

NASA TECHNICAL NOTE



NASA TN D-8097

NASA TN D-8097



TECH LIBRARY KAFB, NM

LOAN COPY: RETL  
AFWL TECHNICAL L  
KIRTLAND AFB, N. ....

PRESSURE CONTACT SOUNDING DATA FOR  
NASA'S ATMOSPHERIC VARIABILITY  
EXPERIMENT (AVE III)

*Henry E. Fuelberg, C. Kelly Hill,  
Robert E. Turner, and Kay E. Long  
George C. Marshall Space Flight Center  
Marshall Space Flight Center, Ala. 35812*



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION • WASHINGTON, D. C. • NOVEMBER 1975



0133804

1. REPORT NO. NASA TN D-8097		2. GOVERNMENT ACCESSION NO.		3. RL	
4. TITLE AND SUBTITLE  Pressure Contact Sounding Data for NASA's Atmospheric Variability Experiment (AVE III)		5. REPORT DATE November 1975		6. PERFORMING ORGANIZATION CODE M149	
7. AUTHOR(S) Henry E. Fuelberg,* C. Kelly Hill, Robert E. Turner, and Kay E. Long		8. PERFORMING ORGANIZATION REPORT #		10. WORK UNIT NO.	
9. PERFORMING ORGANIZATION NAME AND ADDRESS  George C. Marshall Space Flight Center Marshall Space Flight Center, Alabama 35812		11. CONTRACT OR GRANT NO.		13. TYPE OF REPORT & PERIOD COVERED  Technical Note	
12. SPONSORING AGENCY NAME AND ADDRESS  National Aeronautics and Space Administration Washington, D.C. 20546		14. SPONSORING AGENCY CODE			
15. SUPPLEMENTARY NOTES This report is published to make available a unique set of atmospheric data for research use by the scientific community. The project was conducted under the operational direction of Mr. Robert Turner, Space Sciences Laboratory, MSFC, for the Office of Applications, NASA Headquarters.					
16. ABSTRACT  This report describes the basic rawinsonde data at each pressure contact from the surface to sounding termination for the 41 stations participating in the AVE III measurement program that began at 0000 GMT on February 6 and ended at 1200 GMT on February 7, 1975. Soundings were taken at 3-hour intervals during a large period of the experiment from most stations within the United States east of about 105 degrees west longitude. Methods of data processing, changes in reduction scheme since the AVE II Pilot Experiment, and data accuracy are briefly discussed. An example of contact data is presented, and microfiche cards of all the contact data are included as an appendix to this report. The AVE III project was conducted as part of NASA's program to better understand and establish the extent of applications for meteorological satellite sensor data through correlative ground truth experiments and to provide basic experimental data for use in studies of atmospheric scales-of-motion interrelationships.  *Texas A&M University					
17. KEY WORDS  Rawinsonde Atmospheric Variability Mesoscale Synoptic			18. DISTRIBUTION STATEMENT  Category 46		
19. SECURITY CLASSIF. (of this report)  Unclassified		20. SECURITY CLASSIF. (of this page)  Unclassified		21. NO. OF PAGES  23	
				22. PRICE  \$3.25	



## ACKNOWLEDGMENTS

Many people contributed directly or indirectly to the preparation of this report. The list is too long to acknowledge everyone. No less than approximately 20 people made substantial contributions in data processing, computer programming, analysis of data, and preparation proper of the report. Although names are not given, the authors are grateful to every person who worked diligently behind the scenes to accomplish an important and difficult task in record time.

## TABLE OF CONTENTS

	Page
I. INTRODUCTION . . . . .	1
II. OTHER AVE MEASUREMENT PERIODS . . . . .	1
III. THE AVE III MEASUREMENT PROGRAM . . . . .	2
IV. DISCUSSION OF BASIC DATA . . . . .	2
A. Collection . . . . .	2
B. Methods of Processing . . . . .	3
C. Changes in the Reduction Procedure . . . . .	3
V. DISCUSSION OF SOUNDING DATA . . . . .	4
A. Accuracy Estimates . . . . .	4
B. Tabulated Data . . . . .	5
REFERENCES . . . . .	15
APPENDIX . . . . .	1

## LIST OF ILLUSTRATIONS

Figure	Title	Page
1.	Rawinsonde stations participating in the AVE III project . . . . .	6
2.	Surface synoptic weather maps for AVE III . . . . .	7

## LIST OF TABLES

Table	Title	Page
1.	Rawinsonde Stations Participating in the AVE III Project . . . . .	8
2.	An Example of Contact Data From the AVE III Project . . . . .	9
3.	Comments and Known Errors Remaining in the Reduced Data of the AVE III Project . . . . .	13
4.	Explanation of Column Headings of Tabulated Sounding Data for the AVE III Project . . . . .	13
5.	List of Missing Soundings in AVE III Project . . . . .	14

## LIST OF ABBREVIATIONS

AVE	Atmospheric Variability Experiment
AVSSE	Atmospheric Variability Severe Storm Experiment
GMT	Greenwich Meridian Time
gpm	geopotential meters
mb	millibars
mps	meters per second
NWS	National Weather Service
rms	root mean square

# **PRESSURE CONTACT SOUNDING DATA FOR NASA'S ATMOSPHERIC VARIABILITY EXPERIMENT (AVE III)**

## **I. INTRODUCTION**

Each Atmospheric Variability Experiment (AVE) has utilized a large network of standard rawinsonde stations acquiring data at 3-hour intervals instead of the routine 12-hour intervals. The measurement period was chosen in each case when meteorological conditions were predicted to contain the particular mesoscale systems of interest for studies. Satellite and radar data have also been obtained to supplement the rawinsonde data of AVE II and III. The long-term objective of the AVE program is to understand the structure and dynamics of mesoscale systems. The purpose of this report is to present the rawinsonde data from AVE III.

## **II. OTHER AVE MEASUREMENT PERIODS**

The first NASA Atmospheric Variability Experiment (AVE I) was conducted from February 19 to February 22, 1964. Scoggins and Smith [1,2] have presented data from the AVE I experiment, and a compilation of studies from AVE I has been presented by Scoggins et al. [3]. Results from this experiment demonstrated conclusively that systems with a time scale of less than 12 hours are present and lead to large temporal and spatial variations in the observed structure of the atmosphere and in weather. AVE I demonstrated the need for additional experiments of this type to better understand physical processes in the atmosphere and their influence upon changes in local weather conditions.

The second Atmospheric Variability Experiment (AVE II) [4] was conducted from 12 GMT May 11 to 12 GMT May 12, 1974. During this time rawinsonde soundings were taken at 3-hour intervals from 54 stations over the eastern United States. The data have been presented by Scoggins and Turner [5] and Fuelberg and Turner [6]. Investigations utilizing these data are described by Fuelberg and Scoggins [7] and Overall and Scoggins [8]. Some conclusions from these studies relative to the value of more frequent rawinsonde measurements are: (1) these 3-hour observations permit a more accurate evaluation of storm (cloud) motion in relation to the ambient field than is possible with routine 12-hour data, and (2) significant changes in vertical motion associated with mesoscale systems can be identified over 3-hour intervals but often not in routine intervals.

The AVE IV measurement phase was concluded on April 24 and 25, 1975. A similar program, the Atmospheric Variability Severe Storm Experiment (AVSSE) [9], was run in conjunction with Goddard Space Flight Center aircraft observations on April 27 and 28 and May 6 and 7, 1975. The data for these programs are being processed and will be documented in later reports.

### III. THE AVE III MEASUREMENT PROGRAM

The AVE III was completed during the period from 00 GMT February 6 to 12 GMT February 7, 1975. The 41 rawinsonde stations that participated in the acquisition of sounding data at 3-hour intervals over the United States east of approximately 105 degrees west longitude are listed in Table 1. Soundings were taken at 9 time periods: February 6 at 0000 GMT, 0600 GMT, 1200 GMT, 1500 GMT, 1800 GMT, and 2100 GMT and on February 7 at 0000 GMT, 0600 GMT, and 1200 GMT. The stations included in the experiment are shown in Figure 1. The surface synoptic weather maps depicting conditions on February 6 and 7 are presented in Figure 2. A tabulated example of the 3-hour data from the Marshall Space Flight Center, Alabama, rawinsonde station is presented in Table 2 to indicate the format of the data available from the other 40 stations within the AVE III network. A complete microfiche copy of the contact data for all stations is enclosed as an appendix in the pocket attached to the inside of the back cover of this report. Data from other sources such as satellite, radar, and surface stations are also available and will be presented as appropriate in subsequent reports prepared from analyses of these data.

The objectives of AVE III were to (1) capture the development and evolution of mesoscale systems during winter conditions, (2) measure the temporal and spatial variability of atmospheric parameters/systems of a scale smaller than that normally detected from data measured at intervals of 12 hours, and (3) utilize satellite data to a maximum in furthering the application to mesoscale weather predictions. The period was chosen for the AVE III measurements to correspond to the occurrences of a strong cold front, large horizontal temperature gradients, both cloudy and cloud-free regions, and visible snow cover. The conditions were successfully met even though a 48-hour weather prediction was necessary to allow time to activate the rawinsonde network.

### IV. DISCUSSION OF BASIC DATA

#### A. Collection

Original records necessary for reducing the soundings were sent to the Aerospace Environment Division, Space Sciences Laboratory, NASA-Marshall Space Flight Center, Alabama, for further processing. Personnel at the Marshall Space Flight Center computed baseline data and extracted angle data at 30-second intervals, or 1-minute intervals in a few cases, from strip charts and punched these into computer cards that were sent to Texas A&M University. Personnel at Texas A&M University extracted ordinate data at each pressure contact and punched these into cards. Soundings were computed at Texas A&M using an IBM 360/65 computer.

## B. Methods of Processing

The procedure used to compute soundings is similar to that used on the AVE IIP data and is described by Fuelberg [10]. Since approximately 120 000 data cards, each containing about five variables, were punched for AVE III, careful editing procedures were necessary to ensure accurate soundings. Keypunched data were checked for errors by calculating centered differences on the input data; and processed soundings, based on the input data, were further checked by calculating centered differences of wind direction and speed and by calculating the lapse rates of temperature and dew point. All questionable data were checked against the original strip chart records, and erroneous data were corrected. Errors that were discovered after these checks were made and the data corrected are listed in Table 3.

The final data sets of the AVE III experiment consist of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while wind data were computed at 30-second intervals by means of centered finite differences over a 1-minute period and then smoothed and interpolated to each pressure contact. The detailed profiles were then interpolated to give data at 25-mb intervals as reported by Fuelberg and Turner [11]. The contact data are the subject of this report.

## C. Changes in the Reduction Procedure

Several changes in the reduction procedure used for the AVE IIP data have been made that affect the output soundings of the AVE III experiment; these will be described here. Two important changes were made in the program used to compute contact data. Humidity values, including dew point temperature, are now computed only at temperatures above  $-40^{\circ}\text{C}$ ; at temperatures below  $-40^{\circ}\text{C}$ , humidity values are indicated by fields of nines, as are missing values of humidity. In the AVE IIP data, nines were used to indicate both missing humidity values and moisture values based on relative humidity less than 5 percent. The AVE III data contain computed moisture values down to a relative humidity of 1 percent; if the value of relative humidity is below 1 percent, it is set equal to 1 percent from which the other moisture variables are computed. The second change involves the indication of winds that are based on low elevation angles. An asterisk following wind speed in the AVE III data means that the elevation angle was between 10 degrees and 6 degrees. A double asterisk indicates that the elevation angle was less than 6 degrees. Since winds computed at low elevation angles have large rms errors, these data should be used with caution. These two changes are also carried over to the 25-mb data.

An important change was made in the program that produced 25-mb data from contact data. In the AVE IIP data set, 25-mb values of wind direction, scalar speed, and the u- and v-wind components were interpolated independently of each other. The AVE III scheme interpolates the 25-mb values of u- and v-wind components and then determines wind direction and wind speed from the components.

Wind data at Ft. Totten, New York, and Wallops Island, Virginia, could not be computed because angle data were not available. Values of wind direction and speed as a function of time from release have been computed by the National Weather Service using a scheme different from that used in AVE III. These wind data are not contact data but are presented with the attached microfiche set of contact data as a supplement to the appendix.

## V. DISCUSSION OF SOUNDING DATA

### A. Accuracy Estimates

Estimates of the rms errors in the thermodynamic quantities of the AVE III data are the same as those given by Scoggins and Smith [1] for the AVE I data and Fuelberg [10] for the AVE IIP data. These estimates are:

Parameter	Approximate rms Error
Temperature	1°C
Pressure	1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb.
Humidity	10 percent
Pressure Altitude	10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb.

The rms errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. The rms errors in the AVE III wind data are the same as those given by Fuelberg [10] for the AVE IIP data. Maximum rms errors for winds computed at 30-second intervals (based on the worst geometric tracking configuration) are: at 700 mb, about 2.5 mps at an elevation angle of 10 degrees and about 0.5 mps at an elevation angle of 40 degrees; at 500 mb, 4.5 mps and 0.8 mps for the same elevation angles; and at 300 mb, 7.8 mps and 1.0 mps, respectively. After assuming typical values of scalar wind speed at the various levels, maximum rms errors in wind direction were determined. The maximum rms errors at 700 mb range from about 9.5 degrees at an elevation angle of 10 degrees to about 1.3 degrees at an elevation angle of 40 degrees. At 500 mb, the errors are 13.4 degrees and 1.8 degrees at the same elevation angles, while at 300 mb, the maximum errors are 18.0 degrees and 2.5 degrees, respectively. The accuracy of the wind data on pressure contacts and at 25-mb intervals is



greater than that stated for the 30-second winds because of the added smoothing and interpolation performed. In addition, errors cited for the 30-second winds were maximum for the stated conditions.

## **B. Tabulated Data**

An example of AVE III contact data is given in Table 2. An explanation of the column headings is given in Table 4, and a list of missing soundings is given in Table 5. In the example, the first line of data for the time of 0 minutes is surface data. A series of nines is used to indicate missing data. The three numbers in the upper right corner of each page are the number of pressure contacts computed, the minimum pressure obtained (mb), and an angle identifier with the value 0 for 30-second angle input and 1 for 1-minute angle input.

Questions relative to these data can be directed to the George C. Marshall Space Flight Center, Aerospace Environment Division, Space Sciences Laboratory, Marshall Space Flight Center, Alabama 35812.

George C. Marshall Space Flight Center  
National Aeronautics and Space Administration  
Marshall Space Flight Center, Alabama, July 1975  
175-11-72

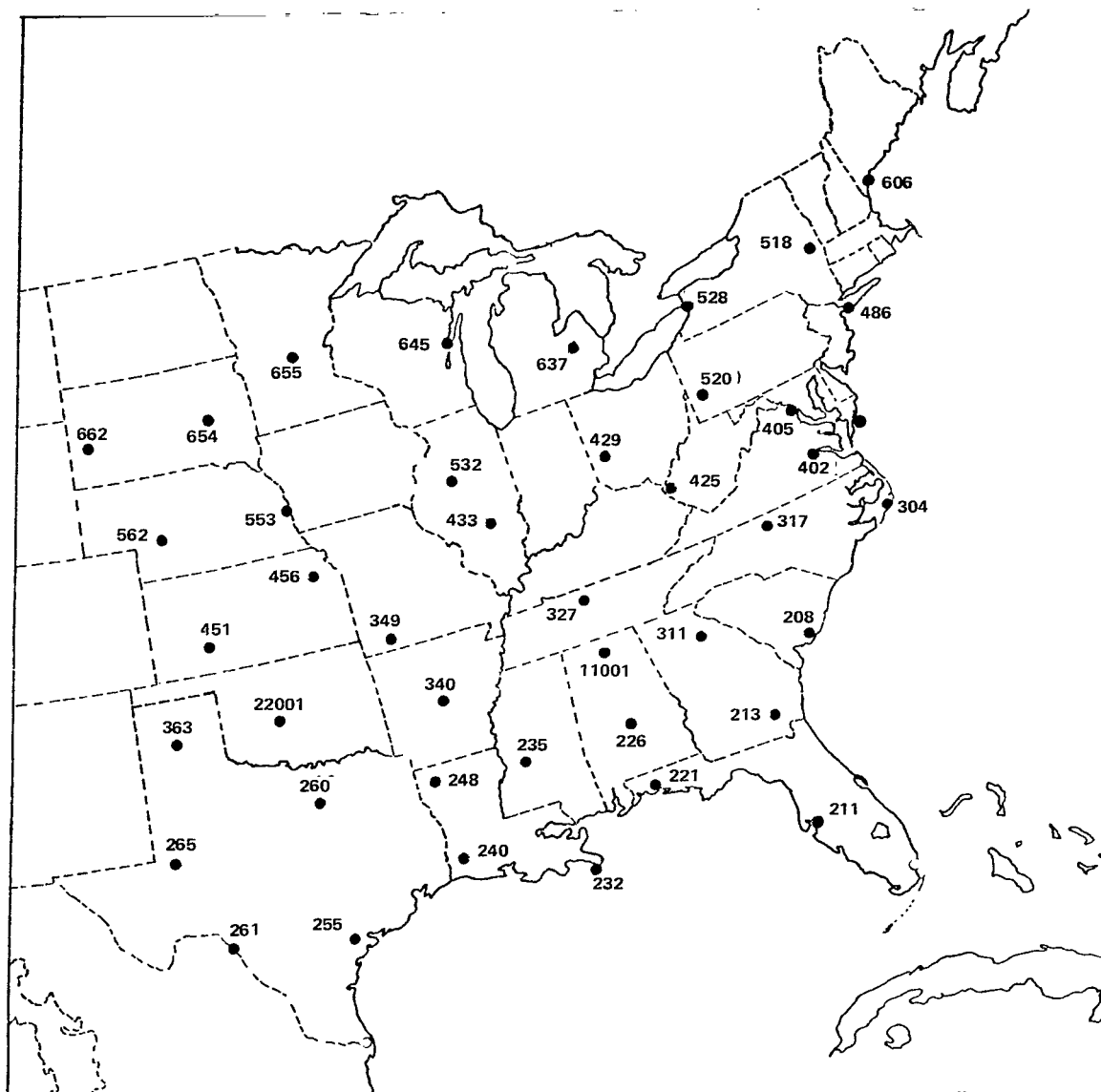
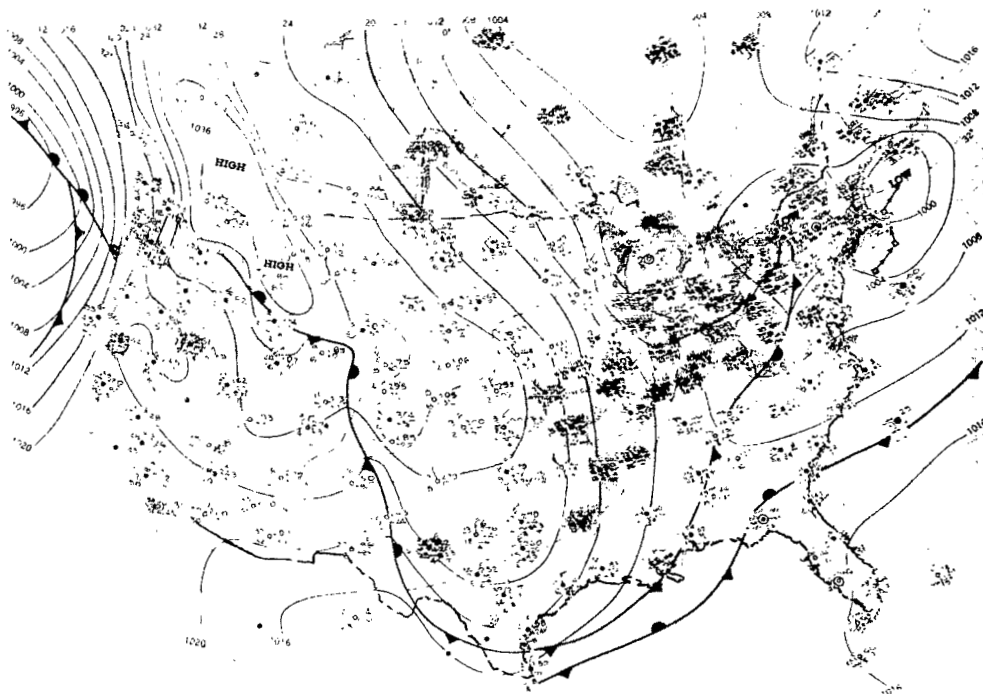
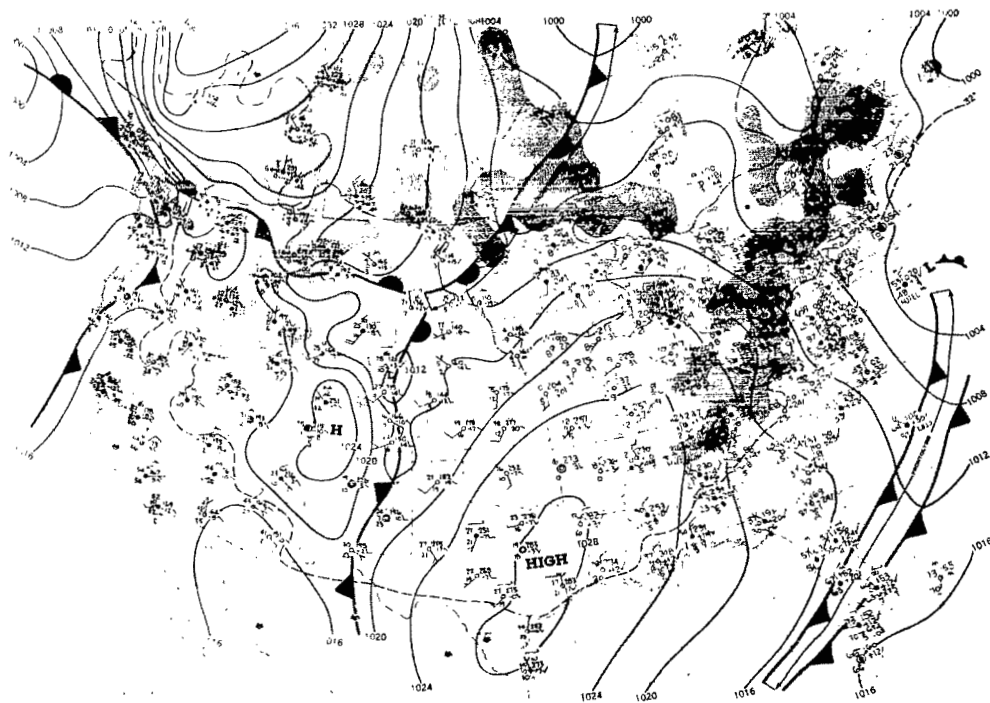


Figure 1. Rawinsonde stations participating in the AVE III project.



1200 GMT, February 6, 1975



1200 GMT, February 7, 1975

Figure 2. Surface synoptic weather maps for AVE III.

TABLE 1. RAWINSONDE STATIONS PARTICIPATING IN AVE III PROJECT

Station Number	Location
208 (CHS)	Charleston, South Carolina
211 (TPA)	Tampa, Florida
213 (AYS)	Waycross, Georgia
220 (VPS)	Apalachicola, Florida
226 (CKL)	Centerville, Alabama
232 (BVE)	Boothville, Louisiana
235 (JAN)	Jackson, Mississippi
240 (LCH)	Lake Charles, Louisiana
248 (SHV)	Shreveport, Louisiana
255 (VCT)	Victoria, Texas
260 (SEP)	Stephenville, Texas
261 (DRT)	Del Rio, Texas
265 (MAF)	Midland, Texas
304 (HAT)	Hatteras, North Carolina
311 (AHN)	Athens, Georgia
317 (GSO)	Greensboro, North Carolina
327 (BNA)	Nashville, Tennessee
340 (LIT)	Little Rock, Arkansas
349 (UMN)	Monette, Missouri
363 (AMA)	Amarillo, Texas
402 (WAL)	Wallops Island, Virginia
405 (IAD)	Sterling, Virginia (Dulles Airport)
425 (HTS)	Huntington, West Virginia
429 (DAY)	Dayton, Ohio
433 (SLO)	Salem, Illinois
451 (DDC)	Dodge City, Kansas
456 (TOP)	Topeka, Kansas
486 (JFK)	Fort Totten, New York (Kennedy Airport)
518 (ALB)	Albany, New York
520 (PIT)	Pittsburg, Pennsylvania
528 (BUF)	Buffalo, New York
532 (PIA)	Peoria, Illinois
553 (OMA)	Omaha, Nebraska
562 (LBF)	North Platte, Nebraska
606 (PWM)	Portland, Maine
637 (FNT)	Flint, Michigan
645 (GRB)	Green Bay, Wisconsin
654 (HUR)	Huron, South Dakota
655 (STC)	St. Cloud, Minnesota
662 (RAP)	Rapid City, South Dakota
11001 (MSF)	Marshall Space Flight Center, Alabama

TABLE 2. AN EXAMPLE OF CONTACT DATA FROM THE AVE III PROJECT

STATION NO. 11001 MARSHALL SPACE FLIGHT CENTER															
6 FEBRUARY 1975 1715 GMT															
159 27. 0															
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGF KM	AZ DG
0.0	6.3	180.0	994.0	3.1	2.4	290.0	5.2	4.9	-1.8	277.3	289.0	4.6	95.0	0.0	0.
0.3	7.0	245.4	986.0	1.9	1.5	293.3	9.6	8.4	-3.8	276.8	287.8	4.3	97.2	0.3	108.
0.7	8.0	352.5	973.0	1.1	0.8	294.1	10.0	9.1	-4.1	277.0	287.6	4.2	97.7	0.4	110.
1.2	9.0	443.9	962.0	0.5	0.3	294.8	10.4	9.1	-4.4	277.2	287.6	4.1	98.5	0.7	112.
1.5	10.0	544.7	950.0	-0.0	-0.2	294.4	10.4	9.1	-4.3	277.7	287.9	4.0	98.5	0.9	113.
2.0	11.0	663.6	936.0	-0.8	-1.1	290.0	10.1	9.1	-3.4	278.0	287.8	3.8	98.2	1.2	113.
2.4	12.0	766.6	924.0	-1.6	-1.8	289.4	10.1	9.1	-3.2	278.2	287.6	3.6	98.2	1.4	112.
2.3	13.0	861.9	913.0	-2.2	-2.5	286.0	9.7	9.1	-2.7	278.5	287.6	3.5	96.2	1.7	111.
3.2	14.0	958.2	902.0	-3.0	-3.3	283.6	9.5	9.1	-2.2	278.6	287.3	3.3	97.9	1.9	111.
3.6	15.0	1055.4	891.0	-3.5	-3.7	281.3	9.7	9.5	-1.9	279.1	287.7	3.3	98.0	2.1	110.
4.1	16.0	1180.7	877.0	-3.8	-4.1	275.5	9.7	9.6	-1.1	280.1	288.6	3.2	97.7	2.4	109.
4.4	17.0	1280.4	866.0	-4.2	-4.6	270.2	8.7	8.7	-0.0	280.6	288.9	3.2	97.7	2.6	108.
4.8	18.0	1381.2	855.0	-4.7	-5.0	261.7	7.2	7.1	1.0	281.1	289.3	3.1	97.6	2.8	106.
5.2	19.0	1483.1	844.0	-5.0	-5.3	257.5	6.5	6.3	1.4	281.8	290.0	3.1	97.8	2.9	104.
5.7	20.0	1586.2	833.0	-5.5	-5.8	264.5	7.6	7.6	0.7	282.4	290.4	3.0	97.7	3.1	103.
6.2	21.0	1709.6	820.0	-6.2	-6.5	267.5	11.0	11.0	0.5	282.9	290.6	2.9	98.2	3.3	102.
6.5	22.0	1815.3	809.0	-6.5	-6.8	264.8	13.6	13.5	1.2	283.7	291.3	2.8	98.2	3.5	101.
6.8	23.0	1912.8	799.0	-5.6	-5.8	257.5	15.8	15.5	3.4	285.7	294.0	3.1	98.3	3.8	100.
7.3	24.0	2021.8	788.0	-5.0	-5.2	250.3	19.0	17.9	6.4	287.5	296.4	3.3	98.4	4.3	96.
7.7	25.0	2122.2	778.0	-5.3	-5.5	247.6	20.4	18.9	7.8	288.2	297.1	3.3	98.5	4.7	94.
8.2	26.0	2254.6	765.0	-5.8	-6.0	246.5	21.5	19.7	8.6	289.1	297.9	3.2	98.5	5.3	90.
8.7	27.0	2357.7	755.0	-6.5	-6.7	247.0	22.6	20.1	8.8	289.3	297.8	3.1	98.4	5.9	88.
9.2	28.0	2472.5	744.0	-6.7	-6.9	249.1	23.6	22.1	8.4	290.4	298.9	3.1	98.4	6.5	85.
9.6	29.0	2578.2	734.0	-7.1	-7.3	251.0	24.4	23.1	7.9	291.0	299.3	3.0	98.3	7.1	84.
9.9	30.0	2674.4	725.0	-7.8	-8.1	251.9	24.7	23.1	7.7	291.2	299.2	2.9	98.0	7.5	84.
10.3	31.0	2782.4	715.0	-8.4	-8.9	252.3	24.6	23.1	7.5	291.7	299.3	2.7	96.4	8.1	83.
10.7	32.0	2891.6	705.0	-8.5	-10.3	252.4	24.4	23.3	7.4	291.7	298.7	2.5	93.8	8.7	82.
11.2	33.0	2990.8	696.0	-10.3	-11.1	252.6	24.4	23.1	7.3	291.8	298.4	2.3	93.7	9.4	81.
11.5	34.0	3102.2	686.0	-11.0	-11.6	252.8	24.7	23.6	7.3	292.2	298.7	2.3	95.3	9.8	81.
11.8	35.0	3203.5	677.0	-12.0	-12.8	252.7	25.2	24.1	7.5	292.2	298.2	2.1	94.1	10.3	81.
12.3	36.0	3340.3	665.0	-12.6	-13.5	251.9	26.4	25.1	8.2	293.0	298.9	2.0	93.3	11.1	80.
12.7	37.0	3444.2	656.0	-13.6	-16.6	250.8	27.9	26.3	9.2	293.0	297.6	1.6	78.1	11.7	80.
13.2	38.0	3560.9	646.0	-14.4	-22.6	249.3	30.6	28.6	10.8	293.3	296.1	1.0	49.7	12.5	79.
13.5	39.0	3667.2	637.0	-15.1	-28.5	248.4	32.6	30.3	12.0	293.6	295.4	0.6	30.8	13.1	79.
13.9	40.0	3774.7	628.0	-15.1	-26.5	247.6	33.1	33.1	13.6	294.8	297.0	0.7	37.1	13.9	78.
14.4	41.0	3908.4	617.0	-15.0	-23.9	247.3	39.4	36.4	15.2	296.5	299.2	0.9	46.2	15.0	77.
14.9	42.0	4019.6	608.0	-15.0	-19.8	247.0	41.7	38.4	16.3	297.8	301.7	1.3	66.6	16.3	76.
15.4	43.0	4132.3	599.0	-15.5	-20.9	246.1	42.8	39.2	17.3	298.4	302.0	1.2	63.2	17.4	76.
15.9	44.0	4246.4	590.0	-16.5	-22.0	244.8	43.8	39.7	18.6	298.6	301.9	1.1	62.5	18.8	75.
16.3	45.0	4349.1	582.0	-16.6	-21.2	247.7	44.1	39.6	19.6	299.6	303.2	1.2	67.3	19.8	74.
16.8	46.0	4466.2	573.0	-17.0	-20.7	242.3	43.2	38.1	20.1	300.4	304.3	1.3	73.2	21.2	74.
17.2	47.0	4571.6	565.0	-17.6	-20.1	241.1	41.7	36.5	20.1	301.0	305.2	1.4	80.8	22.2	73.
17.6	48.0	4678.3	557.0	-18.5	-21.8	240.1	40.4	35.0	20.2	301.1	304.8	1.2	75.6	23.2	73.
18.0	49.0	4799.6	548.0	-19.4	-22.2	239.5	40.8	35.1	20.7	301.5	305.1	1.2	78.0	24.0	72.
18.4	50.0	4908.8	540.0	-20.4	-23.0	240.0	45.5*	39.4	22.7	301.5	304.9	1.1	79.6	24.9	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

TABLE 2. (Continued)

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1715 GMT

159 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SFC	U COMI M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.8	51.0	5047.1	530.0	-21.0	-23.6	240.8	52.4*	45.1	25.5	302.5	305.8	1.1	79.3	26.0	71.
19.2	52.0	5159.3	522.0	-21.9	-25.1	241.3	58.9*	51.1	28.3	302.7	305.6	0.9	75.3	27.3	71.
19.5	53.0	5287.3	513.0	-27.3	-28.8	241.5	62.9*	55.1	30.0	303.6	305.8	0.7	55.0	28.6	70.
19.9	54.0	5402.7	505.0	-22.8	-32.1	241.2	60.9*	53.4	29.4	304.3	306.0	0.5	42.2	30.1	70.
20.3	55.0	5505.2	498.0	-22.2	-29.5	240.6	54.2*	47.1	26.6	306.4	308.5	0.7	51.1	31.8	69.
20.9	56.0	5654.2	488.0	-22.7	-29.3	240.8	45.4*	39.1	22.2	307.5	309.7	0.7	54.3	33.2	69.
21.3	57.0	5760.1	481.0	-23.4	-29.6	242.6	50.0*	44.4	23.0	308.0	310.2	0.7	56.3	34.1	69.
21.8	58.0	5882.6	473.0	-24.6	-30.7	244.9	64.3*	58.4	27.3	308.0	310.0	0.6	56.2	35.4	68.
22.3	59.0	6006.7	465.0	-25.1	-29.8	246.2	73.5*	67.1	29.7	308.8	311.1	0.7	64.4	38.1	68.
22.7	60.0	6116.9	458.0	-25.5	-29.8	246.7	68.6*	63.7	27.1	309.7	312.0	0.7	67.0	40.3	68.
23.2	61.0	6228.5	451.0	-26.0	-30.1	246.8	51.5*	47.1	20.3	310.4	312.6	0.7	64.2	42.2	68.
23.5	62.0	6358.0	443.0	-26.5	-29.0	246.3	40.3*	36.1	16.2	311.3	313.9	0.8	78.8	42.9	68.
23.9	63.0	6473.0	436.0	-27.1	-28.8	245.3	34.6*	31.6	14.4	312.1	314.7	0.8	85.1	43.2	68.
24.3	64.0	6589.5	429.0	-28.0	-29.7	244.9	35.2*	31.1	14.9	312.3	314.8	0.7	84.9	44.2	68.
24.7	65.0	6707.4	422.0	-29.0	-30.8	245.0	41.5*	37.1	17.5	312.4	314.7	0.7	85.0	45.0	68.
25.2	66.0	6844.1	414.0	-30.0	-31.8	245.5	57.2*	52.1	23.7	313.0	315.1	0.6	84.2	46.1	68.
25.6	67.0	6965.4	407.0	-30.8	-32.8	245.9	74.3*	67.1	30.4	313.5	315.4	0.6	81.8	47.7	68.
26.1	68.0	7088.3	400.0	-31.9	-34.1	246.0	97.5*	89.1	39.6	313.5	315.2	0.5	80.7	50.1	68.
26.5	69.0	7212.9	393.0	-32.6	-36.6	246.0	114.9*	104.1	46.7	314.2	315.6	0.4	67.0	53.1	68.
26.9	70.0	7321.2	387.0	-33.3	-39.5	245.8	127.4*	116.1	52.1	314.7	315.8	0.3	52.8	55.6	68.
27.5	71.0	7467.8	379.0	-33.9	-42.1	245.0	129.7*	117.1	54.8	315.7	316.6	0.2	42.8	61.3	67.
27.9	72.0	7598.2	372.0	-34.7	-44.1	243.4	112.3**	100.1	50.2	316.3	317.0	0.2	37.3	64.5	67.
28.3	73.0	7711.6	366.0	-35.6	-45.0	241.5	88.1**	77.1	42.1	316.6	317.2	0.2	37.0	66.7	67.
28.7	74.0	7845.7	359.0	-36.4	-45.4	238.8	61.5**	52.1	31.8	317.2	317.9	0.2	38.4	68.5	67.
29.2	75.0	7962.3	353.0	-37.6	-46.4	233.9	33.2**	26.1	19.6	317.1	317.7	0.2	39.1	70.0	67.
29.5	76.0	8080.2	347.0	-38.9	-47.1	227.9	20.7**	15.1	13.9	317.1	317.6	0.2	40.9	70.2	67.
29.9	77.0	8199.7	341.0	-39.9	-48.1	227.7	19.8**	14.1	13.3	317.2	317.7	0.1	40.6	69.5	67.
30.3	78.0	8320.6	335.0	-41.0	-49.9	233.2	25.5**	20.1	15.3	317.4	317.9	0.1	40.9	70.7	66.
30.7	79.0	8443.2	329.0	-42.3	-49.9	237.8	33.2*	28.1	17.7	317.3	317.9	0.1	40.9	71.3	66.
31.1	80.0	8567.4	323.0	-43.4	-49.9	240.4	37.8*	32.1	18.7	317.5	317.9	0.1	40.9	71.5	66.
31.6	81.0	8714.4	316.0	-44.8	-49.9	241.3	30.6*	26.1	14.7	317.5	317.9	0.1	40.9	74.2	66.
32.0	82.0	8842.3	310.0	-46.1	-49.9	241.2	15.7*	13.7	7.5	317.5	317.9	0.1	40.9	74.4	66.
32.5	83.0	8950.2	305.0	-47.1	-49.9	36.1	1.1*	-0.7	-0.9	317.5	317.9	0.1	40.9	74.2	66.
33.0	84.0	9081.4	299.0	-48.4	-49.9	21.6	1.9*	-0.7	-1.8	317.5	317.9	0.1	40.9	74.2	66.
33.4	85.0	9192.1	294.0	-49.5	-49.9	252.8	12.6*	12.1	3.7	317.4	317.9	0.1	40.9	73.5	66.
33.8	86.0	9349.6	287.0	-50.6	-49.9	249.9	31.2*	29.1	10.8	318.1	317.9	0.1	40.9	74.1	66.
34.3	87.0	9463.7	282.0	-52.1	-49.9	249.5	55.5*	52.0	19.5	317.5	317.9	0.1	40.9	75.9	66.
34.7	88.0	9602.6	276.0	-53.2	-49.9	249.4	74.2*	69.1	26.1	317.9	317.9	0.1	40.9	77.1	66.
35.2	89.0	9720.1	271.0	-54.3	-49.9	249.4	97.0**	90.7	34.2	317.9	317.9	0.1	40.9	79.6	66.
35.6	90.0	9839.3	266.0	-55.3	-49.9	249.6	112.7**	105.1	39.4	318.2	317.9	0.1	40.9	82.7	66.
36.0	91.0	9960.1	261.0	-56.1	-49.9	250.1	122.9**	115.1	41.9	318.8	317.9	0.1	40.9	84.7	66.
36.4	92.0	10083.1	256.0	-56.1	-49.9	251.1	114.5**	108.1	37.1	320.5	317.9	0.1	40.9	88.7	67.
36.9	93.0	10208.4	251.0	-56.4	-49.9	252.5	91.4**	87.1	27.4	321.9	317.9	0.1	40.9	92.9	67.
37.3	94.0	10310.3	247.0	-56.9	-49.9	251.9	85.6**	81.4	26.6	322.6	317.9	0.1	40.9	93.4	67.
37.8	95.0	10439.7	242.0	-57.4	-49.9	249.1	105.6**	98.1	37.7	323.7	317.9	0.1	40.9	94.9	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

TABLE 2. (Continued)

 STATION NO. 11001  
 MARSHALL SPACE FLIGHT CENTER

 6 FEBRUARY 1975  
 1715 GMT

159 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMF M/SEC	V COMF M/SEC	POT T DG K	F POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
38.3	96.0	10598.3	236.0	-57.6	99.9	247.2	133.3**	122.1	51.7	325.8	999.9	99.9	999.9	99.5	67.
38.8	97.0	10733.5	231.0	-57.6	99.9	246.3	138.4**	126.1	55.7	327.8	999.9	99.9	999.9	104.7	67.
39.3	98.0	10844.0	227.0	-56.9	99.9	245.4	133.6**	121.1	55.6	330.5	999.9	99.9	999.9	108.3	67.
39.7	99.0	10985.6	222.0	-55.4	99.9	245.1	142.3**	129.1	60.0	334.9	999.9	99.9	999.9	110.8	67.
40.1	100.0	11101.6	218.0	-55.1	99.9	245.1	161.8**	146.1	68.1	337.1	999.9	99.9	999.9	113.9	67.
40.6	101.0	11250.1	213.0	-54.3	99.9	245.3	178.4**	162.1	74.5	340.6	999.9	99.9	999.9	119.9	67.
40.9	102.0	11402.3	208.0	-54.3	99.9	245.2	172.7**	156.1	72.5	342.9	999.9	99.9	999.9	125.0	67.
41.3	103.0	11526.9	204.0	-54.1	99.9	244.7	153.7**	139.1	65.8	345.1	999.9	99.9	999.9	127.6	67.
41.7	104.0	11653.8	200.0	-54.3	99.9	243.9	128.9**	115.1	56.6	346.8	999.9	99.9	999.9	130.7	67.
42.2	105.0	11783.1	196.0	-55.1	99.9	242.7	90.8**	80.1	41.6	347.5	999.9	99.9	999.9	135.2	67.
42.5	106.0	11914.9	192.0	-54.8	99.9	241.4	63.7**	55.1	30.5	350.1	999.9	99.9	999.9	136.4	67.
42.9	107.0	12049.4	188.0	-55.3	99.9	236.5	28.0**	23.1	15.5	351.4	999.9	99.9	999.9	137.7	67.
43.5	108.0	12136.9	184.0	-54.6	99.9	224.8	9.4**	6.1	6.7	354.6	999.9	99.9	999.9	136.7	66.
43.8	109.0	12327.8	180.0	-54.0	99.9	241.6	36.1**	31.1	17.2	357.9	999.9	99.9	999.9	136.4	66.
44.3	110.0	12471.9	176.0	-54.3	99.9	245.2	90.9**	82.1	38.1	359.7	999.9	99.9	999.9	137.1	66.
44.9	111.0	12656.3	171.0	-55.3	99.9	246.6	122.6**	112.1	48.7	361.1	999.9	99.9	999.9	145.0	66.
45.4	112.0	12769.0	168.0	-56.1	99.9	246.5	88.8**	81.1	35.4	361.6	999.9	99.9	999.9	147.8	66.
45.9	113.0	12922.1	164.0	-56.4	99.9	243.0	38.0**	33.1	17.3	363.5	999.9	99.9	999.9	149.2	66.
46.4	114.0	13039.3	161.0	-56.4	99.9	125.3	2.7**	-2.1	1.6	365.4	999.9	99.9	999.9	150.6	66.
46.9	115.0	13198.9	157.0	-56.9	99.9	65.4	16.1**	-14.1	-6.7	367.2	999.9	99.9	999.9	147.9	66.
47.4	116.0	13362.1	153.0	-57.6	99.9	57.3	6.9**	-5.1	-3.7	368.8	999.9	99.9	999.9	148.4	66.
47.8	117.0	13487.1	150.0	-57.7	99.9	246.0	8.9**	8.1	3.6	370.6	999.9	99.9	999.9	148.1	66.
48.3	118.0	13614.3	147.0	-58.6	99.9	245.4	29.0**	26.1	12.1	371.3	999.9	99.9	999.9	148.5	66.
48.8	119.0	13787.5	143.0	-59.3	99.9	248.1	46.1**	42.1	17.2	373.1	999.9	99.9	999.9	150.0	66.
49.2	120.0	13920.3	140.0	-59.3	99.9	249.7	61.7**	57.1	21.4	375.3	999.9	99.9	999.9	151.3	66.
49.7	121.0	14056.0	137.0	-59.3	99.9	250.6	87.0**	82.1	28.9	377.7	999.9	99.9	999.9	152.7	66.
50.2	122.0	14194.7	134.0	-59.3	99.9	251.3	104.0**	98.1	33.4	380.1	999.9	99.9	999.9	156.2	66.
50.7	123.0	14336.3	131.0	-60.1	99.9	251.5	94.5**	89.1	29.9	381.0	999.9	99.9	999.9	160.8	67.
51.2	124.0	14481.0	128.0	-59.4	99.9	249.3	77.4**	72.1	27.4	384.8	999.9	99.9	999.9	162.3	67.
51.7	125.0	14629.5	125.0	-59.4	99.9	245.4	83.7**	76.1	34.8	387.4	999.9	99.9	999.9	163.8	67.
52.3	126.0	14833.3	121.0	-58.9	99.9	244.1	107.3**	96.1	46.8	391.9	999.9	99.9	999.9	167.5	67.
52.8	127.0	14990.8	118.0	-59.3	99.9	244.9	107.5**	92.1	43.5	394.1	999.9	99.9	999.9	172.0	67.
53.4	128.0	15152.0	115.0	-59.4	99.9	246.6	71.7**	65.1	28.5	396.7	999.9	99.9	999.9	174.9	66.
53.8	129.0	15261.7	113.0	-60.1	99.9	244.4	57.6**	51.9	24.9	397.4	999.9	99.9	999.9	176.0	67.
54.4	130.0	15429.4	110.0	-60.5	99.9	239.1	53.1**	45.6	27.3	399.8	999.9	99.9	999.9	177.7	66.
54.9	131.0	15601.7	107.0	-60.3	99.9	243.3	55.3**	49.4	24.8	403.3	999.9	99.9	999.9	179.4	66.
55.4	132.0	15778.9	104.0	-60.7	99.9	252.0	55.1**	52.4	17.0	405.9	999.9	99.9	999.9	181.2	66.
55.9	133.0	15961.0	101.0	-60.8	99.9	257.3	52.0**	50.7	11.4	409.0	999.9	99.9	999.9	182.9	67.
56.4	134.0	16085.5	99.0	-60.3	99.9	256.9	49.0**	47.7	11.1	412.4	999.9	99.9	999.9	184.2	67.
56.9	135.0	16212.8	97.0	-60.1	99.9	251.3	47.1**	45.4	12.7	415.1	999.9	99.9	999.9	185.5	67.
57.7	136.0	16476.4	93.0	-58.8	99.9	256.6	20.6**	20.0	4.8	422.9	999.9	99.9	999.9	188.1	67.
58.3	137.0	16682.9	90.0	-57.6	99.9	63.0	20.0**	-17.8	-9.1	429.3	999.9	99.9	999.9	188.1	67.
58.9	138.0	16897.4	87.0	-56.7	99.9	70.4	46.0**	-43.4	-15.5	435.1	999.9	99.9	999.9	186.3	67.
59.5	139.0	17044.4	85.0	-57.9	99.9	78.6	33.2**	-32.5	-6.6	435.7	999.9	99.9	999.9	184.0	67.
60.2	140.0	17270.2	82.0	-59.3	99.9	242.4	51.2**	45.4	23.8	437.4	999.9	99.9	999.9	183.2	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

TABLE 2. (Concluded)

STATION NO. 11001 MARSHALL SPACE FLIGHT CENTER															
6 FEBRUARY 1975 1715 GMT															
159 27. 0															
TIME MIN	CNCTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.8	141.0	17503.2	79.0	-60.3	99.9	247.4	124.8**	115.2	47.9	439.9	999.9	99.9	999.9	186.9	67.
61.5	142.0	17663.0	77.0	-60.5	99.9	247.7	130.2**	120.5	49.3	442.8	999.9	99.9	999.9	196.3	67.
62.2	143.0	17910.5	74.0	-60.5	99.9	250.0	60.8**	57.1	20.8	447.8	999.9	99.9	999.9	198.5	67.
62.9	144.0	18081.0	72.0	-61.0	99.9	23.1	12.3**	-4.8	-11.3	450.2	999.9	99.9	999.9	200.3	67.
63.6	145.0	18345.1	69.0	-61.6	99.9	60.0	48.1**	-41.6	-24.1	454.6	999.9	99.9	999.9	198.0	67.
64.3	146.0	18527.6	67.0	-61.0	99.9	23.2	3.1**	-1.2	-2.9	459.6	999.9	99.9	999.9	194.9	67.
64.9	147.0	18813.1	64.0	-59.8	99.9	247.9	35.1**	32.5	13.2	468.3	999.9	99.9	999.9	197.1	67.
65.6	148.0	19010.9	62.0	-61.0	99.9	61.4	6.2**	-5.5	-3.0	469.9	999.9	99.9	999.9	199.1	67.
66.3	149.0	19214.6	60.0	-61.0	99.9	65.2	96.7**	-87.8	-40.6	474.3	999.9	99.9	999.9	197.3	67.
67.0	150.0	19532.5	57.0	-62.1	99.9	64.4	107.5**	-96.9	-46.4	478.8	999.9	99.9	999.9	188.6	67.
67.7	151.0	19752.7	55.0	-63.2	99.9	64.3	78.8**	-71.0	-34.1	481.2	999.9	99.9	999.9	187.7	67.
68.4	152.0	19980.1	53.0	-64.0	99.9	65.4	116.0**	-105.9	-48.4	484.6	999.9	99.9	999.9	185.2	67.
69.2	153.0	20215.9	51.0	-63.8	99.9	64.4	56.2**	-50.7	-24.2	490.4	999.9	99.9	999.9	175.9	67.
70.0	154.0	20587.7	48.0	-63.8	99.9	247.8	32.3**	29.9	12.2	499.0	999.9	99.9	999.9	178.7	67.
70.9	155.0	20849.1	46.0	-63.0	99.9	62.8	14.1**	-12.6	-6.5	506.9	999.9	99.9	999.9	180.8	67.
71.7	156.0	21122.8	44.0	-62.9	99.9	63.8	30.5**	-27.4	-13.5	513.8	999.9	99.9	999.9	177.0	67.
72.5	157.0	21409.4	42.0	-62.9	99.9	63.3	27.4**	-24.5	-12.3	520.7	999.9	99.9	999.9	177.7	67.
73.4	158.0	21710.2	40.0	-62.5	99.9	63.8	73.4**	-65.9	-32.4	529.0	999.9	99.9	999.9	174.1	67.
74.3	159.0	22191.7	37.0	-62.1	99.9	52.7	18.4*	-14.6	-11.2	541.8	999.9	99.9	999.9	169.8	67.
75.3	160.0	22535.4	35.0	-61.9	99.9	249.9	19.5*	13.4	6.7	551.0	999.9	99.9	999.9	171.2	67.
76.2	161.0	22898.6	33.0	-62.9	99.9	250.0	37.5*	35.1	12.8	557.9	999.9	99.9	999.9	172.8	67.
77.2	162.0	23284.8	31.0	-61.7	99.9	253.3	47.1*	45.1	13.5	570.9	999.9	99.9	999.9	175.4	68.
78.2	163.0	23697.4	29.0	-62.1	99.9	999.9	99.9	99.9	99.9	580.9	999.9	99.9	999.9	999.9	999.
79.6	164.0	24139.3	27.0	-61.9	99.9	999.9	99.9	99.9	99.9	593.4	999.9	99.9	999.9	999.9	999.



TABLE 3. COMMENTS AND KNOWN ERRORS REMAINING  
IN THE REDUCED DATA OF THE AVE III PROJECT

Station	Date/GMT	Error
402 Wallops Island, Virginia	All time periods	Angle data were not available for Stations 402 and 486 to compute winds using the AVE procedure. Winds computed by the National Weather Service are given in the appendix.
486 Ft. Totten, New York	All time periods	
226 Centerville, Alabama	6/1800	The surface pressure should be 999.3 mb. Pressure altitude may be corrected by adding 49 m to each value given.

TABLE 4. EXPLANATION OF COLUMN HEADINGS OF  
TABULATED SOUNDING DATA FOR THE  
AVE III PROJECT

TIME (MIN)	Time after balloon release.
CNTCT	Contact number.
HEIGHT (GPM)	Height of corresponding pressure surface in geopotential meters.
PRES (MB)	Pressure in millibars.
TEMP (DG C)	Ambient temperature in degrees Celsius. Note: An asterisk indicates that time from release and/or temperature were linearly interpolated.
DEW PT (DG C)	Dew point temperature in degrees Celsius.
DIR (DG)	Wind direction measured clockwise from true north and is the direction from which the wind is blowing.

TABLE 4. (Concluded)

SPEED (M/SEC)	Scalar wind speed in meters per second. Note: An asterisk indicates that wind quantities are based on an elevation angle that is between 10 degrees and 6 degrees. A double asterisk indicates that the elevation angle is less than 6 degrees.
U COMP (M/SEC)	The E-W wind component, positive toward the east and negative toward the west.
V COMP (M/SEC)	The N-S wind component, positive toward the north and negative toward the south.
POT T (DG K)	Potential temperature in degrees Kelvin.
E POT T (DG K)	Equivalent potential temperature in degrees Kelvin.
MX RTO (GM/KG)	Mixing ratio in grams per kilogram.
RH (PCT)	Relative humidity in percent.
RANGE (KM)	Distance balloon is from release point along a radius vector.
AZ (DG)	Direction toward balloon measured clockwise from true north.

TABLE 5. LIST OF MISSING SOUNDINGS IN THE AVE III PROJECT

Station	Date/Time	Reason for Omission
226, Centerville	06/0600	Sounding not taken.
451, Dodge City	07/0000	Sonde severely jarred at release.

## REFERENCES

1. Scoggins, J. R.; and Smith, O. E.: Data for First NASA Atmospheric Variability Experiment (AVE I), Part I: Data Tabulation. NASA Technical Memorandum TM X-2938, 1973.
2. Scoggins, J.R.; and Smith, O. E.: Data for First NASA Atmospheric Variability Experiment (AVE I), Part II: Graphical Presentation of Data. NASA Technical Memorandum TM X-2948, 1973.
3. Scoggins, J. R.; Fuelberg, H. E.; Carlson, R. D.; Phelps, R. W.; and Bellue, D. G.: A Compilation of Studies from Atmospheric Variability Experiment (AVE). NASA Contractor Report CR-2304, 1973.
4. ANON: Atmospheric Variability Experiment II Pilot Experiment (AVE II) Experiment Plan and Justification Document. Aerospace Environment Division, Marshall Space Flight Center, Alabama, 1974.
5. Scoggins, J. R.; and Turner, R. E.: 25 MB Sounding Data and Synoptic Charts for NASA's AVE II Pilot Experiment Data. NASA Technical Note TN D-7832, 1974.
6. Fuelberg, H. E.; and Turner, R. E.: Pressure Contact Sounding Data for NASA's Atmospheric Variability Experiment (AVE II). NASA TN D-7914, March 1975.
7. Fuelberg, H. E.; and Scoggins, J. R.: Cloud Motion in Relation to the Ambient Wind Field. NASA Contractor Report CR-2557, May 1975.
8. Overall, James W.; and Scoggins, J. R.: Relationships Between Motion on Isentropic Surfaces from 3-H Rawinsonde Data and Radar Echoes. NASA Contractor Report CR-2558, May 1975.
9. ANON: Atmospheric Variability Severe Storm Experiment (AVSSE) Experiment Plan and Justification Document. Aerospace Environment Division, Marshall Space Flight Center, Alabama, 1975.
10. Fuelberg, H. E.: Reduction and Error Analysis of the AVE II Pilot Experiment Data. NASA Contractor Report CR-120496, 1974.
11. Fuelberg, H. E.; and Turner, R. E.: Data for NASA's AVE III Experiment: 25-MB Sounding Data and Synoptic Charts. NASA TM X-64938, June 1975.

**Title: Pressure Contact Sounding Data for NASA's Atmospheric Variability Experiment (AVE III)**

**By**

**C. Kelly Hill, Robert E. Turner, and Kay E. Long**

STATION NO. 208  
CHARLESTON, SC

5 FEBRUARY 1975  
2315 GMT

159 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	13.0	1012.5	10.6	9.5	260.0	4.1	4.0	0.7	283.7	302.5	7.4	93.0	0.0	0.
0.1	5.0	33.6	1010.0	10.5	9.4	259.8	12.7	12.5	2.3	283.8	302.5	7.4	93.0	0.2	70.
0.4	6.0	150.2	996.0	10.7	9.8	259.8	12.7	12.5	2.3	285.2	304.7	7.7	94.1	0.2	70.
0.7	7.0	242.9	985.0	10.7	9.8	261.2	13.2	13.0	2.0	286.1	306.0	7.8	94.5	0.3	75.
1.0	8.0	337.0	974.0	12.4	11.6	263.1	13.9	13.8	1.7	288.8	311.6	8.8	94.7	0.5	77.
1.3	9.0	441.4	962.0	13.1	12.3	267.4	14.1	14.1	0.7	290.7	315.2	9.4	94.9	0.8	80.
1.7	10.0	538.3	951.0	12.8	11.9	270.8	14.2	14.2	-0.2	291.3	315.4	9.3	94.8	1.2	83.
2.1	11.0	654.2	938.0	12.6	11.8	270.9	13.9	13.9	-0.2	292.2	316.5	9.3	94.8	1.5	85.
2.5	12.0	753.5	927.0	12.4	11.6	266.6	14.0	13.9	0.8	293.0	317.3	9.3	94.7	1.8	86.
2.9	13.0	844.6	917.0	12.2	11.3	263.1	14.5	14.4	1.7	293.7	318.0	9.2	94.4	2.2	86.
3.2	14.0	955.3	905.0	12.0	11.0	262.0	14.8	14.6	2.1	294.6	318.9	9.2	93.8	2.4	85.
3.6	15.0	1048.5	895.0	11.4	9.5	260.9	15.0	14.8	2.4	294.9	317.1	8.4	88.0	2.8	85.
4.0	16.0	1171.0	882.0	11.1	7.2	258.8	15.1	14.8	2.9	295.6	315.0	7.3	77.1	3.1	84.
4.4	17.0	1276.1	871.0	12.2	8.0	255.6	16.3	15.7	4.1	297.9	318.8	7.8	75.4	3.5	83.
4.8	18.0	1373.0	861.0	12.2	3.5	253.9	16.9	16.2	4.7	298.6	314.3	5.7	55.2	3.9	83.
5.1	19.0	1480.8	850.0	11.8	4.1	253.3	17.5	16.8	5.0	299.3	316.1	6.1	59.3	4.2	82.
5.5	20.0	1579.8	840.0	10.9	3.5	253.0	19.4	18.6	5.7	299.3	315.5	5.9	60.3	4.6	81.
5.9	21.0	1709.8	827.0	10.1	3.2	253.6	20.9	20.0	5.9	299.9	316.0	5.8	61.9	5.1	80.
6.2	22.0	1810.9	817.0	9.0	3.4	254.7	20.8	20.1	5.5	299.8	316.3	6.0	67.7	5.5	80.
6.6	23.0	1923.1	806.0	7.9	3.0	256.6	20.4	19.9	4.7	299.7	316.1	5.9	70.9	6.0	79.
7.0	24.0	2036.5	795.0	7.1	1.9	257.6	21.3	20.8	4.6	299.9	315.3	5.5	69.6	6.5	79.
7.3	25.0	2140.6	785.0	6.2	1.8	258.0	21.3	20.8	4.4	300.1	315.6	5.6	73.6	6.9	79.
7.7	26.0	2277.5	772.0	5.7	2.5	258.7	21.2	20.8	4.2	301.0	317.5	6.0	80.0	7.4	79.
8.1	27.0	2373.5	763.0	5.0	1.2	259.7	21.1	20.8	3.8	301.2	316.6	5.5	76.7	7.9	79.
8.4	28.0	2481.2	753.0	4.3	-1.8	260.9	21.2	20.9	3.3	301.5	314.1	4.5	64.5	8.3	79.
8.7	29.0	2589.9	743.0	3.4	-3.0	262.0	21.2	21.0	2.9	301.6	313.4	4.1	62.7	8.7	79.
9.1	30.0	2699.8	733.0	2.6	-4.9	263.3	21.1	21.0	2.5	301.8	312.2	3.6	57.4	9.2	80.
9.5	31.0	2811.0	723.0	2.6	-7.7	263.7	21.0	20.8	2.2	302.9	311.6	3.0	46.3	9.7	80.
9.9	32.0	2912.1	714.0	1.1	-3.3	263.4	21.0	20.9	2.4	302.5	314.6	4.2	72.2	10.2	80.
10.3	33.0	3025.6	704.0	0.6	-5.4	261.8	21.2	21.0	3.0	303.2	313.6	3.6	63.7	10.7	80.
10.7	34.0	3128.9	695.0	-0.0	-6.0	259.4	21.3	21.0	3.9	303.5	313.7	3.5	63.9	11.2	80.
11.0	35.0	3233.2	686.0	-0.6	-7.1	257.2	21.3	20.8	4.7	303.9	313.4	3.3	61.3	11.6	80.
11.5	36.0	3374.4	674.0	-0.6	-8.1	253.5	21.2	20.3	6.0	305.4	314.5	3.1	57.1	12.2	80.
11.9	37.0	3481.8	665.0	-0.6	-50.4	251.8	21.5	20.4	6.7	306.2	306.4	0.1	1.0	12.7	80.
12.2	38.0	3590.5	656.0	-0.6	-50.4	251.0	21.9	20.7	7.1	307.4	307.6	0.1	1.0	13.1	79.
12.6	39.0	3713.0	646.0	-1.4	-50.9	250.4	22.5	21.2	7.5	307.9	308.1	0.1	1.0	13.6	79.
13.0	40.0	3824.5	637.0	-2.4	-51.4	250.2	23.0	21.7	7.8	308.0	308.2	0.1	1.0	14.2	79.
13.4	41.0	3949.7	627.0	-3.5	-52.1	250.9	23.1	21.9	7.6	308.2	308.4	0.0	1.0	14.7	78.
13.9	42.0	4063.7	618.0	-4.4	-52.7	252.7	23.4	22.3	6.9	308.4	308.6	0.0	1.0	15.4	78.
14.3	43.0	4179.0	609.0	-5.3	-53.3	254.8	24.2	23.3	6.3	308.6	308.8	0.0	1.0	16.0	78.
14.8	44.0	4308.7	599.0	-6.0	-53.7	257.5	25.8	25.2	5.6	309.2	309.4	0.0	1.0	16.7	78.
15.1	45.0	4413.7	591.0	-6.9	-54.3	258.9	26.7	26.2	5.1	309.4	309.5	0.0	1.0	17.2	78.
15.5	46.0	4533.2	582.0	-8.0	-55.0	260.6	27.4	27.1	4.5	309.5	309.7	0.0	1.0	17.9	78.
15.9	47.0	4640.6	574.0	-8.3	-55.2	260.6	27.2	26.8	4.4	310.4	310.6	0.0	1.0	18.6	78.
16.2	48.0	4763.2	565.0	-8.6	-55.3	259.6	27.0	26.6	4.9	311.5	311.6	0.0	1.0	19.0	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

5 FEBRUARY 1975  
2315 GMT

159 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
16.7	49.0	4873.6	557.0	-9.0	-55.6	256.8	27.1	26.4	6.2	312.2	312.4	0.0	1.0	19.8	78.
17.1	50.0	4999.5	548.0	-9.6	-56.0	254.5	27.5	26.5	7.3	313.0	313.1	0.0	1.0	20.5	78.
17.6	51.0	5141.4	538.0	-10.4	-56.5	253.0	27.8	26.5	8.1	313.6	313.7	0.0	1.0	21.3	78.
18.0	52.0	5271.1	529.0	-11.2	-57.0	252.9	27.3	26.0	8.0	314.3	314.4	0.0	1.0	22.1	78.
18.4	53.0	5373.1	522.0	-12.4	-57.8	253.1	26.4	25.3	7.7	313.9	314.0	0.0	1.0	22.6	78.
18.9	54.0	5490.7	514.0	-13.6	-58.5	253.3	26.0	24.9	7.5	314.0	314.1	0.0	1.0	23.4	77.
19.2	55.0	5624.8	505.0	-14.5	-59.1	253.5	26.4	25.3	7.5	314.4	314.5	0.0	1.0	23.8	77.
19.8	56.0	5760.8	496.0	-15.5	-59.8	254.4	28.5	27.4	7.7	314.8	314.9	0.0	1.0	24.7	77.
20.1	57.0	5883.2	488.0	-16.6	-60.5	254.9	29.8	28.8	7.8	314.9	315.0	0.0	1.0	25.2	77.
20.5	58.0	6007.3	480.0	-17.3	-60.9	255.2	31.3	30.3	8.0	315.6	315.6	0.0	1.0	26.1	77.
21.0	59.0	6133.0	472.0	-18.1	-61.4	255.0	31.6	30.5	8.2	316.1	316.1	0.0	1.0	27.1	77.
21.4	60.0	6244.4	465.0	-19.3	-62.2	254.9	31.7	30.6	8.3	315.9	316.0	0.0	1.0	27.7	77.
21.9	61.0	6373.2	457.0	-20.1	-62.7	254.1	32.7	31.5	9.0	316.5	316.5	0.0	1.0	28.7	77.
22.3	62.0	6487.4	450.0	-20.8	-63.2	253.4	34.1	32.7	9.8	317.0	317.1	0.0	1.0	29.5	77.
22.7	63.0	6619.7	442.0	-21.9	-63.9	253.2	35.5	33.9	10.3	317.3	317.4	0.0	1.0	30.3	77.
23.2	64.0	6737.0	435.0	-22.8	-64.5	253.7	36.5	35.0	10.3	317.6	317.6	0.0	1.0	31.5	76.
23.6	65.0	6855.8	428.0	-23.5	-64.9	254.0	36.7	35.3	10.1	318.2	318.2	0.0	1.0	32.4	76.
24.1	66.0	7010.9	419.0	-24.5	-65.6	253.5	37.0	35.5	10.5	318.8	318.8	0.0	1.0	33.4	76.
24.6	67.0	7133.3	412.0	-25.5	-66.2	252.7	38.0	36.3	11.3	319.1	319.2	0.0	1.0	34.6	76.
25.0	68.0	7257.4	405.0	-26.5	-66.9	252.4	39.0	37.1	11.8	319.3	319.5	0.0	3.8	35.4	76.
25.4	69.0	7393.1	398.0	-27.5	-64.1	252.4	38.6	36.8	11.7	319.7	319.9	0.1	5.9	36.5	76.
25.9	70.0	7510.4	391.0	-28.8	-53.3	252.9	36.7	35.1	10.8	319.6	319.9	0.1	7.3	37.6	76.
26.3	71.0	7676.7	382.0	-30.1	-52.9	253.0	35.3	33.7	10.3	320.0	320.3	0.1	8.6	38.5	76.
26.8	72.0	7789.1	376.0	-31.4	-50.7	251.5	35.3	33.5	11.2	319.7	320.1	0.1	12.8	39.4	76.
27.2	73.0	7921.9	369.0	-32.6	-49.7	249.2	36.4	34.1	12.9	319.8	320.2	0.1	16.0	40.2	76.
27.7	74.0	8037.2	363.0	-33.4	-43.0	246.4	36.9	33.8	14.8	320.3	321.1	0.2	37.2	41.5	76.
28.2	75.0	8173.8	356.0	-34.1	-40.3	244.6	35.4	31.9	15.2	321.2	322.3	0.3	52.6	42.6	75.
28.6	76.0	8292.7	350.0	-34.7	-39.4	243.3	34.2	30.6	15.4	321.9	323.1	0.3	61.8	43.4	75.
29.1	77.0	8433.5	343.0	-35.7	-40.3	240.8	35.5	31.0	17.3	322.5	323.6	0.3	62.0	44.2	75.
29.5	78.0	8555.9	337.0	-37.0	-41.1	238.8	38.5	33.0	19.9	322.3	323.4	0.3	65.2	45.1	74.
30.0	79.0	8679.9	331.0	-38.1	-41.0	238.2	43.9	37.3	23.1	322.5	323.6	0.3	73.2	46.2	74.
30.4	80.0	8805.7	325.0	-38.9	-42.2	239.1	47.7*	40.9	24.5	323.0	324.0	0.3	70.5	47.3	74.
30.9	81.0	8976.5	317.0	-39.6	-43.3	239.8	49.2*	42.5	24.7	324.4	325.3	0.3	67.0	48.9	73.
31.4	82.0	9107.0	311.0	-40.5	99.9	239.0	45.9*	39.3	23.6	324.9	999.9	99.9	999.9	50.3	73.
31.7	83.0	9239.4	305.0	-41.8	99.9	238.0	43.1*	36.6	22.8	325.0	999.9	99.9	999.9	51.2	73.
32.2	84.0	9373.6	299.0	-43.3	99.9	237.2	40.7*	34.2	22.0	324.7	999.9	99.9	999.9	52.3	72.
32.7	85.0	9486.8	294.0	-44.6	99.9	238.6	43.4*	37.0	22.6	324.4	999.9	99.9	999.9	53.2	72.
33.3	86.0	9671.3	286.0	-45.3	99.9	240.7	49.4*	43.1	24.1	326.0	999.9	99.9	999.9	55.1	72.
33.9	87.0	9788.8	281.0	-46.0	99.9	241.6	53.2*	46.8	25.3	326.6	999.9	99.9	999.9	56.7	71.
34.4	88.0	9932.1	275.0	-46.8	99.9	242.6	54.7*	48.6	25.2	327.4	999.9	99.9	999.9	58.5	71.
34.9	89.0	10053.5	270.0	-47.9	99.9	244.0	54.0*	48.5	23.7	327.6	999.9	99.9	999.9	60.0	71.
35.4	90.0	10201.4	264.0	-48.9	99.9	244.5	51.6*	46.6	22.2	328.2	999.9	99.9	999.9	62.0	71.
36.0	91.0	10326.7	259.0	-50.1	99.9	244.1	51.6*	46.4	22.5	328.3	999.9	99.9	999.9	63.0	70.
36.5	92.0	10479.5	253.0	-51.0	99.9	244.2	53.7*	48.3	23.3	329.1	999.9	99.9	999.9	65.3	70.
37.1	93.0	10609.0	248.0	-52.5	99.9	243.9	56.0*	50.3	24.6	328.7	999.9	99.9	999.9	67.0	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

5 FEBRUARY 1975  
2315 GMT

159 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
37.7	94.0	10740.2	243.0	-53.8	99.9	242.7	58.1*	51.6	26.6	328.7	999.9	99.9	999.9	69.0	70.
38.2	95.0	10873.5	238.0	-54.8	99.9	241.7	55.8*	49.1	26.5	329.3	999.9	99.9	999.9	71.0	70.
39.0	96.0	11036.4	232.0	-55.7	99.9	240.4	51.1*	44.5	25.3	330.2	999.9	99.9	999.9	73.4	69.
39.5	97.0	11174.7	227.0	-57.2	99.9	239.8	58.2*	50.3	29.2	330.0	999.9	99.9	999.9	74.3	69.
40.0	98.0	11315.2	222.0	-58.4	99.9	238.8	62.7*	53.7	32.5	330.3	999.9	99.9	999.9	77.0	69.
40.5	99.0	11458.2	217.0	-59.3	99.9	237.4	55.9*	47.1	30.2	331.1	999.9	99.9	999.9	78.8	69.
41.2	100.0	11574.4	213.0	-60.5	99.9	236.1	44.4*	36.8	24.8	330.9	999.9	99.9	999.9	80.6	68.
42.0	101.0	11751.9	207.0	-61.4	99.9	238.9	49.5*	42.4	25.6	332.2	999.9	99.9	999.9	82.7	68.
42.6	102.0	11904.0	202.0	-60.4	99.9	241.4	62.8*	55.1	30.1	336.2	999.9	99.9	999.9	84.1	68.
43.1	103.0	12028.5	198.0	-60.9	99.9	242.4	65.5*	58.1	30.4	337.3	999.9	99.9	999.9	86.8	68.
43.7	104.0	12187.9	193.0	-59.8	99.9	243.4	53.6*	47.9	24.0	341.5	999.9	99.9	999.9	89.2	68.
44.3	105.0	12319.6	189.0	-57.2	99.9	245.7	50.4*	45.9	20.7	347.7	999.9	99.9	999.9	90.1	68.
45.0	106.0	12455.4	185.0	-55.6	99.9	247.5	71.2*	65.8	27.3	352.5	999.9	99.9	999.9	92.9	68.
45.6	107.0	12594.4	181.0	-56.4	99.9	247.9	75.9*	70.3	28.6	353.4	999.9	99.9	999.9	95.6	68.
46.2	108.0	12772.3	176.0	-56.4	99.9	249.4	59.7*	55.9	21.0	356.3	999.9	99.9	999.9	98.8	68.
46.9	109.0	12918.3	172.0	-56.2	99.9	252.9	49.3*	47.1	14.5	358.9	999.9	99.9	999.9	99.9	68.
47.6	110.0	13067.8	168.0	-56.1	99.9	254.4	50.7*	48.9	13.6	361.6	999.9	99.9	999.9	102.6	68.
48.3	111.0	13220.8	164.0	-56.9	99.9	253.8	61.4*	59.0	17.1	362.7	999.9	99.9	999.9	104.0	68.
49.0	112.0	13376.9	160.0	-57.7	99.9	252.6	91.8*	87.6	27.5	363.8	999.9	99.9	999.9	107.4	68.
49.7	113.0	13536.3	156.0	-58.6	99.9	253.0	86.1*	82.3	25.2	365.0	999.9	99.9	999.9	112.3	68.
50.3	114.0	13699.3	152.0	-59.1	99.9	253.5	67.4*	64.6	19.2	366.9	999.9	99.9	999.9	114.4	68.
50.9	115.0	13866.3	148.0	-59.6	99.9	254.3	58.5*	56.3	15.9	368.8	999.9	99.9	999.9	116.9	68.
51.8	116.0	14037.3	144.0	-60.7	99.9	253.8	58.7**	56.4	16.4	369.8	999.9	99.9	999.9	119.7	69.
52.3	117.0	14168.0	141.0	-61.6	99.9	251.1	57.9**	54.8	19.7	370.4	999.9	99.9	999.9	121.4	69.
52.9	118.0	14346.2	137.0	-61.8	99.9	246.7	51.6**	47.3	20.4	373.2	999.9	99.9	999.9	124.2	69.
53.3	119.0	14483.1	134.0	-62.5	99.9	243.4	48.2**	43.1	21.6	374.2	999.9	99.9	999.9	124.5	69.
53.9	120.0	14669.6	130.0	-63.5	99.9	238.0	43.4**	36.8	23.0	375.8	999.9	99.9	999.9	126.6	69.
54.7	121.0	14812.8	127.0	-63.9	99.9	229.6	32.2**	24.5	20.9	377.6	999.9	99.9	999.9	128.2	68.
55.4	122.0	14958.8	124.0	-65.4	99.9	233.5	48.7**	39.1	29.0	377.4	999.9	99.9	999.9	128.0	68.
56.1	123.0	15158.1	120.0	-66.0	99.9	236.8	61.3**	51.3	33.6	379.8	999.9	99.9	999.9	132.7	68.
56.8	124.0	15311.5	117.0	-66.4	99.9	233.5	49.8**	42.5	26.0	381.9	999.9	99.9	999.9	134.1	68.
57.4	125.0	15468.7	114.0	-66.6	99.9	242.6	50.9**	45.1	23.4	384.3	999.9	99.9	999.9	135.3	68.
58.2	126.0	15684.4	110.0	-67.5	99.9	245.9	32.6**	29.8	13.3	386.7	999.9	99.9	999.9	138.9	68.
58.9	127.0	15794.6	108.0	-68.7	99.9	248.0	20.9**	19.3	7.8	386.3	999.9	99.9	999.9	138.3	68.
59.6	128.0	15962.8	105.0	-69.8	99.9	249.4	48.7**	45.6	17.1	387.4	999.9	99.9	999.9	139.7	68.
60.2	129.0	16135.1	102.0	-70.7	99.9	250.1	60.0**	56.4	20.4	388.9	999.9	99.9	999.9	142.5	68.
60.9	130.0	16312.0	99.0	-71.0	99.9	249.6	40.6**	38.0	14.2	391.8	999.9	99.9	999.9	145.7	68.
61.8	131.0	16556.5	95.0	-70.5	99.9	242.6	22.9**	20.4	10.6	397.3	999.9	99.9	999.9	145.9	68.
62.5	132.0	16682.5	93.0	-71.4	99.9	242.7	31.0**	27.6	14.3	397.9	999.9	99.9	999.9	147.0	68.
63.1	133.0	16876.1	90.0	-71.9	99.9	245.4	29.4**	26.7	12.2	400.8	999.9	99.9	999.9	148.5	68.
63.7	134.0	17076.4	87.0	-71.0	99.9	247.3	30.7**	28.3	11.8	406.5	999.9	99.9	999.9	149.2	68.
64.3	135.0	17213.7	85.0	-72.3	99.9	247.4	41.8**	38.6	16.1	406.4	999.9	99.9	999.9	150.4	68.
65.1	136.0	17424.8	82.0	-72.8	99.9	245.3	42.2**	38.4	17.6	409.6	999.9	99.9	999.9	152.9	68.
65.9	137.0	17644.0	79.0	-71.9	99.9	242.9	35.1**	31.2	16.0	416.0	999.9	99.9	999.9	154.6	68.
66.8	138.0	17872.0	76.0	-72.3	99.9	246.3	33.4**	30.6	13.4	419.6	999.9	99.9	999.9	156.4	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

5 FEBRUARY 1975  
2315 GMT

159 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.7	139.0	18108.3	73.0	-73.3	99.9	248.9	29.8**	27.8	10.7	422.5	999.9	99.9	999.9	158.2	67.
68.6	140.0	18270.7	71.0	-73.8	99.9	254.0	30.6**	29.4	8.4	424.8	999.9	99.9	999.9	159.6	68.
69.6	141.0	18525.4	68.0	-69.6	99.9	253.3	42.1**	40.4	12.1	439.1	999.9	99.9	999.9	161.7	68.
70.2	142.0	18794.5	65.0	-69.6	99.9	251.5	38.1**	36.2	12.1	444.8	999.9	99.9	999.9	163.5	68.
71.1	143.0	19076.0	62.0	-65.8	99.9	248.9	10.9**	10.2	3.9	450.4	999.9	99.9	999.9	165.3	68.
72.1	144.0	19271.9	60.0	-68.5	99.9	249.1	21.3**	19.9	7.6	457.6	999.9	99.9	999.9	165.2	68.
73.2	145.0	19581.0	57.0	-66.4	99.9	254.6	32.1**	31.0	9.5	469.1	999.9	99.9	999.9	167.4	68.
74.2	146.0	19757.3	55.0	-66.4	99.9	257.1	26.4**	25.7	5.9	473.9	999.9	99.9	999.9	169.2	68.
75.3	147.0	20135.7	52.0	-67.9	99.9	54.7	14.2**	-11.0	-8.2	478.2	999.9	99.9	999.9	170.2	68.
76.6	148.0	20371.8	50.0	-67.5	99.9	50.8	10.5**	-8.1	-6.7	484.5	999.9	99.9	999.9	168.5	68.
77.8	149.0	20617.7	48.0	-67.5	99.9	253.1	24.8*	23.7	7.2	490.2	999.9	99.9	999.9	168.6	68.
79.1	150.0	21008.5	45.0	-65.4	99.9	249.3	29.0*	27.1	10.2	504.3	999.9	99.9	999.9	171.3	68.
80.6	151.0	21284.6	43.0	-66.2	99.9	295.8	11.5*	10.4	-5.0	508.9	999.9	99.9	999.9	173.1	68.
81.9	152.0	21724.6	40.0	-64.6	99.9	350.5	10.0*	1.6	-9.9	523.6	999.9	99.9	999.9	174.3	68.
83.4	153.0	22037.7	38.0	-64.8	99.9	9.5	6.5*	-1.1	-6.4	530.8	999.9	99.9	999.9	172.2	69.
85.1	154.0	22367.2	36.0	-65.4	99.9	258.4	18.6*	18.2	3.7	537.5	999.9	99.9	999.9	172.4	69.
87.0	155.0	22898.4	33.0	-64.1	99.9	249.5	28.3*	26.5	9.9	554.7	999.9	99.9	999.9	176.1	69.
88.8	156.0	23281.0	31.0	-64.4	99.9	259.9	25.8*	25.4	4.5	563.7	999.9	99.9	999.9	178.7	69.
90.6	157.0	23689.4	29.0	-63.7	99.9	260.7	17.9*	17.7	2.9	576.7	999.9	99.9	999.9	181.6	69.
92.7	158.0	24360.7	26.0	-62.9	99.9	249.5	28.8*	27.0	10.1	597.1	999.9	99.9	999.9	183.8	69.
95.0	159.0	24854.9	24.0	-61.8	99.9	252.5	30.0*	28.6	9.0	614.2	999.9	99.9	999.9	187.2	69.
97.6	160.0	25682.0	21.0	-61.6	99.9	252.2	31.0*	29.5	9.5	638.6	999.9	99.9	999.9	192.8	69.
100.2	161.0	26302.9	19.0	-61.1	99.9	265.4	26.8*	26.7	2.1	658.9	999.9	99.9	999.9	196.9	70.
103.3	162.0	26994.5	17.0	-60.7	99.9	999.9	99.9	99.9	99.9	681.3	999.9	99.9	999.9	999.9	999.



STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
600 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PQT T DG K	E PQT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.9	13.0	1012.9	8.9	6.9	310.0	4.1	3.1	-2.6	281.8	297.5	6.2	87.0	0.0	0.
0.4	5.0	36.7	1010.0	9.0*	99.9	999.9	99.9	99.9	99.9	281.3	999.9	99.9	999.9	999.9	999.
0.7	6.0	152.1	996.0	9.0*	99.9	999.9	99.9	99.9	99.9	282.5	999.9	99.9	999.9	999.9	999.
1.1	7.0	243.9	985.0	9.1*	99.9	999.9	99.9	99.9	99.9	283.4	999.9	99.9	999.9	999.9	999.
1.4	8.0	336.7	974.0	9.1*	99.9	999.9	99.9	99.9	99.9	284.4	999.9	99.9	999.9	999.9	999.
1.6	9.0	422.0	964.0	9.2*	99.9	999.9	99.9	99.9	99.9	285.3	999.9	99.9	999.9	999.9	999.
2.1	10.0	525.6	952.0	9.2*	99.9	999.9	99.9	99.9	99.9	286.4	999.9	99.9	999.9	999.9	999.
2.5	11.0	639.4	939.0	9.3*	99.9	999.9	99.9	99.9	99.9	287.6	999.9	99.9	999.9	999.9	999.
2.8	12.0	736.9	928.0	9.3*	99.9	999.9	99.9	99.9	99.9	288.6	999.9	99.9	999.9	999.9	999.
3.2	13.0	826.5	918.0	9.4*	99.9	999.9	99.9	99.9	99.9	289.5	999.9	99.9	999.9	999.9	999.
3.5	14.0	917.2	908.0	9.4*	99.9	999.9	99.9	99.9	99.9	290.5	999.9	99.9	999.9	999.9	999.
3.9	15.0	1018.1	897.0	9.5*	99.9	999.9	99.9	99.9	99.9	291.6	999.9	99.9	999.9	999.9	999.
4.2	16.0	1139.0	884.0	9.6*	99.9	999.9	99.9	99.9	99.9	292.9	999.9	99.9	999.9	999.9	999.
4.6	17.0	1242.7	873.0	9.6*	99.9	999.9	99.9	99.9	99.9	294.0	999.9	99.9	999.9	999.9	999.
4.9	18.0	1338.1	863.0	9.7*	99.9	999.9	99.9	99.9	99.9	295.0	999.9	99.9	999.9	999.9	999.
5.3	19.0	1434.8	853.0	9.7	5.2	999.9	99.9	99.9	99.9	296.9	314.6	6.5	73.3	999.9	999.
5.7	20.0	1532.6	843.0	8.3	4.0	999.9	99.9	99.9	99.9	296.3	312.8	6.1	74.5	999.9	999.
6.1	21.0	1651.2	831.0	8.1	4.0	249.4	21.5	20.1	7.6	297.3	314.2	6.2	75.5	5.9	89.
6.5	22.0	1761.2	820.0	7.0	3.2	249.3	21.0	19.6	7.4	297.3	313.4	5.9	76.4	6.4	87.
6.8	23.0	1862.1	810.0	6.5	-3.0	245.1	18.8	17.0	7.9	297.5	308.2	3.8	50.6	6.8	86.
7.2	24.0	1964.3	800.0	8.1	-20.6	240.6	17.3	15.1	8.5	299.9	302.7	0.9	10.9	7.1	85.
7.7	25.0	2057.5	791.0	7.9	-21.4	238.5	17.0	14.5	8.9	300.7	303.4	0.9	10.3	7.6	83.
8.0	26.0	2183.3	779.0	7.6	-24.1	237.8	16.8	14.2	8.9	301.6	303.8	0.7	8.3	7.9	82.
8.4	27.0	2289.4	769.0	6.5	-24.8	238.3	16.9	14.4	8.9	301.5	303.7	0.7	8.4	8.2	81.
8.7	28.0	2385.7	760.0	5.6	-23.7	238.4	17.1	14.5	8.9	301.6	304.0	0.7	9.9	8.5	80.
9.0	29.0	2493.8	750.0	4.8	-24.3	238.4	17.3	14.8	9.1	301.8	304.1	0.7	9.9	8.8	80.
9.4	30.0	2591.9	741.0	3.8	-25.0	238.3	17.4	14.8	9.1	301.8	303.9	0.7	10.0	9.2	78.
9.7	31.0	2691.0	732.0	3.3	-24.6	238.5	17.5	14.9	9.1	302.3	304.5	0.7	10.7	9.5	78.
10.1	32.0	2802.3	722.0	2.6	-25.1	238.7	17.7	15.2	9.2	302.7	304.9	0.7	10.8	9.9	77.
10.5	33.0	2903.5	713.0	1.8	-26.3	238.7	18.4	15.7	9.5	302.9	304.9	0.6	10.2	10.2	76.
10.8	34.0	3005.6	704.0	1.0	-26.9	238.2	18.9	16.1	10.0	303.1	305.0	0.6	10.3	10.6	76.
11.2	35.0	3120.4	694.0	-0.0	-26.9	238.2	19.6	16.6	10.3	303.3	305.2	0.6	11.0	11.1	75.
11.7	36.0	3248.0	683.0	-1.0	-27.6	240.6	20.4	17.7	10.0	303.6	305.5	0.6	11.1	11.6	74.
12.0	37.0	3353.6	674.0	-1.7	-27.5	243.5	21.0	18.8	9.4	303.9	305.8	0.6	11.8	12.0	74.
12.4	38.0	3460.3	665.0	-2.8	-28.3	249.3	22.5	21.0	8.0	303.8	305.6	0.6	11.9	12.4	73.
12.8	39.0	3568.2	656.0	-3.3	-28.6	254.2	24.1	23.2	6.6	304.5	306.2	0.5	11.9	13.0	73.
13.1	40.0	3677.3	647.0	-3.8	-29.5	257.0	25.1	24.4	5.7	305.1	306.8	0.5	11.3	13.5	73.
13.6	41.0	3800.3	637.0	-3.3	-29.6	259.2	25.9	25.5	4.8	307.0	308.7	0.5	10.7	14.3	74.
14.0	42.0	3912.7	628.0	-3.9	-28.5	259.4	26.1	25.7	4.8	307.6	309.5	0.6	12.6	15.0	74.
14.5	43.0	4013.8	620.0	-4.2	-23.3	257.7	26.7	26.1	5.7	308.4	311.4	0.9	20.9	15.6	74.
14.8	44.0	4128.8	611.0	-5.3	-22.1	256.4	27.0	26.2	6.3	308.5	311.9	1.1	25.2	16.1	74.
15.2	45.0	4245.3	602.0	-5.7	-22.3	255.0	26.7	25.7	6.9	309.3	312.7	1.1	25.6	16.9	74.
15.5	46.0	4349.9	594.0	-6.8	-23.0	254.0	25.9	24.9	7.1	309.3	312.5	1.0	26.1	17.4	74.
16.0	47.0	4455.6	586.0	-7.8	-23.2	251.9	24.2	23.0	7.5	309.3	312.5	1.0	27.7	18.1	74.
16.5	48.0	4562.2	578.0	-8.8	-23.3	248.5	24.6	22.9	9.0	309.3	312.5	1.0	29.7	18.7	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
600 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.8	49.0	4670.0	570.0	-9.9	-24.2	246.5	25.5	23.4	10.2	309.3	312.3	0.9	29.7	19.2	74.
17.1	50.0	4778.9	562.0	-10.7	-25.7	244.8	26.3	23.8	11.2	309.5	312.2	0.8	27.8	19.7	74.
17.6	51.0	4916.9	552.0	-10.9	-26.1	243.1	26.7	23.9	12.1	310.9	313.6	0.8	27.0	20.5	73.
17.9	52.0	5028.9	544.0	-12.0	-27.1	242.9	26.6	23.7	12.1	310.9	313.4	0.8	27.0	21.0	73.
18.4	53.0	5142.1	536.0	-12.8	-27.8	243.4	26.5	23.7	11.9	311.2	313.5	0.7	27.1	21.7	73.
18.7	54.0	5256.6	528.0	-13.8	-28.7	243.9	26.7	23.9	11.7	311.3	313.6	0.7	27.1	22.2	73.
19.1	55.0	5372.4	520.0	-14.7	-29.4	244.5	27.2	24.6	11.7	311.7	313.8	0.6	27.1	22.9	72.
19.6	56.0	5504.5	511.0	-15.4	-29.3	244.8	29.3	26.6	12.5	312.4	314.6	0.7	29.0	23.6	72.
20.0	57.0	5623.6	503.0	-15.9	-29.5	245.2	32.4	29.4	13.6	313.1	315.3	0.7	29.8	24.3	72.
20.4	58.0	5744.3	495.0	-16.3	-30.4	245.8	35.3	32.2	14.5	314.1	316.1	0.6	28.3	25.1	72.
20.7	59.0	5851.3	488.0	-17.0	-31.9	246.2	36.1	33.0	14.6	314.5	316.3	0.5	26.0	25.8	72.
21.0	60.0	5975.2	480.0	-17.7	-32.6	246.5	36.3	33.3	14.5	315.1	316.9	0.5	25.6	26.6	71.
21.4	61.0	6085.0	473.0	-18.5	-33.5	246.8	35.1	32.2	13.8	315.5	317.1	0.5	25.2	27.4	71.
21.8	62.0	6196.0	466.0	-19.6	-34.4	247.0	35.3	32.5	13.8	315.5	317.0	0.4	25.2	28.2	71.
22.3	63.0	6324.4	458.0	-20.7	-35.5	247.4	37.2	34.4	14.3	315.7	317.0	0.4	24.9	29.2	71.
22.7	64.0	6438.2	451.0	-21.3	-36.8	247.8	38.9	36.0	14.7	316.2	317.5	0.4	23.2	30.2	71.
23.1	65.0	6553.4	444.0	-22.0	-37.9	248.4	39.6	36.8	14.6	316.8	317.9	0.3	21.9	31.2	71.
23.6	66.0	6703.8	435.0	-22.9	-39.8	248.8	39.5	36.8	14.3	317.4	318.4	0.3	19.5	32.3	71.
24.0	67.0	6822.6	428.0	-23.7	-40.5	248.7	39.5	36.8	14.3	317.9	318.8	0.3	19.6	33.3	71.
24.5	68.0	6942.8	421.0	-24.7	-41.5	248.1	39.5	36.6	14.7	318.2	319.0	0.2	19.1	34.5	71.
24.8	69.0	7064.6	414.0	-25.7	-42.3	247.8	40.0	37.1	15.2	318.4	319.1	0.2	19.2	35.2	71.
25.2	70.0	7170.1	408.0	-27.0	-43.6	247.4	41.3	38.1	15.9	318.0	318.7	0.2	18.8	36.1	70.
25.7	71.0	7330.6	399.0	-28.1	-45.0	247.0	42.7	39.3	16.7	318.6	319.3	0.2	17.9	37.3	70.
26.0	72.0	7439.1	393.0	-29.2	-45.9	246.8	42.6	39.2	16.8	318.6	319.2	0.2	17.9	38.3	70.
26.5	73.0	7567.2	386.0	-30.5	-46.5	246.8	40.0	36.8	15.8	318.5	319.1	0.1	19.0	39.7	70.
26.9	74.0	7678.4	380.0	-31.4	-47.2	246.8	40.7	37.4	16.1	318.7	319.3	0.1	19.1	40.2	70.
27.4	75.0	7809.8	373.0	-32.2	-48.1	246.4	44.7*	40.9	17.9	319.4	319.9	0.1	18.7	41.5	70.
27.8	76.0	7924.0	367.0	-33.4	-49.1	246.0	46.4*	42.4	18.9	319.3	319.7	0.1	18.8	42.7	70.
28.3	77.0	8039.5	361.0	-34.5	-50.0	245.4	44.2*	40.2	18.4	319.4	319.8	0.1	18.8	44.3	70.
28.7	78.0	8176.1	354.0	-35.7	-49.4	244.8	41.0*	37.1	17.5	319.5	320.0	0.1	22.6	45.3	70.
29.1	79.0	8294.6	348.0	-37.0	-49.8	244.3	39.4*	35.5	17.1	319.3	319.7	0.1	24.7	46.0	70.
29.6	80.0	8414.6	342.0	-38.4	-49.4	244.4	42.1*	38.0	18.2	319.0	319.5	0.1	30.0	47.2	69.
30.1	81.0	8556.5	335.0	-39.5	-49.8	244.6	46.3*	41.9	19.9	319.4	319.9	0.1	31.8	48.5	69.
30.6	82.0	8679.9	329.0	-40.6	99.9	244.2	47.4*	42.6	20.6	319.7	999.9	99.9	999.9	50.1	69.
31.0	83.0	8805.2	323.0	-40.8	99.9	243.4	46.3*	41.4	20.8	321.0	999.9	99.9	999.9	51.2	69.
31.5	84.0	8932.5	317.0	-41.8	99.9	242.0	47.0*	41.5	22.0	321.3	999.9	99.9	999.9	52.5	69.
32.0	85.0	9061.9	311.0	-42.4	99.9	240.8	49.9*	43.5	24.3	322.3	999.9	99.9	999.9	53.8	69.
32.6	86.0	9215.7	304.0	-42.6	99.9	239.9	49.5*	42.8	24.8	324.0	999.9	99.9	999.9	55.9	68.
33.1	87.0	9327.3	299.0	-43.9	99.9	239.8	47.1*	40.7	23.7	323.8	999.9	99.9	999.9	57.2	68.
33.7	88.0	9463.1	293.0	-44.9	99.9	240.4	46.7*	40.6	23.0	324.3	999.9	99.9	999.9	58.8	68.
34.1	89.0	9577.9	288.0	-46.1	99.9	241.0	48.1*	42.1	23.3	324.2	999.9	99.9	999.9	60.0	68.
34.7	90.0	9717.6	282.0	-47.1	99.9	241.5	51.3*	45.1	24.5	324.7	999.9	99.9	999.9	61.6	68.
35.2	91.0	9835.9	277.0	-47.8	99.9	241.4	52.1*	45.7	24.9	325.3	999.9	99.9	999.9	63.4	67.
35.7	92.0	9956.0	272.0	-48.4	99.9	241.0	51.9*	45.4	25.2	326.2	999.9	99.9	999.9	65.0	67.
36.2	93.0	10102.5	266.0	-49.5	99.9	240.6	54.0*	47.0	26.5	326.7	999.9	99.9	999.9	66.1	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
600 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
36.7	94.0	10226.5	261.0	-50.5	99.9	240.0	55.9*	48.4	28.0	326.9	999.9	99.9	999.9	68.1	67.
37.1	95.0	10352.4	256.0	-51.6	99.9	239.2	54.9*	47.1	28.1	327.2	999.9	99.9	999.9	69.8	67.
37.7	96.0	10506.0	250.0	-52.5	99.9	238.7	53.6*	45.8	27.8	328.0	999.9	99.9	999.9	71.2	67.
38.2	97.0	10636.3	245.0	-53.3	99.9	239.0	58.4*	50.1	30.0	328.7	999.9	99.9	999.9	72.8	66.
38.7	98.0	10768.8	240.0	-54.3	99.9	238.7	66.0*	56.4	34.3	329.2	999.9	99.9	999.9	74.6	66.
39.2	99.0	10903.4	235.0	-55.2	99.9	237.7	70.8*	59.8	37.8	329.7	999.9	99.9	999.9	76.8	66.
39.7	100.0	11040.4	230.0	-56.4	99.9	236.4	68.8*	57.3	38.1	330.0	999.9	99.9	999.9	79.2	66.
40.4	101.0	11207.8	224.0	-57.4	99.9	234.1	59.3*	48.0	34.8	331.0	999.9	99.9	999.9	81.7	65.
41.0	102.0	11321.3	220.0	-58.6	99.9	233.7	56.7*	45.7	33.5	330.8	999.9	99.9	999.9	83.8	65.
41.6	103.0	11465.8	215.0	-58.6	99.9	236.6	66.2*	55.3	36.5	333.0	999.9	99.9	999.9	85.2	65.
42.1	104.0	11583.6	211.0	-59.1	99.9	238.3	73.0*	62.1	38.3	334.0	999.9	99.9	999.9	88.1	65.
42.7	105.0	11734.2	206.0	-58.6	99.9	239.3	72.5*	62.4	37.1	337.1	999.9	99.9	999.9	90.5	65.
43.2	106.0	11857.9	202.0	-56.7	99.9	239.6	68.6*	59.2	34.8	342.0	999.9	99.9	999.9	92.7	64.
43.8	107.0	12016.8	197.0	-56.7	99.9	239.9	61.8*	53.5	31.0	344.4	999.9	99.9	999.9	95.3	64.
44.4	108.0	12146.6	193.0	-57.6	99.9	242.1	58.9*	52.0	27.5	345.1	999.9	99.9	999.9	96.8	64.
44.9	109.0	12278.9	189.0	-57.4	99.9	245.2	59.4*	54.0	24.9	347.4	999.9	99.9	999.9	98.8	64.
45.5	110.0	12414.2	185.0	-56.9	99.9	248.3	53.2*	49.4	19.7	350.4	999.9	99.9	999.9	101.5	64.
46.2	111.0	12587.7	180.0	-56.9	99.9	248.3	59.1*	54.9	21.8	353.1	999.9	99.9	999.9	102.8	64.
46.8	112.0	12730.1	176.0	-56.9	99.9	247.7	84.8*	78.5	32.2	355.4	999.9	99.9	999.9	104.8	64.
47.4	113.0	12875.4	172.0	-57.8	99.9	247.9	88.4*	81.9	33.3	356.4	999.9	99.9	999.9	110.1	65.
48.0	114.0	13023.6	168.0	-58.6	99.9	248.9	56.9*	53.1	20.5	357.3	999.9	99.9	999.9	112.2	65.
48.7	115.0	13174.9	164.0	-59.0	99.9	250.3	35.5*	33.4	12.0	359.2	999.9	99.9	999.9	113.5	65.
49.4	116.0	13368.6	159.0	-60.2	99.9	249.5	39.4**	36.9	13.8	360.3	999.9	99.9	999.9	114.9	65.
50.0	117.0	13487.3	156.0	-60.4	99.9	247.4	52.6**	48.5	20.2	362.0	999.9	99.9	999.9	115.9	65.
50.6	118.0	13648.9	152.0	-61.3	99.9	246.0	65.1**	59.5	26.5	363.1	999.9	99.9	999.9	118.9	65.
51.1	119.0	13814.3	148.0	-61.5	99.9	246.0	74.2**	67.8	30.1	365.6	999.9	99.9	999.9	120.4	65.
51.8	120.0	13941.4	145.0	-60.9	99.9	246.0	84.7**	77.4	34.5	368.7	999.9	99.9	999.9	124.1	65.
52.5	121.0	14115.3	141.0	-60.9	99.9	243.8	73.1**	65.6	32.3	371.6	999.9	99.9	999.9	128.0	65.
53.1	122.0	14249.0	138.0	-60.9	99.9	240.1	45.4**	39.3	22.6	373.9	999.9	99.9	999.9	130.7	65.
53.8	123.0	14431.4	134.0	-61.9	99.9	237.3	45.0**	37.9	24.4	375.5	999.9	99.9	999.9	130.7	65.
54.3	124.0	14571.5	131.0	-62.0	99.9	237.7	59.6**	50.4	31.9	377.6	999.9	99.9	999.9	133.0	65.
54.9	125.0	14714.5	128.0	-62.8	99.9	237.7	72.5**	61.3	38.7	378.7	999.9	99.9	999.9	135.0	65.
55.8	126.0	14909.5	124.0	-64.1	99.9	237.0	64.9**	54.4	35.4	379.7	999.9	99.9	999.9	140.0	64.
56.4	127.0	15109.6	120.0	-65.5	99.9	238.2	54.9**	46.7	28.9	380.8	999.9	99.9	999.9	140.7	64.
57.0	128.0	15263.4	117.0	-66.1	99.9	241.4	63.5**	55.8	30.4	382.4	999.9	99.9	999.9	143.7	64.
57.7	129.0	15420.4	114.0	-67.4	99.9	244.1	80.5**	72.4	35.2	383.0	999.9	99.9	999.9	146.0	64.
58.3	130.0	15580.8	111.0	-68.2	99.9	246.1	67.8**	62.0	27.5	384.3	999.9	99.9	999.9	150.0	64.
59.2	131.0	15800.9	107.0	-68.7	99.9	280.6	8.3**	8.2	-1.5	387.5	999.9	99.9	999.9	152.0	64.
59.8	132.0	15970.8	104.0	-69.8	99.9	327.7	6.5**	3.5	-5.5	388.6	999.9	99.9	999.9	150.7	64.
60.4	133.0	16144.7	101.0	-70.9	99.9	256.6	26.8**	26.1	6.2	389.7	999.9	99.9	999.9	151.2	64.
60.9	134.0	16323.5	98.0	-70.4	99.9	245.9	48.9**	44.6	19.9	393.9	999.9	99.9	999.9	152.6	65.
61.4	135.0	16446.3	96.0	-69.3	99.9	241.4	64.2**	56.4	30.7	398.5	999.9	99.9	999.9	153.8	65.
62.1	136.0	16700.3	92.0	-69.5	99.9	239.5	60.9**	52.5	30.9	402.9	999.9	99.9	999.9	158.1	64.
63.1	137.0	16857.6	89.0	-70.4	99.9	240.1	52.9**	45.9	26.4	404.9	999.9	99.9	999.9	160.0	64.
64.0	138.0	17170.6	85.0	-70.4	99.9	238.8	66.3**	56.7	34.4	410.3	999.9	99.9	999.9	164.6	64.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
600 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.9	139.0	17384.0	82.0	-70.4	99.9	240.4	51.9**	45.1	25.6	414.5	999.9	99.9	999.9	166.5	64.
65.7	140.0	17605.8	79.0	-69.5	99.9	256.3	12.2**	11.9	2.9	420.8	999.9	99.9	999.9	169.8	64.
66.7	141.0	17837.5	76.0	-68.2	99.9	275.6	10.7**	10.7	-1.0	428.3	999.9	99.9	999.9	167.8	64.
67.5	142.0	18078.6	73.0	-69.3	99.9	247.6	36.9**	34.1	14.1	430.9	999.9	99.9	999.9	169.8	64.
68.4	143.0	18329.0	70.0	-69.5	99.9	250.7	38.0**	35.8	12.5	435.7	999.9	99.9	999.9	171.9	64.
69.4	144.0	18590.3	67.0	-69.5	99.9	250.6	39.1**	36.9	12.9	441.1	999.9	99.9	999.9	174.1	64.
70.3	145.0	18863.4	64.0	-69.8	99.9	247.0	40.0**	36.9	15.6	446.5	999.9	99.9	999.9	176.3	64.
71.3	146.0	19150.5	61.0	-68.2	99.9	245.1	38.7**	35.1	16.3	456.1	999.9	99.9	999.9	178.6	65.
72.4	147.0	19453.5	58.0	-67.8	99.9	244.0	23.4**	21.0	10.2	463.7	999.9	99.9	999.9	181.1	64.
73.6	148.0	19773.5	55.0	-67.2	99.9	56.8	24.5**	-20.5	-13.4	472.2	999.9	99.9	999.9	180.6	65.
74.7	149.0	19957.0	53.0	-67.2	99.9	62.3	27.5**	-24.3	-12.8	477.2	999.9	99.9	999.9	179.5	65.
75.8	150.0	20349.4	50.0	-66.1	99.9	65.0	28.4**	-25.7	-12.0	487.7	999.9	99.9	999.9	176.7	65.
76.9	151.0	20722.6	47.0	-68.4	99.9	230.2	10.7**	8.2	6.9	490.9	999.9	99.9	999.9	176.2	65.
78.2	152.0	21120.3	44.0	-66.1	99.9	251.8	17.4**	16.5	5.4	505.8	999.9	99.9	999.9	176.8	65.
79.7	153.0	21550.2	41.0	-64.5	99.9	245.2	31.6**	28.7	13.3	520.2	999.9	99.9	999.9	180.0	65.
81.0	154.0	21856.1	39.0	-64.1	99.9	269.2	8.0**	8.0	0.1	528.6	999.9	99.9	999.9	182.3	65.
82.7	155.0	22346.6	36.0	-63.7	99.9	247.6	51.6**	47.7	19.7	541.9	999.9	99.9	999.9	183.6	65.
84.1	156.0	22879.9	33.0	-64.1	99.9	244.8	56.3**	50.9	24.0	554.5	999.9	99.9	999.9	187.9	65.
85.9	157.0	23463.7	30.0	-63.9	99.9	256.9	22.8**	22.2	5.2	570.4	999.9	99.9	999.9	194.1	65.
87.9	158.0	23887.7	28.0	-62.8	99.9	298.9	6.2**	5.4	-3.0	584.9	999.9	99.9	999.9	194.8	65.
89.9	159.0	24587.9	25.0	-61.7	99.9	322.1	9.0*	5.5	-7.1	607.4	999.9	99.9	999.9	194.8	65.
92.2	160.0	25381.5	22.0	-60.8	99.9	252.7	64.2*	61.3	19.1	632.8	999.9	99.9	999.9	198.7	66.
95.1	161.0	25975.0	20.0	-60.4	99.9	251.1	27.0*	25.6	8.7	651.4	999.9	99.9	999.9	202.1	66.
98.0	162.0	26987.8	17.0	-60.4	99.9	251.9	40.7*	38.7	12.7	682.3	999.9	99.9	999.9	206.4	66.
101.3	163.0	28201.9	14.0	-59.0	99.9	999.9	99.9	99.9	99.9	726.1	999.9	99.9	999.9	999.9	999.

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
1115 GMT

163 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	13.0	1011.5	9.4	8.3	190.0	2.6	0.5	2.6	282.5	299.9	6.8	93.0	0.0	0.
0.4	6.0	133.3	997.0	11.0	8.4	254.0	6.7	6.4	1.8	285.3	303.3	7.0	84.1	0.2	35.
0.7	7.0	234.7	985.0	12.2	6.2	260.0	6.7	6.6	1.2	287.3	303.2	6.1	67.0	0.3	45.
1.1	8.0	329.2	974.0	14.1	3.5	271.8	7.4	7.4	-0.2	290.1	303.7	5.1	48.6	0.4	58.
1.5	9.0	425.1	963.0	14.1	3.0	280.9	9.6	9.4	-1.8	291.1	304.4	5.0	47.1	0.6	70.
1.8	10.0	530.8	951.0	13.7	3.1	282.1	11.0	10.8	-2.3	291.7	305.3	5.0	48.6	0.8	78.
2.2	11.0	646.7	938.0	13.1	2.9	281.9	11.8	11.6	-2.4	292.2	305.9	5.0	49.8	1.0	85.
2.7	12.0	745.8	927.0	12.2	4.5	276.3	11.5	11.5	-1.3	292.3	307.6	5.7	59.3	1.4	89.
3.0	13.0	836.6	917.0	11.2	5.4	269.8	11.7	11.7	0.0	292.3	308.8	6.2	67.6	1.6	90.
3.3	14.0	946.7	905.0	10.4	9.9	262.2	13.4	13.3	1.8	292.9	315.3	8.5	96.2	1.8	89.
3.7	15.0	1048.7	894.0	9.9	9.3	255.5	15.7	15.2	3.9	293.3	315.2	8.3	96.3	2.1	87.
4.1	16.0	1170.6	881.0	9.5	9.0	251.5	17.4	16.5	5.5	294.2	316.0	8.2	96.8	2.5	85.
4.5	17.0	1274.9	870.0	8.4	7.9	249.7	17.7	16.6	6.1	294.0	314.6	7.7	96.8	3.0	83.
4.9	18.0	1370.6	860.0	7.9	7.3	248.6	17.5	16.3	6.4	294.4	314.3	7.5	96.2	3.4	81.
5.2	19.0	1476.9	849.0	7.0	5.5	248.1	18.2	16.9	6.8	294.4	312.4	6.7	90.4	3.7	80.
5.6	20.0	1574.4	839.0	6.4	5.1	247.5	19.1	17.7	7.3	294.8	312.6	6.6	91.2	4.1	79.
6.0	21.0	1702.7	826.0	6.2	5.1	245.8	18.7	17.1	7.6	296.0	314.1	6.7	92.6	4.6	78.
6.4	22.0	1802.7	816.0	5.7	4.1	244.6	18.0	16.3	7.7	296.4	313.6	6.3	89.5	5.0	76.
6.7	23.0	1903.6	806.0	4.7	3.2	244.2	18.8	16.9	8.2	296.3	312.6	6.0	90.2	5.3	76.
7.1	24.0	2005.5	796.0	4.0	3.1	244.0	20.1	18.1	8.8	296.6	313.0	6.0	93.9	5.8	75.
7.4	25.0	2118.6	785.0	3.0	2.2	243.5	20.1	18.0	9.0	296.6	312.3	5.7	94.4	6.1	74.
7.9	26.0	2243.4	773.0	2.1	1.5	243.2	20.6	18.4	9.3	297.0	312.2	5.5	95.3	6.7	73.
8.3	27.0	2348.7	763.0	2.8	-26.1	242.9	21.8	19.4	9.9	298.2	300.1	0.6	9.7	7.2	72.
8.7	28.0	2445.0	754.0	4.5	-47.2	242.2	23.2	20.6	10.8	301.0	301.3	0.1	1.0	7.7	72.
9.1	29.0	2553.6	744.0	4.8	-46.9	240.9	24.6	21.5	11.9	302.5	302.8	0.1	1.0	8.3	71.
9.5	30.0	2663.8	734.0	4.7	-47.1	239.0	25.2	21.6	13.0	303.5	303.8	0.1	1.0	9.0	70.
9.9	31.0	2775.2	724.0	3.6	-47.7	237.3	25.0	21.0	13.5	303.6	303.8	0.1	1.0	9.5	70.
10.3	32.0	2876.5	715.0	2.8	-48.2	237.2	24.8	20.8	13.4	303.7	304.0	0.1	1.0	10.1	69.
10.7	33.0	2978.7	706.0	1.8	-34.1	238.9	25.0	21.4	12.9	303.8	304.7	0.3	4.8	10.7	68.
11.1	34.0	3093.5	696.0	1.1	-27.2	242.1	25.6	22.6	12.0	304.3	306.2	0.6	9.8	11.3	68.
11.5	35.0	3197.9	687.0	0.3	-24.5	245.7	26.5	24.2	10.9	304.5	307.0	0.8	13.3	11.8	67.
11.9	36.0	3326.9	676.0	-1.1	-23.2	248.8	26.9	25.0	9.7	304.3	307.1	0.9	16.7	12.6	67.
12.2	37.0	3433.6	667.0	-2.1	-23.0	251.0	27.1	25.6	8.8	304.4	307.3	0.9	18.3	13.1	68.
12.6	38.0	3541.3	658.0	-3.2	-20.9	253.6	27.4	26.3	7.7	304.4	307.8	1.1	23.9	13.6	68.
12.9	39.0	3650.0	649.0	-4.4	-20.6	255.3	28.0	27.1	7.1	304.2	307.8	1.1	26.9	14.2	68.
13.2	40.0	3759.9	640.0	-5.2	-17.0	256.7	28.8	28.0	6.6	304.6	309.4	1.6	38.8	14.7	68.
13.7	41.0	3883.3	630.0	-6.4	-15.7	258.3	30.6	30.0	6.2	304.6	310.0	1.8	47.3	15.5	69.
14.1	42.0	3995.7	621.0	-7.4	-11.6	259.0	32.2	31.6	6.1	304.8	312.3	2.5	71.8	16.2	69.
14.4	43.0	4109.3	612.0	-8.2	-14.9	259.3	33.1	32.5	6.1	305.1	311.1	2.0	58.2	16.9	70.
14.7	44.0	4224.3	603.0	-8.8	-17.5	259.6	32.9	32.4	6.0	305.7	310.6	1.6	48.9	17.5	70.
15.1	45.0	4327.7	595.0	-9.4	-22.2	259.7	31.9	31.4	5.7	306.1	309.5	1.1	34.2	18.3	70.
15.5	46.0	4445.4	586.0	-9.8	-50.2	259.8	30.5	30.0	5.4	306.8	307.1	0.1	2.0	19.0	71.
15.9	47.0	4551.3	578.0	-10.5	-33.4	259.5	30.7	30.2	5.6	307.2	308.5	0.4	13.1	19.6	71.
16.3	48.0	4658.4	570.0	-10.9	-31.9	258.6	31.6	31.0	6.2	308.0	309.5	0.5	15.8	20.4	71.
16.7	49.0	4766.9	562.0	-11.5	-30.5	257.0	32.6	31.8	7.3	308.5	310.3	0.5	18.9	21.2	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
1115 GMT

163 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.1	50.0	4876.7	554.0	-12.1	-30.0	254.9	33.8	32.6	8.8	309.1	311.0	0.6	20.8	22.0	72.
17.6	51.0	5015.7	544.0	-13.2	-29.5	252.0	35.6	33.9	11.0	309.4	311.4	0.6	23.9	23.0	72.
18.0	52.0	5128.4	536.0	-13.9	-29.2	250.3	37.1	34.9	12.5	309.9	312.0	0.6	26.0	23.8	72.
18.3	53.0	5242.4	528.0	-14.9	-29.9	249.8	37.5	35.1	13.0	310.0	312.0	0.6	26.4	24.6	72.
18.8	54.0	5357.8	520.0	-15.4	-30.5	249.7	37.9	35.6	13.2	310.7	312.6	0.6	26.0	25.7	72.
19.2	55.0	5460.0	513.0	-16.1	-30.2	250.3	37.8	35.6	12.7	311.1	313.1	0.6	28.3	26.6	72.
19.7	56.0	5608.1	503.0	-16.8	-30.3	251.3	36.7	34.8	11.7	312.0	314.0	0.6	29.7	27.9	72.
20.1	57.0	5728.3	495.0	-17.5	-33.1	252.2	35.7	34.0	10.9	312.6	314.2	0.5	24.1	28.7	72.
20.6	58.0	5850.2	487.0	-18.2	-33.7	253.2	36.7	35.1	10.6	313.2	314.8	0.5	24.2	29.5	72.
20.9	59.0	5958.3	480.0	-18.6	-38.8	253.7	38.3	36.7	10.7	314.0	314.9	0.3	14.9	30.3	72.
21.3	60.0	6067.7	473.0	-19.0	-41.9	254.3	39.1	37.7	10.6	314.8	315.5	0.2	11.1	31.3	72.
21.7	61.0	6178.6	466.0	-19.7	-53.6	255.0	39.2	37.8	10.1	315.3	315.5	0.1	3.1	32.3	72.
22.1	62.0	6306.9	458.0	-20.6	-54.0	255.9	39.2	38.0	9.6	315.7	315.9	0.1	3.2	33.2	72.
22.5	63.0	6420.7	451.0	-21.4	-54.4	256.6	40.5	39.4	9.4	316.1	316.3	0.0	3.3	34.0	72.
23.0	64.0	6535.8	444.0	-22.5	-54.9	256.2	42.8*	41.5	10.2	316.1	316.3	0.0	3.4	35.3	72.
23.4	65.0	6652.2	437.0	-23.4	-55.3	254.9	42.2*	40.8	11.0	316.4	316.6	0.0	3.5	36.5	72.
23.9	66.0	6804.3	428.0	-24.1	-55.6	253.3	39.9*	38.2	11.4	317.4	317.6	0.0	3.5	37.7	72.
24.3	67.0	6907.0	422.0	-25.4	-56.3	252.4	38.8*	36.9	11.7	317.0	317.2	0.0	3.7	38.6	72.
24.8	68.0	7028.1	415.0	-26.6	-56.9	251.5	37.5*	37.4	12.5	317.0	317.2	0.0	3.8	39.7	72.
25.4	69.0	7150.8	408.0	-27.4	-52.4	251.2	41.3*	39.1	13.3	317.6	317.8	0.1	7.1	41.2	72.
25.8	70.0	7257.2	402.0	-28.5	-51.9	251.2	41.4*	39.2	13.4	317.4	317.7	0.1	8.5	42.2	72.
26.4	71.0	7419.1	393.0	-29.6	-51.0	250.6	40.9*	38.5	13.6	318.1	318.4	0.1	10.4	43.7	72.
26.8	72.0	7528.6	387.0	-30.6	-50.5	250.0	40.9*	38.4	14.0	318.1	318.5	0.1	12.2	44.6	72.
27.3	73.0	7639.3	381.0	-31.9	-50.7	249.7	41.4*	38.8	14.3	317.8	318.2	0.1	13.4	45.9	72.
27.7	74.0	7770.1	374.0	-32.7	-52.1	249.6	42.1*	39.5	14.7	318.5	318.8	0.1	12.3	46.9	72.
28.2	75.0	7883.8	368.0	-33.8	-55.0	248.9	43.6*	40.7	15.7	318.5	318.7	0.1	9.6	48.1	72.
28.7	76.0	7998.8	362.0	-34.6	-59.4	247.5	45.3*	41.8	17.4	319.0	319.1	0.0	6.0	49.4	72.
29.1	77.0	8134.9	355.0	-35.9	-58.8	246.1	45.4*	41.5	18.4	319.0	319.1	0.0	7.4	50.6	72.
29.5	78.0	8253.1	349.0	-37.1	-59.0	244.5	43.4*	39.2	18.7	318.9	319.1	0.0	8.1	51.8	72.
30.0	79.0	8372.8	343.0	-37.9	-59.0	242.7	39.4*	35.0	18.1	319.4	319.6	0.0	8.8	53.1	71.
30.5	80.0	8494.2	337.0	-38.8	-62.1	241.9	39.4*	34.8	18.5	319.8	319.9	0.0	6.4	53.8	71.
31.1	81.0	8638.0	330.0	-39.7	99.9	241.7	43.6*	38.4	20.7	320.5	999.9	99.9	999.9	55.5	71.
31.6	82.0	8763.2	324.0	-40.5	99.9	241.5	46.1*	40.5	22.0	321.1	999.9	99.9	999.9	56.9	71.
32.1	83.0	8869.0	319.0	-41.5	99.9	241.9	46.3*	40.8	21.8	321.2	999.9	99.9	999.9	58.2	71.
32.7	84.0	8997.6	313.0	-42.3	99.9	242.7	44.7*	39.7	20.5	321.8	999.9	99.9	999.9	59.1	70.
33.1	85.0	9128.2	307.0	-43.3	99.9	242.8	44.3*	39.5	20.2	322.2	999.9	99.9	999.9	61.0	70.
33.7	86.0	9260.8	301.0	-44.1	99.9	242.4	49.7*	44.1	23.0	322.9	999.9	99.9	999.9	62.3	70.
34.1	87.0	9372.9	296.0	-45.2	99.9	242.2	54.7*	48.4	25.5	322.9	999.9	99.9	999.9	63.6	70.
34.4	88.0	9509.3	290.0	-46.5	99.9	242.1	56.7*	50.1	26.5	323.0	999.9	99.9	999.9	64.9	70.
34.9	89.0	9647.8	284.0	-47.5	99.9	241.3	53.0*	46.5	25.4	323.5	999.9	99.9	999.9	66.6	70.
35.4	90.0	9764.9	279.0	-48.8	99.9	239.0	44.2*	37.9	22.7	323.3	999.9	99.9	999.9	68.2	69.
35.9	91.0	9883.4	274.0	-49.9	99.9	236.2	38.3*	31.8	21.3	323.2	999.9	99.9	999.9	69.2	69.
36.4	92.0	10003.6	269.0	-50.5	99.9	236.5	40.5*	33.7	22.3	324.1	999.9	99.9	999.9	70.0	69.
37.0	93.0	10125.7	264.0	-51.7	99.9	238.8	49.5*	42.4	25.6	324.1	999.9	99.9	999.9	71.7	69.
37.6	94.0	10249.4	259.0	-52.8	99.9	239.2	54.6*	46.9	28.0	324.3	999.9	99.9	999.9	73.6	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
1115 GMT

163 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.1	95.0	10375.1	254.0	-53.0	99.9	237.8	52.9*	44.7	28.2	325.9	999.9	99.9	999.9	75.4	68.
38.7	96.0	10529.2	248.0	-53.4	99.9	236.0	50.1*	41.6	28.1	327.4	999.9	99.9	999.9	77.1	68.
39.4	97.0	10660.3	243.0	-53.4	99.9	237.4	60.7*	51.1	32.7	329.3	999.9	99.9	999.9	79.0	68.
39.9	98.0	10794.1	238.0	-53.4	99.9	238.6	72.6*	62.0	37.8	331.3	999.9	99.9	999.9	80.9	67.
40.3	99.0	10902.9	234.0	-54.5	99.9	238.6	74.8*	63.8	39.0	331.3	999.9	99.9	999.9	83.1	67.
40.9	100.0	11041.0	229.0	-55.3	99.9	238.0	67.6*	57.3	35.8	332.1	999.9	99.9	999.9	86.0	67.
41.4	101.0	11210.4	223.0	-55.3	99.9	238.7	62.9*	53.8	32.7	334.6	999.9	99.9	999.9	87.3	67.
41.9	102.0	11325.6	219.0	-56.6	99.9	241.1	62.0*	54.3	29.9	334.4	999.9	99.9	999.9	89.3	67.
42.3	103.0	11471.8	214.0	-57.4	99.9	242.7	56.9*	50.6	26.1	335.3	999.9	99.9	999.9	91.1	66.
42.8	104.0	11590.8	210.0	-58.4	99.9	242.8	46.4*	41.3	21.2	335.6	999.9	99.9	999.9	92.7	66.
43.2	105.0	11711.9	206.0	-57.7	99.9	241.4	41.7*	36.6	19.9	338.5	999.9	99.9	999.9	93.5	66.
43.8	106.0	11835.7	202.0	-57.7	99.9	240.7	51.5*	44.9	25.2	340.4	999.9	99.9	999.9	94.5	66.
44.4	107.0	11993.6	197.0	-58.2	99.9	241.7	70.1*	61.8	33.2	342.1	999.9	99.9	999.9	96.7	66.
45.0	108.0	12123.2	193.0	-56.7	99.9	242.5	74.4*	66.0	34.4	346.4	999.9	99.9	999.9	100.7	66.
45.6	109.0	12255.9	189.0	-57.1	99.9	243.9	77.8**	69.9	34.3	348.0	999.9	99.9	999.9	102.0	66.
46.2	110.0	12391.3	185.0	-56.9	99.9	244.2	84.6**	76.2	36.9	350.4	999.9	99.9	999.9	105.3	66.
47.0	111.0	12564.7	180.0	-57.4	99.9	241.2	60.8**	53.2	29.3	352.4	999.9	99.9	999.9	110.1	66.
47.7	112.0	12670.8	177.0	-57.7	99.9	239.8	42.4**	36.6	21.3	353.5	999.9	99.9	999.9	111.1	66.
48.2	113.0	12815.0	173.0	-57.9	99.9	242.4	50.6**	44.8	23.5	355.6	999.9	99.9	999.9	112.1	66.
48.8	114.0	12962.4	169.0	-58.2	99.9	243.8	70.7**	63.4	31.2	357.4	999.9	99.9	999.9	114.3	66.
49.4	115.0	13113.0	165.0	-58.7	99.9	244.1	76.3**	68.7	33.3	359.0	999.9	99.9	999.9	117.6	66.
50.2	116.0	13267.0	161.0	-59.2	99.9	246.5	57.7**	52.9	23.0	360.7	999.9	99.9	999.9	121.1	66.
50.8	117.0	13424.6	157.0	-59.2	99.9	248.0	53.0**	49.1	19.9	363.3	999.9	99.9	999.9	122.2	66.
51.4	118.0	13565.3	154.0	-59.9	99.9	247.1	53.2**	49.0	20.7	364.1	999.9	99.9	999.9	124.8	66.
52.0	119.0	13709.2	150.0	-61.1	99.9	246.0	43.6**	39.8	17.8	364.8	999.9	99.9	999.9	126.6	66.
52.6	120.0	13834.5	147.0	-61.7	99.9	245.7	39.1**	35.7	16.1	366.0	999.9	99.9	999.9	127.7	66.
53.2	121.0	14005.4	143.0	-61.7	99.9	245.7	52.8**	48.1	21.7	368.9	999.9	99.9	999.9	129.0	66.
53.9	122.0	14136.8	140.0	-61.7	99.9	245.7	79.8**	72.8	32.9	371.1	999.9	99.9	999.9	131.8	66.
54.5	123.0	14270.7	137.0	-62.4	99.9	245.5	88.7**	80.8	36.7	372.1	999.9	99.9	999.9	135.3	66.
55.1	124.0	14407.5	134.0	-62.0	99.9	244.3	84.8**	76.4	36.7	375.2	999.9	99.9	999.9	138.6	66.
55.7	125.0	14594.8	130.0	-62.4	99.9	242.8	92.0**	81.8	42.1	377.8	999.9	99.9	999.9	141.0	66.
56.4	126.0	14738.7	127.0	-62.9	99.9	242.5	98.9**	87.7	45.7	379.3	999.9	99.9	999.9	145.5	66.
57.0	127.0	14935.5	123.0	-63.5	99.9	242.3	77.6**	68.7	36.0	381.8	999.9	99.9	999.9	149.9	65.
57.6	128.0	15086.9	120.0	-64.2	99.9	241.9	44.4**	39.1	20.9	383.1	999.9	99.9	999.9	151.3	65.
58.2	129.0	15189.7	118.0	-64.4	99.9	241.0	21.2**	18.5	10.3	384.6	999.9	99.9	999.9	152.4	65.
58.7	130.0	15347.0	115.0	-64.8	99.9	237.4	15.2**	12.8	8.2	386.8	999.9	99.9	999.9	152.7	65.
59.5	131.0	15563.1	111.0	-64.8	99.9	241.8	40.7**	35.9	19.3	390.7	999.9	99.9	999.9	153.2	65.
60.1	132.0	15730.1	108.0	-65.4	99.9	245.8	62.7**	57.2	25.7	392.7	999.9	99.9	999.9	155.1	65.
60.7	133.0	15901.4	105.0	-65.6	99.9	248.1	57.0**	52.8	21.3	395.5	999.9	99.9	999.9	158.5	65.
61.3	134.0	16018.3	103.0	-65.8	99.9	248.2	41.5**	38.6	15.5	397.3	999.9	99.9	999.9	159.7	65.
62.0	135.0	16198.0	100.0	-65.4	99.9	245.9	34.9**	31.8	14.3	401.4	999.9	99.9	999.9	161.2	65.
62.8	136.0	16382.8	97.0	-66.7	99.9	245.4	26.4**	24.0	11.0	402.3	999.9	99.9	999.9	162.8	65.
63.6	137.0	16572.1	94.0	-68.2	99.9	242.4	11.2**	9.9	5.2	403.1	999.9	99.9	999.9	164.0	65.
64.3	138.0	16766.9	91.0	-68.2	99.9	235.0	19.0**	15.6	10.9	406.9	999.9	99.9	999.9	163.7	65.
65.0	139.0	16967.2	88.0	-70.1	99.9	220.4	14.3**	9.3	10.9	407.0	999.9	99.9	999.9	165.4	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6. FEBRUARY 1975  
1115 GMT

163 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.7	140.0	17172.9	85.0	-71.4	99.9	100.4	5.7**	-5.6	1.0	408.4	999.9	99.9	999.9	165.2	65.
66.5	141.0	17385.1	82.0	-71.6	99.9	246.6	51.6**	47.4	20.5	412.1	999.9	99.9	999.9	164.0	65.
67.3	142.0	17605.5	79.0	-70.9	99.9	247.5	82.5**	76.3	31.5	417.9	999.9	99.9	999.9	169.8	65.
68.2	143.0	17835.7	76.0	-69.4	99.9	248.1	67.8**	62.9	25.3	425.8	999.9	99.9	999.9	172.9	65.
69.0	144.0	18077.7	73.0	-66.5	99.9	248.5	52.5**	48.9	19.2	436.8	999.9	99.9	999.9	177.6	65.
69.9	145.0	18245.6	71.0	-67.1	99.9	244.3	39.7**	35.8	17.3	439.0	999.9	99.9	999.9	177.0	65.
70.7	146.0	18506.6	68.0	-66.3	99.9	247.4	58.3**	53.9	22.4	446.1	999.9	99.9	999.9	181.3	65.
71.5	147.0	18779.9	65.0	-66.3	99.9	244.9	45.9**	41.6	19.4	451.9	999.9	99.9	999.9	183.6	65.
72.4	148.0	19065.5	62.0	-67.3	99.9	216.0	13.0**	7.7	10.5	455.9	999.9	99.9	999.9	186.0	65.
73.3	149.0	19263.6	60.0	-66.3	99.9	94.4	14.9**	-14.9	1.1	462.4	999.9	99.9	999.9	185.1	65.
74.2	150.0	19575.8	57.0	-64.4	99.9	82.7	20.0**	-19.8	-2.5	473.6	999.9	99.9	999.9	183.7	65.
75.1	151.0	19794.6	55.0	-63.5	99.9	81.2	4.6**	-4.5	-0.7	480.6	999.9	99.9	999.9	183.5	65.
76.0	152.0	20138.8	52.0	-63.9	99.9	51.9	13.3**	-10.4	-8.2	487.5	999.9	99.9	999.9	184.1	65.
77.0	153.0	20378.7	50.0	-64.8	99.9	63.0	17.0**	-15.1	-7.7	490.8	999.9	99.9	999.9	180.8	65.
78.1	154.0	20757.7	47.0	-63.3	99.9	37.8	12.8**	-7.8	-10.1	503.2	999.9	99.9	999.9	180.8	65.
79.1	155.0	21024.9	45.0	-63.5	99.9	255.1	45.2**	43.7	11.6	509.0	999.9	99.9	999.9	181.0	65.
80.2	156.0	21448.8	42.0	-63.3	99.9	246.5	65.9**	60.5	26.3	519.6	999.9	99.9	999.9	186.5	65.
81.4	157.0	21748.7	40.0	-63.3	99.9	246.1	21.9**	20.0	8.9	526.9	999.9	99.9	999.9	191.0	65.
82.6	158.0	22064.7	38.0	-62.4	99.9	261.0	20.8**	20.5	3.2	537.0	999.9	99.9	999.9	190.9	65.
83.8	159.0	22573.3	35.0	-61.7	99.9	251.1	36.3**	34.4	11.7	551.7	999.9	99.9	999.9	192.5	66.
85.0	160.0	22937.8	33.0	-61.7	99.9	44.2	10.6**	-7.4	-7.6	561.0	999.9	99.9	999.9	195.4	66.
86.5	161.0	23528.4	30.0	-61.5	99.9	264.5	24.3**	24.2	2.3	577.0	999.9	99.9	999.9	194.6	66.
88.0	162.0	23955.3	28.0	-62.4	99.9	256.0	45.7**	44.3	11.1	586.0	999.9	99.9	999.9	197.8	66.
89.6	163.0	24413.8	26.0	-61.5	99.9	272.8	21.3**	21.2	-1.0	601.1	999.9	99.9	999.9	200.7	66.
91.2	164.0	25178.9	23.0	-58.7	99.9	254.4	45.3*	43.6	12.2	630.7	999.9	99.9	999.9	203.9	66.
93.1	165.0	25750.7	21.0	-58.4	99.9	252.6	40.6*	38.7	12.2	648.4	999.9	99.9	999.9	208.2	67.
95.2	166.0	26718.6	18.0	-59.2	99.9	258.6	30.1	29.5	5.9	674.9	999.9	99.9	999.9	212.2	67.
97.3	167.0	27454.5	16.0	-60.4	99.9	999.9	99.9	99.9	99.9	694.1	999.9	99.9	999.9	999.9	999.



STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
1438 GMT

160 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	13.0	1011.9	13.9	9.9	230.0	3.1	2.4	2.0	287.1	306.7	7.6	77.0	0.0	0.
0.4	6.0	146.7	996.0	13.5	9.1	237.0	8.0	6.7	4.4	287.9	306.8	7.3	74.6	0.2	30.
0.7	7.0	248.8	984.0	13.5	7.1	241.4	7.6	6.7	3.6	288.8	305.7	6.4	65.2	0.3	39.
1.0	8.0	360.9	971.0	13.3	6.9	249.0	7.0	6.5	2.5	289.7	306.7	6.5	65.3	0.4	45.
1.4	9.0	474.4	958.0	12.9	7.0	257.8	7.0	6.8	1.5	290.4	307.8	6.6	67.3	0.6	55.
1.8	10.0	571.3	947.0	11.9	7.4	257.9	7.3	7.2	1.5	290.5	308.5	6.8	73.7	0.7	60.
2.1	11.0	713.9	931.0	10.8	7.2	256.9	7.5	7.3	1.7	290.7	308.9	6.9	78.6	0.8	63.
2.5	12.0	813.1	920.0	9.9	7.8	257.7	7.0	6.8	1.5	290.8	309.9	7.3	86.9	1.0	65.
2.9	13.0	922.3	908.0	9.3	7.3	251.8	7.2	6.9	2.3	291.3	310.0	7.1	86.9	1.2	67.
3.3	14.0	1032.8	896.0	9.3	7.5	244.2	9.4	8.5	4.1	292.5	311.8	7.3	88.4	1.4	67.
3.7	15.0	1144.7	884.0	8.6	7.2	242.5	12.5	11.1	5.8	292.8	312.0	7.2	90.9	1.6	66.
4.1	16.0	1286.5	869.0	8.1	7.7	244.2	16.0	14.4	7.0	293.7	314.0	7.6	97.6	2.0	65.
4.5	17.0	1391.9	858.0	8.4	6.9	246.2	19.8	18.1	8.0	295.1	314.8	7.3	90.3	2.4	66.
4.8	18.0	1508.5	846.0	8.1	5.8	245.8	19.9	18.1	8.1	295.9	314.4	6.8	85.3	2.8	66.
5.2	19.0	1616.6	835.0	7.4	3.3	246.3	20.4	18.6	8.2	296.1	312.0	5.8	75.2	3.3	66.
5.7	20.0	1735.8	823.0	7.0	-1.0	249.0	20.9	19.5	7.5	296.8	308.8	4.3	56.5	3.9	66.
6.0	21.0	1876.9	809.0	7.4	-21.4	251.4	20.8	19.7	6.6	298.1	300.8	0.9	10.7	4.3	66.
6.5	22.0	1989.4	798.0	7.2	-21.5	251.1	20.7	19.6	6.7	299.1	301.8	0.9	10.8	4.8	67.
6.8	23.0	2103.4	787.0	7.0	-21.6	251.9	20.9	19.8	6.5	300.1	302.8	0.9	10.8	5.3	67.
7.2	24.0	2218.9	776.0	6.5	-20.9	253.0	21.2	20.3	6.2	300.8	303.7	0.9	11.9	5.8	68.
7.7	25.0	2325.1	766.0	5.6	-12.6	254.4	22.1	21.3	6.0	301.1	306.7	1.9	25.5	6.4	68.
8.1	26.0	2464.7	753.0	4.6	-11.4	254.9	23.3	22.5	6.1	301.5	307.8	2.1	30.3	6.9	69.
8.5	27.0	2584.4	742.0	3.9	-10.8	254.5	24.6	23.7	6.6	302.0	308.7	2.3	33.1	7.5	69.
8.9	28.0	2705.7	731.0	3.4	-13.5	253.0	24.8	23.7	7.2	302.7	308.2	1.8	27.6	8.1	70.
9.3	29.0	2817.2	721.0	2.7	-18.0	250.9	24.8	23.5	8.1	303.1	307.0	1.3	15.8	8.7	70.
9.7	30.0	2930.1	711.0	2.2	-19.0	248.6	25.1	23.3	9.2	303.7	307.4	1.2	18.9	9.3	70.
10.1	31.0	3044.2	701.0	1.1	-22.2	246.4	25.7	23.6	10.3	303.7	306.5	0.9	15.5	9.9	70.
10.5	32.0	3159.5	691.0	0.6	-20.9	245.0	26.7	24.2	11.3	304.4	307.6	1.0	18.1	10.5	69.
10.9	33.0	3288.1	680.0	-0.4	-20.3	245.0	27.7	25.1	11.7	304.7	308.2	1.1	20.5	11.2	69.
11.3	34.0	3394.4	671.0	-1.3	-20.1	245.7	28.7	26.2	11.8	304.8	308.4	1.2	22.4	11.8	69.
11.7	35.0	3513.8	661.0	-2.3	-21.1	246.8	29.7	27.3	11.7	305.1	308.4	1.1	22.0	12.5	69.
12.1	36.0	3659.0	649.0	-3.5	-22.1	247.8	30.5	28.3	11.5	305.2	308.4	1.0	22.0	13.2	69.
12.4	37.0	3769.1	640.0	-4.7	-13.9	248.5	31.0	28.9	11.4	305.2	311.3	2.0	48.4	13.8	69.
12.9	38.0	3892.9	630.0	-5.6	-14.6	249.2	32.1	30.0	11.4	305.5	311.4	2.0	49.0	14.7	69.
13.3	39.0	4005.7	621.0	-6.1	-13.4	249.5	33.3	31.2	11.7	306.3	312.9	2.2	55.9	15.5	69.
13.7	40.0	4132.6	611.0	-7.1	-13.5	249.6	34.5	32.3	12.0	306.5	313.2	2.2	60.2	16.3	69.
14.1	41.0	4274.0	600.0	-8.4	-13.8	249.6	35.4	33.2	12.3	306.6	313.2	2.2	65.3	17.2	69.
14.5	42.0	4391.1	591.0	-9.6	-13.2	249.8	35.7	33.5	12.3	306.6	313.6	2.3	74.8	18.1	69.
14.9	43.0	4509.5	582.0	-10.6	-14.1	250.3	35.6	33.5	12.0	306.7	313.4	2.2	75.3	18.9	69.
15.3	44.0	4629.3	573.0	-11.1	-19.9	250.9	35.6	33.7	11.6	307.5	311.8	1.4	47.7	19.8	69.
15.8	45.0	4750.8	564.0	-11.9	-20.2	251.8	35.7	33.9	11.1	307.9	312.1	1.4	50.0	20.8	69.
16.2	46.0	4873.8	555.0	-12.8	-20.7	252.5	35.5	33.9	10.7	308.3	312.4	1.3	51.0	21.7	69.
16.7	47.0	4984.6	547.0	-12.9	-21.4	252.8	35.4	33.8	10.4	309.4	313.4	1.3	48.8	22.8	69.
17.1	48.0	5110.9	538.0	-13.7	-22.6	252.0	35.6	33.8	11.0	309.8	313.5	1.1	46.8	23.6	70.
17.6	49.0	5224.7	530.0	-14.2	-23.3	249.3	36.2	33.9	12.8	310.7	314.2	1.1	45.5	24.6	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
1438 GMT

160 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.9	50.0	5354.6	521.0	-14.8	-24.7	247.5	36.3	33.5	13.9	311.3	314.5	1.0	42.6	25.4	70.
18.5	51.0	5501.1	511.0	-15.5	-26.5	246.5	36.0	33.0	14.4	312.2	315.0	0.9	38.4	26.7	69.
18.9	52.0	5620.1	503.0	-16.2	-25.8	247.9	37.0	34.3	13.9	312.8	315.8	0.9	43.4	27.4	69.
19.3	53.0	5740.7	495.0	-16.6	-26.1	248.9	38.3	35.7	13.8	313.7	316.7	0.9	43.4	28.4	69.
19.7	54.0	5862.9	487.0	-17.7	-26.8	249.3	39.3	36.7	13.9	313.8	316.7	0.9	44.9	29.4	69.
20.1	55.0	5986.8	479.0	-18.0	-27.2	249.2	39.7	37.1	14.1	315.0	317.8	0.8	44.1	30.3	69.
20.8	56.0	6144.2	469.0	-19.1	-29.0	248.4	38.4	35.7	14.1	315.5	318.0	0.7	40.8	32.1	69.
21.1	57.0	6272.1	461.0	-19.9	-30.2	248.0	37.0	34.3	13.9	316.1	318.3	0.7	39.3	32.9	69.
21.6	58.0	6385.4	454.0	-20.8	-31.3	246.9	35.3	32.5	13.9	316.3	318.3	0.6	38.2	33.6	69.
22.0	59.0	6516.7	446.0	-21.6	-32.6	246.0	36.5	33.4	14.9	316.8	318.7	0.5	36.3	34.5	69.
22.5	60.0	6633.1	439.0	-22.4	-33.4	245.8	41.8*	38.1	17.1	317.3	319.0	0.5	35.8	35.5	69.
22.9	61.0	6767.9	431.0	-23.4	-34.3	246.3	44.1*	40.4	17.8	317.7	319.4	0.5	35.7	36.7	69.
23.3	62.0	6887.4	424.0	-24.6	-35.4	246.9	43.4*	39.9	17.0	317.7	319.2	0.4	35.7	38.0	69.
23.7	63.0	7008.4	417.0	-25.6	-36.3	247.7	41.6*	38.4	15.8	317.8	319.3	0.4	35.7	38.9	69.
24.1	64.0	7131.0	410.0	-26.3	-36.9	248.4	40.6*	37.7	15.0	318.5	319.9	0.4	35.7	39.7	69.
24.7	65.0	7255.3	403.0	-27.4	-37.9	249.0	44.7*	41.7	16.0	318.7	320.0	0.4	35.6	41.2	69.
25.1	66.0	7417.5	394.0	-28.7	-39.1	249.4	48.8*	45.7	17.2	319.1	320.2	0.3	35.6	42.2	69.
25.6	67.0	7545.6	387.0	-29.7	-40.0	249.9	51.8*	48.6	17.8	319.3	320.4	0.3	35.6	44.1	69.
26.0	68.0	7656.8	381.0	-30.7	-40.9	250.4	51.3*	48.4	17.3	319.5	320.5	0.3	35.6	45.1	69.
26.5	69.0	7788.2	374.0	-31.8	-42.0	250.9	47.3*	44.7	15.5	319.6	320.5	0.2	35.6	46.9	69.
26.9	70.0	7921.6	367.0	-32.6	-42.7	250.9	43.7*	41.3	14.3	320.3	321.2	0.2	35.5	48.0	69.
27.5	71.0	8076.5	359.0	-34.0	-43.9	249.4	43.9*	41.1	15.4	320.6	321.3	0.2	35.5	49.1	69.
27.9	72.0	8194.2	353.0	-35.3	-45.1	248.2	48.4*	44.9	18.0	320.3	321.0	0.2	35.5	50.2	69.
28.4	73.0	8333.4	346.0	-36.5	-46.2	247.0	50.4*	46.4	19.7	320.5	321.1	0.2	35.5	52.1	69.
28.8	74.0	8454.4	340.0	-37.6	-47.2	246.2	48.8*	44.6	19.7	320.7	321.2	0.2	35.4	53.4	69.
29.2	75.0	8577.0	334.0	-38.8	-48.3	245.8	48.0*	43.8	19.7	320.6	321.1	0.1	35.4	54.3	69.
29.8	76.0	8701.2	328.0	-39.7	-49.2	246.1	50.7*	46.4	20.5	321.0	321.5	0.1	35.4	56.0	69.
30.2	77.0	8827.1	322.0	-40.7	99.9	246.4	51.2*	46.9	20.5	321.4	999.9	99.9	999.9	57.4	69.
30.7	78.0	8954.9	316.0	-41.8	99.9	246.2	47.4*	43.3	19.1	321.6	999.9	99.9	999.9	59.0	69.
31.1	79.0	9084.4	310.0	-43.1	99.9	245.3	42.4*	38.5	17.7	321.7	999.9	99.9	999.9	60.1	69.
31.7	80.0	9215.9	304.0	-44.0	99.9	243.2	37.9*	33.9	17.1	322.1	999.9	99.9	999.9	61.3	69.
32.2	81.0	9371.8	297.0	-45.2	99.9	242.3	40.9*	36.2	19.0	322.6	999.9	99.9	999.9	62.3	68.
32.8	82.0	9507.8	291.0	-46.3	99.9	243.1	50.3*	44.9	22.8	322.9	999.9	99.9	999.9	63.9	68.
33.1	83.0	9622.8	286.0	-46.8	99.9	243.8	53.5*	48.0	23.6	323.9	999.9	99.9	999.9	65.1	68.
33.7	84.0	9739.5	281.0	-47.8	99.9	245.3	50.6*	46.0	21.1	324.0	999.9	99.9	999.9	67.1	68.
34.1	85.0	9881.6	275.0	-49.0	99.9	246.1	46.4*	42.4	18.8	324.3	999.9	99.9	999.9	68.3	68.
34.8	86.0	10026.3	269.0	-49.6	99.9	246.7	44.2*	40.6	17.5	325.5	999.9	99.9	999.9	69.9	68.
35.2	87.0	10173.6	263.0	-50.8	99.9	247.0	44.9*	41.4	17.6	325.8	999.9	99.9	999.9	71.0	68.
35.7	88.0	10273.1	259.0	-52.3	99.9	247.1	46.2*	42.5	18.0	325.0	999.9	99.9	999.9	72.3	68.
36.1	89.0	10424.4	253.0	-53.1	99.9	246.8	47.2*	43.3	18.6	326.0	999.9	99.9	999.9	73.6	68.
36.7	90.0	10553.1	248.0	-53.1	99.9	245.8	49.3*	44.9	20.2	327.9	999.9	99.9	999.9	75.1	68.
37.0	91.0	10684.1	243.0	-53.9	99.9	245.3	50.8*	46.1	21.2	328.6	999.9	99.9	999.9	76.4	68.
37.5	92.0	10817.4	238.0	-54.8	99.9	244.8	57.7*	52.2	24.5	329.1	999.9	99.9	999.9	77.3	68.
38.0	93.0	10953.0	233.0	-55.3	99.9	244.2	64.5*	58.1	28.1	330.4	999.9	99.9	999.9	79.2	68.
38.4	94.0	11063.4	229.0	-55.5	99.9	243.4	60.9*	54.4	27.3	331.8	999.9	99.9	999.9	81.6	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
1438 GMT

160 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.9	95.0	11203.8	224.0	-56.7	99.9	241.4	49.2*	43.2	23.6	332.1	999.9	99.9	999.9	83.0	68.
39.4	96.0	11375.8	218.0	-57.2	99.9	239.1	39.8*	34.1	20.4	333.9	999.9	99.9	999.9	84.1	67.
39.8	97.0	11492.6	214.0	-58.3	99.9	239.1	40.3*	34.6	20.7	333.9	999.9	99.9	999.9	85.0	67.
40.4	98.0	11641.2	209.0	-58.9	99.9	240.9	53.0*	46.3	25.8	335.3	999.9	99.9	999.9	86.1	67.
40.8	99.0	11762.4	205.0	-59.0	99.9	241.6	62.7*	55.2	29.9	336.9	999.9	99.9	999.9	87.6	67.
41.2	100.0	11886.3	201.0	-58.0	99.9	241.9	69.0*	60.9	32.6	340.4	999.9	99.9	999.9	89.8	67.
41.8	101.0	12045.2	196.0	-57.7	99.9	241.8	75.7*	66.7	35.8	343.4	999.9	99.9	999.9	91.6	67.
42.3	102.0	12175.7	192.0	-56.3	99.9	241.4	78.3*	68.8	37.5	347.6	999.9	99.9	999.9	94.3	67.
42.8	103.0	12343.6	187.0	-55.5	99.9	241.0	69.2*	60.5	33.5	351.6	999.9	99.9	999.9	97.7	67.
43.3	104.0	12446.7	184.0	-55.5	99.9	241.0	56.8*	49.7	27.6	353.2	999.9	99.9	999.9	98.3	66.
43.8	105.0	12567.0	180.0	-55.2	99.9	241.1	54.1*	47.3	26.1	356.0	999.9	99.9	999.9	100.4	66.
44.4	106.0	12730.5	176.0	-55.2	99.9	241.9	60.8*	53.7	28.7	358.3	999.9	99.9	999.9	101.5	66.
44.9	107.0	12877.1	172.0	-55.5	99.9	243.3	67.9*	60.6	30.5	360.1	999.9	99.9	999.9	104.5	66.
45.5	108.0	13026.9	168.0	-56.3	99.9	244.6	74.1*	66.9	31.8	361.2	999.9	99.9	999.9	106.2	66.
45.9	109.0	13179.6	164.0	-57.2	99.9	244.4	74.6*	67.2	32.2	362.3	999.9	99.9	999.9	108.5	66.
46.3	110.0	13296.2	161.0	-58.0	99.9	243.9	71.5*	64.2	31.4	362.7	999.9	99.9	999.9	110.6	66.
47.0	111.0	13495.0	156.0	-58.0	99.9	243.1	64.2*	57.2	29.0	366.0	999.9	99.9	999.9	112.8	66.
47.5	112.0	13617.2	153.0	-58.5	99.9	242.9	65.4*	58.2	29.8	367.2	999.9	99.9	999.9	115.3	66.
48.0	113.0	13783.5	149.0	-59.2	99.9	242.3	71.3**	63.2	33.1	368.8	999.9	99.9	999.9	116.6	66.
48.5	114.0	13910.9	146.0	-59.4	99.9	241.3	74.3**	65.2	35.6	370.6	999.9	99.9	999.9	119.3	66.
49.0	115.0	14040.7	143.0	-60.1	99.9	240.4	70.7**	61.5	34.9	371.6	999.9	99.9	999.9	122.0	66.
49.7	116.0	14217.5	139.0	-60.6	99.9	240.9	59.2**	51.8	28.8	373.7	999.9	99.9	999.9	124.2	66.
50.2	117.0	14353.3	136.0	-61.0	99.9	242.4	47.5**	42.1	22.0	375.4	999.9	99.9	999.9	126.4	66.
50.7	118.0	14538.5	132.0	-61.5	99.9	244.5	41.9**	37.8	16.0	377.6	999.9	99.9	999.9	127.0	66.
51.2	119.0	14680.7	129.0	-62.5	99.9	246.2	49.4**	45.2	20.0	378.5	999.9	99.9	999.9	127.9	66.
51.7	120.0	14825.9	126.0	-62.5	99.9	247.3	60.0**	55.4	23.1	381.0	999.9	99.9	999.9	130.1	66.
52.3	121.0	14974.7	123.0	-62.5	99.9	248.6	59.6**	55.5	21.7	383.7	999.9	99.9	999.9	132.5	66.
52.8	122.0	15126.9	120.0	-62.8	99.9	249.2	48.9**	45.7	17.4	385.7	999.9	99.9	999.9	134.3	66.
53.4	123.0	15230.7	118.0	-61.7	99.9	249.0	32.8**	30.6	11.7	389.6	999.9	99.9	999.9	135.5	66.
53.8	124.0	15389.9	115.0	-62.5	99.9	251.0	23.4**	22.2	7.6	391.1	999.9	99.9	999.9	136.5	66.
54.3	125.0	15552.6	112.0	-63.8	99.9	255.9	19.4**	18.8	4.7	391.6	999.9	99.9	999.9	136.6	66.
55.0	126.0	15718.6	109.0	-65.0	99.9	251.2	37.7**	35.7	12.1	392.5	999.9	99.9	999.9	137.3	66.
55.6	127.0	15888.7	106.0	-65.1	99.9	247.2	54.2**	49.9	21.0	395.2	999.9	99.9	999.9	139.1	66.
56.1	128.0	16063.5	103.0	-65.5	99.9	246.0	44.2**	40.4	18.0	397.7	999.9	99.9	999.9	141.9	66.
56.8	129.0	16242.9	100.0	-66.4	99.9	242.1	27.1**	24.0	12.7	399.5	999.9	99.9	999.9	142.2	66.
57.4	130.0	16365.1	98.0	-67.0	99.9	240.3	51.7**	44.9	25.7	400.7	999.9	99.9	999.9	142.5	66.
58.0	131.0	16553.5	95.0	-65.5	99.9	240.8	84.1**	73.4	41.0	407.0	999.9	99.9	999.9	146.0	66.
58.7	132.0	16748.2	92.0	-66.4	99.9	240.2	96.9**	84.1	48.2	409.2	999.9	99.9	999.9	149.7	66.
59.1	133.0	16881.1	90.0	-67.2	99.9	239.7	99.8**	86.2	50.3	410.1	999.9	99.9	999.9	151.5	66.
59.7	134.0	17016.3	88.0	-68.4	99.9	241.3	95.0**	83.3	45.6	410.2	999.9	99.9	999.9	156.5	65.
60.1	135.0	17224.2	85.0	-68.4	99.9	244.0	89.4**	80.4	39.2	414.3	999.9	99.9	999.9	157.8	65.
60.8	136.0	17439.7	82.0	-68.4	99.9	246.7	69.6**	63.9	27.5	418.6	999.9	99.9	999.9	162.5	65.
61.5	137.0	17587.7	80.0	-68.4	99.9	239.5	24.5**	21.1	12.5	421.6	999.9	99.9	999.9	163.3	65.
62.3	138.0	17818.1	77.0	-66.4	99.9	286.2	3.6**	3.4	-1.0	430.6	999.9	99.9	999.9	163.9	65.
62.9	139.0	18060.0	74.0	-64.4	99.9	26.4	10.2**	-4.5	-9.1	439.7	999.9	99.9	999.9	164.6	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
1438 GMT

160 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.7	140.0	18227.5	72.0	-64.6	99.9	51.9	15.7**	-12.3	-9.7	442.7	999.9	99.9	999.9	163.0	66.
64.3	141.0	18487.5	69.0	-64.6	99.9	255.3	10.2**	9.9	2.6	448.1	999.9	99.9	999.9	162.0	66.
65.1	142.0	18667.2	67.0	-64.6	99.9	249.7	22.3**	20.9	7.7	451.9	999.9	99.9	999.9	165.1	66.
65.8	143.0	18946.6	64.0	-65.3	99.9	68.7	9.8**	-9.1	-3.5	456.1	999.9	99.9	999.9	164.3	66.
66.5	144.0	19139.3	62.0	-66.6	99.9	87.1	12.2**	-12.2	-0.6	457.6	999.9	99.9	999.9	164.1	66.
67.3	145.0	19337.7	60.0	-66.6	99.9	201.6	7.4**	2.7	6.8	461.9	999.9	99.9	999.9	163.6	65.
68.0	146.0	19648.9	57.0	-65.5	99.9	239.0	15.7**	13.5	8.1	471.1	999.9	99.9	999.9	163.5	65.
68.8	147.0	19866.4	55.0	-65.0	99.9	243.7	32.4**	29.0	14.4	477.3	999.9	99.9	999.9	165.2	65.
69.7	148.0	20207.3	52.0	-66.4	99.9	244.0	67.1**	60.3	29.4	481.7	999.9	99.9	999.9	167.2	65.
70.7	149.0	20445.3	50.0	-65.5	99.9	246.6	51.4**	47.2	20.5	489.0	999.9	99.9	999.9	171.9	65.
71.3	150.0	20655.2	48.0	-62.8	99.9	249.2	35.8**	33.5	12.7	501.3	999.9	99.9	999.9	173.7	65.
72.2	151.0	21091.7	45.0	-64.0	99.9	253.6	14.2**	13.6	4.0	507.8	999.9	99.9	999.9	175.1	65.
73.2	152.0	21371.3	43.0	-62.5	99.9	58.0	27.4**	-23.2	-14.5	518.2	999.9	99.9	999.9	174.1	66.
74.1	153.0	21666.0	41.0	-61.4	99.9	54.1	15.1*	-12.2	-8.9	528.1	999.9	99.9	999.9	171.7	65.
75.2	154.0	21977.2	39.0	-60.1	99.9	254.6	37.9*	36.5	10.1	538.9	999.9	99.9	999.9	173.7	66.
76.2	155.0	22476.7	36.0	-60.1	99.9	291.9	10.1*	9.4	-3.8	551.3	999.9	99.9	999.9	175.2	66.
77.3	156.0	22832.0	34.0	-61.7	99.9	301.4	9.2*	7.8	-4.8	556.1	999.9	99.9	999.9	175.6	66.
78.4	157.0	23207.0	32.0	-62.3	99.9	255.7	44.0*	42.6	10.9	564.4	999.9	99.9	999.9	176.1	66.
79.7	158.0	23816.7	29.0	-61.2	99.9	255.0	46.9*	45.3	12.1	583.5	999.9	99.9	999.9	180.1	66.
81.0	159.0	24260.8	27.0	-60.8	99.9	250.7	35.7*	33.7	11.8	596.6	999.9	99.9	999.9	183.2	66.
82.5	160.0	24741.4	25.0	-59.0	99.9	44.6	17.3*	-12.2	-12.3	615.0	999.9	99.9	999.9	184.2	66.
84.0	161.0	25266.7	23.0	-57.2	99.9	253.0	33.8*	32.3	9.9	635.3	999.9	99.9	999.9	187.8	67.
85.9	162.0	26149.9	20.0	-57.7	99.9	280.5	8.9*	8.8	-1.6	659.7	999.9	99.9	999.9	187.8	67.
87.8	163.0	26815.5	18.0	-57.3	99.9	39.9	10.6*	-6.8	-8.1	681.0	999.9	99.9	999.9	190.1	67.
90.0	164.0	27976.5	15.0	-54.2	99.9	999.9	99.9	99.9	99.9	727.8	999.9	99.9	999.9	999.9	999.

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
1715 GMT

165 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	13.0	1010.8	16.1	9.5	270.0	3.6	3.6	0.0	289.4	308.7	7.4	65.0	0.0	0.
0.3	6.0	121.4	998.0	15.9	9.8	999.9	99.9	99.9	99.9	290.2	310.3	7.7	67.3	999.9	999.
0.6	7.0	224.1	986.0	14.9	9.4	999.9	99.9	99.9	99.9	290.2	309.9	7.5	69.7	999.9	999.
1.0	8.0	319.0	975.0	13.9	9.1	999.9	99.9	99.9	99.9	290.1	309.6	7.5	72.9	999.9	999.
1.3	9.0	423.5	963.0	13.1	8.7	999.9	99.9	99.9	99.9	290.3	309.6	7.4	74.6	999.9	999.
1.7	10.0	520.0	952.0	12.3	6.7	999.9	99.9	99.9	99.9	290.3	307.5	6.5	68.5	999.9	999.
2.0	11.0	644.3	938.0	11.9	5.1	999.9	99.9	99.9	99.9	291.1	306.8	5.9	63.1	999.9	999.
2.3	12.0	743.1	927.0	11.3	7.1	999.9	99.9	99.9	99.9	291.6	309.8	6.9	75.3	999.9	999.
2.6	13.0	842.8	916.0	10.6	8.8	999.9	99.9	99.9	99.9	292.0	312.4	7.8	88.6	999.9	999.
2.9	14.0	943.6	905.0	9.8	8.7	999.9	99.9	99.9	99.9	292.2	312.8	7.8	92.6	999.9	999.
3.2	15.0	1054.5	893.0	8.7	8.0	999.9	99.9	99.9	99.9	292.1	312.2	7.6	95.5	999.9	999.
3.7	16.0	1176.2	880.0	8.7	8.4	260.8	14.8	14.6	2.4	293.4	314.4	7.9	98.1	1.7	81.
4.0	17.0	1280.5	869.0	8.5	7.8	261.1	16.3	16.1	2.5	294.2	314.7	7.7	95.2	2.0	81.
4.3	18.0	1385.9	858.0	7.8	7.3	258.0	17.7	17.3	3.7	294.5	314.6	7.5	96.8	2.3	81.
4.7	19.0	1492.5	847.0	7.3	6.2	254.7	19.1	18.4	5.0	295.0	313.9	7.1	92.9	2.8	80.
5.0	20.0	1590.3	837.0	6.7	1.3	252.6	19.7	18.8	5.9	295.1	308.9	5.0	68.3	3.1	79.
5.5	21.0	1718.9	824.0	6.9	-11.5	253.4	20.1	19.2	5.7	296.2	301.9	1.9	25.4	3.7	78.
5.9	22.0	1829.3	813.0	7.3	-17.6	251.1	20.3	19.2	6.6	297.7	301.2	1.2	15.0	4.2	78.
6.2	23.0	1921.0	803.0	6.9	-18.3	248.4	20.3	18.8	7.5	298.3	301.8	1.1	14.6	4.6	77.
6.7	24.0	2033.9	793.0	6.9	-20.6	244.9	20.5	18.6	8.7	299.4	302.3	0.9	11.9	5.2	76.
7.0	25.0	2137.9	783.0	6.2	-14.5	244.5	21.0	19.0	9.0	299.8	304.6	1.6	21.0	5.5	75.
7.5	26.0	2274.7	770.0	4.8	-13.1	245.2	21.4	19.4	9.0	299.8	305.1	1.8	25.4	6.2	73.
7.8	27.0	2381.1	760.0	3.8	-12.9	245.9	21.8	19.9	8.9	299.8	305.3	1.9	28.4	6.5	73.
8.2	28.0	2488.5	750.0	2.9	-9.7	246.2	22.5	20.6	9.1	300.1	307.2	2.4	38.9	7.0	73.
8.6	29.0	2597.1	740.0	2.6	-9.7	245.4	23.3	21.2	9.7	300.8	308.1	2.5	39.9	7.6	72.
8.9	30.0	2707.0	730.0	1.9	-11.5	243.9	23.9	21.4	10.5	301.2	307.7	2.2	36.3	8.0	72.
9.3	31.0	2818.2	720.0	1.4	-12.9	242.1	24.6	21.8	11.5	301.9	307.7	2.0	33.4	8.6	71.
9.7	32.0	2919.4	711.0	1.1	-11.3	240.9	25.4	22.2	12.4	302.6	309.4	2.3	39.1	9.2	71.
10.1	33.0	3044.6	700.0	-0.0	-10.1	240.4	26.4	22.9	13.0	302.7	310.2	2.5	46.7	9.8	70.
10.4	34.0	3148.1	691.0	-0.9	-11.7	240.7	27.3	23.8	13.4	302.9	309.7	2.3	43.6	10.3	70.
10.9	35.0	3264.4	681.0	-1.5	-8.0	241.7	29.0	25.5	13.8	303.6	312.6	3.1	61.1	11.1	69.
11.3	36.0	3394.1	670.0	-2.3	-6.7	242.5	30.1	26.7	13.9	304.2	314.2	3.5	71.5	11.8	68.
11.7	37.0	3501.4	661.0	-3.2	-5.1	242.9	30.7	27.3	14.0	304.3	315.8	4.0	86.6	12.6	68.
12.0	38.0	3610.0	652.0	-3.8	-5.2	243.0	30.8	27.5	14.0	304.8	316.3	4.0	89.9	13.2	68.
12.4	39.0	3731.9	642.0	-5.1	-5.9	242.9	30.6	27.2	13.9	304.8	315.9	3.8	93.8	13.8	68.
12.8	40.0	3842.8	633.0	-6.0	-10.3	243.0	30.5	27.2	13.9	304.8	313.0	2.8	71.4	14.6	67.
13.2	41.0	3980.1	622.0	-6.1	-13.6	243.0	30.8	27.4	13.9	306.1	312.6	2.2	55.5	15.3	67.
13.7	42.0	4081.4	614.0	-6.6	-14.9	243.0	31.9	28.4	14.5	306.7	312.6	2.0	51.4	16.2	67.
14.0	43.0	4196.6	605.0	-7.6	-14.9	242.9	33.0	29.4	15.0	306.8	312.8	2.0	55.8	16.8	67.
14.4	44.0	4313.1	596.0	-8.8	-14.4	243.1	34.3	30.6	15.5	306.8	313.1	2.1	63.7	17.6	67.
14.8	45.0	4417.7	588.0	-9.8	-13.5	243.8	34.9	31.3	15.4	306.8	313.7	2.3	74.2	18.5	66.
15.1	46.0	4536.6	579.0	-10.7	-12.2	244.4	34.9	31.5	15.1	307.2	314.9	2.6	88.4	19.1	66.
15.7	47.0	4643.5	571.0	-11.8	-13.2	245.4	34.4	31.3	14.3	307.0	314.3	2.4	89.5	20.3	66.
15.9	48.0	4751.5	563.0	-12.4	-15.8	245.6	34.3	31.2	14.2	307.5	313.6	2.0	75.9	20.8	66.
16.3	49.0	4874.6	554.0	-13.1	-20.3	245.7	34.5	31.4	14.2	308.0	312.3	1.4	54.6	21.6	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
1715 GMT

165 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.7	50.0	4985.4	546.0	-13.2	-20.1	246.2	35.1	32.1	14.2	309.2	313.6	1.4	56.0	22.4	66.
17.2	51.0	5126.1	536.0	-13.8	-20.5	247.6	36.3	33.5	13.8	310.1	314.5	1.4	57.0	23.4	66.
17.5	52.0	5240.4	528.0	-13.8	-24.5	248.6	36.9	34.4	13.5	311.4	314.6	1.0	39.8	24.1	66.
17.9	53.0	5356.4	520.0	-14.1	-26.3	249.8	37.3	35.0	12.9	312.4	315.2	0.9	34.5	25.0	66.
18.2	54.0	5459.1	513.0	-14.8	-27.7	250.4	37.6	35.5	12.7	312.8	315.3	0.8	32.2	25.7	67.
18.7	55.0	5577.9	505.0	-15.6	-25.0	250.8	38.3	36.1	12.6	313.2	316.4	1.0	44.3	26.8	67.
19.0	56.0	5728.6	495.0	-16.6	-24.4	250.7	38.8	36.6	12.8	313.8	317.3	1.1	50.5	27.5	67.
19.4	57.0	5835.6	488.0	-17.3	-28.2	250.2	39.4	37.1	13.4	314.2	316.7	0.8	37.9	28.4	67.
19.8	58.0	5959.3	480.0	-18.1	-28.5	249.5	40.4	37.9	14.2	314.7	317.2	0.8	39.4	29.4	67.
20.2	59.0	6084.8	472.0	-18.8	-31.6	248.8	41.8	38.9	15.1	315.3	317.3	0.6	30.9	30.3	67.
20.6	60.0	6156.0	465.0	-19.6	-32.8	248.0	42.9	39.8	16.1	315.7	317.4	0.5	29.6	31.3	67.
20.9	61.0	6308.5	458.0	-20.4	-34.2	247.4	43.0	39.7	16.5	316.0	317.6	0.5	27.6	32.3	67.
21.3	62.0	6422.4	451.0	-21.3	-34.1	246.8	42.7	39.3	16.9	316.2	317.9	0.5	30.3	33.3	67.
21.7	63.0	6537.6	444.0	-22.4	-29.1	246.6	43.2	39.6	17.1	316.4	318.9	0.8	54.3	34.2	67.
22.0	64.0	6654.2	437.0	-23.2	-29.2	246.8	44.1	40.6	17.3	316.8	319.4	0.8	57.2	34.9	67.
22.4	65.0	6772.2	430.0	-24.1	-31.1	248.0	45.5	42.2	17.1	317.1	319.3	0.7	52.0	36.1	67.
22.9	66.0	6926.2	421.0	-25.3	-33.5	249.6	45.6*	42.7	15.9	317.4	319.3	0.5	46.1	37.6	67.
23.3	67.0	7030.3	415.0	-25.9	-38.2	250.9	45.9*	43.4	15.0	317.9	319.1	0.3	30.4	38.6	67.
23.7	68.0	7153.3	408.0	-26.7	-38.7	251.7	47.6*	45.2	15.0	318.2	319.4	0.3	31.3	39.6	67.
24.0	69.0	7278.0	401.0	-27.5	-38.3	252.0	49.7*	47.3	15.4	319.0	320.2	0.3	34.6	40.4	67.
24.4	70.0	7404.5	394.0	-28.6	-40.1	251.6	51.7*	49.0	16.3	319.2	320.2	0.3	31.6	41.8	68.
24.9	71.0	7551.1	386.0	-29.7	-42.2	251.2	51.8*	49.1	16.7	319.5	320.4	0.2	28.3	43.4	68.
25.3	72.0	7662.6	380.0	-30.8	-43.5	251.0	51.5*	48.7	16.8	319.6	320.3	0.2	27.3	44.5	68.
25.7	73.0	7775.3	374.0	-31.8	-43.9	250.9	52.0*	49.2	17.0	319.6	320.4	0.2	25.0	45.8	68.
26.1	74.0	7908.7	367.0	-32.6	-44.6	250.8	53.8*	50.8	17.7	320.3	321.0	0.2	28.7	47.1	68.
26.6	75.0	8024.5	361.0	-33.7	-45.3	250.2	56.2*	52.9	19.0	320.4	321.1	0.2	29.6	48.5	68.
26.9	76.0	8141.8	355.0	-34.9	-46.1	249.8	55.8*	52.3	19.3	320.4	321.0	0.2	30.6	49.8	68.
27.3	77.0	8260.6	349.0	-35.8	-47.6	249.2	51.0*	47.7	18.1	320.7	321.2	0.1	28.1	51.3	68.
27.8	78.0	8380.9	343.0	-37.0	-48.9	248.4	45.0*	41.9	16.5	320.7	321.1	0.1	27.5	52.6	68.
28.2	79.0	8502.7	337.0	-38.0	-49.8	247.9	45.1*	41.8	16.9	320.8	321.3	0.1	27.5	53.3	68.
28.6	80.0	8626.2	331.0	-38.8	-50.6	247.5	49.3*	45.5	18.9	321.4	321.8	0.1	27.3	54.3	68.
29.1	81.0	8772.4	324.0	-40.5	99.9	247.1	54.2*	49.9	21.1	321.2	999.9	99.9	999.9	56.3	68.
29.5	82.0	8899.5	318.0	-41.5	99.9	247.0	53.9*	49.6	21.0	321.4	999.9	99.9	999.9	57.6	68.
29.9	83.0	9006.8	313.0	-42.6	99.9	247.4	49.8*	46.0	19.1	321.4	999.9	99.9	999.9	58.8	68.
30.4	84.0	9137.3	307.0	-43.3	99.9	248.0	44.0*	40.7	16.5	322.2	999.9	99.9	999.9	60.4	68.
30.8	85.0	9269.9	301.0	-44.0	99.9	248.6	41.2*	38.4	15.1	323.0	999.9	99.9	999.9	61.3	68.
31.3	86.0	9404.8	295.0	-45.0	99.9	249.5	42.9*	40.2	15.1	323.5	999.9	99.9	999.9	62.2	68.
31.7	87.0	9541.8	289.0	-46.0	99.9	249.9	48.2*	45.3	16.5	324.0	999.9	99.9	999.9	63.3	68.
32.1	88.0	9657.6	284.0	-47.1	99.9	250.0	55.0*	51.7	18.8	324.0	999.9	99.9	999.9	64.7	68.
32.6	89.0	9775.0	279.0	-48.1	99.9	249.8	62.4*	58.5	21.5	324.2	999.9	99.9	999.9	66.3	68.
32.9	90.0	9893.9	274.0	-49.0	99.9	249.6	64.0*	60.0	22.3	324.6	999.9	99.9	999.9	67.5	68.
33.3	91.0	10038.9	268.0	-50.2	99.9	249.6	59.1*	55.4	20.6	325.0	999.9	99.9	999.9	69.5	68.
33.8	92.0	10161.7	263.0	-51.0	99.9	249.9	47.7*	44.8	16.4	325.4	999.9	99.9	999.9	71.1	68.
34.2	93.0	10286.3	258.0	-52.0	99.9	250.2	41.5*	39.1	14.1	325.9	999.9	99.9	999.9	71.9	68.
34.6	94.0	10387.3	254.0	-53.3	99.9	249.6	41.9*	39.2	14.6	325.3	999.9	99.9	999.9	72.6	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
1715 GMT

15 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
35.0	95.0	10514.9	249.0	-54.6	99.9	248.2	48.8*	45.3	18.1	325.3	999.9	99.9	999.9	73.4	68.
35.5	96.0	10670.8	243.0	-55.2	99.9	246.0	55.5*	50.7	22.6	326.6	999.9	99.9	999.9	75.4	68.
35.9	97.0	10803.2	238.0	-56.3	99.9	243.8	53.1*	47.6	23.4	326.9	999.9	99.9	999.9	77.0	68.
36.2	98.0	10910.7	234.0	-57.0	99.9	241.6	50.5*	44.4	24.0	327.5	999.9	99.9	999.9	77.9	68.
36.6	99.0	11047.2	229.0	-57.8	99.9	239.5	48.1*	41.0	25.1	328.3	999.9	99.9	999.9	78.8	68.
37.0	100.0	11158.4	225.0	-57.6	99.9	236.3	50.1*	41.7	27.8	330.2	999.9	99.9	999.9	79.6	68.
37.7	101.0	11329.1	219.0	-57.3	99.9	235.1	53.7*	44.1	30.8	333.3	999.9	99.9	999.9	82.2	68.
38.1	102.0	11445.6	215.0	-57.5	99.9	234.6	51.8*	42.2	30.1	334.8	999.9	99.9	999.9	83.7	67.
38.5	103.0	11594.0	210.0	-58.5	99.9	234.5	48.7*	39.7	28.3	335.5	999.9	99.9	999.9	84.6	67.
38.9	104.0	11714.5	206.0	-59.8	99.9	236.2	49.6*	41.2	27.6	335.2	999.9	99.9	999.9	85.5	67.
39.3	105.0	11836.8	202.0	-60.7	99.9	238.1	54.0*	45.8	28.5	335.7	999.9	99.9	999.9	86.9	67.
39.8	106.0	11961.2	198.0	-60.9	99.9	240.1	63.3*	54.9	31.5	337.3	999.9	99.9	999.9	88.3	67.
40.3	107.0	12088.0	194.0	-61.2	99.9	241.6	73.0*	64.2	34.8	338.7	999.9	99.9	999.9	90.6	67.
40.8	108.0	12218.1	190.0	-58.5	99.9	242.4	78.5*	69.5	36.4	345.2	999.9	99.9	999.9	93.1	67.
41.4	109.0	12352.4	186.0	-56.8	99.9	242.6	74.8*	66.4	34.4	350.0	999.9	99.9	999.9	95.6	66.
41.9	110.0	12490.3	182.0	-56.5	99.9	241.8	59.7*	52.6	28.3	352.7	999.9	99.9	999.9	98.9	66.
42.4	111.0	12632.1	178.0	-54.3	99.9	239.6	48.6*	41.9	24.6	358.6	999.9	99.9	999.9	99.4	66.
42.9	112.0	12777.6	174.0	-54.9	99.9	239.8	59.5*	51.4	29.9	359.9	999.9	99.9	999.9	100.2	66.
43.3	113.0	12925.8	170.0	-56.2	99.9	241.4	76.5*	67.1	36.6	360.2	999.9	99.9	999.9	102.0	66.
43.8	114.0	13038.9	167.0	-56.7	99.9	242.8	87.6*	77.9	40.0	361.2	999.9	99.9	999.9	105.2	66.
44.3	115.0	13192.2	163.0	-57.6	99.9	243.5	84.5*	75.6	37.7	362.1	999.9	99.9	999.9	108.3	66.
45.0	116.0	13348.9	159.0	-58.1	99.9	244.3	84.0*	75.8	36.4	363.8	999.9	99.9	999.9	110.1	66.
45.6	117.0	13509.2	155.0	-58.6	99.9	245.3	86.2**	78.3	36.1	365.6	999.9	99.9	999.9	114.8	66.
46.1	118.0	13631.8	152.0	-59.1	99.9	245.7	80.6**	73.5	33.1	366.8	999.9	99.9	999.9	117.1	66.
46.6	119.0	13799.1	148.0	-59.0	99.9	246.1	78.0**	71.3	31.6	369.9	999.9	99.9	999.9	118.7	66.
47.0	120.0	13927.5	145.0	-59.1	99.9	246.8	78.4**	72.0	30.9	371.8	999.9	99.9	999.9	121.1	66.
47.5	121.0	14058.5	142.0	-59.1	99.9	248.7	73.8**	68.7	26.8	374.0	999.9	99.9	999.9	123.9	66.
48.0	122.0	14192.3	139.0	-59.5	99.9	250.9	66.7**	63.0	21.9	375.7	999.9	99.9	999.9	125.0	66.
48.5	123.0	14328.6	136.0	-60.2	99.9	252.0	57.7**	54.8	17.8	376.8	999.9	99.9	999.9	128.0	66.
49.0	124.0	14467.5	133.0	-60.9	99.9	252.1	46.1**	43.9	14.1	378.0	999.9	99.9	999.9	129.1	66.
49.6	125.0	14609.3	130.0	-61.2	99.9	251.0	42.2**	39.9	13.7	379.8	999.9	99.9	999.9	130.3	66.
50.2	126.0	14803.2	126.0	-61.4	99.9	249.5	46.6**	43.7	16.4	382.9	999.9	99.9	999.9	131.8	66.
50.8	127.0	14952.3	123.0	-62.3	99.9	250.4	36.7**	34.6	12.3	383.9	999.9	99.9	999.9	134.3	66.
51.3	128.0	15104.6	120.0	-63.0	99.9	257.7	17.0**	16.6	3.6	385.3	999.9	99.9	999.9	135.1	66.
51.8	129.0	15260.3	117.0	-63.4	99.9	281.5	6.6**	6.5	-1.3	387.4	999.9	99.9	999.9	134.4	66.
52.3	130.0	15419.6	114.0	-64.2	99.9	264.0	13.0**	13.0	1.4	388.9	999.9	99.9	999.9	134.8	66.
52.9	131.0	15582.4	111.0	-65.1	99.9	251.9	39.5**	37.6	12.3	390.1	999.9	99.9	999.9	134.7	66.
53.5	132.0	15749.1	108.0	-65.9	99.9	248.8	68.6**	63.9	24.8	391.7	999.9	99.9	999.9	137.5	66.
54.0	133.0	15862.5	106.0	-66.3	99.9	247.2	74.3**	68.5	28.7	393.1	999.9	99.9	999.9	140.4	66.
54.6	134.0	16036.5	103.0	-66.1	99.9	244.5	55.1**	49.7	23.7	396.7	999.9	99.9	999.9	142.3	66.
55.1	135.0	16215.9	100.0	-65.9	99.9	236.6	27.5**	23.0	15.1	400.5	999.9	99.9	999.9	144.8	66.
55.8	136.0	16400.6	97.0	-66.5	99.9	203.0	11.1**	4.3	10.2	402.8	999.9	99.9	999.9	143.6	66.
56.4	137.0	16590.3	94.0	-67.5	99.9	225.5	23.7**	16.9	16.6	404.5	999.9	99.9	999.9	144.2	66.
57.1	138.0	16785.6	91.0	-67.7	99.9	234.9	43.8**	35.8	25.2	407.8	999.9	99.9	999.9	145.7	66.
57.8	139.0	16987.4	88.0	-67.7	99.9	238.6	66.8**	57.0	34.8	411.8	999.9	99.9	999.9	147.3	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
1715 GMT

165 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.4	140.0	17125.3	86.0	-69.1	99.9	239.9	71.5**	61.8	35.8	411.5	999.9	99.9	999.9	151.9	66.
59.0	141.0	17337.2	83.0	-69.6	99.9	241.2	55.2**	48.4	26.6	414.9	999.9	99.9	999.9	152.2	66.
59.7	142.0	17556.9	80.0	-69.3	99.9	244.5	48.2**	43.5	20.7	419.7	999.9	99.9	999.9	155.3	66.
60.4	143.0	17785.1	77.0	-69.3	99.9	247.1	45.6**	42.0	17.7	424.3	999.9	99.9	999.9	157.5	66.
61.1	144.0	18023.9	74.0	-66.7	99.9	252.7	20.6**	19.8	5.8	434.8	999.9	99.9	999.9	159.3	66.
61.8	145.0	18190.5	72.0	-64.3	99.9	255.4	6.3**	6.1	1.6	443.2	999.9	99.9	999.9	159.0	66.
62.5	146.0	18450.6	69.0	-64.7	99.9	236.8	15.2**	12.8	8.3	447.8	999.9	99.9	999.9	158.8	66.
63.2	147.0	18630.4	67.0	-64.2	99.9	243.9	31.3**	28.1	13.8	452.8	999.9	99.9	999.9	160.2	66.
64.0	148.0	18911.3	64.0	-63.4	99.9	245.1	27.9**	25.3	11.7	460.4	999.9	99.9	999.9	162.3	66.
64.8	149.0	19106.0	62.0	-64.3	99.9	244.7	18.1**	16.3	7.7	462.5	999.9	99.9	999.9	162.7	66.
65.5	150.0	19409.2	59.0	-64.5	99.9	251.0	29.8**	28.2	9.7	468.7	999.9	99.9	999.9	163.9	66.
66.4	151.0	19619.8	57.0	-64.7	99.9	248.5	42.2**	39.2	15.4	472.9	999.9	99.9	999.9	165.7	66.
67.1	152.0	19950.2	54.0	-64.3	99.9	248.5	43.7**	40.7	16.0	481.2	999.9	99.9	999.9	167.9	66.
68.0	153.0	20180.9	52.0	-64.7	99.9	249.9	44.0**	41.3	15.1	485.5	999.9	99.9	999.9	169.8	66.
68.8	154.0	20543.8	49.0	-64.5	99.9	250.2	26.6**	25.1	9.0	494.3	999.9	99.9	999.9	172.3	66.
69.8	155.0	20798.6	47.0	-64.3	99.9	50.0	21.1**	-16.2	-13.6	500.7	999.9	99.9	999.9	171.7	66.
70.7	156.0	21065.2	45.0	-63.4	99.9	32.3	10.3**	-5.5	-8.7	509.2	999.9	99.9	999.9	171.0	66.
71.8	157.0	21490.3	42.0	-62.1	99.9	250.8	43.8*	41.4	14.4	522.5	999.9	99.9	999.9	171.8	66.
72.7	158.0	21792.3	40.0	-61.6	99.9	253.4	39.7*	38.0	11.4	531.2	999.9	99.9	999.9	174.8	66.
73.8	159.0	22110.7	38.0	-60.9	99.9	272.3	6.3*	6.3	-0.3	540.9	999.9	99.9	999.9	176.0	66.
74.9	160.0	22623.2	35.0	-59.8	99.9	35.5	14.0*	-8.1	-11.4	556.5	999.9	99.9	999.9	174.9	66.
76.0	161.0	22990.2	33.0	-60.7	99.9	252.1	32.8*	31.2	10.1	563.6	999.9	99.9	999.9	174.5	67.
77.3	162.0	23379.1	31.0	-60.9	99.9	246.6	40.1*	36.8	15.9	573.3	999.9	99.9	999.9	179.5	67.
78.7	163.0	24011.5	28.0	-61.2	99.9	246.6	22.3*	20.4	8.8	589.3	999.9	99.9	999.9	181.4	67.
80.0	164.0	24473.4	26.0	-59.5	99.9	247.3	27.6*	25.4	10.6	606.8	999.9	99.9	999.9	182.4	67.
81.5	165.0	24974.5	24.0	-59.3	99.9	268.0	9.3*	9.3	0.3	621.4	999.9	99.9	999.9	185.8	67.
83.1	166.0	25812.2	21.0	-58.6	99.9	251.0	26.1*	24.6	8.5	647.6	999.9	99.9	999.9	185.1	67.
85.0	167.0	26442.3	19.0	-57.8	99.9	252.2	14.7*	14.0	4.5	669.0	999.9	99.9	999.9	188.8	67.
86.9	168.0	27146.1	17.0	-56.5	99.9	253.1	45.1*	43.2	13.1	694.8	999.9	99.9	999.9	193.5	67.
89.3	169.0	28378.7	14.0	-56.3	99.9	999.9	99.9	99.9	99.9	735.1	999.9	99.9	999.9	999.9	999.



STATION NO. 208  
CHARLESTON, SC.

6 FEBRUARY 1975  
2015 GMT

163 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	13.0	1007.8	17.2	9.4	260.0	4.1	4.0	0.7	290.7	310.0	7.4	60.0	0.0	0.
0.4	6.0	56.4	998.0	16.7	8.9	264.2	4.8	4.7	0.5	291.0	310.0	7.2	59.9	0.1	84.
0.8	7.0	208.0	985.0	15.7	8.2	266.5	3.2	3.2	0.2	291.0	309.4	7.0	60.9	0.2	84.
1.2	8.0	312.0	973.0	14.9	8.0	260.2	1.9	1.9	0.3	291.2	309.6	7.0	63.3	0.3	85.
1.7	9.0	417.0	961.0	14.1	8.1	216.9	1.5	0.9	1.2	291.5	310.2	7.1	67.2	0.3	82.
2.0	10.0	523.1	949.0	13.3	8.8	175.1	1.7	-0.1	1.7	291.8	311.6	7.5	74.0	0.4	78.
2.5	11.0	648.1	935.0	12.2	8.2	114.4	0.8	-0.7	0.3	291.8	311.2	7.3	76.5	0.3	65.
2.9	12.0	756.4	923.0	11.3	8.0	999.9	99.9	99.9	99.9	292.0	311.4	7.3	80.6	999.9	999.
3.3	13.0	865.8	911.0	10.9	7.5	999.9	99.9	99.9	99.9	292.5	311.7	7.2	79.5	999.9	999.
3.6	14.0	967.2	900.0	10.5	7.1	999.9	99.9	99.9	99.9	293.3	312.0	7.0	79.2	999.9	999.
3.9	15.0	1078.9	888.0	10.0	99.9	999.9	99.9	99.9	99.9	292.9	999.9	99.9	999.9	999.9	999.
4.2	16.0	1201.1	875.0	9.6	99.9	999.9	99.9	99.9	99.9	293.8	999.9	99.9	999.9	999.9	999.
4.6	17.0	1315.4	863.0	9.6	99.9	999.9	99.9	99.9	99.9	294.9	999.9	99.9	999.9	999.9	999.
4.9	18.0	1421.6	852.0	9.0	99.9	999.9	99.9	99.9	99.9	295.4	999.9	99.9	999.9	999.9	999.
5.2	19.0	1528.9	841.0	8.5	99.9	999.9	99.9	99.9	99.9	296.0	999.9	99.9	999.9	999.9	999.
5.6	20.0	1637.4	830.0	7.8	99.9	999.9	99.9	99.9	99.9	296.3	999.9	99.9	999.9	999.9	999.
5.9	21.0	1777.0	816.0	6.4	99.9	999.9	99.9	99.9	99.9	296.3	999.9	99.9	999.9	999.9	999.
6.2	22.0	1887.9	805.0	5.5	99.9	999.9	99.9	99.9	99.9	296.5	999.9	99.9	999.9	999.9	999.
6.7	23.0	2000.1	794.0	4.7	99.9	999.9	99.9	99.9	99.9	296.8	999.9	99.9	999.9	999.9	999.
7.0	24.0	2113.3	783.0	3.1	99.9	999.9	99.9	99.9	99.9	296.3	999.9	99.9	999.9	999.9	999.
7.4	25.0	2227.7	772.0	3.0	99.9	999.9	99.9	99.9	99.9	297.3	999.9	99.9	999.9	999.9	999.
7.8	26.0	2364.8	759.0	2.0	99.9	999.9	99.9	99.9	99.9	297.7	999.9	99.9	999.9	999.9	999.
8.1	27.0	2471.7	749.0	0.8	0.1	999.9	99.9	99.9	99.9	298.3	312.6	5.2	95.0	999.9	999.
8.3	28.0	2579.8	739.0	0.7	0.1	999.9	99.9	99.9	99.9	299.2	313.7	5.2	95.7	999.9	999.
8.8	29.0	2689.3	729.0	-0.3	-0.5	999.9	99.9	99.9	99.9	299.3	313.4	5.1	98.3	999.9	999.
9.2	30.0	2799.9	719.0	-0.8	-0.9	999.9	99.9	99.9	99.9	300.0	314.0	5.0	99.3	999.9	999.
9.7	31.0	2911.9	709.0	-1.2	-1.2	238.3	25.4	21.6	13.4	300.6	314.5	4.9	100.4	9.3	64.
10.2	32.0	3025.2	699.0	-1.9	-1.9	237.9	26.0	22.0	13.8	301.1	314.6	4.8	101.6	10.1	64.
10.5	33.0	3140.0	689.0	-1.9	-1.9	239.8	24.3	21.0	12.2	302.4	316.1	4.9	101.6	10.6	63.
11.0	34.0	3244.8	680.0	-2.2	-2.2	242.1	24.6	21.8	11.5	303.2	316.8	4.8	101.6	11.1	63.
11.4	35.0	3362.6	670.0	-2.8	-2.6	243.7	25.5	22.8	11.3	303.7	317.0	4.7	101.5	11.8	63.
11.8	36.0	3506.0	658.0	-3.3	-3.3	245.1	26.0	23.6	11.0	304.8	317.9	4.6	101.4	12.4	63.
12.2	37.0	3615.0	649.0	-4.0	-4.0	246.1	26.7	24.4	10.8	305.1	317.7	4.4	101.3	13.0	64.
12.7	38.0	3737.5	639.0	-4.8	-4.8	247.0	28.3	26.1	11.1	305.5	317.7	4.2	101.2	13.8	64.
13.1	39.0	3849.2	630.0	-5.2	-5.2	247.6	30.1	27.8	11.5	306.3	318.2	4.1	101.1	14.5	64.
13.4	40.0	3962.2	621.0	-6.1	-6.1	248.1	31.1	28.9	11.6	306.5	317.8	3.9	101.0	15.2	64.
14.0	41.0	4114.9	609.0	-6.9	-7.1	249.5	32.2	30.1	11.3	307.3	318.1	3.7	98.6	16.2	64.
14.4	42.0	4231.1	600.0	-7.6	-8.1	249.8	32.8	30.8	11.3	307.7	317.9	3.5	96.2	17.0	65.
14.9	43.0	4348.8	591.0	-8.4	-8.8	249.5	33.4	31.3	11.7	308.2	318.0	3.3	96.5	18.1	65.
15.3	44.0	4454.5	583.0	-9.2	-9.6	248.4	34.1	31.7	12.5	308.3	317.8	3.2	97.6	18.8	65.
15.7	45.0	4574.8	574.0	-10.0	-10.1	247.2	35.2	32.5	13.7	308.8	318.1	3.1	99.1	19.6	65.
16.2	46.0	4696.7	565.0	-10.5	-10.5	245.9	37.2	33.9	15.2	309.5	318.6	3.0	100.4	20.7	65.
16.5	47.0	4806.5	557.0	-11.0	-11.0	245.4	38.2	34.8	15.9	310.3	319.2	3.0	100.3	21.4	65.
16.9	48.0	4931.8	548.0	-11.3	-11.3	245.0	38.9	35.3	16.4	311.4	320.3	3.0	100.3	22.4	65.
17.4	49.0	5044.7	540.0	-11.8	-11.8	244.6	39.8	36.0	17.1	312.0	320.7	2.9	100.2	23.4	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 13 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
2015 GMT

163 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
17.7	50.0	5173.4	531.0	-12.2	-12.2	244.4	40.4	36.5	17.5	313.0	321.6	2.8	100.1	24.2	65.
18.2	51.0	5318.8	521.0	-12.8	-12.8	244.2	41.8	37.7	18.2	314.0	322.4	2.7	100.0	25.5	65.
18.6	52.0	5436.9	513.0	-13.5	-13.7	244.3	43.9	39.5	19.0	314.5	322.5	2.6	98.6	26.4	65.
19.0	53.0	5556.4	505.0	-14.4	-14.5	244.5	47.4	42.8	20.4	314.9	322.5	2.5	98.5	27.4	65.
19.4	54.0	5677.4	497.0	-15.0	-15.2	244.8	49.9	45.2	21.2	315.5	322.8	2.3	98.4	28.6	65.
19.7	55.0	5800.0	489.0	-16.1	-17.4	245.1	49.6	45.0	20.9	315.6	321.8	2.0	89.9	29.7	65.
20.2	56.0	5939.7	480.0	-17.2	-18.7	245.6	46.6	42.4	19.2	315.9	321.6	1.8	88.2	31.3	65.
20.5	57.0	6065.6	472.0	-18.2	-20.2	246.0	44.3	40.4	18.0	316.2	321.3	1.6	84.1	31.9	65.
20.9	58.0	6177.1	465.0	-19.1	-21.2	246.3	44.3*	40.6	17.8	316.3	321.1	1.5	82.7	32.9	65.
21.4	59.0	6306.0	457.0	-20.1	-23.3	246.4	45.4*	41.6	18.2	316.7	320.8	1.3	75.7	34.3	65.
21.8	60.0	6436.7	449.0	-21.3	-26.2	246.2	46.1*	42.2	18.6	316.7	320.0	1.0	64.5	35.5	65.
22.2	61.0	6552.5	442.0	-22.4	-27.9	245.9	47.4*	43.3	19.3	316.8	319.7	0.9	60.5	36.5	65.
22.7	62.0	6669.6	435.0	-23.3	-29.3	245.5	50.0*	45.6	20.7	317.0	319.6	0.8	57.7	37.9	65.
23.0	63.0	6805.2	427.0	-24.4	-32.3	245.4	51.9*	47.2	21.6	317.3	319.3	0.6	47.4	39.0	65.
23.5	64.0	6925.4	420.0	-25.4	-34.0	245.4	51.5*	46.8	21.4	317.5	319.2	0.5	44.2	40.5	65.
23.8	65.0	7047.3	413.0	-26.0	-33.6	245.7	49.9*	45.5	20.6	318.3	320.2	0.5	48.3	41.6	65.
24.4	66.0	7188.5	405.0	-27.5	-34.9	246.6	50.1*	45.9	19.9	318.0	319.7	0.5	49.0	42.9	65.
24.7	67.0	7313.7	398.0	-28.5	-35.8	246.9	51.9*	47.8	20.4	318.4	320.0	0.4	49.2	43.9	65.
25.2	68.0	7440.7	391.0	-29.3	-36.2	246.7	54.2*	49.8	21.4	319.0	320.5	0.4	50.9	45.8	65.
25.6	69.0	7569.5	384.0	-30.2	-37.0	246.0	53.6*	48.9	21.8	319.4	320.9	0.4	51.1	47.2	65.
26.0	70.0	7681.4	378.0	-31.4	-39.0	245.0	51.6*	46.7	21.8	319.3	320.5	0.3	46.6	48.3	65.
26.5	71.0	7832.6	370.0	-32.3	-40.6	244.5	53.2*	48.1	22.9	320.0	321.0	0.3	42.0	49.7	65.
26.9	72.0	7947.7	364.0	-33.5	-41.5	244.8	57.2*	51.8	24.4	319.9	320.9	0.3	44.1	50.9	65.
27.3	73.0	8083.7	357.0	-34.4	-42.4	244.9	60.0*	54.3	25.5	320.4	321.3	0.2	43.8	52.6	65.
27.7	74.0	8202.0	351.0	-35.5	-43.6	244.6	60.0*	54.2	25.7	320.6	321.4	0.2	42.9	54.1	65.
28.1	75.0	8321.8	345.0	-36.4	-43.4	244.1	56.7*	51.0	24.8	320.9	321.7	0.2	47.9	55.5	65.
28.6	76.0	8443.1	339.0	-37.7	-44.2	243.3	49.7*	44.4	22.3	320.8	321.6	0.2	49.9	57.4	65.
29.0	77.0	8586.8	332.0	-38.5	-44.5	242.5	46.2*	41.0	21.3	321.6	322.4	0.2	52.4	58.3	65.
29.5	78.0	8691.0	327.0	-39.1	-45.2	241.8	52.4*	46.2	24.7	322.1	322.8	0.2	52.3	59.0	65.
29.9	79.0	8817.7	321.0	-40.1	99.9	241.3	59.8*	52.5	28.7	322.5	999.9	99.9	999.9	60.9	65.
30.3	80.0	8946.2	315.0	-41.2	99.9	240.5	64.4*	56.1	31.7	322.8	999.9	99.9	999.9	62.5	65.
30.8	81.0	9098.6	308.0	-41.9	99.9	239.3	66.2*	57.0	33.8	323.9	999.9	99.9	999.9	64.3	65.
31.3	82.0	9231.6	302.0	-42.7	99.9	238.1	64.3*	54.6	34.0	324.5	999.9	99.9	999.9	66.6	65.
31.7	83.0	9366.7	296.0	-43.9	99.9	237.3	61.8*	52.0	33.4	324.8	999.9	99.9	999.9	68.1	65.
32.1	84.0	9480.8	291.0	-45.1	99.9	236.8	59.3*	49.6	32.5	324.6	999.9	99.9	999.9	69.2	64.
32.5	85.0	9619.7	285.0	-46.1	99.9	236.7	56.7*	47.4	31.1	325.1	999.9	99.9	999.9	70.8	64.
33.0	86.0	9760.7	279.0	-47.6	99.9	236.6	47.1*	39.4	25.9	324.9	999.9	99.9	999.9	72.7	64.
33.4	87.0	9904.0	273.0	-48.6	99.9	237.3	40.5*	34.1	21.9	325.5	999.9	99.9	999.9	73.7	64.
33.8	88.0	10025.2	268.0	-50.0	99.9	239.5	45.2*	39.0	23.0	325.2	999.9	99.9	999.9	74.0	64.
34.3	89.0	10147.9	263.0	-51.4	99.9	242.0	64.8*	57.2	30.4	325.0	999.9	99.9	999.9	75.2	64.
34.7	90.0	10272.4	258.0	-52.1	99.9	243.1	81.5*	72.7	36.8	325.6	999.9	99.9	999.9	77.3	64.
35.0	91.0	10398.6	253.0	-53.7	99.9	243.7	91.2*	81.7	40.4	325.1	999.9	99.9	999.9	79.3	64.
35.5	92.0	10526.7	248.0	-54.5	99.9	244.3	87.3*	78.7	37.9	325.8	999.9	99.9	999.9	82.3	64.
35.9	93.0	10656.9	243.0	-55.3	99.9	244.2	74.1*	66.7	32.3	326.5	999.9	99.9	999.9	84.2	64.
36.4	94.0	10789.2	238.0	-56.3	99.9	243.5	53.2*	47.6	23.8	326.9	999.9	99.9	999.9	86.3	64.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
2015 GMT

163 12. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
36.8	95.0	10896.6	234.0	-57.5	99.9	242.8	38.6*	34.3	17.6	326.7	999.9	99.9	999.9	87.4	64.
37.4	96.0	11060.3	228.0	-58.4	99.9	244.0	32.8*	29.5	14.4	327.8	999.9	99.9	999.9	87.7	64.
37.8	97.0	11199.6	223.0	-59.1	99.9	245.5	44.7*	40.7	18.5	328.9	999.9	99.9	999.9	88.4	64.
38.3	98.0	11341.6	218.0	-59.8	99.9	245.3	65.9*	59.8	27.5	329.9	999.9	99.9	999.9	90.3	64.
38.7	99.0	11457.0	214.0	-60.8	99.9	244.0	81.3*	73.1	35.6	330.0	999.9	99.9	999.9	92.1	64.
39.2	100.0	11574.2	210.0	-61.6	99.9	242.6	94.3*	83.7	43.5	330.6	999.9	99.9	999.9	94.9	64.
39.8	101.0	11753.5	204.0	-62.3	99.9	242.7	99.9**	88.8	45.8	332.2	999.9	99.9	999.9	98.5	64.
40.4	102.0	11875.5	200.0	-63.2	99.9	243.8	91.2**	81.9	40.3	332.6	999.9	99.9	999.9	102.5	64.
40.8	103.0	11999.8	196.0	-63.1	99.9	244.4	74.9**	67.5	32.4	334.9	999.9	99.9	999.9	104.8	64.
41.4	104.0	12127.3	192.0	-61.0	99.9	246.4	49.7**	45.5	19.9	340.1	999.9	99.9	999.9	106.6	64.
41.9	105.0	12259.3	188.0	-57.3	99.9	249.5	43.6**	40.8	15.2	348.1	999.9	99.9	999.9	107.6	64.
42.5	106.0	12395.5	184.0	-56.3	99.9	251.7	47.7**	45.3	15.0	351.9	999.9	99.9	999.9	108.7	64.
42.9	107.0	12535.3	180.0	-55.8	99.9	251.6	48.6**	46.1	15.3	354.9	999.9	99.9	999.9	111.1	64.
43.4	108.0	12678.5	176.0	-55.5	99.9	250.8	56.1**	53.0	18.5	357.7	999.9	99.9	999.9	111.3	64.
44.0	109.0	12825.1	172.0	-55.3	99.9	250.0	81.4**	76.5	27.8	360.4	999.9	99.9	999.9	113.9	64.
44.6	110.0	12975.2	168.0	-55.3	99.9	250.3	93.2**	87.7	31.5	362.8	999.9	99.9	999.9	117.5	64.
45.3	111.0	13128.6	164.0	-56.5	99.9	251.4	66.5**	63.1	21.2	363.4	999.9	99.9	999.9	121.7	65.
45.8	112.0	13285.4	160.0	-56.2	99.9	252.6	47.1**	44.9	14.1	366.5	999.9	99.9	999.9	122.8	65.
46.4	113.0	13405.6	157.0	-56.3	99.9	253.5	40.4**	38.7	11.5	368.2	999.9	99.9	999.9	124.1	65.
46.9	114.0	13569.6	153.0	-56.3	99.9	252.7	42.4**	40.5	12.6	370.9	999.9	99.9	999.9	125.4	65.
47.3	115.0	13695.1	150.0	-57.2	99.9	250.8	44.2**	41.7	14.6	371.6	999.9	99.9	999.9	126.4	65.
47.9	116.0	13865.5	146.0	-58.7	99.9	247.3	45.8**	42.3	17.7	371.8	999.9	99.9	999.9	127.9	65.
48.3	117.0	14039.5	142.0	-59.9	99.9	245.8	47.2**	43.0	19.3	372.6	999.9	99.9	999.9	129.2	65.
48.7	118.0	14172.7	139.0	-60.5	99.9	245.0	52.2**	47.3	22.0	374.0	999.9	99.9	999.9	130.3	65.
49.3	119.0	14308.6	136.0	-60.5	99.9	244.3	66.4**	59.8	28.8	376.3	999.9	99.9	999.9	131.6	65.
49.8	120.0	14447.3	133.0	-61.4	99.9	243.4	70.8**	63.3	31.7	377.1	999.9	99.9	999.9	135.2	65.
50.5	121.0	14636.3	129.0	-62.3	99.9	242.6	61.2**	54.3	28.2	378.8	999.9	99.9	999.9	136.3	65.
50.8	122.0	14732.6	127.0	-63.2	99.9	243.2	57.9**	51.7	26.1	378.8	999.9	99.9	999.9	138.4	65.
51.5	123.0	14929.0	123.0	-64.0	99.9	244.6	47.7**	43.1	20.4	380.8	999.9	99.9	999.9	140.9	65.
52.0	124.0	15079.7	120.0	-65.4	99.9	244.9	39.1**	35.4	16.6	381.0	999.9	99.9	999.9	142.2	65.
52.6	125.0	15181.9	118.0	-65.8	99.9	244.9	38.3**	34.7	16.2	382.1	999.9	99.9	999.9	143.2	65.
53.2	126.0	15391.2	114.0	-66.2	99.9	244.9	40.9**	37.0	17.3	385.1	999.9	99.9	999.9	144.8	65.
53.7	127.0	15552.8	111.0	-66.2	99.9	244.9	45.2**	40.9	19.2	388.1	999.9	99.9	999.9	146.1	65.
54.3	128.0	15662.7	109.0	-67.4	99.9	244.9	56.0**	50.7	23.7	387.8	999.9	99.9	999.9	147.3	65.
54.8	129.0	15830.8	106.0	-67.7	99.9	244.9	55.8**	50.6	23.7	390.5	999.9	99.9	999.9	149.9	65.
55.4	130.0	16004.2	103.0	-66.2	99.9	244.9	40.3**	36.5	17.1	396.5	999.9	99.9	999.9	152.3	65.
56.2	131.0	16183.7	100.0	-65.6	99.9	244.0	44.2**	39.7	19.4	401.0	999.9	99.9	999.9	152.5	65.
56.8	132.0	16368.6	97.0	-66.2	99.9	241.8	48.6**	42.9	23.0	403.3	999.9	99.9	999.9	155.4	65.
57.3	133.0	16455.2	95.0	-65.2	99.9	237.3	37.6**	31.7	20.3	407.7	999.9	99.9	999.9	156.4	65.
57.9	134.0	16690.5	92.0	-65.4	99.9	225.1	24.7**	17.5	17.5	411.1	999.9	99.9	999.9	158.0	65.
58.6	135.0	16824.1	90.0	-66.0	99.9	225.0	30.0**	21.2	21.2	412.5	999.9	99.9	999.9	157.5	65.
59.3	136.0	17029.7	87.0	-66.2	99.9	235.4	39.5**	32.5	22.4	416.1	999.9	99.9	999.9	159.6	64.
60.0	137.0	17242.1	84.0	-66.8	99.9	244.5	40.5**	36.5	17.4	419.0	999.9	99.9	999.9	162.8	64.
60.7	138.0	17461.2	81.0	-68.1	99.9	253.3	37.8**	36.2	10.9	420.8	999.9	99.9	999.9	163.1	64.
61.5	139.0	17611.4	79.0	-68.1	99.9	255.6	47.6**	46.1	11.9	423.8	999.9	99.9	999.9	163.5	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
2015 GMT

163 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.2	140.0	17843.5	76.0	-68.9	99.9	252.0	52.7**	50.1	16.3	426.8	999.9	99.9	999.9	167.8	65.
63.1	141.0	18086.2	73.0	-65.8	99.9	248.0	37.7**	35.0	14.1	438.4	999.9	99.9	999.9	169.8	65.
63.9	142.0	18256.1	71.0	-62.9	99.9	251.4	37.0**	35.0	11.8	448.1	999.9	99.9	999.9	171.3	65.
64.7	143.0	18522.4	68.0	-62.3	99.9	253.5	44.7**	42.8	12.7	454.9	999.9	99.9	999.9	173.4	65.
65.6	144.0	18706.2	66.0	-63.6	99.9	250.9	66.5**	62.8	21.8	455.9	999.9	99.9	999.9	175.6	65.
66.4	145.0	18992.6	63.0	-62.3	99.9	250.3	55.6**	52.3	18.7	464.9	999.9	99.9	999.9	179.9	65.
67.2	146.0	19191.9	61.0	-62.3	99.9	242.6	22.8**	20.2	10.5	469.2	999.9	99.9	999.9	181.8	65.
68.1	147.0	19502.2	58.0	-63.8	99.9	104.1	4.8**	-4.6	1.2	472.6	999.9	99.9	999.9	181.5	65.
68.9	148.0	19717.2	56.0	-64.2	99.9	66.5	23.3**	-21.4	-9.3	476.5	999.9	99.9	999.9	161.3	65.
69.7	149.0	20053.5	53.0	-65.0	99.9	63.1	31.6**	-28.2	-14.3	482.2	999.9	99.9	999.9	179.7	65.
70.4	150.0	20288.5	51.0	-64.2	99.9	36.2	12.3**	-7.2	-9.9	489.4	999.9	99.9	999.9	178.2	65.
71.3	151.0	20659.6	48.0	-64.2	99.9	263.2	37.4**	37.1	4.4	498.0	999.9	99.9	999.9	179.4	65.
72.3	152.0	20919.5	46.0	-65.0	99.9	254.5	33.3**	32.1	8.9	502.2	999.9	99.9	999.9	181.0	65.
73.5	153.0	21190.8	44.0	-64.6	99.9	250.1	42.5**	40.0	14.5	509.6	999.9	99.9	999.9	184.7	66.
74.6	154.0	21474.6	42.0	-65.2	99.9	250.3	28.8**	27.1	9.7	514.9	999.9	99.9	999.9	187.0	66.
75.4	155.0	21927.5	39.0	-63.8	99.9	355.2	5.4**	0.5	-5.4	529.4	999.9	99.9	999.9	188.1	66.
76.5	156.0	22250.0	37.0	-64.2	99.9	24.9	11.0**	-4.6	-9.9	536.5	999.9	99.9	999.9	187.7	66.
77.8	157.0	22591.8	35.0	-62.1	99.9	252.3	9.0**	8.6	2.7	550.5	999.9	99.9	999.9	186.3	66.
79.2	158.0	22956.7	33.0	-60.8	99.9	245.2	54.9**	49.8	23.0	563.3	999.9	99.9	999.9	190.7	66.
80.3	159.0	23547.6	30.0	-62.1	99.9	250.2	59.1**	55.6	20.0	575.3	999.9	99.9	999.9	193.6	66.
81.7	160.0	23973.9	28.0	-62.3	99.9	245.1	44.7**	40.6	18.8	586.3	999.9	99.9	999.9	197.9	66.
83.2	161.0	24433.0	26.0	-61.0	99.9	250.6	24.2**	22.9	8.1	602.5	999.9	99.9	999.9	202.8	66.
84.8	162.0	24931.9	24.0	-59.8	99.9	40.5	12.8**	-8.3	-9.7	620.1	999.9	99.9	999.9	200.9	66.
86.3	163.0	25766.2	21.0	-59.9	99.9	251.6	41.7*	39.6	13.2	643.7	999.9	99.9	999.9	201.8	66.
88.2	164.0	26394.1	19.0	-58.0	99.9	251.2	71.1*	67.3	22.9	668.4	999.9	99.9	999.9	210.0	66.
90.4	165.0	27098.1	17.0	-56.2	99.9	285.0	9.0*	8.7	-2.3	695.9	999.9	99.9	999.9	212.4	67.
92.7	166.0	28327.9	14.0	-57.7	99.9	251.2	53.4*	50.6	17.2	730.5	999.9	99.9	999.9	215.8	67.
95.7	167.0	29303.9	12.0	-56.3	99.9	999.9	99.9	99.9	99.9	768.2	999.9	99.9	999.9	999.9	999.

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
2315 GMT

147 75. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTG CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	13.0	1007.5	14.0	11.4	200.0	3.1	1.1	2.9	287.7	310.1	8.7	87.0	0.0	0.
0.3	6.0	101.6	997.0	13.8	12.7	219.0	7.7	4.8	6.0	288.4	312.3	9.3	93.0	0.1	34.
0.6	7.0	195.3	986.0	13.4	12.4	219.5	7.7	4.9	5.9	288.9	312.7	9.3	93.8	0.2	35.
0.9	8.0	281.3	976.0	13.4	12.4	221.2	7.7	5.1	5.8	289.8	313.9	9.4	93.8	0.3	37.
1.2	9.0	377.0	965.0	13.2	12.1	224.0	7.3	5.1	5.2	290.5	314.5	9.2	92.8	0.4	39.
1.5	10.0	464.7	955.0	12.6	11.2	227.9	6.7	5.0	4.5	290.7	313.6	8.8	90.7	0.6	40.
1.9	11.0	579.9	942.0	11.9	9.8	237.3	7.4	6.2	4.0	291.0	312.3	8.1	87.3	0.7	42.
2.1	12.0	669.3	932.0	11.3	9.1	242.6	8.2	7.3	3.8	291.3	311.9	7.8	86.2	0.8	44.
2.4	13.0	759.5	922.0	11.0	6.6	249.8	10.2	9.6	3.5	291.7	309.4	6.7	74.7	1.0	48.
2.7	14.0	850.6	912.0	11.0	4.9	254.7	11.7	11.3	3.1	292.5	308.5	6.0	66.2	1.2	52.
3.0	15.0	942.6	902.0	10.4	3.4	258.4	13.1	12.8	2.6	292.8	307.4	5.4	61.6	1.4	56.
3.4	16.0	1063.3	889.0	9.5	-1.4	261.3	13.5	13.3	2.0	292.8	303.5	3.9	46.5	1.7	61.
3.7	17.0	1157.1	879.0	9.1	-5.6	264.2	13.6	13.5	1.4	293.3	301.3	2.9	34.8	1.9	63.
4.0	18.0	1251.8	869.0	8.8	-16.1	267.4	13.6	13.6	0.6	293.6	297.4	1.3	15.4	2.1	66.
4.3	19.0	1337.7	860.0	7.9	-15.9	267.8	13.9	13.9	0.5	293.6	297.4	1.3	16.5	2.4	68.
4.6	20.0	1433.9	850.0	7.0	-17.0	267.1	14.5	14.5	0.7	293.6	297.2	1.2	16.1	2.6	70.
5.0	21.0	1540.9	839.0	7.0	-17.4	263.3	16.1	16.0	1.9	294.7	298.2	1.2	15.5	2.9	72.
5.3	22.0	1639.4	829.0	7.5	-11.8	260.8	17.6	17.4	2.8	296.4	301.9	1.9	23.9	3.2	73.
5.7	23.0	1739.2	819.0	7.0	-12.9	258.5	18.5	18.2	3.7	296.8	301.9	1.7	22.5	3.7	74.
6.0	24.0	1829.9	810.0	6.1	-10.4	257.1	18.4	18.0	4.1	296.9	303.1	2.1	29.4	4.0	74.
6.2	25.0	1921.3	801.0	5.4	-10.2	255.9	18.2	17.6	4.4	297.1	303.5	2.2	31.3	4.2	74.
6.7	26.0	2034.1	790.0	4.6	-10.4	255.7	18.3	17.7	4.5	297.4	303.8	2.2	32.7	4.8	74.
7.0	27.0	2127.3	781.0	3.8	-12.3	257.9	18.9	18.5	4.0	297.4	303.0	1.9	29.8	5.1	74.
7.3	28.0	2221.3	772.0	3.1	-14.4	259.2	18.8	18.4	3.5	297.7	302.5	1.6	26.2	5.5	75.
7.5	29.0	2326.7	762.0	2.1	-14.7	260.0	18.7	18.4	3.2	297.7	302.4	1.6	27.5	5.8	75.
7.9	30.0	2411.7	754.0	1.3	-13.1	260.9	18.5	18.3	2.9	297.7	303.2	1.9	33.3	6.1	75.
8.2	31.0	2508.2	745.0	0.3	-11.7	260.7	18.7	18.4	3.0	297.7	303.8	2.1	39.8	6.5	76.
8.5	32.0	2605.5	736.0	-0.5	-10.3	260.3	19.0	18.7	3.2	297.9	304.8	2.4	47.2	6.8	76.
8.8	33.0	2703.8	727.0	-1.3	-10.9	258.8	20.2	19.8	3.9	298.1	304.8	2.3	47.8	7.1	76.
9.1	34.0	2791.9	719.0	-2.1	-10.6	257.4	21.7	21.2	4.7	298.2	305.1	2.4	51.8	7.5	76.
9.4	35.0	2892.0	710.0	-2.7	-8.0	255.9	23.9	23.2	5.8	298.6	306.6	2.8	62.5	7.8	76.
9.8	36.0	3004.6	700.0	-2.4	-7.4	254.3	27.4	26.4	7.4	300.3	309.3	3.1	68.4	8.5	76.
10.1	37.0	3107.4	691.0	-2.8	-5.8	253.2	30.0	28.7	8.7	300.9	311.2	3.6	75.8	9.0	76.
10.4	38.0	3199.8	683.0	-2.8	-4.3	252.1	32.2	30.7	9.9	302.0	313.6	4.1	89.8	9.6	76.
10.8	39.0	3293.2	675.0	-3.3	-4.4	250.6	34.3	32.4	11.4	302.5	314.2	4.1	92.0	10.4	76.
11.1	40.0	3387.5	667.0	-4.2	-8.9	249.3	35.6	33.3	12.6	302.3	310.8	2.9	65.6	11.0	75.
11.5	41.0	3518.9	656.0	-3.4	-17.4	247.7	36.9	34.1	14.0	304.4	309.0	1.5	33.0	11.9	75.
11.8	42.0	3615.8	648.0	-3.8	-19.4	246.9	37.3	34.3	14.6	305.1	309.1	1.3	28.4	12.6	74.
12.1	43.0	3713.9	640.0	-4.1	-24.0	246.2	37.4	34.2	15.1	305.8	308.5	0.9	19.4	13.2	74.
12.3	44.0	3812.9	632.0	-4.8	-23.6	245.7	37.1	33.9	15.3	306.1	308.9	0.9	21.3	13.8	74.
12.7	45.0	3913.1	624.0	-5.1	-22.5	244.8	36.9	33.4	15.7	306.8	310.0	1.0	24.0	14.6	73.
13.1	46.0	4014.3	616.0	-5.9	-21.7	244.0	37.3	33.5	16.3	307.1	310.6	1.1	27.3	15.4	73.
13.4	47.0	4116.6	608.0	-6.2	-21.8	243.7	38.5	34.6	17.1	307.9	311.4	1.1	27.7	16.0	72.
13.7	48.0	4220.2	600.0	-6.6	-19.7	243.6	39.7	35.6	17.7	308.6	312.8	1.3	34.2	16.8	72.
14.0	49.0	4324.8	592.0	-8.1	-26.2	243.6	40.9	36.7	18.2	308.0	310.4	0.8	21.5	17.6	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
2315 GMT

147 75. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.3	50.0	4417.2	585.0	-8.1	-26.2	243.6	41.0	36.7	18.2	309.0	311.5	0.8	21.5	18.3	71.
14.7	51.0	4564.6	574.0	-7.9	-34.1	243.4	40.6	36.3	18.2	310.8	312.1	0.4	10.1	19.3	71.
15.1	52.0	4659.8	567.0	-8.7	-33.5	242.9	39.9	35.5	18.2	311.1	312.4	0.4	11.3	20.2	71.
15.4	53.0	4755.9	560.0	-9.5	-32.3	242.2	39.7	35.1	18.5	311.2	312.7	0.4	13.6	21.0	70.
15.7	54.0	4866.9	552.0	-10.3	-32.4	241.5	40.2	35.3	19.1	311.6	313.1	0.4	14.2	21.6	70.
16.1	55.0	4979.1	544.0	-11.4	-31.6	240.8	41.3	36.1	20.2	311.5	313.2	0.5	16.9	22.5	70.
16.4	56.0	5092.5	536.0	-12.4	-29.8	240.5	42.3	36.8	20.8	311.7	313.7	0.6	21.7	23.3	69.
16.8	57.0	5207.2	528.0	-13.4	-32.0	240.4	42.4	36.8	20.9	311.8	313.5	0.5	19.0	24.4	69.
17.1	58.0	5308.6	521.0	-14.1	-32.6	240.4	41.9	36.5	20.7	312.2	313.8	0.5	19.1	25.2	69.
17.4	59.0	5455.4	511.0	-15.2	-33.2	240.5	41.1	35.8	20.3	312.6	314.1	0.4	19.6	25.9	68.
17.7	60.0	5559.5	504.0	-15.9	-32.1	240.5	40.8	35.5	20.1	313.0	314.7	0.5	23.2	26.6	68.
18.0	61.0	5664.8	497.0	-16.6	-31.8	240.4	40.9	35.6	20.2	313.4	315.2	0.5	25.3	27.2	68.
18.4	62.0	5756.1	491.0	-17.0	-33.6	239.9	42.8	37.1	21.5	314.0	315.5	0.5	22.0	28.3	68.
18.8	63.0	5863.7	484.0	-17.5	-34.7	239.5	45.5	39.2	23.1	314.6	316.0	0.4	20.7	29.3	67.
19.1	64.0	5972.7	477.0	-18.2	-35.7	239.4	47.4	40.8	24.1	315.0	316.4	0.4	19.8	30.1	67.
19.3	65.0	6067.0	471.0	-19.3	-35.7	239.6	48.4	41.8	24.5	314.8	316.2	0.4	21.7	30.7	67.
19.8	66.0	6154.3	463.0	-20.0	-35.7	240.7	49.3	43.0	24.1	315.5	316.9	0.4	23.0	31.3	67.
20.1	67.0	6307.1	456.0	-20.8	-36.7	241.7	48.9	43.1	23.2	315.9	317.1	0.4	22.2	32.2	66.
20.3	68.0	6405.0	450.0	-21.0	-38.4	242.4	48.3	42.8	22.3	316.8	317.8	0.3	19.0	33.7	66.
20.7	69.0	6520.5	443.0	-22.0	-38.8	243.7	47.1*	42.3	20.8	317.0	318.0	0.3	20.0	34.8	66.
21.1	70.0	6620.7	437.0	-22.7	-38.5	244.7	46.2*	41.7	19.7	317.4	318.5	0.3	21.9	35.9	66.
21.5	71.0	6756.0	429.0	-23.9	-38.5	245.4	45.6*	41.4	19.0	317.5	318.7	0.3	24.4	37.2	66.
21.9	72.0	6858.7	423.0	-24.8	-38.8	246.1	47.5*	43.4	19.3	317.6	318.7	0.3	25.5	38.0	66.
22.3	73.0	6962.4	417.0	-25.8	-38.8	246.5	51.2*	46.9	20.5	317.6	318.7	0.3	28.2	39.1	66.
22.8	74.0	7084.9	410.0	-26.2	-44.7	246.3	55.3*	50.6	22.2	318.6	319.2	0.2	15.5	40.9	66.
23.2	75.0	7191.5	404.0	-26.6	-47.5	245.6	56.4*	51.4	23.3	319.4	319.9	0.1	11.8	42.4	66.
23.6	76.0	7299.4	398.0	-27.2	-55.9	244.8	56.2*	50.9	23.9	320.1	320.2	0.0	4.5	43.7	66.
23.9	77.0	7427.1	391.0	-27.8	-56.3	244.2	56.0*	50.5	24.3	320.8	321.0	0.0	4.6	44.6	66.
24.3	78.0	7538.0	385.0	-28.8	-59.4	243.9	55.3*	49.7	24.3	321.0	321.1	0.0	3.4	46.0	66.
24.7	79.0	7650.2	379.0	-29.8	-58.6	243.9	53.7*	48.2	23.6	321.1	321.2	0.0	4.2	47.4	66.
25.2	80.0	7744.7	374.0	-30.6	-62.0	244.1	52.0*	46.8	22.7	321.2	321.3	0.0	2.9	48.9	66.
25.7	81.0	7878.7	367.0	-31.3	-70.0	244.3	53.9*	48.5	23.4	322.1	322.1	0.0	1.0	50.3	66.
26.1	82.0	7955.3	361.0	-32.0	-70.5	244.2	57.3*	51.6	24.9	322.7	322.7	0.0	1.0	51.6	66.
26.4	83.0	8093.7	356.0	-32.9	-71.1	244.0	59.1*	53.1	26.0	322.8	322.8	0.0	1.0	52.9	66.
26.8	84.0	8213.0	350.0	-34.1	-71.9	243.5	59.5*	53.2	26.5	322.7	322.7	0.0	1.0	54.3	66.
27.1	85.0	8333.8	344.0	-35.2	-72.6	243.2	58.9*	52.6	26.6	322.8	322.9	0.0	1.0	55.3	66.
27.6	86.0	8456.3	338.0	-36.0	-73.1	243.1	56.9*	50.8	25.7	323.4	323.4	0.0	1.0	57.0	66.
27.9	87.0	8622.3	330.0	-37.2	-73.9	243.3	55.0*	49.2	24.8	323.9	323.9	0.0	1.0	58.3	66.
28.2	88.0	8727.5	325.0	-38.3	-74.7	243.4	52.8*	47.2	23.6	323.8	323.9	0.0	1.0	59.2	66.
28.6	89.0	8855.4	319.0	-39.4	-67.7	243.7	49.9*	44.7	22.1	324.0	324.1	0.0	3.1	60.2	66.
28.9	90.0	8963.4	314.0	-40.5	99.9	244.0	48.6*	43.7	21.3	324.1	999.9	99.9	999.9	61.3	66.
29.3	91.0	9072.5	309.0	-41.4	99.9	244.6	49.3*	44.5	21.2	324.2	999.9	99.9	999.9	62.3	65.
29.6	92.0	9183.0	304.0	-42.7	99.9	245.0	50.4*	45.7	21.3	324.0	999.9	99.9	999.9	63.0	65.
30.1	93.0	9294.6	299.0	-43.8	99.9	245.4	50.9*	46.2	21.2	323.9	999.9	99.9	999.9	64.7	65.
30.8	94.0	9407.8	294.0	-44.4	99.9	244.2	42.7*	38.4	18.6	324.7	999.9	99.9	999.9	67.0	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
2315 GMT

147 75. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
31.1	95.0	9522.7	289.0	-44.4	99.9	242.6	41.1*	36.5	18.9	326.2	999.9	99.9	999.9	67.5	65.
31.7	96.0	9663.1	283.0	-45.0	99.9	239.2	52.0*	44.7	26.6	327.4	999.9	99.9	999.9	68.6	65.
32.0	97.0	9781.9	278.0	-46.0	99.9	238.2	61.6*	52.4	32.4	327.6	999.9	99.9	999.9	69.3	65.
32.3	98.0	9878.1	274.0	-47.2	99.9	237.2	66.5*	55.9	36.1	327.3	999.9	99.9	999.9	71.1	65.
32.6	99.0	9999.7	269.0	-48.4	99.9	236.1	68.7*	57.0	38.3	327.3	999.9	99.9	999.9	72.7	65.
32.9	100.0	10123.0	264.0	-49.3	99.9	234.5	65.3*	53.2	37.9	327.7	999.9	99.9	999.9	74.1	65.
33.4	101.0	10273.4	258.0	-50.3	99.9	231.8	58.2*	45.7	36.0	328.3	999.9	99.9	999.9	75.4	65.
33.8	104.0	10375.1	254.0	-51.7	99.9	230.6	56.1*	43.4	35.7	327.7	999.9	99.9	999.9	76.9	64.
34.1	103.0	10503.7	249.0	-52.8	99.9	230.4	57.2*	44.0	36.5	327.9	999.9	99.9	999.9	77.9	64.
34.5	104.0	10608.0	245.0	-53.9	99.9	231.1	62.6*	48.7	39.3	327.8	999.9	99.9	999.9	78.7	64.
35.0	105.0	10740.1	240.0	-54.9	99.9	231.7	69.6*	53.9	42.6	328.2	999.9	99.9	999.9	80.7	64.
35.3	106.0	10847.2	236.0	-56.1	99.9	230.7	64.7*	50.1	41.0	328.1	999.9	99.9	999.9	82.6	63.
35.8	107.0	10955.6	232.0	-57.4	99.9	229.5	56.0*	42.0	37.1	327.6	999.9	99.9	999.9	84.4	63.
36.2	108.0	11065.2	228.0	-58.5	99.9	227.5	53.3*	39.3	36.1	327.7	999.9	99.9	999.9	85.1	63.
36.8	109.0	11176.2	224.0	-59.7	99.9	228.7	62.0*	46.6	40.9	327.4	999.9	99.9	999.9	86.9	63.
37.1	110.0	11317.0	219.0	-60.6	99.9	229.3	66.5*	50.4	43.4	328.2	999.9	99.9	999.9	88.3	62.
37.7	111.0	11460.4	214.0	-61.7	99.9	228.7	61.0*	45.8	40.3	328.6	999.9	99.9	999.9	91.0	62.
38.1	112.0	11576.9	210.0	-62.9	99.9	227.1	50.2*	36.8	34.1	328.6	999.9	99.9	999.9	92.5	62.
38.5	113.0	11695.2	206.0	-63.4	99.9	224.8	40.6*	28.6	28.8	329.5	999.9	99.9	999.9	93.4	62.
38.9	114.0	11815.6	202.0	-63.8	99.9	227.1	44.9*	32.9	30.6	330.8	999.9	99.9	999.9	93.4	61.
39.2	115.0	11938.0	198.0	-64.6	99.9	230.3	53.0*	40.8	33.9	331.4	999.9	99.9	999.9	94.3	61.
39.9	116.0	12062.5	194.0	-65.0	99.9	236.5	78.2*	65.2	43.1	332.7	999.9	99.9	999.9	97.3	61.
40.3	117.0	12189.5	190.0	-65.2	99.9	238.9	89.3*	76.5	46.1	334.4	999.9	99.9	999.9	99.2	61.
40.8	118.0	12319.1	186.0	-65.0	99.9	241.4	95.4*	83.8	45.7	336.7	999.9	99.9	999.9	102.5	61.
41.3	119.0	12453.0	182.0	-61.0	99.9	243.9	91.9**	82.5	40.5	345.4	999.9	99.9	999.9	105.5	61.
41.8	120.0	12556.5	179.0	-59.9	99.9	246.3	82.7**	75.7	33.3	348.8	999.9	99.9	999.9	107.9	61.
42.3	121.0	12697.8	175.0	-59.5	99.9	248.8	70.3**	65.5	25.4	351.7	999.9	99.9	999.9	110.5	61.
42.7	122.0	12806.1	172.0	-59.0	99.9	251.3	59.2**	56.0	19.0	354.3	999.9	99.9	999.9	112.1	61.
43.2	123.0	12953.6	168.0	-59.5	99.9	255.8	46.5**	45.1	11.4	355.8	999.9	99.9	999.9	113.4	62.
43.6	124.0	13104.0	164.0	-60.6	99.9	260.4	38.7**	38.2	6.5	356.5	999.9	99.9	999.9	114.4	62.
44.1	125.0	13218.8	161.0	-61.0	99.9	264.7	34.1**	34.0	3.1	357.7	999.9	99.9	999.9	115.4	62.
44.8	126.0	13375.5	157.0	-60.1	99.9	256.3	53.6**	52.0	12.7	361.9	999.9	99.9	999.9	115.8	62.
45.3	127.0	13536.6	153.0	-60.1	99.9	251.8	74.4**	70.7	23.3	364.5	999.9	99.9	999.9	118.3	62.
45.8	128.0	13660.3	150.0	-59.5	99.9	251.4	76.5**	72.5	24.5	367.5	999.9	99.9	999.9	121.8	63.
46.3	129.0	13786.6	147.0	-60.1	99.9	252.3	70.5**	67.1	21.4	368.7	999.9	99.9	999.9	123.5	63.
46.9	130.0	13914.9	144.0	-61.2	99.9	250.1	83.7**	78.7	28.5	369.0	999.9	99.9	999.9	124.6	63.
47.5	131.0	14089.5	140.0	-61.9	99.9	248.1	97.9**	90.8	36.5	370.7	999.9	99.9	999.9	129.7	63.
48.0	132.0	14223.6	137.0	-61.7	99.9	249.7	78.1**	73.2	27.1	373.3	999.9	99.9	999.9	132.8	63.
48.5	133.0	14360.7	134.0	-61.9	99.9	252.1	50.7**	48.2	15.6	375.4	999.9	99.9	999.9	134.0	63.
49.1	134.0	14500.6	131.0	-62.5	99.9	251.1	37.8**	35.8	12.3	376.8	999.9	99.9	999.9	135.2	63.
49.7	135.0	14643.6	128.0	-62.5	99.9	251.3	44.1**	41.8	14.1	379.3	999.9	99.9	999.9	136.5	63.
50.4	136.0	14839.7	124.0	-62.1	99.9	251.9	62.8**	59.7	19.5	383.4	999.9	99.9	999.9	138.1	64.
50.9	137.0	15042.0	120.0	-62.9	99.9	251.8	66.1**	62.8	20.7	385.7	999.9	99.9	999.9	141.4	64.
51.6	138.0	15197.8	117.0	-63.4	99.9	250.0	67.0**	62.9	23.0	387.4	999.9	99.9	999.9	143.2	64.
52.2	139.0	15357.3	114.0	-63.4	99.9	245.7	82.4**	75.1	33.8	390.3	999.9	99.9	999.9	145.6	64.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

6 FEBRUARY 1975  
2315 GMT

147 75. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
52.8	140.0	15577.3	110.0	-62.3	99.9	243.0	82.1**	73.1	37.3	396.4	999.9	99.9	999.9	149.9	64.
53.5	141.0	15747.7	107.0	-63.2	99.9	242.6	56.5**	50.2	26.1	397.8	999.9	99.9	999.9	152.4	64.
54.1	142.0	15921.9	104.0	-64.8	99.9	244.2	43.3**	39.0	18.8	398.0	999.9	99.9	999.9	154.0	64.
54.7	143.0	16160.7	100.0	-65.8	99.9	246.1	33.3**	30.4	13.5	400.6	999.9	99.9	999.9	155.8	64.
55.4	144.0	16345.3	97.0	-66.6	99.9	244.4	36.5**	32.9	15.8	402.5	999.9	99.9	999.9	155.6	64.
56.2	145.0	16535.3	94.0	-66.9	99.9	242.3	48.0**	42.5	22.3	405.7	999.9	99.9	999.9	159.3	64.
57.1	146.0	16758.0	90.0	-66.9	99.9	246.9	16.5**	15.2	6.5	410.8	999.9	99.9	999.9	161.4	64.
58.1	147.0	17027.9	87.0	-66.9	99.9	48.4	30.1**	-22.5	-20.0	414.8	999.9	99.9	999.9	160.3	64.
59.2	148.0	17216.0	84.0	-64.8	99.9	254.4	40.6**	39.1	11.0	423.1	999.9	99.9	999.9	158.8	64.
60.0	149.0	17437.7	81.0	-65.2	99.9	999.9	99.9	99.9	99.9	426.7	999.9	99.9	999.9	999.9	999.
60.8	150.0	17666.7	78.0	-66.9	99.9	999.9	99.9	99.9	99.9	427.9	999.9	99.9	999.9	999.9	999.
61.6	151.0	17903.9	75.0	-66.4	99.9	999.9	99.9	99.9	99.9	433.6	999.9	99.9	999.9	999.9	999.



STATION NO. 208  
CHARLESTON, SC

7 FEBRUARY 1975  
515 GMT

155 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	13.0	1008.5	11.1	7.0	300.0	6.2	5.4	-3.1	284.4	300.5	6.3	76.0	0.0	0.
0.4	6.0	125.5	995.0	10.6	6.9	303.6	12.8	10.7	-7.1	284.9	301.2	6.3	78.1	0.3	115.
0.7	7.0	235.0	982.0	9.6	6.1	305.3	13.2	10.7	-7.6	285.1	300.7	6.0	78.5	0.4	118.
1.0	8.0	345.6	969.0	8.7	4.9	307.6	13.7	10.8	-8.3	285.2	299.8	5.6	76.9	0.6	120.
1.3	9.0	448.7	957.0	8.0	4.5	309.1	14.6	11.4	-9.2	285.4	299.9	5.5	78.5	0.9	123.
1.7	10.0	561.5	944.0	6.8	3.5	307.7	15.6	12.3	-9.5	285.3	298.9	5.2	79.5	1.3	125.
2.0	11.0	693.1	929.0	6.3	3.1	304.4	16.0	13.2	-9.1	286.0	299.6	5.2	80.4	1.6	126.
2.3	12.0	799.7	917.0	5.2	2.5	296.7	15.6	14.0	-7.0	286.0	299.2	5.0	82.7	1.8	125.
2.7	13.0	907.3	905.0	4.9	3.3	286.0	14.9	14.3	-4.1	286.8	300.9	5.4	89.5	2.2	123.
3.0	14.0	1025.5	892.0	4.9	3.6	277.3	14.2	14.1	-1.8	288.0	302.9	5.7	92.8	2.5	120.
3.3	15.0	1126.9	881.0	4.5	3.7	267.1	14.0	14.0	0.7	288.7	303.7	5.7	94.2	2.7	118.
3.7	16.0	1267.0	866.0	4.4	3.7	253.1	15.0	14.3	6.3	289.9	305.3	5.8	95.5	3.0	114.
4.1	17.0	1380.7	854.0	4.0	2.9	244.5	17.6	15.9	7.6	290.7	305.4	5.5	92.0	3.2	109.
4.5	18.0	1486.3	843.0	4.2	-2.7	246.2	21.2	19.4	8.5	291.7	302.0	3.7	60.9	3.5	104.
4.8	19.0	1593.1	832.0	3.9	-10.8	248.9	23.5	21.9	8.4	292.2	298.0	2.0	33.4	3.9	100.
5.2	20.0	1711.3	820.0	4.4	-7.5	250.0	25.4	23.8	8.7	294.1	301.6	2.7	41.7	4.4	96.
5.7	21.0	1851.3	806.0	3.3	-6.6	249.1	25.8	24.1	9.2	294.5	302.5	2.9	47.4	5.1	92.
6.0	22.0	1962.6	795.0	2.5	-7.1	248.6	25.7	23.9	9.4	294.7	302.7	2.8	48.9	5.6	91.
6.4	23.0	2075.0	784.0	1.4	-8.3	248.4	25.5	23.8	9.4	294.6	302.1	2.6	48.6	6.1	88.
6.9	24.0	2188.6	773.0	0.6	-8.9	249.4	26.0	24.3	9.2	294.9	302.1	2.5	49.0	6.8	86.
7.2	25.0	2303.6	762.0	0.1	-7.8	250.4	26.5	25.0	8.9	295.7	303.6	2.8	55.5	7.3	85.
7.6	26.0	2451.9	748.0	-1.4	-8.3	252.0	27.3	26.0	8.4	295.7	303.4	2.7	59.0	7.9	84.
8.0	27.0	2559.1	738.0	-2.0	-9.5	253.6	27.9	26.8	7.9	296.1	303.3	2.5	56.1	8.6	83.
8.3	28.0	2678.3	727.0	-2.9	-11.2	253.9	28.1	27.0	7.8	296.3	302.8	2.2	52.7	9.1	83.
8.7	29.0	2788.0	717.0	-3.5	-11.3	253.1	28.4	27.2	8.3	296.8	303.3	2.3	55.0	9.8	82.
9.0	30.0	2899.0	707.0	-4.0	-12.3	251.6	28.7	27.2	9.1	297.5	303.6	2.1	52.1	10.3	82.
9.4	31.0	3022.7	696.0	-4.3	-13.5	248.2	29.5	27.4	11.0	298.4	304.1	1.9	48.5	10.9	81.
9.9	32.0	3125.4	687.0	-3.4	-26.3	245.4	31.3	28.4	13.0	300.4	302.4	0.6	14.9	11.8	80.
10.1	33.0	3241.3	677.0	-3.5	-30.5	245.0	32.1	29.1	13.6	301.5	302.9	0.4	10.1	12.2	79.
10.6	34.0	3358.6	667.0	-4.5	-32.4	245.8	34.2	31.2	14.0	301.7	302.9	0.4	9.1	13.1	78.
10.9	35.0	3477.4	657.0	-4.9	-29.9	246.9	35.1	32.3	13.7	302.5	304.1	0.5	11.9	13.8	78.
11.4	36.0	3634.3	644.0	-5.7	-28.4	248.9	36.2	33.7	13.0	303.4	305.2	0.6	14.6	14.8	77.
11.8	37.0	3744.4	635.0	-6.6	-24.8	249.9	37.0	34.7	12.7	303.6	306.2	0.8	21.8	15.7	76.
12.2	38.0	3868.2	625.0	-7.5	-20.7	250.3	38.0	35.8	12.8	304.0	307.7	1.2	33.7	16.6	76.
12.5	39.0	3981.0	616.0	-8.3	-17.9	250.2	39.1	36.7	13.2	304.3	309.0	1.5	45.8	17.2	76.
13.0	40.0	4107.8	606.0	-9.5	-15.3	249.4	40.6	38.0	14.2	304.5	310.3	1.9	62.5	18.5	76.
13.4	41.0	4249.2	595.0	-10.5	-14.4	248.8	40.3	37.5	14.6	304.9	311.2	2.1	72.9	19.5	75.
13.8	42.0	4379.7	585.0	-10.7	-18.5	248.3	39.6	36.8	14.6	306.2	310.8	1.5	52.2	20.5	75.
14.2	43.0	4499.0	576.0	-10.7	-20.8	248.4	39.8	37.0	14.6	307.5	311.4	1.3	42.9	21.3	75.
14.6	44.0	4606.6	568.0	-10.9	-24.0	249.7	41.2	38.5	14.6	308.3	311.4	1.0	33.1	22.1	74.
14.9	45.0	4729.3	559.0	-10.8	-25.0	250.0	43.0	40.4	14.7	309.9	312.8	0.9	29.8	23.1	74.
15.2	46.0	4854.1	550.0	-11.1	-25.9	250.5	44.5	42.0	14.9	311.0	313.7	0.8	28.0	23.8	74.
15.7	47.0	4980.6	541.0	-11.9	-23.5	250.3	46.5	43.8	15.6	311.5	314.9	1.1	37.3	25.2	74.
16.0	48.0	5094.5	533.0	-12.4	-23.3	249.7	47.3	44.3	16.4	312.3	315.8	1.1	39.5	26.1	74.
16.5	49.0	5224.5	524.0	-13.1	-23.9	249.2	48.7	45.2	18.0	313.0	316.4	1.0	39.4	27.5	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

7 FEBRUARY 1975  
515 GMT

155 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.9	50.0	5341.6	516.0	-14.0	-25.4	247.8	49.7*	46.0	18.8	313.2	316.2	0.9	37.5	28.6	73.
17.3	51.0	5489.9	506.0	-15.2	-26.8	247.5	49.4*	45.7	18.9	313.5	316.3	0.8	36.2	29.9	73.
17.8	52.0	5610.1	498.0	-16.3	-27.0	247.3	48.1*	44.4	18.6	313.6	316.4	0.8	38.8	31.4	73.
18.1	53.0	5731.9	490.0	-16.9	-25.7	247.2	47.8*	44.0	18.5	314.3	317.4	1.0	46.4	32.2	73.
18.5	54.0	5870.7	481.0	-18.2	-26.1	247.2	49.1*	45.3	19.0	314.4	317.5	0.9	49.8	33.0	72.
18.9	55.0	5980.1	474.0	-19.0	-27.9	247.7	51.0*	47.2	19.4	314.7	317.4	0.8	44.8	34.5	72.
19.4	56.0	6138.6	464.0	-19.9	-30.5	248.1	50.3*	46.7	19.7	315.4	317.6	0.6	38.2	36.2	72.
19.8	57.0	6267.6	456.0	-20.2	-32.9	248.6	48.8*	45.4	17.8	316.7	318.4	0.5	30.9	37.3	72.
20.2	58.0	6398.5	448.0	-21.1	-33.8	249.4	49.1*	45.9	17.2	317.1	318.7	0.5	30.6	38.3	72.
20.7	59.0	6514.7	441.0	-21.7	-34.6	250.7	52.7*	49.7	17.4	317.8	319.4	0.5	29.7	39.8	72.
21.1	60.0	6649.4	433.0	-22.2	-36.9	251.2	56.1*	53.1	18.1	318.8	320.1	0.4	24.7	41.2	72.
21.5	61.0	6769.1	426.0	-22.7	-38.9	251.2	57.9*	54.8	18.7	319.6	320.7	0.3	21.1	42.6	72.
22.0	62.0	6890.5	419.0	-23.3	-44.6	250.1	58.0*	54.5	19.7	320.4	321.0	0.2	12.1	44.4	72.
22.4	63.0	7031.4	411.0	-24.1	-48.5	249.3	57.7*	54.0	20.5	321.1	321.6	0.1	8.3	45.6	72.
22.9	64.0	7156.4	404.0	-25.3	-48.8	248.9	55.7*	51.9	20.1	321.2	321.6	0.1	9.0	47.5	72.
23.2	65.0	7283.2	397.0	-26.1	-48.8	248.8	54.2*	50.6	19.6	321.7	322.2	0.1	9.6	48.6	71.
23.8	66.0	7430.1	389.0	-27.3	-49.2	248.8	55.1*	51.4	19.9	322.1	322.5	0.1	10.3	50.2	71.
24.1	67.0	7560.6	382.0	-28.7	-49.0	248.9	57.5*	53.7	20.7	322.8	322.3	0.1	12.1	51.0	71.
24.7	68.0	7673.6	376.0	-30.0	-48.9	249.3	59.4*	55.5	21.0	321.5	322.0	0.1	13.7	53.6	71.
25.0	69.0	7826.4	368.0	-31.2	-48.2	249.6	56.9*	53.3	19.8	321.9	322.4	0.1	16.8	55.2	71.
25.5	70.0	7942.7	362.0	-32.0	-50.2	250.0	51.2*	48.1	17.5	322.4	322.8	0.1	14.4	56.0	71.
26.1	71.0	8100.4	354.0	-32.5	-52.2	250.0	56.1*	52.7	19.2	323.7	324.1	0.1	11.9	57.9	71.
26.6	72.0	8220.5	348.0	-33.9	-54.0	250.2	61.5*	57.9	20.8	323.5	323.8	0.1	11.0	59.7	71.
27.0	73.0	8342.2	342.0	-34.9	-56.1	250.6	60.4*	57.0	20.1	323.7	323.9	0.1	9.4	61.7	71.
27.6	74.0	8486.2	335.0	-35.9	-57.2	251.0	51.4*	49.6	16.7	324.3	324.5	0.0	9.0	63.6	71.
28.1	75.0	8611.4	329.0	-37.2	-58.7	251.1	49.4*	46.8	16.0	324.2	324.3	0.0	8.5	64.6	71.
28.7	76.0	8738.4	323.0	-38.3	-59.4	250.7	54.9*	51.8	18.2	324.4	324.5	0.0	8.6	66.6	71.
29.2	77.0	8867.1	317.0	-39.2	-59.6	249.9	61.1*	57.3	21.0	324.8	325.0	0.0	9.3	68.4	71.
29.8	78.0	8997.7	311.0	-40.3	99.9	248.6	67.8*	63.1	24.8	325.2	999.9	99.9	999.9	70.5	71.
30.2	79.0	9108.0	306.0	-41.3	99.9	247.7	68.1*	63.0	25.8	325.3	999.9	99.9	999.9	72.5	71.
30.8	80.0	9264.9	299.0	-42.1	99.9	245.7	59.1*	53.9	24.3	326.3	999.9	99.9	999.9	74.9	71.
31.3	81.0	9424.6	292.0	-43.8	99.9	242.1	49.2*	43.5	23.0	326.1	999.9	99.9	999.9	76.7	71.
31.8	82.0	9540.4	287.0	-44.5	99.9	237.9	44.9*	38.1	23.8	326.7	999.9	99.9	999.9	77.6	71.
32.1	83.0	9657.9	282.0	-45.4	99.9	236.2	45.7*	38.0	25.5	327.2	999.9	99.9	999.9	78.1	70.
32.5	84.0	9801.1	276.0	-46.4	99.9	235.2	50.9*	41.8	29.0	327.7	999.9	99.9	999.9	80.1	70.
32.9	85.0	9922.2	271.0	-47.7	99.9	234.8	59.1*	48.3	34.1	327.5	999.9	99.9	999.9	80.2	70.
33.4	86.0	10094.4	264.0	-49.2	99.9	233.7	64.7*	52.1	38.3	327.8	999.9	99.9	999.9	83.0	70.
33.9	87.0	10219.6	259.0	-50.2	99.9	230.9	59.8*	46.4	37.7	328.1	999.9	99.9	999.9	84.6	69.
34.3	88.0	10346.5	254.0	-51.4	99.9	227.5	52.4*	38.6	35.4	328.1	999.9	99.9	999.9	86.2	69.
34.8	89.0	10475.3	249.0	-52.4	99.9	224.2	48.6*	33.9	34.8	328.6	999.9	99.9	999.9	87.0	69.
35.3	90.0	10606.1	244.0	-53.8	99.9	224.9	53.7*	37.9	38.0	328.4	999.9	99.9	999.9	88.3	68.
35.8	91.0	10738.8	239.0	-54.9	99.9	227.7	61.8*	45.7	41.6	328.6	999.9	99.9	999.9	90.0	68.
36.1	92.0	10873.6	234.0	-55.9	99.9	229.5	66.4*	50.5	43.1	329.1	999.9	99.9	999.9	91.0	67.
36.7	93.0	11010.7	229.0	-57.1	99.9	232.8	75.1*	59.7	45.4	329.4	999.9	99.9	999.9	93.5	67.
37.0	94.0	11150.1	224.0	-58.1	99.9	234.0	79.4*	64.3	46.7	329.9	999.9	99.9	999.9	94.3	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

7 FEBRUARY 1975  
515 GMT

155 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.5	95.0	11263.4	220.0	-58.8	99.9	234.1	79.5**	64.3	46.6	330.6	999.9	99.9	999.9	98.0	66.
38.0	96.0	11436.5	214.0	-60.0	99.9	231.5	66.5**	52.0	41.4	331.3	999.9	99.9	999.9	99.4	66.
38.4	97.0	11554.3	210.0	-60.2	99.9	227.0	48.3**	35.3	32.9	332.8	999.9	99.9	999.9	101.6	66.
38.8	98.0	11704.5	205.0	-60.5	99.9	221.0	32.6**	21.3	24.6	334.5	999.9	99.9	999.9	102.2	66.
39.1	99.0	11826.9	201.0	-61.6	99.9	217.1	24.7**	14.9	19.7	334.7	999.9	99.9	999.9	102.2	66.
39.5	100.0	11951.7	197.0	-60.7	99.9	222.3	22.7**	15.3	16.8	338.1	999.9	99.9	999.9	102.1	65.
40.1	101.0	12112.2	192.0	-59.1	99.9	237.4	35.6*	30.0	19.2	343.1	999.9	99.9	999.9	103.4	65.
40.5	102.0	12244.3	188.0	-58.8	99.9	241.6	46.4*	40.9	22.1	345.8	999.9	99.9	999.9	104.5	65.
41.0	103.0	12379.3	184.0	-59.0	99.9	242.9	61.3**	54.6	27.9	347.6	999.9	99.9	999.9	105.6	65.
41.5	104.0	12516.8	180.0	-60.2	99.9	242.6	74.6**	66.2	34.3	347.8	999.9	99.9	999.9	108.1	65.
42.0	105.0	12657.0	176.0	-60.2	99.9	241.9	87.4**	77.2	41.1	350.0	999.9	99.9	999.9	110.8	65.
42.5	106.0	12800.0	172.0	-61.5	99.9	242.1	99.8**	88.2	46.7	350.2	999.9	99.9	999.9	112.0	65.
43.1	107.0	12945.7	168.0	-62.0	99.9	244.3	93.4**	84.1	40.5	351.7	999.9	99.9	999.9	118.2	65.
43.7	108.0	13057.0	165.0	-62.4	99.9	247.1	69.9**	64.4	27.2	352.9	999.9	99.9	999.9	120.0	65.
44.2	109.0	13208.5	161.0	-62.4	99.9	248.7	45.7**	42.6	16.6	355.4	999.9	99.9	999.9	122.3	65.
44.8	110.0	13363.9	157.0	-62.4	99.9	258.0	14.2**	13.9	2.9	357.9	999.9	99.9	999.9	123.7	65.
45.3	111.0	13523.1	153.0	-62.6	99.9	278.0	7.9**	7.8	-1.1	360.3	999.9	99.9	999.9	122.7	65.
46.0	112.0	13686.2	149.0	-63.3	99.9	251.4	44.9**	42.6	14.3	361.7	999.9	99.9	999.9	122.7	65.
46.6	113.0	13811.5	146.0	-62.6	99.9	249.0	82.5**	77.0	29.5	365.1	999.9	99.9	999.9	125.9	65.
47.1	114.0	13939.6	143.0	-62.4	99.9	249.1	96.3**	90.0	34.4	367.6	999.9	99.9	999.9	128.8	65.
47.7	115.0	14070.4	140.0	-62.6	99.9	248.4	103.0**	95.7	38.0	369.5	999.9	99.9	999.9	132.4	66.
48.4	116.0	14249.1	136.0	-62.9	99.9	246.7	104.4**	95.9	41.2	371.9	999.9	99.9	999.9	136.9	66.
48.9	117.0	14432.6	132.0	-63.7	99.9	246.6	87.1**	80.0	34.6	373.8	999.9	99.9	999.9	140.4	66.
49.6	118.0	14526.1	130.0	-64.3	99.9	250.7	40.4**	38.1	13.3	374.4	999.9	99.9	999.9	143.7	66.
50.2	119.0	14717.2	126.0	-64.5	99.9	267.6	17.8**	17.8	0.7	377.4	999.9	99.9	999.9	143.4	66.
50.8	120.0	14864.6	123.0	-64.3	99.9	272.8	22.1**	22.1	-1.1	380.3	999.9	99.9	999.9	143.4	66.
51.4	121.0	15015.7	120.0	-64.1	99.9	271.7	28.0**	28.0	-0.8	383.4	999.9	99.9	999.9	145.6	66.
52.0	122.0	15170.9	117.0	-63.7	99.9	271.6	29.1**	29.1	-0.8	386.9	999.9	99.9	999.9	145.2	66.
52.6	123.0	15276.6	115.0	-63.9	99.9	266.0	31.8**	31.7	2.2	388.4	999.9	99.9	999.9	146.6	66.
53.2	124.0	15438.6	112.0	-63.9	99.9	257.3	39.9**	38.9	8.8	391.4	999.9	99.9	999.9	147.9	66.
53.8	125.0	15605.0	109.0	-63.9	99.9	251.7	57.4**	54.5	18.0	394.4	999.9	99.9	999.9	149.3	67.
54.6	126.0	15776.2	106.0	-63.5	99.9	250.7	54.5**	51.5	18.0	398.3	999.9	99.9	999.9	152.7	67.
55.1	127.0	15952.5	103.0	-63.7	99.9	250.4	42.1**	39.7	14.1	401.3	999.9	99.9	999.9	154.1	67.
55.8	128.0	16133.5	100.0	-64.5	99.9	247.9	34.3**	32.2	13.1	403.2	999.9	99.9	999.9	155.7	67.
56.5	129.0	16256.7	98.0	-65.5	99.9	246.7	32.3**	29.6	12.8	403.6	999.9	99.9	999.9	156.8	67.
57.1	130.0	16445.6	95.0	-65.9	99.9	246.7	30.2**	27.7	11.9	406.4	999.9	99.9	999.9	158.4	67.
58.0	131.0	16640.2	92.0	-66.3	99.9	246.7	62.3**	57.2	24.6	409.3	999.9	99.9	999.9	157.7	67.
58.6	132.0	16841.0	89.0	-66.5	99.9	246.7	63.6**	58.4	25.2	412.8	999.9	99.9	999.9	164.3	67.
59.1	133.0	16978.5	87.0	-66.9	99.9	246.6	42.3**	38.8	16.8	414.7	999.9	99.9	999.9	164.9	67.
59.8	134.0	17118.9	85.0	-67.1	99.9	244.3	28.2**	25.4	12.2	417.0	999.9	99.9	999.9	165.9	67.
60.4	135.0	17335.8	82.0	-67.1	99.9	236.6	23.1**	19.3	12.7	421.3	999.9	99.9	999.9	166.5	67.
61.0	136.0	17484.4	80.0	-68.4	99.9	228.0	19.2**	14.3	12.9	421.7	999.9	99.9	999.9	167.3	67.
61.8	137.0	17712.9	77.0	-69.7	99.9	238.6	30.2**	25.8	15.7	423.6	999.9	99.9	999.9	167.7	66.
62.7	138.0	17950.5	74.0	-68.4	99.9	235.9	29.1**	24.1	16.3	431.2	999.9	99.9	999.9	171.2	66.
63.5	139.0	18114.9	72.0	-68.4	99.9	232.8	13.3**	10.6	8.0	434.6	999.9	99.9	999.9	170.1	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

7 FEBRUARY 1975  
515 GMT

155 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.3	140.0	18370.5	69.0	-67.7	99.9	250.9	42.4**	40.1	13.9	441.3	999.9	99.9	999.9	172.2	66.
65.2	141.0	18637.7	66.0	-68.2	99.9	251.2	62.4**	59.1	20.1	446.0	999.9	99.9	999.9	175.4	66.
66.2	142.0	18822.9	64.0	-67.3	99.9	257.3	40.0**	39.0	8.8	451.8	999.9	99.9	999.9	178.7	67.
67.0	143.0	19114.1	61.0	-64.9	99.9	283.7	13.6**	13.2	-3.2	463.5	999.9	99.9	999.9	181.0	67.
67.9	144.0	19318.2	59.0	-63.3	99.9	256.1	16.2**	15.7	3.9	471.4	999.9	99.9	999.9	180.0	67.
68.9	145.0	19530.4	57.0	-62.9	99.9	246.9	37.5**	34.5	14.7	477.0	999.9	99.9	999.9	181.9	67.
69.8	146.0	19862.8	54.0	-63.5	99.9	247.1	36.6**	33.7	14.3	483.1	999.9	99.9	999.9	184.3	67.
70.9	147.0	20094.1	52.0	-64.3	99.9	259.6	22.1**	21.6	4.4	486.5	999.9	99.9	999.9	186.4	67.
72.1	148.0	20457.7	49.0	-64.3	99.9	251.7	61.5**	58.4	19.3	494.9	999.9	99.9	999.9	189.3	67.
73.3	149.0	20712.5	47.0	-64.5	99.9	253.4	44.3**	42.4	12.7	500.3	999.9	99.9	999.9	192.6	67.
74.5	150.0	20978.6	45.0	-64.1	99.9	265.0	18.5**	18.5	1.6	507.5	999.9	99.9	999.9	196.4	67.
75.7	151.0	21401.8	42.0	-63.3	99.9	262.2	11.9**	11.8	1.6	519.6	999.9	99.9	999.9	195.7	67.
77.0	152.0	21701.6	40.0	-63.5	99.9	67.3	4.5**	-4.1	-1.7	526.4	999.9	99.9	999.9	196.6	67.
78.4	153.0	22017.8	38.0	-61.8	99.9	244.3	5.4**	4.9	2.3	538.5	999.9	99.9	999.9	197.0	67.
79.9	154.0	22524.4	35.0	-63.9	99.9	245.2	44.1**	40.0	18.5	545.9	999.9	99.9	999.9	200.2	67.
81.7	155.0	22885.5	33.0	-63.3	99.9	235.8	4.2**	3.4	2.3	556.7	999.9	99.9	999.9	200.4	67.
83.3	156.0	23269.3	31.0	-63.9	99.9	281.1	6.6**	6.5	-1.3	565.1	999.9	99.9	999.9	201.7	67.
85.4	157.0	23895.4	28.0	-62.4	99.9	249.5	25.0**	23.4	8.7	586.1	999.9	99.9	999.9	205.2	67.
87.4	158.0	24353.9	26.0	-61.5	99.9	251.0	99.7**	94.3	32.5	601.2	999.9	99.9	999.9	207.6	67.
89.7	159.0	24847.8	24.0	-63.5	99.9	999.9	99.9	99.9	99.9	609.2	999.9	99.9	999.9	999.9	999.

STATION NO. 208  
CHARLESTON, SC

7 FEBRUARY 1975  
1115 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	13.0	1011.9	4.4	-0.4	300.0	4.1	3.6	-2.0	277.1	286.6	3.7	71.0	0.0	0.
0.1	5.0	28.3	1010.0	4.5	-0.2	999.9	99.9	99.9	99.9	277.4	287.0	3.7	71.3	999.9	999.
0.4	6.0	150.1	995.0	3.7	-0.0	999.9	99.9	99.9	99.9	277.7	287.6	3.8	76.7	999.9	999.
0.7	7.0	248.6	983.0	3.2	-1.0	999.9	99.9	99.9	99.9	278.1	287.5	3.6	73.8	999.9	999.
1.0	8.0	348.1	971.0	2.2	-1.8	999.9	99.9	99.9	99.9	278.1	287.1	3.5	75.2	999.9	999.
1.3	9.0	440.0	960.0	1.5	-2.0	999.9	99.9	99.9	99.9	278.3	287.3	3.4	77.6	999.9	999.
1.7	10.0	533.0	949.0	1.8	-2.7	333.9	12.0	5.3	-10.8	279.6	288.2	3.3	71.7	1.1	135.
2.1	11.0	653.0	935.0	2.3	-4.0	346.5	11.0	2.6	-10.7	281.2	289.3	3.0	62.9	1.3	141.
2.4	12.0	757.4	923.0	1.8	-2.0	351.4	9.9	1.5	-9.8	281.8	291.3	3.6	75.7	1.5	145.
2.8	13.0	854.0	912.0	1.2	-2.9	346.7	8.1	1.9	-7.9	282.1	291.1	3.4	74.3	1.7	148.
3.1	14.0	951.6	901.0	0.5	-2.5	333.3	7.3	3.3	-6.5	282.4	291.7	3.5	80.1	1.8	150.
3.5	15.0	1050.6	890.0	2.2	-2.9	309.1	9.1	7.0	-5.7	285.1	294.4	3.5	69.3	2.0	149.
3.9	16.0	1178.9	876.0	3.3	-10.8	299.1	12.8	11.2	-6.2	287.4	292.8	1.9	34.6	2.2	146.
4.2	17.0	1272.0	866.0	3.5	-12.4	294.5	14.0	12.7	-5.8	288.5	293.3	1.7	29.9	2.5	143.
4.5	18.0	1375.8	855.0	3.7	-14.3	290.2	14.4	13.5	-5.0	289.7	293.9	1.5	25.3	2.7	140.
4.9	19.0	1480.8	844.0	3.3	-15.3	287.0	13.7	13.1	-4.0	290.4	294.4	1.4	23.9	3.0	136.
5.2	20.0	1577.3	834.0	2.7	-16.8	286.4	13.8	13.2	-3.9	290.7	294.3	1.2	22.1	3.2	134.
5.7	21.0	1704.2	821.0	2.2	-19.3	284.6	13.9	13.4	-3.5	291.4	294.4	1.0	18.5	3.6	131.
6.0	22.0	1812.9	810.0	1.5	-20.2	281.4	13.6	13.3	-2.7	291.8	294.7	0.9	18.0	3.8	129.
6.3	23.0	1912.7	800.0	0.5	-21.0	278.9	14.1	13.9	-2.2	291.8	294.5	0.9	18.0	4.0	128.
6.7	24.0	2013.5	790.0	0.2	-22.0	274.4	14.8	14.8	-1.1	292.5	295.0	0.8	17.0	4.3	125.
7.0	25.0	2125.7	779.0	-0.6	-23.3	270.3	15.5	15.5	-0.1	292.8	295.1	0.7	15.9	4.6	124.
7.4	26.0	2249.6	767.0	-0.8	-26.3	266.8	16.2	16.2	0.9	293.9	295.7	0.6	12.3	4.9	121.
7.8	27.0	2354.3	757.0	-0.9	-26.4	264.9	16.8	16.8	1.5	294.8	296.7	0.6	12.3	5.2	118.
8.1	28.0	2460.3	747.0	-1.4	-26.7	264.2	17.3	17.2	1.7	295.4	297.2	0.6	12.4	5.4	116.
9.5	29.0	2567.4	737.0	-2.5	-27.5	264.1	17.9	17.8	1.8	295.4	297.1	0.5	12.5	5.8	114.
8.9	30.0	2675.6	727.0	-3.3	-28.1	264.4	18.8	18.7	1.9	295.7	297.3	0.5	12.5	6.2	112.
9.2	31.0	2773.9	718.0	-4.1	-28.7	264.6	19.4	19.3	1.8	295.9	297.4	0.5	12.6	6.5	111.
9.5	32.0	2884.3	708.0	-4.8	-29.2	264.8	19.9	19.8	1.8	296.2	297.7	0.5	12.7	6.8	109.
9.9	33.0	2984.7	699.0	-5.7	-29.9	264.6	20.4	20.3	1.9	296.3	297.7	0.5	12.7	7.3	108.
10.2	34.0	3097.5	689.0	-6.5	-30.4	264.2	20.8	20.7	2.1	296.7	298.1	0.4	12.8	7.6	107.
10.6	35.0	3200.0	680.0	-7.7	-31.3	263.6	21.5	21.4	2.4	296.4	297.8	0.4	12.9	8.1	105.
11.0	36.0	3326.6	669.0	-8.6	-32.0	263.4	22.4	22.2	2.6	296.8	298.1	0.4	13.0	8.5	104.
11.4	37.0	3443.2	659.0	-9.2	-32.4	264.2	22.8	22.7	2.3	297.5	298.7	0.4	13.0	9.1	103.
11.7	38.0	3549.4	650.0	-9.7	-32.8	264.7	23.0	22.9	2.1	298.0	299.2	0.4	13.1	9.5	102.
12.1	39.0	3656.9	641.0	-10.6	-33.5	264.8	23.3	23.2	2.1	298.2	299.3	0.3	13.2	10.0	101.
12.4	40.0	3765.7	632.0	-10.5	-33.4	263.9	23.8	23.6	2.5	299.5	300.7	0.4	13.1	10.4	100.
12.9	41.0	3888.4	622.0	-10.5	-33.4	261.8	25.8	25.5	3.7	300.9	302.1	0.4	13.1	11.1	99.
13.2	42.0	4000.7	613.0	-10.0	-33.0	261.1	27.5	27.2	4.2	302.7	303.9	0.4	13.1	11.5	99.
13.6	43.0	4114.8	604.0	-9.7	-32.8	260.8	29.8	29.4	4.7	304.3	305.6	0.4	13.1	12.2	97.
13.9	44.0	4217.5	596.0	-10.6	-33.5	260.9	31.1	30.7	4.9	304.4	305.7	0.4	13.2	12.7	97.
14.2	45.0	4334.4	587.0	-11.3	-34.0	260.6	32.0	31.5	5.2	304.9	306.1	0.4	13.2	13.3	96.
14.6	46.0	4439.5	579.0	-12.0	-34.5	259.7	33.1	32.6	5.9	305.3	306.5	0.3	13.3	14.1	95.
14.9	47.0	4545.9	571.0	-12.2	-34.6	258.8	34.4	33.7	6.7	306.3	307.5	0.3	13.3	14.6	95.
15.3	48.0	4667.2	562.0	-12.7	-35.1	258.3	37.0	36.2	7.5	307.1	308.2	0.3	13.3	15.4	94.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

7 FEBRUARY 1975  
1115 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.7	49.0	4776.5	554.0	-13.2	-35.4	258.1	39.9	39.1	8.2	307.8	309.0	0.3	13.4	16.3	93.
16.0	50.0	4887.3	546.0	-13.3	-35.5	258.1	42.2	41.2	8.7	308.9	310.1	0.3	13.4	17.0	92.
16.4	51.0	5028.1	536.0	-12.9	-35.2	256.9	44.4	43.3	10.0	311.1	312.3	0.4	13.4	18.0	92.
16.9	52.0	5142.7	528.0	-13.4	-33.0	255.1	46.9	45.3	12.1	311.8	313.3	0.4	17.4	19.4	90.
17.3	53.0	5258.7	520.0	-14.0	-32.6	254.0	48.7	46.8	13.4	312.5	314.0	0.5	19.0	20.5	89.
17.6	54.0	5361.5	513.0	-14.3	-32.2	253.4	49.8	47.8	14.2	313.3	315.0	0.5	20.0	21.3	89.
17.9	55.0	5480.6	505.0	-15.0	-32.1	252.9	50.4	48.2	14.8	313.9	315.6	0.5	21.5	22.2	88.
18.3	56.0	5616.4	496.0	-15.8	-31.8	251.9	50.3	47.8	15.6	314.5	316.3	0.5	23.8	23.5	87.
18.7	57.0	5738.7	488.0	-17.2	-30.3	250.4	49.9	47.0	16.7	314.3	316.4	0.6	30.8	24.6	87.
19.1	58.0	5846.9	481.0	-18.1	-29.9	248.8	49.5	46.1	17.9	314.4	316.6	0.7	34.5	25.6	86.
19.5	59.0	5972.1	473.0	-18.4	-30.5	247.4	49.2	45.4	18.9	315.6	317.7	0.6	33.4	27.0	85.
19.9	60.0	6083.3	466.0	-19.1	-31.4	247.2	49.1	45.2	19.0	316.1	318.1	0.6	32.4	27.9	84.
20.3	61.0	6195.7	459.0	-19.9	-32.9	247.5	49.9	46.1	19.1	316.4	318.2	0.5	30.2	29.1	84.
20.7	62.0	6309.6	452.0	-20.6	-34.4	248.0	51.5	47.7	19.3	317.0	318.5	0.5	27.6	30.2	83.
21.1	63.0	6424.9	445.0	-21.8	-34.7	248.3	53.5	49.7	19.8	316.9	318.4	0.4	29.8	31.3	82.
21.5	64.0	6558.2	437.0	-22.7	-34.9	248.4	55.1	51.2	20.3	317.3	318.9	0.4	31.5	32.9	82.
21.9	65.0	6676.6	430.0	-23.4	-36.2	248.3	54.7	50.8	20.2	318.0	319.4	0.4	29.5	34.0	81.
22.4	66.0	6813.9	422.0	-23.8	-37.7	248.0	53.1	49.3	19.9	319.2	320.4	0.3	26.2	35.8	81.
22.9	67.0	6935.8	415.0	-25.1	-38.3	247.4	52.6*	48.6	20.2	319.0	320.2	0.3	27.8	37.0	80.
23.3	68.0	7041.5	409.0	-25.6	-39.6	246.4	52.8*	48.4	21.1	319.6	320.7	0.3	25.5	38.3	80.
23.7	69.0	7166.6	402.0	-26.1	-41.4	245.2	52.5*	47.6	22.0	320.5	321.4	0.2	22.1	39.7	79.
24.1	70.0	7293.4	395.0	-27.1	-42.3	243.9	52.1*	46.8	22.9	320.9	321.8	0.2	21.7	40.9	79.
24.7	71.0	7440.5	387.0	-28.4	-43.8	243.5	54.6*	48.8	24.4	321.1	321.8	0.2	20.8	42.5	78.
25.1	72.0	7552.3	381.0	-29.5	-44.2	243.6	57.3*	51.3	25.5	321.0	321.7	0.2	22.3	43.9	78.
25.7	73.0	7665.4	375.0	-30.3	-44.9	243.3	58.7*	52.5	26.4	321.4	322.1	0.2	22.3	46.1	77.
26.2	74.0	7799.2	368.0	-31.1	-45.9	243.0	59.0*	52.5	26.8	322.1	322.7	0.2	21.5	47.6	77.
26.6	75.0	7915.5	362.0	-32.3	-46.9	242.7	58.9*	52.3	27.0	322.0	322.6	0.1	21.5	48.9	76.
27.1	76.0	8033.1	356.0	-33.5	-47.9	242.0	56.2*	49.6	26.4	322.0	322.5	0.1	21.6	51.1	76.
27.7	77.0	8152.3	350.0	-34.3	-48.6	241.2	51.9*	45.5	25.0	322.5	322.9	0.1	21.6	52.6	75.
28.1	78.0	8272.9	344.0	-35.6	-49.5	241.6	51.8*	45.6	24.6	322.3	322.7	0.1	22.2	53.8	75.
28.5	79.0	8395.2	338.0	-36.4	-50.0	242.8	54.7*	48.6	25.0	322.8	323.2	0.1	22.6	55.1	75.
29.0	80.0	8519.1	332.0	-37.6	-51.2	243.3	58.8*	52.6	26.4	322.8	323.2	0.1	22.3	56.5	74.
29.5	81.0	8665.8	325.0	-38.7	-52.1	242.5	56.6*	50.2	26.1	323.3	323.7	0.1	22.3	58.8	74.
30.0	82.0	8793.4	319.0	-40.0	99.9	241.1	50.7*	44.3	24.5	323.3	999.9	99.9	999.9	60.4	74.
30.5	83.0	8922.8	313.0	-41.1	99.9	241.6	53.3*	46.9	25.3	323.5	999.9	99.9	999.9	61.2	73.
31.0	84.0	9032.0	308.0	-42.0	99.9	243.4	62.0*	55.4	27.8	323.7	999.9	99.9	999.9	62.7	73.
31.5	85.0	9164.8	302.0	-43.3	99.9	243.9	60.6*	54.4	26.7	323.8	999.9	99.9	999.9	65.9	73.
32.1	86.0	9299.5	296.0	-43.8	99.9	242.7	49.1*	43.6	22.5	323.5	999.9	99.9	999.9	67.0	72.
32.7	87.0	9436.1	290.0	-45.9	99.9	242.0	47.7*	42.1	22.4	323.8	999.9	99.9	999.9	68.6	72.
33.2	88.0	9551.6	285.0	-47.2	99.9	242.6	55.9*	49.6	25.7	323.5	999.9	99.9	999.9	69.8	72.
33.7	89.0	9668.4	280.0	-48.2	99.9	243.1	61.9*	55.2	28.0	323.7	999.9	99.9	999.9	71.9	72.
34.3	90.0	9810.9	274.0	-49.1	99.9	243.2	54.2*	48.4	24.4	324.5	999.9	99.9	999.9	74.5	71.
34.8	91.0	9907.3	270.0	-49.7	99.9	243.6	44.8*	40.2	19.9	325.0	999.9	99.9	999.9	75.7	71.
35.4	92.0	10054.1	264.0	-50.6	99.9	245.3	46.6*	42.4	19.5	325.8	999.9	99.9	999.9	76.8	71.
35.9	93.0	10178.4	259.0	-51.6	99.9	246.5	55.8*	51.2	22.3	326.0	999.9	99.9	999.9	78.5	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

7 FEBRUARY 1975  
1115 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.4	94.0	10304.6	254.0	-52.7	99.9	247.2	60.7*	55.9	23.5	326.3	999.9	99.9	999.9	80.4	71.
36.9	95.0	10407.0	250.0	-53.2	99.9	247.8	59.0*	54.6	22.3	327.1	999.9	99.9	999.9	82.3	71.
37.7	96.0	10563.1	244.0	-54.4	99.9	248.2	55.8*	51.8	20.7	327.5	999.9	99.9	999.9	84.9	71.
38.1	97.0	10695.5	239.0	-55.2	99.9	249.3	56.8*	52.8	21.0	328.2	999.9	99.9	999.9	86.0	71.
38.7	98.0	10830.1	234.0	-56.3	99.9	248.4	54.2*	50.4	19.9	328.5	999.9	99.9	999.9	88.5	71.
39.3	99.0	10967.2	229.0	-56.8	99.9	248.4	44.1*	41.0	16.2	329.8	999.9	99.9	999.9	90.3	71.
39.8	100.0	11078.5	225.0	-58.0	99.9	248.1	41.0*	38.0	15.3	329.7	999.9	99.9	999.9	91.3	71.
40.4	101.0	11248.5	219.0	-58.8	99.9	247.3	46.8*	43.2	18.1	330.9	999.9	99.9	999.9	92.5	71.
40.8	102.0	11364.1	215.0	-59.5	99.9	246.1	50.4*	46.1	20.5	331.6	999.9	99.9	999.9	94.2	71.
41.4	103.0	11512.1	210.0	-57.3	99.9	244.1	59.6*	53.6	26.1	337.3	999.9	99.9	999.9	95.9	71.
41.9	104.0	11634.5	206.0	-54.4	99.9	244.9	75.7*	68.6	32.1	343.7	999.9	99.9	999.9	96.8	70.
42.4	105.0	11760.7	202.0	-52.5	99.9	248.0	96.8*	89.8	36.2	348.6	999.9	99.9	999.9	101.2	70.
43.0	106.0	11890.0	198.0	-52.2	99.9	999.9	99.9	99.9	99.9	351.1	999.9	99.9	999.9	999.9	999.
43.6	107.0	12055.4	193.0	-52.4	99.9	999.9	99.9	99.9	99.9	353.4	999.9	99.9	999.9	999.9	999.
44.1	108.0	12190.8	189.0	-52.5	99.9	999.9	99.9	99.9	99.9	355.3	999.9	99.9	999.9	999.9	999.
44.8	109.0	12328.7	185.0	-53.6	99.9	999.9	99.9	99.9	99.9	355.7	999.9	99.9	999.9	999.9	999.
45.3	110.0	12468.9	181.0	-54.7	99.9	999.9	99.9	99.9	99.9	356.1	999.9	99.9	999.9	999.9	999.
46.1	111.0	12611.6	177.0	-55.7	99.9	999.9	99.9	99.9	99.9	356.9	999.9	99.9	999.9	999.9	999.
46.7	112.0	12756.9	173.0	-56.5	99.9	999.9	99.9	99.9	99.9	357.9	999.9	99.9	999.9	999.9	999.
47.3	113.0	12905.0	169.0	-57.6	99.9	999.9	99.9	99.9	99.9	358.4	999.9	99.9	999.9	999.9	999.
47.8	114.0	13055.8	165.0	-58.8	99.9	999.9	99.9	99.9	99.9	358.8	999.9	99.9	999.9	999.9	999.
48.4	115.0	13170.9	162.0	-59.2	99.9	999.9	99.9	99.9	99.9	360.2	999.9	99.9	999.9	999.9	999.
49.2	116.0	13367.2	157.0	-59.7	99.9	999.9	99.9	99.9	99.9	362.5	999.9	99.9	999.9	999.9	999.
49.7	117.0	13487.8	154.0	-59.7	99.9	999.9	99.9	99.9	99.9	364.5	999.9	99.9	999.9	999.9	999.
50.3	118.0	13652.3	150.0	-59.8	99.9	999.9	99.9	99.9	99.9	367.0	999.9	99.9	999.9	999.9	999.
50.9	119.0	13778.3	147.0	-60.5	99.9	999.9	99.9	99.9	99.9	367.9	999.9	99.9	999.9	999.9	999.
51.4	120.0	13950.4	143.0	-59.8	99.9	999.9	99.9	99.9	99.9	372.0	999.9	99.9	999.9	999.9	999.
51.9	121.0	14082.8	140.0	-60.0	99.9	999.9	99.9	99.9	99.9	374.0	999.9	99.9	999.9	999.9	999.
52.5	122.0	14217.7	137.0	-61.1	99.9	999.9	99.9	99.9	99.9	374.5	999.9	99.9	999.9	999.9	999.
53.0	123.0	14354.8	134.0	-62.3	99.9	999.9	99.9	99.9	99.9	374.6	999.9	99.9	999.9	999.9	999.
53.6	124.0	14541.7	130.0	-63.1	99.9	999.9	99.9	99.9	99.9	376.6	999.9	99.9	999.9	999.9	999.
54.2	125.0	14685.0	127.0	-64.2	99.9	999.9	99.9	99.9	99.9	377.1	999.9	99.9	999.9	999.9	999.
54.9	126.0	14880.8	123.0	-64.2	99.9	999.9	99.9	99.9	99.9	380.5	999.9	99.9	999.9	999.9	999.
55.6	127.0	15031.8	120.0	-64.8	99.9	999.9	99.9	99.9	99.9	382.2	999.9	99.9	999.9	999.9	999.
56.2	128.0	15134.2	118.0	-65.3	99.9	999.9	99.9	99.9	99.9	383.0	999.9	99.9	999.9	999.9	999.
56.8	129.0	15291.1	115.0	-65.1	99.9	999.9	99.9	99.9	99.9	386.1	999.9	99.9	999.9	999.9	999.
57.5	130.0	15452.1	112.0	-65.1	99.9	999.9	99.9	99.9	99.9	389.1	999.9	99.9	999.9	999.9	999.
58.3	131.0	15673.7	108.0	-65.1	99.9	999.9	99.9	99.9	99.9	393.1	999.9	99.9	999.9	999.9	999.
58.9	132.0	15845.5	105.0	-64.8	99.9	999.9	99.9	99.9	99.9	397.1	999.9	99.9	999.9	999.9	999.
59.7	133.0	15962.8	103.0	-65.1	99.9	999.9	99.9	99.9	99.9	398.5	999.9	99.9	999.9	999.9	999.
60.3	134.0	16142.7	100.0	-65.5	99.9	999.9	99.9	99.9	99.9	401.1	999.9	99.9	999.9	999.9	999.
61.0	135.0	16328.0	97.0	-65.5	99.9	999.9	99.9	99.9	99.9	404.6	999.9	99.9	999.9	999.9	999.
61.8	136.0	16518.8	94.0	-66.1	99.9	999.9	99.9	99.9	99.9	407.1	999.9	99.9	999.9	999.9	999.
62.7	137.0	16715.2	91.0	-66.7	99.9	999.9	99.9	99.9	99.9	409.7	999.9	99.9	999.9	999.9	999.
63.5	138.0	16917.8	88.0	-66.5	99.9	999.9	99.9	99.9	99.9	413.3	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
CHARLESTON, SC

7 FEBRUARY 1975  
1115 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.3	137.0	17127.3	85.0	-66.9	99.9	999.9	99.9	99.9	99.9	417.4	999.9	99.9	999.9	999.9	999.
65.1	140.0	17344.5	82.0	-66.7	99.9	999.9	99.9	99.9	99.9	422.1	999.9	99.9	999.9	999.9	999.
65.9	141.0	17570.2	79.0	-66.1	99.9	999.9	99.9	99.9	99.9	427.9	999.9	99.9	999.9	999.9	999.
66.8	142.0	17805.7	76.0	-64.8	99.9	999.9	99.9	99.9	99.9	435.5	999.9	99.9	999.9	999.9	999.
67.7	143.0	18051.9	73.0	-64.2	99.9	999.9	99.9	99.9	99.9	441.8	999.9	99.9	999.9	999.9	999.
68.6	144.0	18308.5	70.0	-64.6	99.9	999.9	99.9	99.9	99.9	446.3	999.9	99.9	999.9	999.9	999.
69.4	145.0	18575.9	67.0	-64.9	99.9	999.9	99.9	99.9	99.9	451.1	999.9	99.9	999.9	999.9	999.
70.5	146.0	18761.5	65.0	-63.2	99.9	999.9	99.9	99.9	99.9	458.7	999.9	99.9	999.9	999.9	999.
71.4	147.0	19051.0	62.0	-64.8	99.9	999.9	99.9	99.9	99.9	461.6	999.9	99.9	999.9	999.9	999.
72.5	148.0	19353.4	59.0	-65.1	99.9	999.9	99.9	99.9	99.9	467.3	999.9	99.9	999.9	999.9	999.
73.6	149.0	19564.4	57.0	-63.4	99.9	999.9	99.9	99.9	99.9	475.9	999.9	99.9	999.9	999.9	999.
74.6	150.0	19898.0	54.0	-61.6	99.9	999.9	99.9	99.9	99.9	487.5	999.9	99.9	999.9	999.9	999.
75.8	151.0	20252.9	51.0	-60.7	99.9	999.9	99.9	99.9	99.9	497.6	999.9	99.9	999.9	999.9	999.
77.2	152.0	20501.5	49.0	-61.4	99.9	999.9	99.9	99.9	99.9	501.6	999.9	99.9	999.9	999.9	999.
78.3	153.0	20892.4	46.0	-62.3	99.9	999.9	99.9	99.9	99.9	508.6	999.9	99.9	999.9	999.9	999.
79.6	154.0	21165.9	44.0	-64.0	99.9	999.9	99.9	99.9	99.9	511.0	999.9	99.9	999.9	999.9	999.
80.8	155.0	21597.7	41.0	-64.8	99.9	999.9	99.9	99.9	99.9	519.6	999.9	99.9	999.9	999.9	999.
82.1	156.0	21904.6	39.0	-62.5	99.9	999.9	99.9	99.9	99.9	532.7	999.9	99.9	999.9	999.9	999.
83.6	157.0	22399.4	36.0	-61.8	99.9	999.9	99.9	99.9	99.9	547.0	999.9	99.9	999.9	999.9	999.
84.9	158.0	22753.2	34.0	-61.8	99.9	999.9	99.9	99.9	99.9	556.0	999.9	99.9	999.9	999.9	999.
86.3	159.0	23326.6	31.0	-60.7	99.9	999.9	99.9	99.9	99.9	573.7	999.9	99.9	999.9	999.9	999.
88.0	160.0	23742.4	29.0	-59.8	99.9	999.9	99.9	99.9	99.9	587.2	999.9	99.9	999.9	999.9	999.
89.8	161.0	24423.0	26.0	-60.9	99.9	999.9	99.9	99.9	99.9	602.8	999.9	99.9	999.9	999.9	999.
91.4	162.0	25188.1	23.0	-59.3	99.9	999.9	99.9	99.9	99.9	629.0	999.9	99.9	999.9	999.9	999.
93.4	163.0	25761.9	21.0	-56.3	99.9	999.9	99.9	99.9	99.9	654.6	999.9	99.9	999.9	999.9	999.
95.7	164.0	26738.7	18.0	-57.3	99.9	999.9	99.9	99.9	99.9	681.0	999.9	99.9	999.9	999.9	999.
98.0	165.0	27482.5	16.0	-57.8	99.9	999.9	99.9	99.9	99.9	702.7	999.9	99.9	999.9	999.9	999.
101.0	166.0	28804.1	13.0	-53.9	99.9	999.9	99.9	99.9	99.9	759.1	999.9	99.9	999.9	999.9	999.



STATION NO. 211  
TAMPA, FLA

5 FEBRUARY 1975  
2330 GMT

142 55. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	8.0	1017.2	19.2	18.0	280.0	3.1	3.1	-0.5	292.7	325.9	12.9	93.0	0.0	0.
0.2	5.0	60.8	1011.0	19.1	18.1	85.4	2.8	-2.7	-0.2	293.1	326.8	13.1	93.8	0.4	105.
0.6	6.0	189.5	996.0	18.5	16.4	81.2	1.7	-1.7	-0.3	293.6	324.3	11.9	87.4	0.4	106.
1.0	7.0	284.9	985.0	17.6	14.4	280.6	2.4	2.4	-0.4	293.5	320.9	10.5	81.1	0.3	111.
1.3	8.0	381.0	974.0	16.8	13.6	270.5	5.4	5.4	-0.0	293.5	320.0	10.1	81.3	0.4	106.
1.6	9.0	478.1	963.0	16.6	14.2	266.1	7.7	7.6	0.5	294.3	322.3	10.7	85.9	0.6	102.
2.0	10.0	576.1	952.0	16.2	13.7	258.1	8.4	8.3	1.7	294.8	322.3	10.5	85.3	0.7	97.
2.5	11.0	693.4	939.0	16.2	13.7	252.5	11.5	11.0	3.5	296.0	323.9	10.6	85.1	1.0	91.
2.8	12.0	793.8	928.0	15.6	12.8	249.5	13.3	12.5	4.7	296.3	323.0	10.1	83.6	1.2	87.
3.2	13.0	895.1	917.0	14.8	12.1	244.8	14.7	13.3	6.3	296.5	322.3	9.7	83.9	1.6	83.
3.4	14.0	997.3	906.0	14.2	11.8	241.7	14.9	13.1	7.1	296.9	322.6	9.7	85.7	1.7	81.
3.9	15.0	1091.2	896.0	13.4	10.9	238.1	14.4	12.2	7.6	296.9	321.4	9.2	84.6	2.2	76.
4.3	16.0	1214.4	883.0	13.0	10.3	238.3	14.2	12.1	7.5	297.7	321.8	9.0	83.8	2.5	74.
4.8	17.0	1320.0	872.0	12.6	10.1	235.8	13.6	11.2	7.6	298.4	322.4	9.0	84.5	2.9	72.
5.1	18.0	1417.0	862.0	12.2	9.2	233.0	13.3	10.6	8.0	298.9	322.0	8.5	81.8	3.1	70.
5.7	19.0	1524.7	851.0	11.5	8.7	230.6	14.0	10.8	8.9	299.2	321.8	8.4	83.2	3.6	68.
5.9	20.0	1623.7	841.0	10.9	8.4	230.5	14.0	10.8	8.9	299.6	322.1	8.3	84.6	3.8	67.
6.5	21.0	1753.8	828.0	10.4	8.2	227.9	12.0	8.9	8.0	300.3	322.9	8.3	86.5	4.2	65.
6.9	22.0	1844.8	819.0	9.2	7.0	228.9	12.3	9.3	8.1	300.0	321.0	7.7	85.8	4.5	64.
7.3	23.0	1957.0	808.0	8.5	6.3	230.2	12.2	9.3	7.8	300.3	320.7	7.4	85.7	4.8	63.
7.7	24.0	2060.2	798.0	8.0	6.2	232.1	12.0	9.4	7.4	300.8	321.4	7.5	88.6	5.1	62.
8.1	25.0	2164.3	788.0	7.3	5.6	234.5	12.0	9.7	6.9	301.1	321.2	7.3	89.3	5.3	62.
8.7	26.0	2290.7	776.0	6.4	4.8	237.7	12.1	10.2	6.5	301.5	320.8	7.0	89.9	5.8	62.
9.0	27.0	2397.2	766.0	5.7	4.2	239.8	12.1	10.4	6.3	301.8	320.5	6.8	89.9	6.0	61.
9.5	28.0	2504.9	756.0	5.3	3.8	240.0	12.3	10.6	6.1	302.5	321.2	6.7	90.1	6.3	61.
9.9	29.0	2602.8	747.0	4.3	2.8	241.1	12.7	11.1	6.1	302.4	320.0	6.3	90.2	6.6	61.
10.2	30.0	2712.6	737.0	3.6	2.2	242.0	13.0	11.5	6.1	302.8	319.9	6.1	90.2	6.9	61.
10.6	31.0	2823.7	727.0	3.1	1.7	243.1	13.3	11.9	6.0	303.4	320.2	6.0	90.2	7.2	61.
11.0	32.0	2924.7	718.0	2.3	0.8	243.9	13.3	12.0	5.9	303.5	319.6	5.7	90.2	7.5	61.
11.3	33.0	3026.7	709.0	1.9	0.5	243.5	13.2	11.8	5.9	304.3	320.2	5.6	90.2	7.8	62.
11.7	34.0	3141.3	699.0	0.8	-0.6	242.1	13.1	11.6	6.1	304.2	319.1	5.2	90.2	8.1	62.
12.1	35.0	3245.5	690.0	0.3	-1.1	239.9	13.0	11.3	6.5	304.7	319.3	5.1	90.1	8.4	62.
12.7	36.0	3374.7	679.0	0.3	-1.1	237.7	12.9	10.9	6.9	306.1	321.1	5.2	90.1	8.9	61.
13.1	37.0	3493.8	669.0	0.2	-1.3	237.8	12.8	10.8	6.8	307.3	322.3	5.2	90.0	9.2	61.
13.7	38.0	3590.4	661.0	-0.3	-1.8	238.7	12.7	10.9	6.6	307.8	322.5	5.1	90.0	9.6	61.
14.1	39.0	3712.4	651.0	-1.0	-2.4	238.9	13.0	11.1	6.7	308.4	322.7	4.9	90.1	9.9	61.
14.7	40.0	3811.2	643.0	-1.6	-3.1	238.6	13.8	11.8	7.2	308.7	322.6	4.8	89.8	10.4	61.
15.2	41.0	3948.7	632.0	-2.1	-3.6	238.6	14.3	12.2	7.5	309.7	323.3	4.7	89.4	10.8	61.
15.7	42.0	4062.8	623.0	-2.7	-4.3	239.0	14.4	12.3	7.4	310.2	323.4	4.5	89.0	11.3	61.
16.2	43.0	4178.3	614.0	-3.0	-4.6	239.6	14.1	12.2	7.1	311.1	324.3	4.5	89.0	11.7	61.
16.7	44.0	4282.3	606.0	-3.3	-4.9	240.0	13.8	12.0	6.9	311.9	324.9	4.4	88.7	12.1	61.
17.2	45.0	4400.7	597.0	-4.1	-5.7	240.3	13.9	12.1	6.9	312.3	324.8	4.2	88.5	12.5	61.
17.7	46.0	4507.2	589.0	-4.4	-6.0	241.3	14.5	12.7	6.9	313.2	325.6	4.1	88.3	12.9	61.
18.1	47.0	4628.6	580.0	-5.0	-6.6	242.8	15.4	13.7	7.1	313.8	325.9	4.0	88.2	13.3	61.
18.7	48.0	4724.0	573.0	-5.8	-7.4	245.1	17.7	16.0	7.4	314.0	325.5	3.8	88.0	13.8	61.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

5 FEBRUARY 1975  
2330 GMT

142 55. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.1	49.0	4862.2	563.0	-5.9	-7.6	246.4	18.9	17.3	7.6	315.4	327.0	3.8	87.8	14.3	61.
19.5	50.0	4974.3	555.0	-6.7	-8.4	247.8	19.5	18.0	7.3	315.8	326.9	3.7	87.4	14.8	61.
20.1	51.0	5116.3	545.0	-7.4	-9.2	250.6	19.3	18.2	6.4	316.5	327.3	3.5	87.1	15.5	61.
20.6	52.0	5231.5	537.0	-8.3	-10.1	252.8	19.3	18.4	5.7	316.8	327.0	3.3	86.9	16.0	62.
21.0	53.0	5348.0	529.0	-8.9	-10.7	254.3	19.3	18.6	5.2	317.4	327.3	3.2	86.7	16.5	62.
21.5	54.0	5466.0	521.0	-9.6	-11.4	255.7	19.5	18.9	4.8	317.9	327.4	3.1	86.4	17.1	63.
21.9	55.0	5570.5	514.0	-10.3	-12.2	255.9	20.1	19.5	4.9	318.3	327.3	2.9	86.0	17.5	63.
22.5	56.0	5721.7	504.0	-11.5	-13.4	255.4	20.8	20.1	5.3	318.6	327.1	2.7	85.6	18.2	64.
22.9	57.0	5844.4	496.0	-12.0	-14.0	254.2	20.2	19.4	5.5	319.4	327.6	2.6	85.3	18.8	64.
23.4	58.0	5968.7	488.0	-13.2	-15.2	252.2	19.3	18.3	5.9	319.5	327.1	2.4	84.7	19.3	64.
23.9	59.0	6078.7	481.0	-13.7	-15.7	249.9	19.3	18.1	6.6	320.1	327.5	2.3	84.7	19.9	64.
24.3	60.0	6206.1	473.0	-14.6	-16.6	247.8	20.0	18.5	7.6	320.6	327.6	2.2	84.2	20.3	64.
24.8	61.0	6319.0	466.0	-15.5	-17.6	244.9	21.0	19.0	8.9	320.7	327.3	2.1	83.9	21.0	65.
25.3	62.0	6449.7	458.0	-16.1	-18.4	242.2	22.0	19.5	10.3	321.6	327.9	2.0	82.5	21.6	65.
25.8	63.0	6565.5	451.0	-17.2	-19.6	240.9	23.1	20.1	11.2	321.6	327.4	1.8	81.2	22.3	64.
26.3	64.0	6682.7	444.0	-18.3	-20.7	240.9	24.3	21.2	11.8	321.6	327.0	1.6	80.8	23.0	64.
26.8	65.0	6801.3	437.0	-18.8	-21.3	241.6	25.5	22.4	12.1	322.4	327.6	1.6	80.5	23.7	64.
27.3	66.0	6956.1	428.0	-20.0	-22.5	242.7	26.1	23.2	12.0	322.8	327.6	1.5	80.2	24.5	64.
27.8	67.0	7078.3	421.0	-21.0	-23.5	244.2	25.9	23.3	11.3	323.1	327.6	1.4	79.9	25.3	64.
28.2	68.0	7202.1	414.0	-21.6	-24.2	245.8	25.6	23.4	10.5	323.8	328.1	1.3	79.6	25.9	64.
28.8	69.0	7327.5	407.0	-22.6	-25.1	247.9	25.9	24.0	9.8	324.1	328.2	1.2	79.4	26.8	64.
29.2	70.0	7454.7	400.0	-23.5	-26.4	248.8	26.4	24.6	9.5	324.5	328.2	1.1	77.0	27.5	64.
29.7	71.0	7602.1	392.0	-25.0	-28.1	249.6	26.2	24.6	9.1	324.5	327.7	1.0	74.9	28.3	64.
30.1	72.0	7733.0	385.0	-25.6	-28.9	250.0	25.4	23.9	8.7	325.3	328.4	0.9	73.6	28.9	65.
30.6	73.0	7846.7	379.0	-26.8	-30.3	250.2	24.7	23.2	8.4	325.2	327.9	0.8	72.1	29.6	65.
31.1	74.0	7981.0	372.0	-27.9	-31.4	249.6	25.2	23.6	8.8	325.5	328.0	0.7	71.3	30.3	65.
31.6	75.0	8097.6	366.0	-29.0	-32.9	248.7	26.0	24.2	9.4	325.4	327.7	0.6	68.7	31.1	65.
32.1	76.0	8235.4	359.0	-30.0	-34.2	247.9	26.3	24.3	9.9	326.0	328.0	0.6	66.3	31.9	65.
32.6	77.0	8355.2	353.0	-31.1	-35.4	247.4	26.2	24.2	10.1	325.9	327.8	0.5	65.6	32.7	65.
33.0	78.0	8497.1	346.0	-31.7	-36.0	247.2	26.2	24.1	10.1	327.1	328.9	0.5	65.4	33.4	65.
33.5	79.0	8599.8	341.0	-33.1	-37.5	246.9	26.5	24.4	10.4	326.5	328.0	0.4	64.6	34.0	65.
33.9	80.0	8745.3	334.0	-34.3	-38.8	246.4	27.0	24.8	10.8	326.8	328.2	0.4	63.6	34.8	65.
34.5	81.0	8893.2	327.0	-35.2	-39.8	246.0	28.5	26.0	11.6	327.5	328.8	0.4	62.6	35.7	65.
34.9	82.0	9022.0	321.0	-36.3	-41.3	246.2	30.2	27.7	12.2	327.7	328.9	0.3	59.4	36.4	65.
35.4	83.0	9152.7	315.0	-37.0	-42.4	246.7	32.0	29.4	12.6	328.6	329.6	0.3	56.8	37.4	65.
35.8	84.0	9285.4	309.0	-38.3	-43.8	247.0	32.0	29.5	12.5	328.5	329.4	0.2	55.8	38.2	65.
36.2	85.0	9419.9	303.0	-39.5	-45.3	246.8	30.9	28.4	12.2	328.6	329.4	0.2	53.7	39.0	65.
36.8	86.0	9556.4	297.0	-41.0	99.9	245.0	28.7	26.0	12.1	328.5	999.9	99.9	999.9	40.0	65.
37.2	87.0	9694.8	291.0	-42.1	99.9	243.4	28.1	25.1	12.6	328.9	999.9	99.9	999.9	40.7	65.
37.7	88.0	9835.6	285.0	-42.8	99.9	242.1	28.7	25.4	13.5	329.8	999.9	99.9	999.9	41.5	65.
38.1	89.0	9954.7	280.0	-44.1	99.9	242.0	30.0	26.5	14.1	329.7	999.9	99.9	999.9	42.2	65.
38.5	90.0	10099.6	274.0	-45.5	99.9	242.5	31.4	27.9	14.5	329.7	999.9	99.9	999.9	43.0	65.
39.0	91.0	10222.0	269.0	-46.8	99.9	242.9	33.2	29.5	15.1	329.6	999.9	99.9	999.9	43.9	65.
39.5	92.0	10346.1	264.0	-48.1	99.9	243.3	34.1	30.5	15.3	329.4	999.9	99.9	999.9	44.9	65.
40.0	93.0	10497.5	258.0	-48.5	99.9	243.8	33.3	29.9	14.7	331.0	999.9	99.9	999.9	46.1	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

5 FEBRUARY 1975  
2330 GMT

142 55. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
40.6	94.0	10625.9	253.0	-49.7	99.9	244.0	32.8	29.5	14.4	331.1	999.9	99.9	999.9	47.1	65.
41.0	95.0	10730.1	249.0	-50.4	99.9	243.6	34.3	30.7	15.2	331.5	999.9	99.9	999.9	47.8	65.
41.8	96.0	10915.3	242.0	-52.3	99.9	242.4	42.0	37.2	19.5	331.4	999.9	99.9	999.9	49.6	65.
42.3	97.0	11050.1	237.0	-53.2	99.9	241.9	44.8	39.5	21.1	332.0	999.9	99.9	999.9	51.0	65.
43.1	98.0	11187.0	232.0	-54.6	99.9	241.7	40.6	35.7	19.3	331.9	999.9	99.9	999.9	53.4	65.
43.8	99.0	11326.1	227.0	-55.9	99.9	241.9	37.7	33.2	17.7	332.0	999.9	99.9	999.9	54.7	65.
44.3	100.0	11467.6	222.0	-56.6	99.9	241.8	38.5	33.9	18.2	333.1	999.9	99.9	999.9	55.9	65.
45.1	101.0	11611.7	217.0	-57.7	99.9	240.4	38.8	33.7	19.2	333.5	999.9	99.9	999.9	57.8	64.
45.7	102.0	11758.4	212.0	-59.1	99.9	238.6	37.9	32.4	19.8	333.6	999.9	99.9	999.9	59.2	64.
46.2	103.0	11907.9	207.0	-59.3	99.9	237.3	38.1	32.1	20.6	335.6	999.9	99.9	999.9	60.3	64.
47.0	104.0	12030.3	203.0	-58.9	99.9	237.2	44.4	37.4	24.0	338.0	999.9	99.9	999.9	61.9	64.
47.8	105.0	12186.8	198.0	-58.8	99.9	240.0	51.3*	44.4	25.7	340.7	999.9	99.9	999.9	64.6	64.
48.4	106.0	12315.4	194.0	-57.4	99.9	242.5	50.8*	45.1	23.4	344.9	999.9	99.9	999.9	66.4	64.
49.2	107.0	12447.9	190.0	-54.6	99.9	245.2	52.1*	47.3	21.8	351.4	999.9	99.9	999.9	68.8	64.
49.9	108.0	12618.9	185.0	-54.0	99.9	246.8	54.9*	50.4	21.6	355.1	999.9	99.9	999.9	71.1	64.
50.5	109.0	12759.4	181.0	-53.4	99.9	248.1	52.2*	48.4	19.4	358.4	999.9	99.9	999.9	73.1	64.
51.2	110.0	12903.0	177.0	-54.1	99.9	250.0	41.4*	38.9	14.2	359.4	999.9	99.9	999.9	75.2	64.
52.1	111.0	13086.6	172.0	-54.8	99.9	251.7	33.5*	31.8	10.5	361.3	999.9	99.9	999.9	76.9	64.
52.9	112.0	13236.7	168.0	-55.9	99.9	249.2	40.3*	37.6	14.3	361.8	999.9	99.9	999.9	78.4	64.
53.6	113.0	13389.7	164.0	-56.9	99.9	245.3	57.4*	52.2	24.0	362.7	999.9	99.9	999.9	80.4	64.
54.3	114.0	13545.5	160.0	-58.4	99.9	242.6	74.1*	65.7	34.1	362.7	999.9	99.9	999.9	83.3	64.
55.1	115.0	13704.3	156.0	-59.6	99.9	241.2	62.6*	54.9	30.2	363.3	999.9	99.9	999.9	87.5	64.
55.9	116.0	13907.3	151.0	-61.2	99.9	239.9	35.6*	30.8	17.8	364.0	999.9	99.9	999.9	89.5	64.
56.6	117.0	14031.5	148.0	-62.7	99.9	239.2	22.5*	19.4	11.5	363.5	999.9	99.9	999.9	90.5	64.
57.2	118.0	14200.4	144.0	-62.7	99.9	241.7	17.6*	15.5	8.3	366.4	999.9	99.9	999.9	91.2	64.
57.9	119.0	14373.9	140.0	-63.0	99.9	246.3	23.3*	21.3	9.4	368.7	999.9	99.9	999.9	91.6	64.
58.6	120.0	14507.1	137.0	-63.4	99.9	245.5	39.6*	36.1	16.4	370.3	999.9	99.9	999.9	93.0	64.
59.2	121.0	14688.4	133.0	-65.1	99.9	243.8	47.2*	42.4	20.8	370.4	999.9	99.9	999.9	94.8	64.
60.0	122.0	14826.9	130.0	-66.7	99.9	244.3	38.8*	35.0	16.8	370.0	999.9	99.9	999.9	97.4	64.
60.9	123.0	15015.4	126.0	-67.8	99.9	246.1	32.1*	29.3	13.0	371.4	999.9	99.9	999.9	98.6	64.
61.6	124.0	15160.5	123.0	-67.4	99.9	241.0	31.9*	27.9	15.4	374.8	999.9	99.9	999.9	100.2	64.
62.1	125.0	15309.4	120.0	-67.4	99.9	233.2	25.8*	20.7	15.5	377.4	999.9	99.9	999.9	101.4	64.
62.9	126.0	15512.0	116.0	-70.8	99.9	225.5	26.1*	18.6	18.3	374.7	999.9	99.9	999.9	101.8	64.
63.7	127.0	15667.0	113.0	-71.7	99.9	233.4	40.5*	32.5	24.1	375.8	999.9	99.9	999.9	103.5	64.
64.4	128.0	15879.3	109.0	-72.4	99.9	236.0	42.0*	34.8	23.5	378.4	999.9	99.9	999.9	105.6	64.
65.2	129.0	16043.8	106.0	-71.5	99.9	229.8	31.5*	24.0	20.3	383.2	999.9	99.9	999.9	107.4	63.
66.0	130.0	16213.0	103.0	-72.4	99.9	219.0	26.3*	16.6	20.4	384.6	999.9	99.9	999.9	108.4	63.
67.0	131.0	16445.5	99.0	-73.1	99.9	218.9	27.1*	17.0	21.1	387.6	999.9	99.9	999.9	109.9	63.
67.8	132.0	16626.0	96.0	-72.6	99.9	227.9	35.0*	25.9	23.5	391.9	999.9	99.9	999.9	111.1	63.
68.5	133.0	16812.4	93.0	-72.6	99.9	233.1	48.3*	38.6	29.0	395.5	999.9	99.9	999.9	112.8	62.
69.3	134.0	17005.7	90.0	-71.2	99.9	233.9	56.9*	46.0	33.6	402.0	999.9	99.9	999.9	115.5	62.
70.2	135.0	17205.4	87.0	-72.9	99.9	234.0	39.9*	32.3	23.4	402.7	999.9	99.9	999.9	118.7	62.
71.2	136.0	17411.6	84.0	-72.2	99.9	239.0	21.8*	18.7	11.2	408.2	999.9	99.9	999.9	120.0	62.
72.2	137.0	17625.1	81.0	-73.4	99.9	250.4	14.6*	13.8	4.9	410.0	999.9	99.9	999.9	121.2	62.
73.2	138.0	17919.8	77.0	-75.6	99.9	251.4	17.3*	16.4	5.5	411.3	999.9	99.9	999.9	121.8	62.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

5 FEBRUARY 1975  
2330 GMT

142 55. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
74.2	139.0	18148.4	74.0	-78.0	99.9	235.5	10.8*	6.9	6.1	410.9	999.9	99.9	999.9	123.1	62.
75.3	140.0	18385.9	71.0	-76.4	99.9	213.1	13.4*	7.3	11.2	419.3	999.9	99.9	999.9	123.4	62.
76.6	141.0	18635.5	68.0	-75.1	99.9	215.2	19.0*	11.0	15.6	427.3	999.9	99.9	999.9	124.2	62.
77.8	142.0	18909.0	64.0	-73.1	99.9	238.3	27.7*	23.6	14.5	439.1	999.9	99.9	999.9	126.9	61.
79.1	143.0	19270.1	61.0	-73.4	99.9	325.9	5.4*	3.0	-4.5	444.6	999.9	99.9	999.9	127.4	62.
80.6	144.0	19566.0	58.0	-72.4	99.9	999.9	99.9	99.9	99.9	453.2	999.9	99.9	999.9	999.9	999.
82.2	145.0	19880.6	55.0	-69.5	99.9	999.9	99.9	99.9	99.9	466.0	999.9	99.9	999.9	999.9	999.

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
532 GMT

152 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	8.0	1015.0	19.9	18.0	230.0	3.6	2.8	2.3	293.5	327.0	13.0	89.0	0.0	0.
0.1	5.0	42.1	1011.0	19.7	17.5	219.8	12.8	8.2	9.8	293.6	326.2	12.6	87.4	0.2	42.
0.6	6.0	171.2	996.0	19.0	16.9	220.4	12.9	8.4	9.8	294.2	326.0	12.3	87.3	0.3	42.
0.9	7.0	266.8	985.0	18.4	16.8	222.4	13.2	8.9	9.8	294.5	326.6	12.4	90.5	0.5	41.
1.2	8.0	372.2	973.0	18.2	15.0	999.9	99.9	99.9	99.9	295.1	324.3	11.1	81.7	999.9	999.
1.7	9.0	470.0	962.0	19.3	12.2	999.9	99.9	99.9	99.9	296.9	321.9	9.4	63.8	999.9	999.
2.0	10.0	569.0	951.0	18.8	11.1	999.9	99.9	99.9	99.9	297.4	320.9	8.8	60.6	999.9	999.
2.5	11.0	696.4	937.0	18.4	10.3	999.9	99.9	99.9	99.9	298.2	320.9	8.4	59.1	999.9	999.
2.8	12.0	797.6	926.0	17.6	10.0	999.9	99.9	99.9	99.9	298.3	320.9	8.4	61.2	999.9	999.
3.2	13.0	899.7	915.0	16.7	10.1	225.3	11.0	7.8	7.8	298.5	321.5	8.5	64.8	2.3	42.
3.6	14.0	1002.8	904.0	15.9	9.6	229.1	10.7	8.1	7.0	298.7	321.2	8.4	66.1	2.6	42.
3.9	15.0	1106.8	893.0	15.1	7.8	231.6	10.0	7.9	6.2	298.7	319.0	7.5	61.5	2.8	43.
4.4	16.0	1240.8	879.0	15.1	7.4	236.1	8.6	7.1	4.8	300.1	320.3	7.4	60.1	3.0	44.
4.8	17.0	1347.5	868.0	14.5	6.8	246.2	8.0	7.3	3.2	300.5	320.1	7.2	59.6	3.2	45.
5.1	18.0	1455.3	857.0	14.1	5.8	254.0	8.0	7.7	2.2	301.1	319.9	6.8	57.3	3.4	46.
5.6	19.0	1554.4	847.0	13.3	5.0	260.4	8.2	8.1	1.4	301.3	319.2	6.5	57.0	3.6	48.
5.9	20.0	1664.3	836.0	12.6	4.8	262.3	8.1	8.0	1.1	301.6	319.5	6.5	58.9	3.7	49.
6.2	21.0	1785.8	824.0	12.4	5.5	266.6	8.0	8.0	0.5	302.7	321.8	6.9	62.7	3.8	50.
6.7	22.0	1898.4	813.0	11.2	4.5	999.9	99.9	99.9	99.9	302.6	320.7	6.5	63.0	999.9	999.
7.0	23.0	2012.1	802.0	10.1	4.1	999.9	99.9	99.9	99.9	302.6	320.5	6.4	66.2	999.9	999.
7.5	24.0	2116.4	792.0	9.2	3.2	999.9	99.9	99.9	99.9	302.6	319.7	6.1	66.2	999.9	999.
7.8	25.0	2221.8	782.0	8.6	2.1	999.9	99.9	99.9	99.9	303.1	319.1	5.7	63.5	999.9	999.
8.2	26.0	2360.4	769.0	7.7	0.8	999.9	99.9	99.9	99.9	303.5	318.5	5.3	61.5	999.9	999.
8.7	27.0	2468.3	759.0	7.0	-0.1	277.3	10.0	10.0	-1.3	303.8	318.1	5.0	60.5	4.8	62.
9.0	28.0	2566.3	750.0	6.0	-0.8	274.7	10.9	10.9	-0.9	303.7	317.4	4.8	61.6	5.0	63.
9.3	29.0	2687.3	739.0	5.3	-0.5	274.2	11.1	11.1	-0.8	304.2	318.5	5.0	66.2	5.1	64.
9.8	30.0	2798.5	729.0	4.3	-0.8	275.7	11.2	11.1	-1.1	304.3	318.5	5.0	69.7	5.4	66.
10.1	31.0	2911.0	719.0	3.6	-0.5	999.9	99.9	99.9	99.9	304.8	319.4	5.1	74.4	999.9	999.
10.6	32.0	3013.2	710.0	2.7	-0.2	999.9	99.9	99.9	99.9	305.0	320.2	5.3	81.2	999.9	999.
11.0	33.0	3116.5	701.0	2.1	-0.5	999.9	99.9	99.9	99.9	305.3	320.4	5.3	83.2	999.9	999.
11.3	34.0	3232.7	691.0	1.9	-1.4	999.9	99.9	99.9	99.9	306.4	320.8	5.0	78.7	999.9	999.
11.8	35.0	3350.3	681.0	1.1	-3.1	999.9	99.9	99.9	99.9	306.7	319.7	4.5	73.8	999.9	999.
12.2	36.0	3493.3	669.0	0.4	-4.1	267.0	13.5	13.4	0.7	307.5	319.8	4.2	71.4	7.0	72.
12.6	37.0	3601.9	660.0	-0.4	-5.6	264.2	12.4	12.4	1.3	307.7	318.9	3.8	67.5	7.3	73.
13.0	38.0	3711.8	651.0	-0.4	-13.5	258.8	11.2	11.0	2.2	308.7	315.0	2.1	36.3	7.5	73.
13.3	39.0	3823.0	642.0	-1.2	-14.9	257.0	10.7	10.5	2.4	309.0	314.7	1.9	34.2	7.7	73.
13.8	40.0	3948.0	632.0	-2.3	-11.1	257.1	10.4	10.2	2.3	309.2	317.0	2.6	50.5	8.0	73.
14.2	41.0	4087.2	621.0	-3.5	-11.0	260.6	10.8	10.7	1.8	309.3	317.4	2.7	56.0	8.3	73.
14.6	42.0	4202.7	612.0	-3.5	-11.0	265.2	11.8	11.8	1.0	310.6	318.8	2.7	56.2	8.5	73.
15.0	43.0	4319.8	603.0	-4.3	-9.0	268.8	13.5	13.5	0.3	311.1	320.8	3.2	69.5	8.8	74.
15.3	44.0	4438.2	594.0	-5.2	-10.0	269.3	15.0	15.0	0.2	311.4	320.5	3.0	68.8	9.1	74.
15.7	45.0	4558.1	585.0	-5.8	-13.1	268.7	16.9	16.9	0.4	311.9	319.3	2.4	56.2	9.4	75.
16.1	46.0	4679.7	576.0	-5.9	-15.8	267.0	18.6	18.6	1.0	313.1	319.1	1.9	45.4	9.8	76.
16.4	47.0	4775.3	569.0	-6.8	-15.1	265.3	19.7	19.6	1.6	313.1	319.6	2.1	51.6	10.2	76.
16.9	48.0	4899.7	560.0	-7.3	-15.6	263.1	20.9	20.8	2.5	314.0	320.4	2.0	51.2	10.8	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
532 GMT

152 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.2	49.0	5025.8	551.0	-8.2	-25.1	262.2	21.6	21.4	2.9	314.3	317.2	0.9	24.0	11.2	76.
17.6	50.0	5139.2	543.0	-8.8	-29.7	261.1	22.4	22.1	3.4	314.9	316.9	0.6	16.4	11.7	77.
18.1	51.0	5282.9	533.0	-9.9	-35.3	259.8	23.4	23.0	4.2	315.1	316.3	0.4	10.4	12.4	77.
18.5	52.0	5414.0	524.0	-10.8	-25.5	258.8	24.1	23.6	4.7	315.7	318.7	0.9	28.4	13.0	77.
18.9	53.0	5517.2	517.0	-11.9	-23.8	257.9	24.7	24.1	5.2	315.6	319.1	1.1	36.3	13.5	77.
19.2	54.0	5636.3	509.0	-13.5	-22.1	257.1	24.8	24.2	5.6	315.1	319.2	1.3	48.0	14.0	77.
19.7	55.0	5771.9	500.0	-14.2	-18.5	254.9	24.5	23.6	6.4	315.9	321.6	1.8	69.6	14.8	77.
20.1	56.0	5925.3	490.0	-14.3	-15.0	252.6	23.7	22.6	7.1	317.7	325.3	2.4	94.6	15.4	77.
20.6	57.0	6050.1	482.0	-15.1	-16.2	250.1	22.9	21.6	7.8	318.1	325.2	2.2	92.0	16.1	77.
21.0	58.0	6160.6	475.0	-16.1	-17.0	249.0	23.0	21.4	8.2	318.2	325.0	2.1	93.2	16.5	76.
21.3	59.0	6272.2	468.0	-17.2	-18.8	248.7	23.2	21.6	8.4	318.2	324.1	1.9	87.7	17.0	76.
21.8	60.0	6401.4	460.0	-18.2	-20.0	248.2	23.2	21.6	8.6	318.6	324.0	1.7	85.4	17.7	76.
22.1	61.0	6549.0	451.0	-18.6	-20.6	247.7	23.3	21.6	8.9	319.8	325.1	1.6	83.9	18.1	76.
22.6	62.0	6648.8	445.0	-19.5	-21.8	245.9	24.0	21.9	9.8	319.9	324.7	1.5	82.0	18.7	76.
23.0	63.0	6783.5	437.0	-20.1	-22.2	244.0	24.9	22.4	10.9	320.8	325.6	1.5	82.8	19.3	75.
23.3	64.0	6920.4	429.0	-21.0	-23.2	242.2	25.3	22.4	11.8	321.3	325.8	1.4	82.4	19.9	75.
23.9	65.0	7041.7	422.0	-21.9	-24.4	238.7	25.5	21.8	13.3	321.6	325.7	1.2	80.1	20.7	74.
24.2	66.0	7200.2	413.0	-22.9	-25.5	237.2	25.5	21.4	13.8	322.4	326.2	1.2	78.9	21.1	74.
24.8	67.0	7325.3	406.0	-23.9	-26.7	234.9	25.1	20.6	14.4	322.6	326.1	1.1	77.6	22.0	73.
25.2	68.0	7452.1	399.0	-25.0	-28.0	233.8	25.0	20.1	14.8	322.8	326.0	0.9	75.5	22.6	73.
25.6	69.0	7580.6	392.0	-25.8	-29.2	232.9	25.2	20.1	15.2	323.4	326.3	0.9	72.8	23.2	72.
26.0	70.0	7710.9	385.0	-27.0	-30.4	232.5	25.9	20.6	15.8	323.5	326.2	0.8	72.7	23.7	72.
26.5	71.0	7881.2	376.0	-28.0	-31.4	233.5	28.2	22.7	16.8	324.3	326.8	0.7	72.5	24.5	71.
26.9	72.0	7996.5	370.0	-29.2	-32.5	233.7	28.1	22.7	16.7	324.2	326.5	0.7	72.9	25.1	71.
27.2	73.0	8132.7	363.0	-30.4	-33.6	999.9	99.9	99.9	99.9	324.4	326.5	0.6	73.0	999.9	999.
27.8	74.0	8270.9	356.0	-31.6	-34.7	999.9	99.9	99.9	99.9	324.6	326.5	0.6	73.7	999.9	999.
28.1	75.0	8390.9	350.0	-32.8	-35.5	999.9	99.9	99.9	99.9	324.6	326.4	0.5	76.2	999.9	999.
28.5	76.0	8512.5	344.0	-33.4	-35.7	999.9	99.9	99.9	99.9	325.3	327.1	0.5	80.0	999.9	999.
28.9	77.0	8656.5	337.0	-34.6	-36.8	999.9	99.9	99.9	99.9	325.5	327.2	0.5	80.2	999.9	999.
29.2	78.0	8781.8	331.0	-35.8	-38.0	235.6	34.2	28.2	19.3	325.6	327.1	0.4	79.6	29.1	68.
29.8	79.0	8930.0	324.0	-37.1	-39.8	235.0	32.1	26.3	18.4	325.7	327.0	0.4	76.2	30.3	68.
30.1	80.0	9037.3	319.0	-38.2	-41.7	235.5	31.4	25.9	17.8	325.7	326.8	0.3	69.5	30.8	68.
30.7	81.0	9211.5	311.0	-39.7	-43.6	237.3	32.6	27.5	17.6	326.0	326.9	0.3	65.8	31.9	67.
31.0	82.0	9344.4	305.0	-40.8	99.9	238.3	33.4	28.5	17.6	326.3	999.9	99.9	999.9	32.6	67.
31.4	83.0	9479.3	299.0	-42.2	99.9	239.6	34.2	29.5	17.3	326.2	999.9	99.9	999.9	33.2	67.
31.9	84.0	9593.1	294.0	-43.3	99.9	240.9	35.2	30.8	17.1	326.2	999.9	99.9	999.9	34.3	67.
32.2	85.0	9731.5	288.0	-44.7	99.9	241.3	35.9	31.5	17.2	326.2	999.9	99.9	999.9	35.0	67.
32.9	86.0	9919.4	280.0	-46.1	99.9	241.6	37.3	32.8	17.8	326.8	999.9	99.9	999.9	36.4	66.
33.3	87.0	10039.0	275.0	-47.0	99.9	241.8	37.8	33.3	17.9	327.2	999.9	99.9	999.9	37.4	66.
33.8	88.0	10184.7	269.0	-48.4	99.9	242.4	38.3	34.0	17.7	327.2	999.9	99.9	999.9	38.6	66.
34.3	89.0	10308.0	264.0	-49.3	99.9	243.4	39.2	35.0	17.6	327.6	999.9	99.9	999.9	39.6	66.
34.8	90.0	10458.3	258.0	-50.5	99.9	243.9	39.8	35.8	17.5	328.0	999.9	99.9	999.9	40.9	66.
35.3	91.0	10585.7	253.0	-51.3	99.9	243.6	40.2	36.0	17.9	328.7	999.9	99.9	999.9	42.1	66.
35.9	92.0	10715.1	248.0	-52.5	99.9	242.2	42.2	37.4	19.7	328.8	999.9	99.9	999.9	43.4	66.
36.4	93.0	10846.3	243.0	-53.7	99.9	240.8	44.9	39.2	21.9	328.8	999.9	99.9	999.9	44.9	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
532 GMT

152 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
37.0	94.0	11006.7	237.0	-54.7	99.9	239.6	46.8	40.4	23.7	329.8	999.9	99.9	999.9	46.5	65.
37.6	95.0	11142.7	232.0	-55.8	99.9	238.7	48.1	41.1	25.0	330.1	999.9	99.9	999.9	48.3	65.
38.4	96.0	11309.3	226.0	-56.5	99.9	239.4	51.3	44.2	26.1	331.5	999.9	99.9	999.9	50.6	65.
38.9	97.0	11451.2	221.0	-56.6	99.9	239.9	51.4	44.5	25.7	333.4	999.9	99.9	999.9	52.1	65.
39.5	98.0	11596.9	216.0	-54.9	99.9	239.1	47.8	41.0	24.5	338.4	999.9	99.9	999.9	54.3	65.
40.1	99.0	11716.3	212.0	-55.5	99.9	238.9	46.3	39.6	23.9	339.2	999.9	99.9	999.9	55.5	64.
40.8	100.0	11868.4	207.0	-55.7	99.9	240.9	49.2	43.0	23.9	341.3	999.9	99.9	999.9	57.5	64.
41.5	101.0	12055.3	201.0	-56.6	99.9	242.2	49.6	43.9	23.1	342.6	999.9	99.9	999.9	59.8	64.
42.0	102.0	12183.5	197.0	-54.2	99.9	242.9	49.5	44.1	22.5	348.4	999.9	99.9	999.9	61.0	64.
42.6	103.0	12348.8	192.0	-53.0	99.9	244.0	53.1	47.7	23.3	353.0	999.9	99.9	999.9	63.0	64.
43.2	104.0	12484.4	188.0	-53.6	99.9	243.5	56.2	50.3	25.1	354.1	999.9	99.9	999.9	64.9	64.
43.8	105.0	12622.6	184.0	-54.2	99.9	241.5	52.5	46.1	25.0	355.3	999.9	99.9	999.9	67.2	64.
44.2	106.0	12798.6	179.0	-55.7	99.9	240.5	47.8*	41.5	23.6	355.7	999.9	99.9	999.9	68.3	64.
45.0	107.0	12942.1	175.0	-57.1	99.9	240.4	45.4*	39.4	22.4	355.6	999.9	99.9	999.9	70.3	64.
45.8	108.0	13088.3	171.0	-57.7	99.9	240.6	59.1*	51.5	29.0	357.1	999.9	99.9	999.9	72.6	64.
46.3	109.0	13237.3	167.0	-58.7	99.9	240.5	61.6*	53.6	30.4	357.9	999.9	99.9	999.9	74.7	64.
47.1	110.0	13389.4	163.0	-59.4	99.9	240.4	49.5*	43.0	24.4	359.2	999.9	99.9	999.9	77.8	64.
47.9	111.0	13583.9	158.0	-60.6	99.9	241.2	42.5*	37.3	20.5	360.3	999.9	99.9	999.9	79.5	64.
48.6	112.0	13743.3	154.0	-61.3	99.9	243.1	43.0*	38.3	19.4	361.7	999.9	99.9	999.9	81.4	63.
49.1	113.0	13906.2	150.0	-62.4	99.9	244.5	45.8*	41.3	19.7	362.6	999.9	99.9	999.9	82.4	63.
49.8	114.0	14072.7	146.0	-63.1	99.9	244.6	52.1*	47.1	22.4	364.1	999.9	99.9	999.9	84.7	64.
50.3	115.0	14200.1	143.0	-64.1	99.9	242.7	55.6*	49.4	25.5	364.6	999.9	99.9	999.9	86.3	64.
51.1	116.0	14417.8	138.0	-64.7	99.9	239.7	61.1*	52.7	30.8	367.3	999.9	99.9	999.9	89.0	63.
51.8	117.0	14596.7	134.0	-66.3	99.9	239.6	58.3*	50.3	29.5	367.6	999.9	99.9	999.9	92.0	63.
52.5	118.0	14733.5	131.0	-67.7	99.9	239.8	46.9*	40.5	23.6	367.5	999.9	99.9	999.9	93.7	63.
53.1	119.0	14919.6	127.0	-68.7	99.9	239.2	34.3*	29.4	17.6	368.8	999.9	99.9	999.9	95.8	63.
53.8	120.0	15062.1	124.0	-70.5	99.9	241.0	17.9*	15.7	8.7	368.2	999.9	99.9	999.9	96.7	63.
54.4	121.0	15207.3	121.0	-70.9	99.9	248.3	16.1*	15.0	6.0	369.9	999.9	99.9	999.9	96.7	63.
55.1	122.0	15355.9	118.0	-71.4	99.9	248.3	27.3*	25.4	10.1	371.8	999.9	99.9	999.9	97.7	63.
55.7	123.0	15508.0	115.0	-71.6	99.9	245.8	33.5*	30.5	13.7	374.1	999.9	99.9	999.9	99.1	63.
56.3	124.0	15710.8	111.0	-71.9	99.9	242.9	41.5*	37.0	18.9	377.5	999.9	99.9	999.9	100.2	63.
57.0	125.0	15878.1	108.0	-72.6	99.9	239.8	49.4*	42.7	24.9	379.1	999.9	99.9	999.9	101.7	63.
57.8	126.0	16100.1	104.0	-72.1	99.9	233.4	31.9*	25.6	19.0	384.1	999.9	99.9	999.9	104.6	63.
58.5	127.0	16272.6	101.0	-71.9	99.9	229.9	22.9*	17.5	14.7	387.8	999.9	99.9	999.9	105.2	63.
59.2	128.0	16450.2	98.0	-72.1	99.9	235.4	28.6*	23.5	16.2	390.7	999.9	99.9	999.9	106.3	63.
59.9	129.0	16633.0	95.0	-72.8	99.9	237.8	38.0*	32.1	20.2	392.8	999.9	99.9	999.9	107.4	63.
60.7	130.0	16820.4	92.0	-74.8	99.9	236.7	44.8*	37.5	24.6	392.5	999.9	99.9	999.9	109.8	63.
61.7	131.0	17078.7	88.0	-74.8	99.9	231.9	31.7*	24.9	19.5	397.6	999.9	99.9	999.9	112.7	63.
62.3	132.0	17279.8	85.0	-75.8	99.9	228.1	19.8*	14.8	13.2	399.5	999.9	99.9	999.9	113.1	62.
63.1	133.0	17487.5	82.0	-75.8	99.9	229.5	23.2*	17.7	15.1	403.6	999.9	99.9	999.9	113.9	62.
64.0	134.0	17702.7	79.0	-76.3	99.9	227.9	36.1*	26.8	24.2	406.8	999.9	99.9	999.9	115.2	62.
64.9	135.0	17850.8	77.0	-75.5	99.9	222.8	28.3*	19.2	20.8	411.4	999.9	99.9	999.9	117.5	62.
66.0	136.0	18159.8	73.0	-75.3	99.9	222.3	19.6*	13.2	14.5	418.3	999.9	99.9	999.9	118.0	62.
67.0	137.0	18404.5	70.0	-72.8	99.9	248.6	9.4*	8.7	3.4	428.7	999.9	99.9	999.9	119.5	61.
68.1	138.0	18661.0	67.0	-73.8	99.9	251.5	33.0*	31.3	10.5	432.0	999.9	99.9	999.9	121.1	62.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
532 GMT

152 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E.POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
69.3	139.0	19018.7	63.0	-75.8	99.9	259.2	21.8*	21.4	4.1	435.2	999.9	99.9	999.9	123.2	62.
70.6	140.0	19303.0	60.0	-72.6	99.9	10.2	8.1*	-1.4	-7.9	448.5	999.9	99.9	999.9	123.4	62.
71.8	141.0	19605.4	57.0	-71.2	99.9	250.4	12.3*	11.6	4.1	458.3	999.9	99.9	999.9	123.3	62.
73.2	142.0	19927.6	54.0	-68.3	99.9	241.4	5.6*	4.9	2.7	472.0	999.9	99.9	999.9	124.7	62.
74.0	143.0	20270.9	51.0	-67.9	99.9	238.1	32.2*	27.3	17.0	480.8	999.9	99.9	999.9	126.2	62.
76.3	144.0	20638.7	48.0	-64.1	99.9	249.3	14.5*	13.6	5.1	498.2	999.9	99.9	999.9	128.1	62.
78.0	145.0	21035.4	45.0	-62.6	99.9	247.9	29.2*	27.1	11.0	511.2	999.9	99.9	999.9	131.2	62.
79.7	146.0	21460.5	42.0	-63.0	99.9	320.6	7.5*	4.8	-5.8	520.5	999.9	99.9	999.9	132.3	63.
81.5	147.0	21917.4	39.0	-62.4	99.9	999.9	99.9	99.9	99.9	533.0	999.9	99.9	999.9	999.9	999.
83.4	148.0	22410.9	36.0	-63.0	99.9	999.9	99.9	99.9	99.9	543.9	999.9	99.9	999.9	999.9	999.
85.5	149.0	23137.3	32.0	-62.2	99.9	251.6	26.9*	25.5	8.5	564.5	999.9	99.9	999.9	134.9	63.
87.8	150.0	23746.9	29.0	-61.3	99.9	249.1	35.8*	33.4	12.8	583.2	999.9	99.9	999.9	138.3	63.
90.2	151.0	24426.5	26.0	-60.1	99.9	256.7	20.9*	20.3	4.8	605.2	999.9	99.9	999.9	142.0	64.
93.0	152.0	25193.9	23.0	-58.8	99.9	253.6	25.6*	24.5	7.2	630.4	999.9	99.9	999.9	146.2	64.
96.1	153.0	26070.6	20.0	-59.2	99.9	999.9	99.9	99.9	99.9	655.0	999.9	99.9	999.9	999.9	999.
96.8	154.0	27091.2	17.0	-58.3	99.9	999.9	99.9	99.9	99.9	689.0	999.9	99.9	999.9	999.9	999.
97.3	155.0	28310.5	14.0	-59.2	99.9	999.9	99.9	99.9	99.9	725.4	999.9	99.9	999.9	999.9	999.



STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1145 GMT

152 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	8.0	1013.6	19.3	18.5	220.0	3.1	2.0	2.4	293.1	327.5	13.4	95.0	0.0	0.
0.4	6.0	116.0	1001.0	19.3	18.1	255.8	7.8	7.5	1.9	294.1	328.2	13.2	92.6	0.1	59.
0.7	7.0	220.1	989.0	19.1	18.0	257.5	8.3	8.1	1.8	294.9	329.4	13.3	93.4	0.2	66.
1.1	8.0	316.6	978.0	19.1	18.1	259.9	9.4	9.2	1.6	295.9	331.0	13.5	93.7	0.4	72.
1.4	9.0	414.1	967.0	18.9	16.1	261.0	9.9	9.8	1.6	296.5	328.1	12.1	84.1	0.6	75.
1.7	10.0	503.7	957.0	19.1	14.1	259.2	9.6	9.5	1.8	297.4	325.6	10.6	72.6	0.8	76.
2.2	11.0	630.7	943.0	19.3	13.5	255.8	8.8	8.5	2.2	298.8	326.6	10.4	69.2	1.1	76.
2.5	12.0	722.5	933.0	18.9	11.6	256.0	8.6	8.3	2.1	299.1	324.1	9.3	62.8	1.2	76.
2.8	13.0	824.3	922.0	18.0	11.0	257.8	8.3	8.1	1.8	299.2	323.4	9.0	63.4	1.4	76.
3.2	14.0	917.8	912.0	17.6	10.9	257.4	7.6	7.4	1.7	299.7	324.1	9.0	64.7	1.6	77.
3.5	15.0	1021.5	901.0	16.8	11.0	254.3	6.8	6.6	1.8	299.9	324.7	9.2	68.6	1.7	77.
4.0	16.0	1145.4	888.0	15.5	10.5	242.1	5.7	5.0	2.7	299.9	324.2	9.0	71.8	1.9	76.
4.3	17.0	1251.3	877.0	15.1	9.7	235.5	5.9	4.8	3.3	300.5	324.0	8.7	70.0	2.0	75.
4.7	18.0	1348.5	867.0	14.5	9.2	236.2	6.4	5.3	3.6	300.8	323.8	8.5	70.2	2.1	73.
5.0	19.0	1446.6	857.0	13.9	8.6	242.5	7.0	6.2	3.3	301.1	323.5	8.2	70.0	2.2	72.
5.3	20.0	1535.7	848.0	13.1	7.5	246.2	7.7	7.1	3.1	301.1	322.3	7.7	68.6	2.4	72.
5.7	21.0	1665.7	835.0	12.4	5.8	248.2	8.2	7.6	3.0	301.5	320.8	7.0	64.2	2.6	72.
6.1	22.0	1776.9	824.0	12.0	2.5	248.3	8.1	7.6	3.0	302.1	317.8	5.6	52.4	2.8	71.
6.4	23.0	1868.8	815.0	11.4	0.0	249.3	8.3	7.8	2.9	302.3	315.7	4.7	45.4	2.9	71.
6.8	24.0	1971.9	805.0	11.0	-1.1	249.6	8.8	8.3	3.1	302.9	315.5	4.4	42.9	3.1	71.
7.1	25.0	2086.6	794.0	10.1	1.9	249.9	9.2	8.7	3.2	303.3	319.0	5.6	56.9	3.3	71.
7.5	26.0	2202.5	783.0	9.0	2.2	250.8	9.6	9.0	3.1	303.3	319.5	5.8	62.7	3.5	71.
7.9	27.0	2308.9	773.0	7.9	2.8	251.8	10.0	9.5	3.1	303.3	320.3	6.1	70.0	3.7	71.
8.3	28.0	2416.3	763.0	7.2	2.8	252.3	10.7	10.2	3.3	303.7	320.9	6.1	73.5	4.0	71.
8.7	29.0	2524.9	753.0	6.3	2.3	252.3	11.6	11.1	3.5	303.8	320.7	6.0	75.6	4.2	71.
9.0	30.0	2623.5	744.0	5.4	0.8	252.1	12.4	11.8	3.8	303.8	319.3	5.5	72.1	4.4	71.
9.3	31.0	2723.1	735.0	5.2	0.4	251.7	12.9	12.3	4.0	304.7	319.9	5.4	70.8	4.7	71.
9.6	32.0	2835.0	725.0	4.5	-1.3	251.7	13.3	12.6	4.2	305.1	318.8	4.8	65.7	4.9	71.
10.0	33.0	2936.8	716.0	4.0	-2.0	252.4	13.4	12.8	4.1	305.6	318.8	4.6	64.8	5.3	71.
10.4	34.0	3039.6	707.0	3.0	-3.1	255.1	13.7	13.2	3.5	305.5	317.9	4.3	64.0	5.6	71.
10.7	35.0	3143.3	698.0	2.2	-2.7	257.5	13.9	13.6	3.0	305.7	318.7	4.5	69.9	5.8	72.
11.1	36.0	3271.7	687.0	1.7	-2.3	260.7	14.1	13.9	2.3	306.6	320.2	4.7	74.8	6.2	72.
11.4	37.0	3389.8	677.0	0.7	-6.9	262.5	14.0	13.9	1.8	306.6	316.5	3.4	56.8	6.4	72.
11.8	38.0	3487.2	668.0	-0.3	-5.0	263.4	13.8	13.7	1.6	306.7	318.3	4.0	70.7	6.8	73.
12.1	39.0	3605.7	659.0	-1.3	-3.0	263.5	13.8	13.7	1.6	306.9	320.4	4.6	87.5	7.0	74.
12.5	40.0	3703.1	651.0	-1.9	-5.9	262.8	14.1	14.0	1.8	307.2	318.2	3.8	73.7	7.3	74.
12.9	41.0	3826.3	641.0	-2.2	-7.9	262.4	14.6	14.5	1.9	308.1	317.9	3.3	65.0	7.7	74.
13.4	42.0	3938.4	632.0	-3.3	-14.0	262.5	14.9	14.8	2.0	307.9	314.2	2.0	43.3	8.1	75.
13.7	43.0	4051.8	623.0	-3.9	-12.3	262.8	15.0	14.9	1.9	308.5	315.8	2.4	52.1	8.4	75.
14.0	44.0	4153.7	615.0	-4.8	-11.8	263.2	15.0	14.9	1.8	308.6	316.3	2.5	58.2	8.6	75.
14.4	45.0	4269.6	606.0	-5.6	-11.1	263.5	15.5	15.4	1.8	309.1	317.2	2.7	65.1	9.0	75.
14.8	46.0	4373.7	598.0	-6.5	-11.5	262.2	16.4	16.3	2.2	309.2	317.2	2.7	67.7	9.3	76.
15.2	47.0	4492.2	589.0	-7.1	-10.9	259.9	17.6	17.3	3.1	309.9	318.4	2.8	74.2	9.7	76.
15.6	48.0	4598.8	581.0	-8.1	-11.9	257.8	18.7	18.3	4.0	309.9	317.9	2.7	74.4	10.2	76.
16.0	49.0	4706.5	573.0	-8.7	-11.7	257.4	19.3	18.9	4.2	310.4	318.7	2.7	79.1	10.7	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1145 GMT

152 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.3	50.0	4815.4	565.0	-9.6	-15.0	258.8	19.4	19.1	3.8	310.5	317.0	2.1	64.5	11.0	76.
16.7	51.0	4953.4	555.0	-9.3	-21.3	259.6	19.7	19.4	3.5	312.4	316.4	1.3	36.8	11.5	76.
17.1	52.0	5065.6	547.0	-9.6	-30.4	258.8	20.3	19.9	4.0	313.2	315.1	0.6	16.4	11.9	77.
17.4	53.0	5179.3	539.0	-10.3	-24.3	256.6	21.0	20.4	4.9	313.7	316.9	1.0	30.5	12.3	77.
17.8	54.0	5294.3	531.0	-10.9	-25.8	253.7	21.8	20.9	6.1	314.4	317.3	0.9	28.0	12.8	77.
18.2	55.0	5410.8	523.0	-11.6	-28.0	251.8	22.2	21.1	6.9	314.9	317.3	0.7	24.2	13.4	76.
18.6	56.0	5558.7	513.0	-12.0	-37.5	251.2	22.1	20.9	7.1	316.0	317.1	0.3	9.9	13.9	76.
19.1	57.0	5663.6	506.0	-13.0	-33.6	252.4	21.7	20.6	6.5	316.1	317.6	0.4	15.7	14.6	76.
19.5	58.0	5784.8	498.0	-14.0	-30.9	254.3	21.6	20.7	5.8	316.3	318.3	0.6	22.2	15.1	76.
19.8	59.0	5892.1	491.0	-15.0	-34.9	255.3	21.7	21.0	5.5	316.4	317.8	0.4	16.4	15.5	76.
20.2	60.0	6016.1	483.0	-15.9	-32.5	256.0	22.0	21.4	5.3	316.7	318.5	0.5	22.3	16.0	76.
20.6	61.0	6125.9	476.0	-16.9	-33.3	255.8	22.3	21.7	5.5	316.9	318.5	0.5	22.4	16.5	76.
21.0	62.0	6253.0	468.0	-17.7	-26.2	254.8	22.7	21.9	6.0	317.4	320.6	1.0	47.3	17.1	76.
21.4	63.0	6365.6	461.0	-18.7	-32.5	253.6	23.5	22.5	6.6	317.6	319.4	0.5	28.3	17.6	76.
21.8	64.0	6455.9	453.0	-19.4	-32.8	252.5	24.7	23.6	7.4	318.3	320.1	0.5	29.0	18.2	76.
22.2	65.0	6594.9	447.0	-20.2	-28.3	251.7	26.3	25.0	8.3	318.5	321.3	0.8	47.9	18.8	76.
22.6	66.0	6745.4	438.0	-21.4	-28.0	251.1	27.8	26.3	9.0	318.9	321.8	0.9	54.6	19.4	75.
23.0	67.0	6864.1	431.0	-22.2	-27.9	250.7	28.8	27.2	9.5	319.3	322.3	0.9	59.3	20.1	75.
23.4	68.0	6984.2	424.0	-23.4	-28.8	250.0	28.3	26.6	9.6	319.3	322.1	0.8	60.8	20.9	75.
23.8	69.0	7105.8	417.0	-24.4	-29.2	248.7	27.2	25.3	9.9	319.5	322.2	0.8	64.4	21.5	75.
24.3	70.0	7229.0	410.0	-25.2	-29.5	245.9	26.0	23.7	10.6	320.0	322.7	0.8	67.3	22.3	75.
24.7	71.0	7390.0	401.0	-26.0	-29.9	243.1	25.5	22.7	11.5	321.0	323.7	0.8	69.5	22.9	74.
25.1	72.0	7499.0	395.0	-27.1	-30.5	240.1	25.3	22.0	12.6	321.0	323.6	0.8	72.1	23.5	74.
25.6	73.0	7627.7	388.0	-28.0	-31.6	235.5	25.5	21.0	14.4	321.4	323.8	0.7	70.7	24.2	74.
25.9	74.0	7739.4	382.0	-29.2	-32.6	232.6	26.1	20.7	15.8	321.3	323.5	0.6	72.1	24.7	73.
26.3	75.0	7871.6	375.0	-29.2	-32.7	230.6	27.8	21.5	17.7	323.0	325.2	0.6	71.1	25.2	73.
26.8	76.0	7986.7	369.0	-29.9	-33.6	230.4	29.9	23.0	19.1	323.5	325.5	0.6	70.1	26.0	72.
27.1	77.0	8103.3	363.0	-31.0	-34.2	230.8	30.3	23.5	19.2	323.6	325.6	0.6	72.7	26.6	71.
27.6	78.0	8241.1	356.0	-32.3	-35.4	231.3	29.0	22.7	18.1	323.6	325.4	0.5	73.8	27.4	71.
28.0	79.0	8360.9	350.0	-33.1	-36.6	231.9	27.5	21.7	17.0	324.1	325.8	0.5	70.5	28.1	70.
28.5	80.0	8482.3	344.0	-33.9	-38.2	233.8	28.0	22.6	16.6	324.6	326.1	0.4	64.8	28.7	70.
29.0	81.0	8646.8	336.0	-35.2	-40.2	235.6	30.4	25.1	17.2	325.0	326.2	0.3	59.5	29.6	69.
29.4	82.0	8772.2	330.0	-36.0	-41.4	236.6	31.5	26.3	17.3	325.6	326.7	0.3	56.7	30.4	69.
29.8	83.0	8899.5	324.0	-36.7	-42.0	237.4	32.0	26.9	17.2	326.4	327.4	0.3	57.0	31.2	69.
30.1	84.0	9028.8	318.0	-37.6	-43.9	238.0	32.6	27.7	17.3	326.8	327.7	0.2	51.0	31.8	69.
30.5	85.0	9137.8	313.0	-38.8	-44.9	238.7	34.6	29.6	18.0	327.6	327.5	0.2	52.0	32.3	68.
30.9	86.0	9292.7	306.0	-40.0	-46.0	239.4	38.3	33.0	19.5	327.1	327.8	0.2	52.1	33.2	68.
31.3	87.0	9427.6	300.0	-41.2	99.9	239.8	40.9	35.3	20.6	327.3	999.9	99.9	999.9	34.3	68.
31.6	88.0	9564.5	294.0	-42.4	99.9	239.9	41.9	36.2	21.0	327.4	999.9	99.9	999.9	35.1	68.
32.0	89.0	9680.1	289.0	-43.6	99.9	239.9	41.6	36.0	20.9	327.5	999.9	99.9	999.9	36.1	67.
32.5	90.0	9820.9	283.0	-44.5	99.9	239.8	41.9	36.2	21.0	328.0	999.9	99.9	999.9	37.2	67.
32.9	91.0	9940.0	278.0	-45.6	99.9	240.0	43.3	37.5	21.7	328.1	999.9	99.9	999.9	38.3	67.
33.4	92.0	10060.7	273.0	-46.8	99.9	239.9	44.6	38.6	22.4	328.2	999.9	99.9	999.9	39.6	67.
33.8	93.0	10182.9	268.0	-47.9	99.9	239.3	44.9	38.6	23.0	328.2	999.9	99.9	999.9	40.7	67.
34.4	94.0	10332.0	262.0	-48.8	99.9	238.3	46.3	39.4	24.3	329.1	999.9	99.9	999.9	42.2	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1145 GMT

152 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.9	95.0	10458.4	257.0	-49.7	99.9	238.2	49.4	42.0	26.1	329.6	999.9	99.9	999.9	43.6	66.
35.5	96.0	10612.6	251.0	-50.9	99.9	238.2	53.4	45.3	28.1	330.1	999.9	99.9	999.9	45.5	66.
36.0	97.0	10743.4	246.0	-51.6	99.9	237.8	54.6	46.2	29.1	330.8	999.9	99.9	999.9	47.1	65.
36.5	98.0	10876.2	241.0	-53.0	99.9	237.9	54.3	46.0	28.9	330.7	999.9	99.9	999.9	48.9	65.
37.0	99.0	11011.1	236.0	-53.9	99.9	238.5	54.1	46.1	28.3	331.3	999.9	99.9	999.9	50.3	65.
37.6	100.0	11148.5	231.0	-54.2	99.9	239.4	53.8	46.3	27.3	332.9	999.9	99.9	999.9	52.4	65.
38.2	101.0	11317.3	225.0	-54.1	99.9	239.2	51.6	44.3	26.4	335.6	999.9	99.9	999.9	54.3	65.
38.7	102.0	11461.8	220.0	-53.2	99.9	237.1	49.8	41.8	27.0	339.2	999.9	99.9	999.9	55.8	65.
39.3	103.0	11580.1	216.0	-53.0	99.9	235.3	51.2	42.1	29.1	341.3	999.9	99.9	999.9	57.3	64.
40.0	104.0	11731.0	211.0	-53.2	99.9	237.6	55.7	47.0	29.8	343.3	999.9	99.9	999.9	59.9	64.
40.7	105.0	11854.7	207.0	-51.9	99.9	240.5	53.3	46.4	26.2	347.1	999.9	99.9	999.9	62.1	64.
41.2	106.0	11981.3	203.0	-51.5	99.9	242.5	51.1*	45.3	23.6	349.8	999.9	99.9	999.9	63.7	64.
41.7	107.0	12143.0	198.0	-52.1	99.9	244.5	53.2*	48.0	22.9	351.3	999.9	99.9	999.9	65.0	64.
42.3	108.0	12274.8	194.0	-53.2	99.9	246.2	61.5*	56.3	24.8	351.7	999.9	99.9	999.9	67.0	64.
42.8	109.0	12442.9	189.0	-53.6	99.9	247.0	65.5*	60.3	25.6	353.5	999.9	99.9	999.9	69.1	64.
43	110.0	12580.3	185.0	-54.1	99.9	247.4	63.3*	58.4	24.3	354.9	999.9	99.9	999.9	70.8	64.
44.0	111.0	12755.9	180.0	-54.7	99.9	247.8	52.1*	48.2	19.7	356.7	999.9	99.9	999.9	73.5	64.
44.6	112.0	12899.4	176.0	-55.5	99.9	245.7	53.9*	49.2	22.2	357.7	999.9	99.9	999.9	75.2	64.
45.1	113.0	13045.9	172.0	-55.7	99.9	243.4	64.4*	57.6	28.9	359.8	999.9	99.9	999.9	76.8	64.
45.6	114.0	13195.3	168.0	-57.0	99.9	241.2	76.7*	67.2	36.9	360.1	999.9	99.9	999.9	78.8	64.
46.2	115.0	13347.6	164.0	-57.8	99.9	238.9	77.1*	66.0	39.8	361.2	999.9	99.9	999.9	82.4	64.
47.0	116.0	13542.1	159.0	-59.7	99.9	236.9	54.9*	46.0	29.9	361.2	999.9	99.9	999.9	85.5	64.
47.6	117.0	13700.9	155.0	-60.9	99.9	238.4	47.0*	40.0	24.6	361.8	999.9	99.9	999.9	87.2	63.
48.1	118.0	13862.9	151.0	-62.3	99.9	239.4	53.6*	46.1	27.3	362.0	999.9	99.9	999.9	87.8	63.
48.7	119.0	14028.3	147.0	-63.4	99.9	239.3	60.5*	52.0	30.8	362.9	999.9	99.9	999.9	90.8	63.
49.3	120.0	14157.2	143.0	-64.8	99.9	239.7	54.6*	47.2	27.5	363.5	999.9	99.9	999.9	93.0	63.
49.9	121.0	14326.2	140.0	-66.1	99.9	241.1	53.1*	46.5	25.6	363.3	999.9	99.9	999.9	94.3	63.
50.5	122.0	14501.5	136.0	-67.3	99.9	242.2	71.0*	62.8	33.1	364.2	999.9	99.9	999.9	96.5	63.
51.1	123.0	14635.8	133.0	-67.9	99.9	242.6	93.1*	82.6	42.8	365.4	999.9	99.9	999.9	99.1	63.
51.8	124.0	14819.1	129.0	-68.4	99.9	242.3	75.9*	67.2	35.3	367.9	999.9	99.9	999.9	104.5	63.
52.5	125.0	14960.0	126.0	-69.2	99.9	241.5	27.4*	24.1	13.0	368.8	999.9	99.9	999.9	106.5	63.
53.3	126.0	15152.2	122.0	-70.3	99.9	242.8	13.9*	12.3	6.3	370.3	999.9	99.9	999.9	106.6	63.
54.0	127.0	15349.8	118.0	-71.4	99.9	242.7	27.9*	24.8	12.8	371.8	999.9	99.9	999.9	106.6	63.
54.6	128.0	15502.1	115.0	-71.2	99.9	241.0	32.1*	28.1	15.6	375.0	999.9	99.9	999.9	108.9	63.
55.2	129.0	15712.0	111.0	-70.3	99.9	238.3	24.0*	20.4	12.6	380.4	999.9	99.9	999.9	109.6	63.
55.9	130.0	15875.3	108.0	-69.0	99.9	237.2	11.8*	9.9	6.4	385.9	999.9	99.9	999.9	111.1	63.
56.7	131.0	16100.9	104.0	-69.2	99.9	242.7	19.8*	17.6	9.1	389.7	999.9	99.9	999.9	110.2	63.
57.4	132.0	16275.3	101.0	-70.3	99.9	243.0	36.4*	32.5	16.5	390.9	999.9	99.9	999.9	112.4	63.
58.1	133.0	16453.7	98.0	-72.1	99.9	242.9	32.5*	29.0	14.8	390.7	999.9	99.9	999.9	113.8	63.
58.9	134.0	16636.8	95.0	-72.1	99.9	240.9	28.9*	25.3	14.1	394.2	999.9	99.9	999.9	115.0	63.
59.7	135.0	16889.7	91.0	-72.8	99.9	234.8	29.5*	24.1	17.0	397.7	999.9	99.9	999.9	116.5	63.
60.6	136.0	17085.8	88.0	-74.2	99.9	233.4	30.8*	24.8	18.4	398.7	999.9	99.9	999.9	118.0	63.
61.4	137.0	17357.7	84.0	-73.0	99.9	238.0	32.1*	27.3	17.0	406.5	999.9	99.9	999.9	119.6	63.
62.4	138.0	17645.4	80.0	-70.7	99.9	238.3	29.8*	25.3	15.7	416.9	999.9	99.9	999.9	121.5	63.
63.3	139.0	17872.1	77.0	-70.5	99.9	241.3	29.4*	25.8	14.1	421.9	999.9	99.9	999.9	123.0	63.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1145 GMT

152 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.3	140.0	18188.8	73.0	-70.5	99.9	236.1	16.2*	13.5	9.0	428.4	999.9	99.9	999.9	124.9	63.
65.5	141.0	18437.6	70.0	-70.9	99.9	240.3	23.1*	20.1	11.5	432.6	999.9	99.9	999.9	125.2	62.
66.5	142.0	18785.4	66.0	-71.8	99.9	246.3	53.4*	49.0	21.4	438.0	999.9	99.9	999.9	127.4	62.
67.7	143.0	19059.9	63.0	-71.6	99.9	248.4	43.5*	40.5	16.0	444.4	999.9	99.9	999.9	132.1	63.
68.9	144.0	19350.1	60.0	-68.6	99.9	243.5	38.4*	34.3	-17.1	457.5	999.9	99.9	999.9	134.0	63.
70.1	145.0	19763.7	56.0	-68.4	99.9	238.8	55.2*	47.2	28.6	467.1	999.9	99.9	999.9	138.2	63.
71.3	146.0	20095.7	53.0	-66.3	99.9	222.8	4.6*	3.1	3.4	479.2	999.9	99.9	999.9	141.0	63.
72.6	147.0	20451.3	50.0	-63.2	99.9	52.4	30.8*	-24.4	-18.8	494.5	999.9	99.9	999.9	138.8	63.
74.0	148.0	20832.6	47.0	-62.3	99.9	19.2	4.4*	-1.4	-4.1	505.5	999.9	99.9	999.9	137.2	63.
75.6	149.0	21385.3	43.0	-59.7	99.9	255.0	21.5*	20.8	5.6	525.0	999.9	99.9	999.9	139.0	63.
77.2	150.0	21837.6	40.0	-59.7	99.9	256.8	23.8*	23.1	5.4	536.0	999.9	99.9	999.9	140.2	63.
78.9	151.0	22323.9	37.0	-60.7	99.9	265.3	22.2*	22.1	1.8	545.4	999.9	99.9	999.9	143.2	63.
80.6	152.0	23035.2	33.0	-61.1	99.9	261.5	19.1*	18.9	2.8	562.6	999.9	99.9	999.9	145.5	64.
82.5	153.0	23629.5	30.0	-59.5	99.9	270.5	18.7*	18.7	-0.2	582.5	999.9	99.9	999.9	146.2	64.
84.3	154.0	24290.4	27.0	-58.5	99.9	269.4	19.3*	19.3	0.2	603.1	999.9	99.9	999.9	149.1	64.
86.5	155.0	25033.1	24.0	-57.3	99.9	257.8	41.2*	40.2	8.7	627.2	999.9	99.9	999.9	152.7	65.
89.0	156.0	25877.3	21.0	-57.3	99.9	999.9	99.9	99.9	99.9	651.6	999.9	99.9	999.9	999.9	999.

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1430 GMT

156 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	8.0	1014.1	22.5	19.5	195.0	4.1	1.1	4.0	296.4	333.4	14.2	83.0	0.0	0.
0.1	5.0	43.3	1010.0	21.8	18.3	208.2	6.8	3.2	6.0	295.9	330.5	13.3	80.9	0.1	9.
0.6	6.0	164.7	996.0	20.9	19.6	210.8	6.9	3.6	6.0	296.3	334.2	14.6	92.4	0.2	14.
0.9	7.0	261.0	985.0	19.6	18.6	218.0	7.4	4.6	5.8	295.8	331.8	13.8	94.1	0.3	19.
1.3	8.0	358.0	974.0	19.1	18.1	228.4	9.0	6.8	6.0	296.3	331.8	13.6	94.0	0.5	29.
1.7	9.0	455.9	963.0	18.9	16.4	233.5	10.8	8.7	6.4	296.9	329.1	12.3	85.1	0.7	37.
2.0	10.0	554.8	952.0	18.5	14.1	234.8	11.8	9.6	6.8	297.2	325.7	10.7	75.9	0.9	41.
2.4	11.0	682.1	938.0	18.3	12.6	237.7	10.9	9.2	5.8	298.1	324.4	9.8	69.4	1.2	44.
2.8	12.0	783.2	927.0	17.2	12.9	238.5	9.6	8.2	5.0	298.1	325.3	10.2	75.9	1.4	47.
3.2	13.0	885.3	916.0	16.4	14.5	237.5	8.9	7.5	4.8	298.4	328.7	11.4	88.3	1.6	49.
3.6	14.0	988.3	905.0	16.0	13.1	235.0	9.0	7.4	5.2	298.9	327.1	10.6	83.0	1.8	49.
3.9	15.0	1082.9	895.0	15.2	12.6	232.4	9.2	7.3	5.6	299.0	326.6	10.3	84.6	2.0	50.
4.3	16.0	1216.7	881.0	14.6	12.4	227.8	8.5	6.3	5.7	299.7	327.4	10.3	86.5	2.2	50.
4.7	17.0	1323.1	870.0	13.4	11.9	224.2	8.0	5.6	5.7	299.5	326.8	10.2	90.7	2.4	49.
5.1	18.0	1430.4	859.0	12.8	11.3	224.2	8.0	5.6	5.7	300.0	326.5	9.9	90.5	2.6	49.
5.4	19.0	1529.0	849.0	12.4	10.7	227.5	8.2	6.1	5.5	300.5	326.5	9.6	89.2	2.8	49.
5.8	20.0	1628.5	839.0	11.7	9.4	231.5	7.7	6.0	4.8	300.7	324.8	8.9	86.2	3.0	49.
6.2	21.0	1749.2	827.0	11.1	8.7	235.5	7.6	6.2	4.3	301.3	324.6	8.6	84.9	3.1	49.
6.7	22.0	1861.2	816.0	10.7	7.5	238.9	8.2	7.0	4.2	301.9	324.0	8.0	80.7	3.4	50.
7.0	23.0	1953.7	807.0	9.6	6.3	240.2	8.6	7.5	4.3	301.6	322.2	7.5	79.8	3.5	50.
7.4	24.0	2057.3	797.0	9.1	6.4	237.2	8.8	7.4	4.8	302.1	323.1	7.6	83.3	3.7	51.
7.8	25.0	2172.5	786.0	8.3	5.8	235.9	9.3	7.7	5.2	302.5	323.0	7.4	84.2	3.9	51.
8.2	26.0	2299.7	774.0	7.4	5.3	236.0	9.9	8.2	5.5	302.9	323.0	7.3	86.5	4.1	51.
8.6	27.0	2406.9	764.0	6.9	2.2	236.9	10.4	8.7	5.7	303.2	319.8	5.9	71.9	4.4	51.
8.9	28.0	2515.3	754.0	6.2	3.7	237.8	10.6	8.9	5.6	303.7	322.2	6.6	83.8	4.6	52.
9.3	29.0	2613.8	745.0	5.7	1.8	238.6	10.9	9.3	5.7	304.1	320.6	5.9	75.9	4.8	52.
9.7	30.0	2724.5	735.0	5.0	2.1	239.5	11.3	9.7	5.7	304.5	321.7	6.1	81.6	5.1	52.
10.0	31.0	2836.3	725.0	4.1	3.0	240.4	11.7	10.2	5.8	304.8	323.4	6.6	92.6	5.3	52.
10.3	32.0	2938.1	716.0	3.6	1.7	242.1	12.1	10.7	5.7	305.3	322.5	6.1	87.5	5.5	53.
10.7	33.0	3052.3	706.0	2.6	0.2	244.6	12.5	11.3	5.4	305.3	321.0	5.5	83.9	5.8	53.
11.1	34.0	3156.2	697.0	2.4	-0.6	247.4	12.8	11.8	4.9	306.2	321.3	5.3	80.1	6.1	54.
11.4	35.0	3273.2	687.0	2.3	-2.7	249.5	12.9	12.1	4.5	307.2	320.5	4.6	69.4	6.4	55.
11.9	36.0	3403.6	676.0	1.6	-5.1	253.0	13.0	12.5	3.8	307.8	319.2	3.9	61.0	6.7	55.
12.3	37.0	3511.5	667.0	0.8	-6.4	255.3	13.4	13.0	3.4	308.0	318.5	3.6	58.4	7.0	56.
12.7	38.0	3620.7	658.0	0.3	-7.6	256.7	13.9	13.5	3.2	308.6	318.4	3.3	55.1	7.3	57.
13.1	39.0	3731.0	649.0	-0.6	-9.2	257.0	14.4	14.0	3.2	308.7	317.6	2.9	52.4	7.6	58.
13.4	40.0	3842.6	640.0	-1.0	-8.8	256.3	14.6	14.2	3.5	309.6	318.8	3.1	55.3	7.9	59.
13.8	41.0	3980.7	629.0	-2.4	-9.6	254.1	14.8	14.2	4.1	309.5	318.4	2.9	57.7	8.2	60.
14.2	42.0	4095.1	620.0	-3.2	-9.1	251.1	15.3	14.5	5.0	309.9	319.2	3.1	63.6	8.6	60.
14.6	43.0	4210.7	611.0	-3.9	-10.6	248.6	16.2	15.1	5.9	310.3	318.7	2.8	59.5	8.9	61.
15.0	44.0	4314.8	603.0	-4.2	-12.7	247.5	17.5	16.1	6.7	311.0	318.4	2.4	51.8	9.3	61.
15.3	45.0	4433.3	594.0	-4.7	-13.3	248.5	18.3	17.1	6.7	311.8	318.9	2.3	50.9	9.7	61.
15.6	46.0	4553.3	585.0	-5.3	-14.1	249.7	19.1	17.9	6.6	312.5	319.3	2.2	49.8	10.0	61.
16.0	47.0	4661.4	577.0	-6.1	-14.6	251.8	19.8	18.8	6.2	312.8	319.4	2.1	50.5	10.5	61.
16.4	48.0	4784.3	568.0	-7.1	-14.9	252.9	20.8	19.9	6.1	313.0	319.5	2.1	53.4	10.9	62.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1430 GMT

156 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
16.9	49.0	4894.7	560.0	-8.3	-13.9	252.2	22.8	21.7	7.0	312.9	320.1	2.3	64.0	11.5	63.
17.3	50.0	5020.4	551.0	-8.9	-12.3	250.5	24.5	23.1	8.2	313.7	322.0	2.7	76.1	12.1	63.
17.8	51.0	5162.2	541.0	-10.0	-11.2	248.2	25.9	24.1	9.6	314.0	323.2	3.0	91.4	12.9	64.
18.1	52.0	5277.1	533.0	-10.6	-11.1	246.9	26.3	24.1	10.3	314.7	324.0	3.1	95.9	13.4	64.
18.6	53.0	5393.3	525.0	-11.8	-11.8	244.7	26.1	23.6	11.2	314.6	323.7	3.0	100.2	14.2	64.
19.1	54.0	5510.9	517.0	-12.5	-12.5	242.4	26.3	23.3	12.2	315.1	323.9	2.8	100.9	15.0	64.
19.5	55.0	5630.1	509.0	-12.7	-14.0	240.8	26.7	23.3	13.1	316.2	324.1	2.5	90.4	15.5	64.
20.0	56.0	5781.5	499.0	-13.4	-15.3	239.7	27.4	23.7	13.8	317.1	324.4	2.3	86.0	16.4	63.
20.4	57.0	5904.4	491.0	-14.4	-16.0	239.8	27.6	23.8	13.9	317.3	324.4	2.2	87.9	17.0	63.
20.8	58.0	6013.1	484.0	-15.5	-16.7	240.7	27.2	23.7	13.3	317.3	324.0	2.1	90.5	17.7	63.
21.3	59.0	6138.8	476.0	-16.5	-17.6	243.5	26.2	23.4	11.7	317.6	323.9	2.0	91.0	18.5	63.
21.7	60.0	6266.0	468.0	-17.7	-19.9	246.7	25.5	23.4	10.1	317.5	322.9	1.7	83.1	19.2	63.
22.1	61.0	6378.7	461.0	-18.5	-20.3	249.9	25.3	23.8	8.7	317.9	323.2	1.6	86.0	19.8	63.
22.6	62.0	6509.1	453.0	-19.6	-25.0	252.3	26.0	24.8	7.9	318.0	321.7	1.1	62.3	20.5	64.
23.1	63.0	6624.5	446.0	-20.8	-27.7	253.2	27.1	26.0	7.8	317.9	320.8	0.9	53.9	21.3	64.
23.5	64.0	6741.4	439.0	-21.2	-28.3	253.5	28.2	27.1	8.0	318.8	321.6	0.8	52.5	21.9	64.
23.9	65.0	6859.8	432.0	-22.4	-32.2	253.9	29.5	28.3	8.2	318.7	320.7	0.6	40.2	22.6	65.
24.4	66.0	7014.1	423.0	-23.4	-40.3	254.3	30.5	29.4	8.3	319.4	320.4	0.3	19.4	23.5	65.
24.8	67.0	7136.1	416.0	-24.0	-40.6	254.1	30.9	29.7	8.4	320.1	321.0	0.3	19.9	24.2	65.
25.2	68.0	7277.5	408.0	-25.0	-40.4	253.6	31.1	29.8	8.8	320.7	321.7	0.3	22.1	25.0	66.
25.7	69.0	7403.2	401.0	-25.8	-37.0	252.6	30.8	29.4	9.2	321.3	322.7	0.4	33.6	25.9	66.
26.0	70.0	7512.3	395.0	-26.7	-31.8	252.1	30.3	28.8	9.3	321.5	323.8	0.7	61.8	26.5	66.
26.5	71.0	7678.3	386.0	-28.0	-30.9	251.1	29.3	27.7	9.5	321.9	324.4	0.7	75.7	27.4	66.
26.9	72.0	7809.5	379.0	-29.0	-30.2	249.0	29.3	27.4	10.5	322.2	325.0	0.9	89.4	28.0	66.
27.3	73.0	7923.6	373.0	-29.2	-34.0	246.1	30.3	27.7	12.2	323.5	325.5	0.6	62.7	28.7	66.
27.7	74.0	8059.0	366.0	-29.3	-35.6	243.5	31.9	28.5	14.2	325.0	326.8	0.5	54.3	29.5	66.
28.1	75.0	8176.9	360.0	-30.2	-37.0	242.0	33.9	29.9	15.9	325.3	326.9	0.4	51.1	30.2	66.
28.6	76.0	8316.3	353.0	-31.3	-39.1	242.3	36.9	32.7	17.1	325.7	327.0	0.4	45.8	31.2	66.
29.0	77.0	8437.5	347.0	-32.2	-40.9	243.7	39.1	35.0	17.3	326.1	327.2	0.3	41.4	32.2	66.
29.3	78.0	8581.0	340.0	-33.4	-44.0	244.6	39.8	36.0	17.1	326.4	327.2	0.2	33.1	33.0	66.
29.8	79.0	8705.8	334.0	-34.4	-46.0	245.6	40.8	37.1	16.9	326.6	327.3	0.2	29.7	34.2	66.
30.2	80.0	8832.4	328.0	-35.1	-46.9	246.0	41.7	38.1	17.0	327.4	328.0	0.2	28.4	35.1	66.
30.8	81.0	9004.0	320.0	-36.8	-49.3	246.6	43.7	40.1	17.4	327.3	327.8	0.1	25.8	36.7	66.
31.2	82.0	9134.7	314.0	-37.8	-49.2	246.7	44.8	41.2	17.7	327.7	328.2	0.1	28.8	37.8	66.
31.7	83.0	9245.1	309.0	-39.1	-49.3	246.3	46.3	42.4	18.6	327.4	327.9	0.1	32.5	39.1	66.
32.1	84.0	9379.2	303.0	-40.1	99.9	245.5	47.6	43.3	19.7	328.0	999.9	99.9	999.9	40.1	66.
32.6	85.0	9515.4	297.0	-41.4	99.9	244.4	48.0	43.3	20.7	327.9	999.9	99.9	999.9	41.7	66.
33.1	86.0	9676.9	290.0	-42.5	99.9	243.5	47.0	42.1	20.9	328.6	999.9	99.9	999.9	43.3	66.
33.7	87.0	9817.7	284.0	-43.9	99.9	242.3	47.9	42.4	22.3	328.6	999.9	99.9	999.9	44.7	66.
34.1	88.0	9936.6	279.0	-45.1	99.9	240.9	49.5	43.3	24.1	328.6	999.9	99.9	999.9	46.0	66.
34.6	89.0	10081.7	273.0	-45.5	99.9	238.8	50.9	43.5	26.4	330.0	999.9	99.9	999.9	47.5	65.
35.0	90.0	10204.7	268.0	-46.8	99.9	237.3	51.4	43.3	27.8	329.9	999.9	99.9	999.9	48.7	65.
35.5	91.0	10354.4	262.0	-48.1	99.9	236.8	51.2	42.9	28.1	330.2	999.9	99.9	999.9	50.2	65.
36.0	92.0	10481.1	257.0	-49.0	99.9	999.9	99.9	99.9	99.9	330.7	999.9	99.9	999.9	999.9	999.
36.5	93.0	10609.9	252.0	-49.8	99.9	999.9	99.9	99.9	99.9	331.2	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1430 GMT

156 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.0	94.0	10740.6	247.0	-51.2	99.9	999.9	99.9	99.9	99.9	331.1	999.9	99.9	999.9	999.9	999.
37.6	95.0	10900.4	241.0	-51.5	99.9	237.1	57.6	48.3	31.3	333.0	999.9	99.9	999.9	56.4	64.
38.2	96.0	11063.9	235.0	-52.0	99.9	235.1	59.2*	47.7	33.3	334.7	999.9	99.9	999.9	58.5	64.
38.7	97.0	11202.9	230.0	-52.9	99.9	232.7	56.3*	44.8	34.1	335.4	999.9	99.9	999.9	60.2	63.
39.2	98.0	11344.3	225.0	-54.3	99.9	229.5	58.5*	44.5	38.0	335.3	999.9	99.9	999.9	61.7	63.
39.8	99.0	11488.0	220.0	-55.4	99.9	231.6	60.2*	47.2	37.4	335.7	999.9	99.9	999.9	64.0	62.
40.2	100.0	11605.3	216.0	-54.3	99.9	238.8	59.4*	50.8	30.7	339.2	999.9	99.9	999.9	65.4	62.
40.8	101.0	11785.9	210.0	-54.3	99.9	249.0	56.0*	52.2	20.1	342.0	999.9	99.9	999.9	67.5	63.
41.3	102.0	11940.5	205.0	-53.8	99.9	248.4	49.2*	45.8	18.1	345.1	999.9	99.9	999.9	69.3	63.
41.8	103.0	12067.0	201.0	-54.3	99.9	243.6	47.1*	42.2	20.9	346.3	999.9	99.9	999.9	70.4	63.
42.4	104.0	12228.1	196.0	-55.3	99.9	242.4	61.4*	54.4	28.4	347.3	999.9	99.9	999.9	71.8	63.
43.0	105.0	12359.5	192.0	-55.9	99.9	243.1	81.6*	72.8	36.9	348.3	999.9	99.9	999.9	74.2	63.
43.6	106.0	12493.5	188.0	-55.4	99.9	242.8	75.5*	67.2	34.5	351.2	999.9	99.9	999.9	78.5	63.
44.3	107.0	12665.6	183.0	-55.1	99.9	244.0	49.4*	44.4	21.7	354.4	999.9	99.9	999.9	80.7	63.
44.9	108.0	12806.9	179.0	-54.9	99.9	246.6	37.5*	34.4	14.9	356.9	999.9	99.9	999.9	81.9	63.
45.5	109.0	12951.1	175.0	-55.4	99.9	244.9	45.3*	41.1	19.2	358.4	999.9	99.9	999.9	82.8	63.
46.2	110.0	13098.5	171.0	-55.7	99.9	242.4	44.6*	39.5	20.6	360.3	999.9	99.9	999.9	85.5	63.
46.9	111.0	13286.8	166.0	-57.2	99.9	62.9	59.6*	-53.1	-27.1	360.9	999.9	99.9	999.9	88.5	63.
47.6	112.0	13440.7	162.0	-58.4	99.9	999.9	99.9	99.9	99.9	361.4	999.9	99.9	999.9	999.9	999.
48.1	113.0	13597.5	158.0	-59.6	99.9	999.9	99.9	99.9	99.9	362.0	999.9	99.9	999.9	999.9	999.
48.7	114.0	13757.4	154.0	-60.8	99.9	999.9	99.9	99.9	99.9	362.5	999.9	99.9	999.9	999.9	999.
49.3	115.0	13879.3	151.0	-62.5	99.9	999.9	99.9	99.9	99.9	361.8	999.9	99.9	999.9	999.9	999.
50.0	116.0	14086.3	146.0	-64.0	99.9	999.9	99.9	99.9	99.9	362.7	999.9	99.9	999.9	999.9	999.
50.6	117.0	14256.1	142.0	-64.9	99.9	999.9	99.9	99.9	99.9	363.9	999.9	99.9	999.9	999.9	999.
51.2	118.0	14386.1	139.0	-65.9	99.9	999.9	99.9	99.9	99.9	364.4	999.9	99.9	999.9	999.9	999.
51.7	119.0	14563.1	135.0	-66.3	99.9	999.9	99.9	99.9	99.9	366.7	999.9	99.9	999.9	999.9	999.
52.4	120.0	14699.1	132.0	-66.9	99.9	999.9	99.9	99.9	99.9	368.0	999.9	99.9	999.9	999.9	999.
53.0	121.0	14884.4	128.0	-68.2	99.9	999.9	99.9	99.9	99.9	369.0	999.9	99.9	999.9	999.9	999.
53.6	122.0	15027.0	125.0	-67.6	99.9	999.9	99.9	99.9	99.9	372.7	999.9	99.9	999.9	999.9	999.
54.2	123.0	15223.2	121.0	-66.7	99.9	999.9	99.9	99.9	99.9	377.6	999.9	99.9	999.9	999.9	999.
54.8	124.0	15375.0	118.0	-66.7	99.9	999.9	99.9	99.9	99.9	380.4	999.9	99.9	999.9	999.9	999.
55.3	125.0	15530.5	115.0	-67.4	99.9	999.9	99.9	99.9	99.9	382.0	999.9	99.9	999.9	999.9	999.
56.1	126.0	15743.4	111.0	-68.4	99.9	999.9	99.9	99.9	99.9	384.0	999.9	99.9	999.9	999.9	999.
56.8	127.0	15907.7	108.0	-68.4	99.9	999.9	99.9	99.9	99.9	387.0	999.9	99.9	999.9	999.9	999.
57.4	128.0	16076.5	105.0	-68.8	99.9	999.9	99.9	99.9	99.9	389.3	999.9	99.9	999.9	999.9	999.
58.0	129.0	16249.4	102.0	-70.1	99.9	999.9	99.9	99.9	99.9	390.0	999.9	99.9	999.9	999.9	999.
58.3	130.0	16426.8	99.0	-70.3	99.9	999.9	99.9	99.9	99.9	393.0	999.9	99.9	999.9	999.9	999.
59.1	131.0	16671.2	95.0	-71.5	99.9	999.9	99.9	99.9	99.9	395.4	999.9	99.9	999.9	999.9	999.
59.7	132.0	16796.6	93.0	-72.4	99.9	999.9	99.9	99.9	99.9	396.0	999.9	99.9	999.9	999.9	999.
60.4	133.0	16989.0	90.0	-73.1	99.9	999.9	99.9	99.9	99.9	398.3	999.9	99.9	999.9	999.9	999.
61.0	134.0	17187.3	87.0	-73.8	99.9	999.9	99.9	99.9	99.9	400.7	999.9	99.9	999.9	999.9	999.
61.7	135.0	17392.4	84.0	-73.4	99.9	999.9	99.9	99.9	99.9	405.7	999.9	99.9	999.9	999.9	999.
62.6	136.0	17605.9	81.0	-72.2	99.9	999.9	99.9	99.9	99.9	412.4	999.9	99.9	999.9	999.9	999.
63.3	137.0	17828.1	78.0	-72.2	99.9	999.9	99.9	99.9	99.9	416.9	999.9	99.9	999.9	999.9	999.
64.2	138.0	18060.9	75.0	-68.8	99.9	999.9	99.9	99.9	99.9	428.6	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1430 GMT

156 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
65.1	139.0	18304.6	72.0	-69.5	99.9	999.9	99.9	99.9	99.9	432.3	999.9	99.9	999.9	999.9	999.
65.8	140.0	18558.3	69.0	-70.1	99.9	999.9	99.9	99.9	99.9	436.2	999.9	99.9	999.9	999.9	999.
66.8	141.0	18821.8	66.0	-71.5	99.9	999.9	99.9	99.9	99.9	438.8	999.9	99.9	999.9	999.9	999.
67.8	142.0	19097.1	63.0	-70.8	99.9	999.9	99.9	99.9	99.9	446.2	999.9	99.9	999.9	999.9	999.
68.8	143.0	19389.6	60.0	-66.1	99.9	999.9	99.9	99.9	99.9	462.9	999.9	99.9	999.9	999.9	999.
69.8	144.0	19699.7	57.0	-67.4	99.9	999.9	99.9	99.9	99.9	467.0	999.9	99.9	999.9	999.9	999.
70.9	145.0	20026.0	54.0	-66.9	99.9	999.9	99.9	99.9	99.9	475.2	999.9	99.9	999.9	999.9	999.
71.9	146.0	20379.1	51.0	-64.8	99.9	240.1	27.5	23.8	13.7	488.1	999.9	99.9	999.9	136.2	62.
72.9	147.0	20744.7	48.0	-63.0	99.9	245.5	62.4*	56.8	25.9	500.8	999.9	99.9	999.9	140.9	62.
74.1	148.0	21007.0	46.0	-62.5	99.9	999.9	99.9	99.9	99.9	508.2	999.9	99.9	999.9	999.9	999.
75.4	149.0	21423.9	43.0	-61.7	99.9	999.9	99.9	99.9	99.9	519.9	999.9	99.9	999.9	999.9	999.
76.7	150.0	21873.0	40.0	-60.5	99.9	999.9	99.9	99.9	99.9	534.0	999.9	99.9	999.9	999.9	999.
78.0	151.0	22193.7	38.0	-58.9	99.9	999.9	99.9	99.9	99.9	545.9	999.9	99.9	999.9	999.9	999.
79.4	152.0	22712.0	35.0	-57.1	99.9	999.9	99.9	99.9	99.9	563.7	999.9	99.9	999.9	999.9	999.
80.8	153.0	23278.1	32.0	-57.9	99.9	999.9	99.9	99.9	99.9	576.1	999.9	99.9	999.9	999.9	999.
82.3	154.0	23685.2	30.0	-57.7	99.9	223.4	18.4*	12.6	13.4	587.3	999.9	99.9	999.9	153.9	63.
84.2	155.0	24351.1	27.0	-57.1	99.9	262.1	28.5*	28.3	3.9	607.1	999.9	99.9	999.9	155.9	64.
86.1	156.0	25057.4	24.0	-56.6	99.9	253.0	36.3*	34.7	10.6	629.4	999.9	99.9	999.9	159.5	64.
88.1	157.0	25648.4	22.0	-57.4	99.9	255.2	19.5*	18.8	5.0	642.8	999.9	99.9	999.9	161.2	64.
90.4	158.0	26578.1	19.0	-55.9	99.9	264.3	41.2*	41.0	4.1	674.9	999.9	99.9	999.9	164.8	64.
92.7	159.0	27676.1	16.0	-54.1	99.9	999.9	99.9	99.9	99.9	714.7	999.9	99.9	999.9	999.9	999.



STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1730 GMT

153 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	8.0	1013.3	22.7	20.0	210.0	7.7	3.8	6.7	296.7	335.1	14.8	85.0	0.0	0.
0.3	6.0	132.1	999.0	21.8	20.4	209.7	11.4	5.7	9.9	297.1	336.9	15.3	91.5	0.4	37.
0.7	7.0	228.5	988.0	20.9	20.4	213.3	11.5	6.3	9.6	297.1	337.3	15.4	96.7	0.5	35.
1.0	8.0	325.7	977.0	20.2	19.7	218.6	11.7	7.3	9.2	297.4	336.5	15.0	96.8	0.7	34.
1.2	9.0	423.8	966.0	19.8	19.3	221.9	12.2	8.2	9.1	297.8	336.5	14.8	96.9	0.9	36.
1.7	10.0	513.7	956.0	18.7	18.1	225.2	11.8	8.4	8.3	297.5	333.8	13.8	96.2	1.3	39.
2.0	11.0	631.5	943.0	18.1	17.3	223.1	10.0	6.8	7.3	297.9	333.0	13.3	95.1	1.5	40.
2.3	12.0	732.4	932.0	18.1	17.0	204.7	9.4	3.9	8.5	298.9	333.8	13.2	93.1	1.6	40.
2.8	13.0	834.3	921.0	16.8	16.1	198.3	10.5	3.3	9.9	298.6	331.9	12.6	95.5	1.9	35.
3.1	14.0	927.6	911.0	16.6	15.1	206.2	10.7	4.7	9.6	299.2	331.0	12.0	90.9	2.1	33.
3.4	15.0	1022.0	901.0	16.6	13.2	220.8	9.8	6.4	7.5	300.0	328.5	10.7	80.1	2.3	34.
3.9	16.0	1145.9	888.0	16.0	11.8	218.7	9.5	5.9	7.4	300.5	327.0	9.9	76.0	2.6	35.
4.2	17.0	1251.9	877.0	15.0	10.7	212.8	10.1	5.5	8.5	300.4	325.4	9.3	75.4	2.7	35.
4.6	18.0	1349.2	867.0	14.4	10.2	207.5	11.1	5.1	9.8	300.7	325.4	9.1	76.0	3.0	35.
4.9	19.0	1447.3	857.0	14.0	10.2	207.2	11.1	5.1	9.9	301.3	326.2	9.2	77.8	3.2	34.
5.2	20.0	1546.4	847.0	12.8	9.4	208.9	10.7	5.2	9.3	301.0	324.9	8.8	79.5	3.4	34.
5.7	21.0	1666.4	835.0	12.2	9.9	213.2	10.5	5.7	8.8	301.7	326.9	9.3	85.9	3.7	34.
6.1	22.0	1767.6	825.0	11.5	8.6	215.5	11.4	6.6	9.3	301.8	325.2	8.6	82.5	3.9	34.
6.4	23.0	1869.6	815.0	10.7	9.1	216.9	12.0	7.2	9.6	302.2	326.7	9.0	89.8	4.2	34.
6.9	24.0	1962.3	806.0	10.2	8.3	219.3	11.9	7.5	9.2	302.5	325.9	8.6	88.1	4.5	34.
7.1	25.0	2076.7	795.0	8.9	6.7	220.3	11.7	7.6	8.9	302.2	323.6	7.8	86.5	4.7	34.
7.6	26.0	2202.8	783.0	8.5	6.1	223.0	11.2	7.6	8.2	303.1	324.1	7.6	85.0	5.0	35.
7.9	27.0	2298.5	774.0	8.1	4.8	225.1	10.7	7.6	7.6	303.6	323.0	7.0	79.2	5.2	35.
8.2	28.0	2406.0	764.0	7.6	2.8	228.4	10.5	7.8	6.9	304.0	321.3	6.2	71.7	5.4	36.
8.8	29.0	2514.7	754.0	7.2	1.7	236.3	10.9	9.1	6.1	304.7	321.0	5.8	67.7	5.7	36.
9.1	30.0	2613.5	745.0	6.5	1.7	239.2	11.6	9.9	5.9	305.0	321.5	5.8	71.2	5.9	37.
9.5	31.0	2713.3	736.0	5.8	1.8	241.2	12.6	11.1	6.1	305.3	322.2	6.0	75.4	6.2	38.
9.8	32.0	2814.1	727.0	5.3	0.9	241.3	13.1	11.5	6.3	305.8	321.8	5.6	73.1	6.4	39.
10.1	33.0	2915.9	718.0	4.4	0.5	241.2	13.6	11.9	6.5	305.9	321.6	5.5	75.3	6.7	40.
10.5	34.0	3030.1	708.0	3.4	0.4	240.9	14.1	12.4	6.9	306.0	321.9	5.6	80.7	6.9	41.
10.9	35.0	3134.0	699.0	3.1	0.3	240.3	14.7	12.8	7.3	306.7	322.8	5.6	82.0	7.3	42.
11.2	36.0	3262.5	688.0	1.9	-0.5	240.2	14.9	13.0	7.4	306.8	322.3	5.4	84.2	7.5	43.
11.7	37.0	3368.8	679.0	1.3	-1.5	241.2	14.9	13.0	7.2	307.2	321.7	5.0	81.6	8.0	44.
12.0	38.0	3476.2	670.0	0.4	-6.0	242.5	14.6	13.0	6.7	307.2	318.0	3.7	62.1	8.2	44.
12.3	39.0	3584.7	661.0	0.3	-7.6	245.1	14.5	13.1	6.1	308.2	317.9	3.3	55.3	8.5	45.
12.8	40.0	3694.7	652.0	0.3	-10.1	248.8	14.7	13.7	5.3	309.3	317.6	2.7	45.7	8.9	46.
13.2	41.0	3818.6	642.0	-0.2	-21.8	249.7	15.4	14.4	5.3	309.9	313.2	1.0	17.6	9.2	47.
13.7	42.0	3931.3	633.0	-1.2	-23.2	248.4	16.6	15.5	6.1	310.1	313.1	0.9	16.7	9.6	48.
14.0	43.0	4032.6	625.0	-1.3	-21.4	247.1	17.4	16.1	6.8	310.5	314.0	1.1	20.6	9.9	48.
14.3	44.0	4147.8	616.0	-2.4	-23.9	246.6	17.6	16.2	7.0	311.0	314.0	0.9	17.3	10.2	49.
14.8	45.0	4264.4	607.0	-3.1	-22.4	246.9	17.7	16.3	7.0	311.6	315.0	1.0	20.7	10.8	50.
15.1	46.0	4369.2	599.0	-4.1	-21.5	247.6	17.8	16.4	6.8	311.6	315.2	1.1	24.2	11.0	50.
15.5	47.0	4475.1	591.0	-4.9	-20.0	249.0	18.0	16.8	6.5	311.9	316.1	1.3	29.3	11.4	51.
15.9	48.0	4582.1	583.0	-6.0	-16.6	250.1	18.4	17.3	6.2	312.0	317.5	1.8	42.5	11.9	52.
16.1	49.0	4703.7	574.0	-7.0	-16.5	250.5	18.6	17.5	6.2	312.1	317.8	1.8	46.4	12.1	52.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1730 GMT

153 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.6	50.0	4813.1	566.0	-7.8	-17.2	250.7	19.4	18.3	6.4	312.5	318.0	1.8	46.6	12.6	53.
17.0	51.0	4951.6	556.0	-8.8	-18.2	250.4	20.5	19.3	6.9	312.9	318.0	1.6	46.2	13.0	53.
17.2	52.0	5063.8	548.0	-9.4	-17.2	250.4	21.1	19.9	7.1	313.5	319.2	1.8	52.6	13.3	54.
17.8	53.0	5163.1	541.0	-10.1	-17.6	250.4	22.6	21.3	7.6	313.8	319.4	1.6	54.2	14.1	55.
18.0	54.0	5277.9	533.0	-10.2	-21.3	250.5	22.9	21.6	7.6	314.9	319.1	1.3	39.8	14.3	55.
18.3	55.0	5394.4	525.0	-10.5	-26.7	251.0	23.1	21.8	7.5	315.8	318.5	0.8	24.9	14.8	55.
18.9	56.0	5542.2	515.0	-11.2	-40.2	252.0	23.8	22.6	7.3	316.6	317.4	0.2	6.9	15.5	56.
19.2	57.0	5647.2	508.0	-11.2	-38.1	252.0	24.6	23.4	7.6	317.9	318.9	0.3	8.7	15.9	57.
19.6	58.0	5768.9	500.0	-11.8	-39.1	251.4	26.0	24.6	8.3	318.6	319.5	0.3	8.2	16.5	57.
20.0	59.0	5892.1	492.0	-12.8	-40.5	250.1	27.4	25.8	9.3	318.9	319.7	0.2	7.7	17.1	58.
20.3	60.0	6001.2	485.0	-13.6	-41.0	249.1	28.1	26.2	10.0	319.1	319.9	0.2	7.8	17.7	58.
20.8	61.0	6111.5	478.0	-14.6	-43.1	247.7	29.1	26.9	11.1	319.3	319.9	0.2	6.7	18.5	59.
21.1	62.0	6239.2	470.0	-15.5	-43.6	246.7	29.9	27.5	11.8	319.8	320.4	0.2	6.8	19.0	59.
21.6	63.0	6352.3	463.0	-15.9	-44.7	244.8	31.7	28.6	13.5	320.6	321.2	0.1	6.3	19.9	59.
21.9	64.0	6467.0	456.0	-16.4	-45.9	243.6	32.6	29.2	14.5	321.3	321.8	0.1	5.7	20.5	59.
22.2	65.0	6583.2	449.0	-17.4	-48.5	242.5	32.9	29.2	15.2	321.6	321.9	0.1	4.6	21.1	59.
22.8	66.0	6734.5	440.0	-18.6	-53.5	241.2	32.9	28.8	15.8	321.9	322.1	0.1	2.9	22.3	59.
23.2	67.0	6853.9	433.0	-19.5	-47.8	240.9	32.7	28.6	15.9	322.1	322.6	0.1	6.1	23.1	60.
23.7	68.0	6974.7	426.0	-20.6	-47.6	241.3	32.7	28.7	15.7	322.3	322.7	0.1	6.8	24.1	60.
24.1	69.0	7097.0	419.0	-21.7	-53.2	242.2	32.4	28.6	15.1	322.4	322.7	0.1	3.9	24.9	60.
24.5	70.0	7220.8	412.0	-22.8	-51.5	243.6	31.5	28.2	14.0	322.6	322.9	0.1	5.2	25.6	60.
25.0	71.0	7364.4	404.0	-23.7	-50.3	245.7	30.0	27.4	12.3	323.2	323.6	0.1	6.5	26.6	60.
25.6	72.0	7491.9	397.0	-24.6	-48.9	247.4	30.2	27.9	11.6	323.6	324.1	0.1	8.3	27.6	60.
26.0	73.0	7602.5	391.0	-25.5	-52.5	247.8	31.8	29.4	12.0	323.8	324.1	0.1	6.1	28.3	60.
26.3	74.0	7733.3	384.0	-26.5	-55.7	247.8	32.8	30.4	12.4	324.3	324.5	0.0	4.4	28.9	61.
26.9	75.0	7866.1	377.0	-27.1	-56.0	248.3	33.4	30.9	12.5	325.1	325.3	0.0	4.5	30.2	61.
27.3	76.0	7981.4	371.0	-28.3	-56.7	248.4	33.0	30.7	12.2	325.1	325.2	0.0	4.6	30.9	61.
27.9	77.0	8098.2	365.0	-28.9	-53.7	249.2	33.4	31.2	11.9	325.7	326.0	0.1	7.1	32.0	61.
28.2	78.0	8216.6	359.0	-29.6	-49.3	249.4	33.8	31.6	11.9	326.4	326.8	0.1	12.7	32.6	61.
28.8	79.0	8356.9	352.0	-30.3	-48.2	249.1	33.2	31.0	11.9	327.3	327.9	0.1	15.3	34.0	62.
29.1	80.0	8479.1	346.0	-30.9	-48.7	248.5	32.4	30.2	11.9	328.1	328.6	0.1	15.3	34.6	62.
29.7	81.0	8623.7	339.0	-32.1	-49.7	247.8	32.2	29.8	12.2	328.4	328.8	0.1	15.4	35.6	62.
30.1	82.0	8749.5	333.0	-33.3	-50.3	248.1	33.3	30.9	12.4	328.4	328.9	0.1	16.0	36.3	62.
30.5	83.0	8876.9	327.0	-34.5	-50.3	248.9	34.4	32.1	12.4	328.5	328.9	0.1	18.0	37.3	62.
30.9	84.0	9006.2	321.0	-35.4	-50.5	249.6	34.1	32.0	11.9	329.0	329.4	0.1	19.4	38.1	62.
31.2	85.0	9115.3	316.0	-36.5	-49.5	249.9	33.8	31.7	11.6	329.0	329.5	0.1	24.3	38.6	63.
31.8	86.0	9292.5	308.0	-37.9	-49.9	250.2	33.3	31.4	11.3	329.3	329.8	0.1	26.9	39.8	63.
32.1	87.0	9405.0	303.0	-39.0	-51.2	250.5	33.5	31.6	11.1	329.4	329.8	0.1	25.9	40.4	63.
32.6	88.0	9541.9	297.0	-39.9	-52.5	251.9	34.1	32.4	10.6	329.9	330.3	0.1	24.5	41.4	63.
32.9	89.0	9657.7	292.0	-40.9	99.9	253.2	34.4	33.0	10.0	330.3	999.9	99.9	999.9	42.0	63.
33.3	90.0	9758.6	286.0	-41.9	99.9	254.9	34.7	33.5	9.0	330.9	999.9	99.9	999.9	42.9	63.
33.8	91.0	9917.8	281.0	-43.0	99.9	256.2	35.0	34.0	8.4	331.0	999.9	99.9	999.9	43.9	64.
34.2	92.0	10063.0	275.0	-44.1	99.9	255.9	35.4	34.3	8.6	331.4	999.9	99.9	999.9	44.7	64.
34.6	93.0	10185.8	270.0	-45.5	99.9	254.7	36.0	34.7	9.5	331.1	999.9	99.9	999.9	45.6	64.
35.0	94.0	10310.2	265.0	-46.5	99.9	252.7	37.5	35.8	11.1	331.4	999.9	99.9	999.9	46.4	64.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1730 GMT

153 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.5	95.0	10436.2	260.0	-47.9	99.9	250.5	40.9	38.6	13.7	331.1	999.9	99.9	999.9	47.3	65.
36.0	96.0	10616.1	253.0	-48.5	99.9	249.0	42.0	39.2	15.1	332.9	999.9	99.9	999.9	48.9	65.
36.6	97.0	10747.2	248.0	-49.2	99.9	247.2	39.6	36.5	15.4	333.7	999.9	99.9	999.9	50.4	65.
36.9	98.0	10853.7	244.0	-50.0	99.9	245.9	39.4	36.0	16.1	334.1	999.9	99.9	999.9	50.9	65.
37.2	99.0	10988.7	239.0	-51.0	99.9	244.7	40.2	36.3	17.2	334.5	999.9	99.9	999.9	51.5	65.
37.7	100.0	11126.1	234.0	-51.5	99.9	243.3	41.5	37.1	18.7	335.9	999.9	99.9	999.9	53.0	65.
38.1	101.0	11294.5	228.0	-52.2	99.9	243.0	42.2	37.6	19.2	337.2	999.9	99.9	999.9	54.1	65.
38.7	102.0	11409.0	224.0	-52.7	99.9	243.6	45.5	40.7	20.2	338.2	999.9	99.9	999.9	55.3	65.
39.1	103.0	11554.4	219.0	-53.8	99.9	244.0	48.2	43.3	21.2	338.7	999.9	99.9	999.9	56.6	65.
39.6	104.0	11702.8	214.0	-53.8	99.9	243.6	48.8	43.7	21.7	341.0	999.9	99.9	999.9	58.2	65.
40.0	105.0	11824.0	210.0	-53.9	99.9	242.5	47.9	42.5	22.1	342.6	999.9	99.9	999.9	59.2	65.
40.5	106.0	11978.5	205.0	-54.7	99.9	241.2	49.2	43.1	23.7	343.7	999.9	99.9	999.9	60.5	65.
41.0	107.0	12104.6	201.0	-54.6	99.9	240.6	51.7	45.0	25.4	345.9	999.9	99.9	999.9	62.3	64.
41.5	108.0	12265.4	196.0	-56.0	99.9	240.5	53.1	46.3	26.1	346.1	999.9	99.9	999.9	63.7	64.
42.0	109.0	12396.3	192.0	-56.8	99.9	241.0	54.6	47.7	26.5	346.8	999.9	99.9	999.9	65.5	64.
42.5	110.0	12529.5	188.0	-57.5	99.9	241.7	58.1*	51.2	27.5	347.9	999.9	99.9	999.9	66.8	64.
43.1	111.0	12699.7	183.0	-57.6	99.9	242.3	64.1*	56.7	29.8	350.3	999.9	99.9	999.9	69.2	64.
43.8	112.0	12839.6	179.0	-56.3	99.9	241.9	66.8*	58.9	31.5	354.7	999.9	99.9	999.9	72.0	64.
44.2	113.0	12982.9	175.0	-57.1	99.9	241.2	62.3*	54.6	30.0	355.6	999.9	99.9	999.9	73.8	64.
44.8	114.0	13129.0	171.0	-57.6	99.9	239.9	49.7*	43.0	24.9	357.1	999.9	99.9	999.9	76.1	64.
45.2	115.0	13278.4	167.0	-57.6	99.9	240.2	46.4*	40.2	23.1	359.6	999.9	99.9	999.9	76.8	64.
45.9	116.0	13469.9	162.0	-58.5	99.9	242.2	63.0*	55.8	29.4	361.3	999.9	99.9	999.9	78.7	64.
46.4	117.0	13587.2	159.0	-59.5	99.9	242.5	83.2*	73.8	38.5	361.5	999.9	99.9	999.9	80.4	64.
47.0	118.0	13746.2	155.0	-60.6	99.9	241.8	91.6*	80.7	43.3	362.4	999.9	99.9	999.9	84.9	64.
47.7	119.0	13908.7	151.0	-61.4	99.9	240.4	65.0*	56.5	32.1	363.5	999.9	99.9	999.9	88.2	64.
48.2	120.0	14074.6	147.0	-62.9	99.9	240.7	45.1*	39.4	22.1	363.8	999.9	99.9	999.9	89.6	63.
48.8	121.0	14201.3	144.0	-63.8	99.9	244.3	37.7*	34.0	16.3	364.4	999.9	99.9	999.9	90.6	63.
49.2	122.0	14373.6	140.0	-64.8	99.9	245.6	43.5*	39.6	18.0	365.6	999.9	99.9	999.9	91.4	64.
49.9	123.0	14550.6	136.0	-64.8	99.9	245.3	59.8*	54.3	25.1	368.7	999.9	99.9	999.9	93.4	64.
50.3	124.0	14686.6	133.0	-65.2	99.9	245.5	60.6*	55.2	25.2	370.3	999.9	99.9	999.9	95.6	64.
51.0	125.0	14825.3	130.0	-66.0	99.9	246.6	51.6*	47.3	20.4	371.4	999.9	99.9	999.9	97.4	64.
51.8	126.0	15063.6	125.0	-65.4	99.9	246.2	53.9*	49.3	21.8	376.6	999.9	99.9	999.9	100.0	64.
52.4	127.0	15211.5	122.0	-65.4	99.9	244.1	78.0*	70.2	34.1	379.2	999.9	99.9	999.9	101.8	64.
53.1	128.0	15362.8	119.0	-66.0	99.9	999.9	99.9	99.9	99.9	380.9	999.9	99.9	999.9	999.9	999.
53.9	129.0	15518.1	116.0	-65.0	99.9	999.9	99.9	99.9	99.9	385.5	999.9	99.9	999.9	999.9	999.
54.6	130.0	15677.9	113.0	-65.0	99.9	999.9	99.9	99.9	99.9	388.4	999.9	99.9	999.9	999.9	999.
55.3	131.0	15857.4	109.0	-65.4	99.9	999.9	99.9	99.9	99.9	391.7	999.9	99.9	999.9	999.9	999.
56.0	132.0	16124.3	105.0	-66.6	99.9	999.9	99.9	99.9	99.9	393.6	999.9	99.9	999.9	999.9	999.
56.6	133.0	16299.7	102.0	-66.8	99.9	999.9	99.9	99.9	99.9	396.5	999.9	99.9	999.9	999.9	999.
57.1	134.0	16479.8	99.0	-67.6	99.9	999.9	99.9	99.9	99.9	398.3	999.9	99.9	999.9	999.9	999.
57.7	135.0	16664.6	96.0	-68.6	99.9	999.9	99.9	99.9	99.9	399.8	999.9	99.9	999.9	999.9	999.
58.4	136.0	16853.9	93.0	-70.6	99.9	999.9	99.9	99.9	99.9	399.6	999.9	99.9	999.9	999.9	999.
59.2	137.0	17114.4	89.0	-71.2	99.9	999.9	99.9	99.9	99.9	403.3	999.9	99.9	999.9	999.9	999.
60.1	138.0	17316.3	86.0	-72.9	99.9	999.9	99.9	99.9	99.9	404.0	999.9	99.9	999.9	999.9	999.
61.0	139.0	17595.9	82.0	-72.6	99.9	999.9	99.9	99.9	99.9	410.1	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
1730 GMT

153 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.0	140.0	17815.5	79.0	-71.5	99.9	999.9	99.9	99.9	99.9	416.8	999.9	99.9	999.9	999.9	999.
63.0	141.0	18122.4	75.0	-71.5	99.9	999.9	99.9	99.9	99.9	423.1	999.9	99.9	999.9	999.9	999.
64.0	142.0	18363.9	72.0	-71.0	99.9	999.9	99.9	99.9	99.9	429.0	999.9	99.9	999.9	999.9	999.
65.1	143.0	18616.7	69.0	-69.7	99.9	999.9	99.9	99.9	99.9	437.1	999.9	99.9	999.9	999.9	999.
66.1	144.0	18973.5	65.0	-68.6	99.9	999.9	99.9	99.9	99.9	447.0	999.9	99.9	999.9	999.9	999.
67.0	145.0	19256.3	62.0	-69.0	99.9	999.9	99.9	99.9	99.9	452.1	999.9	99.9	999.9	999.9	999.
68.0	146.0	19555.0	59.0	-66.2	99.9	999.9	99.9	99.9	99.9	465.1	999.9	99.9	999.9	999.9	999.
69.2	147.0	19872.4	56.0	-64.8	99.9	99.9	9.5	-7.2	-6.2	475.2	999.9	99.9	999.9	133.7	63.
70.3	148.0	20325.9	52.0	-63.6	99.9	244.8	8.6*	7.8	3.7	488.0	999.9	99.9	999.9	132.5	63.
71.6	149.0	20690.3	49.0	-64.0	99.9	259.5	14.3*	14.1	2.6	495.5	999.9	99.9	999.9	134.5	63.
72.9	150.0	21079.8	46.0	-61.3	99.9	262.7	19.9*	19.7	2.5	511.2	999.9	99.9	999.9	135.7	63.
74.3	151.0	21500.5	43.0	-59.2	99.9	258.1	27.4*	26.8	5.7	526.3	999.9	99.9	999.9	137.4	64.
75.8	152.0	22112.2	39.0	-59.3	99.9	259.3	27.5*	27.0	5.1	540.8	999.9	99.9	999.9	140.4	64.
77.0	153.0	22615.3	36.0	-57.8	99.9	284.0	6.8*	6.6	-1.6	557.2	999.9	99.9	999.9	141.8	64.
78.9	154.0	23164.2	33.0	-57.8	99.9	250.7	40.1*	37.9	13.3	571.3	999.9	99.9	999.9	142.4	64.
80.7	155.0	23766.5	30.0	-57.0	99.9	251.2	35.7*	33.8	11.5	589.3	999.9	99.9	999.9	147.1	64.
82.4	156.0	24432.9	27.0	-57.5	99.9	272.0	17.7*	17.7	-0.6	606.0	999.9	99.9	999.9	150.9	65.
84.7	157.0	25444.7	23.0	-58.0	99.9	999.9	99.9	99.9	99.9	632.9	999.9	99.9	999.9	999.9	999.

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
2030 GMT

152 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CGMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	8.0	1010.6	22.9	18.7	215.0	7.2	4.1	5.9	297.0	332.4	13.5	77.0	0.0	0.
0.2	6.0	100.2	1000.0	23.1	17.9	214.6	13.0	7.4	10.7	298.1	332.5	13.1	72.6	0.3	32.
0.6	7.0	196.8	989.0	22.2	18.0	215.4	13.1	7.6	10.7	298.1	333.1	13.3	77.0	0.4	32.
0.9	8.0	294.1	978.0	20.9	16.7	217.4	13.4	8.1	10.6	297.6	330.0	12.3	76.6	0.7	33.
1.2	9.0	393.1	968.0	20.0	16.5	219.0	14.1	8.9	11.0	297.6	330.1	12.3	80.0	0.9	35.
1.6	10.0	481.9	957.0	19.4	14.3	220.1	15.5	10.0	11.9	297.7	326.3	10.8	72.1	1.3	36.
2.0	11.0	608.9	943.0	19.2	12.7	220.0	17.0	11.0	13.0	298.6	325.0	9.9	66.1	1.6	37.
2.3	12.0	700.6	933.0	18.4	11.5	220.2	16.4	10.6	12.5	298.6	323.3	9.2	64.3	2.0	38.
2.7	13.0	802.4	922.0	18.1	11.7	221.7	15.4	10.3	11.5	299.4	324.8	9.4	66.1	2.3	38.
3.0	14.0	895.8	912.0	17.3	10.6	223.9	14.6	10.1	10.5	299.4	323.6	9.0	65.3	2.6	38.
3.3	15.0	999.5	901.0	16.5	11.2	228.6	13.8	10.4	9.2	299.7	324.9	9.4	71.0	2.9	39.
3.9	16.0	1123.4	888.0	15.9	11.9	234.2	13.3	10.8	7.8	300.4	327.2	9.9	77.2	3.3	41.
4.2	17.0	1219.7	878.0	15.3	10.9	234.2	14.6	11.8	8.5	300.6	326.0	9.4	74.8	3.6	42.
4.6	18.0	1326.6	867.0	14.3	10.8	233.6	16.6	13.4	9.8	300.7	326.3	9.4	79.3	3.9	43.
4.9	19.0	1424.7	857.0	13.5	9.8	234.2	16.7	13.5	9.7	300.8	325.2	9.0	78.3	4.3	44.
5.2	20.0	1523.7	847.0	13.0	10.0	233.9	15.6	12.6	9.2	301.2	326.1	9.2	82.2	4.5	45.
5.8	21.0	1643.8	835.0	12.2	10.5	231.4	14.4	11.2	9.0	301.7	327.8	9.6	89.1	5.0	45.
6.1	22.0	1744.9	825.0	11.1	10.2	230.8	15.2	11.8	8.6	301.6	327.4	9.5	94.0	5.3	46.
6.6	23.0	1846.8	815.0	10.2	9.2	232.1	17.7	14.0	10.9	301.6	326.2	9.1	94.1	5.8	46.
6.9	24.0	1949.7	805.0	9.4	8.4	232.2	17.9	14.2	11.0	301.8	325.5	8.7	93.5	6.1	47.
7.2	25.0	2053.5	795.0	8.5	7.6	231.2	17.6	13.7	11.0	301.9	324.5	8.3	93.7	6.5	47.
7.8	26.0	2179.6	783.0	8.2	7.4	228.7	16.9	12.7	11.2	302.8	325.5	8.3	94.6	7.1	47.
8.2	27.0	2286.1	773.0	8.7	4.9	228.1	16.9	12.6	11.3	304.3	324.1	7.1	77.2	7.5	47.
8.6	28.0	2383.1	764.0	8.2	4.1	228.5	17.2	12.9	11.4	304.7	323.7	6.8	75.5	7.8	47.
9.0	29.0	2491.9	754.0	7.1	3.6	229.8	17.8	13.6	11.5	304.7	323.2	6.6	78.1	8.2	47.
9.3	30.0	2601.7	744.0	6.2	3.4	231.6	17.9	14.0	11.1	304.9	323.4	6.6	81.8	8.6	47.
9.8	31.0	2701.5	735.0	5.2	3.4	234.8	17.6	14.4	10.1	304.8	323.6	6.7	88.1	9.2	48.
10.1	32.0	2813.5	725.0	4.5	2.7	236.7	17.2	14.4	9.5	305.2	323.4	6.4	87.8	9.5	48.
10.4	33.0	2915.3	716.0	3.5	1.7	238.4	16.9	14.4	8.9	305.2	322.3	6.1	87.8	9.8	48.
10.8	34.0	3018.1	707.0	3.0	0.7	240.2	16.9	14.7	8.4	305.7	321.9	5.7	84.9	10.1	49.
11.1	35.0	3121.9	698.0	1.9	0.0	241.6	17.2	15.1	8.2	305.5	321.2	5.5	87.6	10.4	49.
11.6	36.0	3250.1	687.0	1.4	-0.0	244.5	18.0	16.2	7.8	306.3	322.3	5.6	90.5	10.9	50.
11.9	37.0	3368.1	677.0	0.1	-1.4	246.2	18.5	16.9	7.5	306.1	320.7	5.1	89.5	11.3	50.
12.2	38.0	3463.5	669.0	-0.4	-2.3	247.2	18.8	17.3	7.3	306.6	320.5	4.8	86.8	11.6	51.
12.6	39.0	3571.8	660.0	-0.7	-13.0	248.1	19.0	17.7	7.1	307.1	313.5	2.1	38.7	12.0	51.
12.9	40.0	3681.4	651.0	-1.5	-10.5	248.9	19.1	17.8	6.9	307.4	315.3	2.6	50.1	12.4	52.
13.2	41.0	3817.0	640.0	-2.4	-10.3	251.1	19.3	18.3	6.3	307.9	316.1	2.7	54.6	12.7	52.
13.7	42.0	3916.7	632.0	-3.2	-11.0	255.7	20.0	19.4	4.9	308.1	316.0	2.6	55.0	13.2	53.
14.0	43.0	4030.1	623.0	-4.3	-10.2	258.3	20.7	20.3	4.2	308.2	316.6	2.8	63.3	13.6	54.
14.4	44.0	4131.9	615.0	-5.2	-9.7	258.1	21.5	21.0	4.4	308.3	317.2	3.0	70.7	14.0	55.
14.9	45.0	4247.8	606.0	-5.1	-8.9	255.3	22.3	21.6	5.7	309.8	319.4	3.2	74.3	14.6	56.
15.2	46.0	4365.6	597.0	-5.1	-7.9	253.3	22.7	21.7	6.5	311.1	321.7	3.5	80.4	15.0	56.
15.7	47.0	4471.6	589.0	-5.5	-12.1	250.8	23.3	22.0	7.7	311.7	319.5	2.6	59.7	15.7	57.
16.1	48.0	4578.8	581.0	-6.5	-13.0	249.8	23.0	22.3	8.2	311.7	319.1	2.4	60.2	16.2	57.
16.5	49.0	4700.7	572.0	-7.3	-13.5	249.8	24.1	22.6	8.3	312.2	319.4	2.4	60.9	16.8	58.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
2030 GMT

152 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PNT T DG K	E PNT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.9	50.0	4810.4	564.0	-7.7	-15.0	249.8	23.7	22.2	8.2	312.9	319.5	2.1	55.9	17.4	58.
17.4	51.0	4935.5	555.0	-8.2	-17.0	249.0	23.4	21.9	8.4	313.8	319.5	1.8	48.7	18.1	59.
17.9	52.0	5048.3	547.0	-8.5	-17.2	247.0	24.5	22.6	9.6	314.7	320.5	1.8	49.3	18.7	59.
18.2	53.0	5162.5	539.0	-9.2	-17.8	245.7	25.5	23.2	10.5	315.2	320.7	1.7	49.3	19.1	59.
18.8	54.0	5292.7	530.0	-9.8	-18.2	243.8	26.6	23.8	11.7	316.0	321.5	1.7	50.2	20.2	59.
19.1	55.0	5410.0	522.0	-10.5	-20.2	243.2	26.5	23.6	12.0	316.5	321.2	1.5	44.7	20.7	59.
19.7	56.0	5543.8	513.0	-10.8	-27.5	242.5	25.9	23.0	12.0	317.6	320.2	0.8	23.7	21.5	60.
20.1	57.0	5664.4	505.0	-11.9	-28.6	242.4	25.9	22.9	12.0	317.7	320.0	0.7	23.4	22.2	60.
20.4	58.0	5771.0	498.0	-13.0	-29.2	242.7	26.0	23.1	11.9	317.5	319.8	0.7	24.3	22.7	60.
20.9	59.0	5894.3	490.0	-13.7	-24.1	244.6	26.4	23.9	11.3	318.2	321.8	1.1	40.9	23.4	60.
21.2	60.0	6003.5	483.0	-14.9	-19.6	246.4	26.7	24.5	10.7	319.2	323.6	1.7	66.7	23.9	60.
21.6	61.0	6129.8	475.0	-15.7	-18.0	249.0	26.8	25.0	9.6	318.8	325.0	1.9	82.1	24.6	60.
21.9	62.0	6241.7	468.0	-16.5	-18.0	251.2	26.4	25.0	8.5	319.1	325.4	2.0	88.3	25.1	60.
22.2	63.0	6354.9	461.0	-17.3	-19.7	253.5	25.9	24.8	7.3	319.4	325.3	1.8	86.1	25.5	60.
22.7	64.0	6469.5	454.0	-18.0	-20.1	257.2	25.0	24.4	5.5	319.9	325.5	1.7	83.9	26.2	61.
23.0	65.0	6602.3	446.0	-18.8	-22.2	259.3	24.7	24.3	4.6	320.5	325.2	1.4	74.6	26.8	61.
23.4	66.0	6737.1	438.0	-19.4	-23.8	261.2	24.8	24.5	3.8	321.5	325.7	1.3	67.9	27.1	62.
23.8	67.0	6856.8	431.0	-20.2	-24.6	261.9	25.2	25.0	3.5	321.9	325.8	1.2	66.4	27.8	62.
24.1	68.0	6977.9	424.0	-21.3	-25.6	262.1	25.7	25.5	3.5	322.0	325.8	1.1	67.8	28.2	62.
24.6	69.0	7100.6	417.0	-22.2	-26.8	262.0	26.2	26.0	2.6	322.3	325.8	1.0	66.1	28.9	63.
24.9	70.0	7224.9	410.0	-23.1	-27.2	262.3	26.1	25.8	3.5	322.7	326.1	1.0	69.3	29.5	63.
25.3	71.0	7369.0	402.0	-24.1	-27.5	262.7	25.3	25.1	3.2	323.3	326.7	1.0	73.0	30.0	64.
25.9	72.0	7497.1	395.0	-24.6	-28.4	262.4	23.5	23.3	3.1	324.2	327.4	0.9	70.2	30.8	64.
26.2	73.0	7608.5	389.0	-25.1	-32.6	262.1	22.7	22.5	3.1	324.9	327.1	0.6	49.5	31.2	64.
26.7	74.0	7740.3	382.0	-25.7	-33.6	262.1	22.0	21.8	3.0	325.9	327.9	0.6	46.3	31.9	65.
27.1	75.0	7874.2	375.0	-26.6	-34.5	262.7	22.5	22.3	2.9	326.4	328.3	0.5	47.0	32.3	65.
27.6	76.0	7990.4	369.0	-27.6	-35.2	263.0	24.5	24.4	3.0	326.5	328.3	0.5	47.6	32.9	65.
28.0	77.0	8108.2	363.0	-28.2	-37.7	263.1	26.3	26.1	3.2	327.3	328.9	0.4	41.8	33.6	66.
28.5	78.0	8247.7	356.0	-29.2	-38.8	264.1	27.1	27.0	2.8	327.7	329.0	0.4	38.7	34.4	66.
28.9	79.0	8368.9	350.0	-30.4	-39.9	265.3	27.7	27.6	2.3	327.7	328.9	0.3	38.8	34.9	66.
29.2	80.0	8491.5	344.0	-31.6	-41.0	265.8	28.4	28.4	2.1	327.7	328.8	0.3	38.8	35.4	67.
29.9	81.0	8636.7	337.0	-32.7	-42.2	266.2	30.6	30.6	2.0	328.2	329.2	0.3	37.5	36.6	67.
30.2	82.0	8763.0	331.0	-33.5	-43.1	266.9	31.4	31.4	1.7	328.8	329.7	0.2	36.9	37.1	68.
30.8	83.0	8912.7	324.0	-34.8	-43.7	268.7	32.2	32.2	0.7	328.9	329.8	0.2	39.3	38.3	68.
31.1	84.0	9021.0	319.0	-36.0	-44.8	269.3	32.1	32.1	0.4	328.7	329.5	0.2	39.6	38.8	69.
31.6	85.0	9152.6	313.0	-37.1	-44.6	269.1	31.0	31.0	0.5	329.0	329.8	0.2	44.9	39.7	69.
32.0	86.0	9321.1	305.0	-38.5	-45.4	268.8	29.7	29.7	0.6	329.5	330.3	0.2	47.5	40.4	69.
32.5	87.0	9444.6	300.0	-39.3	-45.9	268.7	28.1	28.1	0.6	329.9	330.7	0.2	49.1	41.2	70.
32.9	88.0	9582.6	294.0	-40.4	99.9	267.5	27.6	27.5	1.2	330.4	999.9	99.9	999.9	41.8	70.
33.2	89.0	9659.3	289.0	-41.5	99.9	265.9	27.7	27.6	2.0	330.4	999.9	99.9	999.9	42.3	70.
33.7	90.0	9841.3	283.0	-42.6	99.9	262.8	28.3	28.0	3.6	330.8	999.9	99.9	999.9	43.1	71.
34.1	91.0	9961.4	278.0	-43.7	99.9	260.5	28.5	28.1	4.7	330.9	999.9	99.9	999.9	43.8	71.
34.5	92.0	10107.7	272.0	-44.9	99.9	258.7	28.0	27.4	5.5	331.3	999.9	99.9	999.9	44.4	71.
34.9	93.0	10231.4	267.0	-46.0	99.9	256.9	27.3	26.6	6.2	331.4	999.9	99.9	999.9	45.2	71.
35.5	94.0	10356.8	262.0	-47.3	99.9	254.0	27.5	26.5	7.6	331.2	999.9	99.9	999.9	45.9	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
2030 GMT

152 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.8	95.0	10509.6	256.0	-48.7	99.9	252.8	27.7	26.5	8.2	331.5	999.9	99.9	999.9	46.6	71.
36.4	96.0	10665.2	250.0	-49.7	99.9	251.4	28.0	26.6	8.9	332.1	999.9	99.9	999.9	47.6	71.
37.0	97.0	10757.0	245.0	-51.0	99.9	251.1	30.1	28.5	9.8	332.2	999.9	99.9	999.9	48.5	71.
37.5	98.0	10931.0	240.0	-51.7	99.9	251.3	33.6	31.8	10.8	333.0	999.9	99.9	999.9	49.5	71.
38.0	99.0	11067.3	235.0	-52.5	99.9	251.7	37.1	35.2	11.6	333.9	999.9	99.9	999.9	50.6	71.
38.3	100.0	11178.0	231.0	-53.6	99.9	251.9	38.6	36.6	12.0	333.8	999.9	99.9	999.9	51.2	71.
39.0	101.0	11346.7	225.0	-54.9	99.9	251.7	40.1	38.1	12.6	334.4	999.9	99.9	999.9	53.1	71.
39.6	102.0	11490.0	220.0	-55.9	99.9	250.2	42.0	39.5	14.2	335.0	999.9	99.9	999.9	54.3	71.
40.0	103.0	11636.2	215.0	-56.2	99.9	248.3	44.9	41.7	16.6	336.7	999.9	99.9	999.9	55.4	71.
40.6	104.0	11755.6	211.0	-55.9	99.9	244.0	46.9	42.1	20.6	339.0	999.9	99.9	999.9	57.2	71.
41.0	105.0	11908.2	206.0	-55.9	99.9	241.1	46.4	40.6	22.4	341.3	999.9	99.9	999.9	58.6	71.
41.5	106.0	12033.1	202.0	-55.4	99.9	239.2	49.6	42.6	25.4	344.1	999.9	99.9	999.9	59.2	71.
41.9	107.0	12160.5	198.0	-55.9	99.9	238.8	55.0	47.0	28.5	345.2	999.9	99.9	999.9	60.7	70.
42.3	108.0	12323.0	193.0	-56.7	99.9	238.2	56.8	48.3	29.9	346.4	999.9	99.9	999.9	62.2	70.
42.9	109.0	12455.5	189.0	-57.6	99.9	237.5	52.5	44.2	29.2	347.1	999.9	99.9	999.9	64.5	70.
43.2	110.0	12590.4	185.0	-58.1	99.9	237.7	50.1	42.3	26.7	348.4	999.9	99.9	999.9	65.2	69.
43.9	111.0	12762.7	180.0	-58.8	99.9	240.0	51.3*	44.4	25.7	350.0	999.9	99.9	999.9	67.1	69.
44.7	112.0	12904.2	176.0	-57.6	99.9	240.5	58.2*	50.7	28.6	354.3	999.9	99.9	999.9	69.6	69.
45.2	113.0	13049.1	172.0	-58.1	99.9	240.0	57.6*	49.9	28.7	355.8	999.9	99.9	999.9	71.7	69.
45.9	114.0	13197.2	168.0	-58.6	99.9	240.3	58.5*	50.8	28.9	357.3	999.9	99.9	999.9	73.6	68.
46.5	115.0	13348.6	164.0	-58.6	99.9	240.5	67.3*	58.6	31.1	359.8	999.9	99.9	999.9	76.0	68.
47.0	116.0	13542.8	159.0	-59.3	99.9	240.0	70.1*	60.7	35.1	361.8	999.9	99.9	999.9	77.8	68.
47.7	117.0	13701.9	155.0	-60.8	99.9	239.3	54.1*	46.6	27.6	362.0	999.9	99.9	999.9	81.2	68.
48.1	118.0	13823.1	152.0	-62.1	99.9	239.5	42.8*	36.9	21.7	361.8	999.9	99.9	999.9	82.0	67.
48.8	119.0	13987.6	148.0	-63.0	99.9	242.6	45.4*	40.3	20.9	362.9	999.9	99.9	999.9	83.3	67.
49.2	120.0	14155.8	144.0	-64.0	99.9	243.9	63.9*	57.4	28.2	364.1	999.9	99.9	999.9	83.9	67.
50.0	121.0	14284.4	141.0	-65.4	99.9	244.3	97.2*	87.6	42.1	363.9	999.9	99.9	999.9	89.0	67.
50.6	122.0	14459.2	137.0	-66.2	99.9	243.9	70.5*	63.4	31.0	365.5	999.9	99.9	999.9	93.0	67.
51.1	123.0	14593.2	134.0	-67.0	99.9	244.4	43.4*	39.1	18.7	366.3	999.9	99.9	999.9	93.8	67.
51.9	124.0	14776.0	130.0	-67.4	99.9	249.2	36.8*	34.4	13.0	368.7	999.9	99.9	999.9	95.0	67.
52.5	125.0	14916.5	127.0	-67.9	99.9	250.4	45.3*	42.7	15.2	370.4	999.9	99.9	999.9	96.9	67.
53.1	126.0	15109.0	123.0	-67.9	99.9	250.0	51.3*	48.2	17.6	373.8	999.9	99.9	999.9	98.3	67.
53.9	127.0	15307.8	119.0	-67.9	99.9	248.7	46.0*	42.9	16.7	377.4	999.9	99.9	999.9	101.3	67.
54.5	128.0	15461.3	116.0	-67.9	99.9	249.0	34.6*	32.3	12.4	380.2	999.9	99.9	999.9	102.5	67.
55.1	129.0	15619.0	113.0	-67.6	99.9	250.9	30.6*	28.9	10.0	383.4	999.9	99.9	999.9	103.5	67.
55.8	130.0	15836.0	109.0	-67.4	99.9	250.7	34.7*	32.8	11.5	387.8	999.9	99.9	999.9	104.8	67.
56.6	131.0	16060.9	105.0	-68.3	99.9	251.8	42.7*	40.6	13.3	390.3	999.9	99.9	999.9	106.5	67.
57.2	132.0	16234.5	102.0	-68.9	99.9	252.9	42.3*	40.4	12.4	392.3	999.9	99.9	999.9	108.6	67.
57.9	133.0	16413.0	99.0	-69.2	99.9	251.9	42.1*	40.0	13.1	395.3	999.9	99.9	999.9	109.7	67.
58.6	134.0	16596.4	96.0	-70.3	99.9	248.2	36.3*	33.7	13.5	396.6	999.9	99.9	999.9	112.2	68.
59.1	135.0	16784.3	93.0	-71.9	99.9	242.4	27.9*	24.7	12.9	397.0	999.9	99.9	999.9	113.0	68.
59.9	136.0	17043.1	89.0	-72.4	99.9	240.9	36.4*	31.8	17.7	401.0	999.9	99.9	999.9	113.6	67.
60.8	137.0	17244.3	86.0	-73.4	99.9	244.8	58.5*	52.9	24.9	403.0	999.9	99.9	999.9	116.3	67.
61.8	138.0	17523.5	82.0	-72.6	99.9	247.9	47.4*	43.9	17.8	410.0	999.9	99.9	999.9	120.7	67.
62.8	139.0	17742.4	79.0	-72.6	99.9	246.0	29.9*	27.3	12.2	414.4	999.9	99.9	999.9	122.2	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
2030 GMT

152 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.7	140.0	18049.4	75.0	-70.3	99.9	241.9	18.9*	16.7	8.9	425.6	999.9	99.9	999.9	124.0	67.
64.8	141.0	18291.8	72.0	-70.5	99.9	208.3	8.5*	4.0	7.5	430.1	999.9	99.9	999.9	124.3	67.
65.8	142.0	18631.1	68.0	-70.5	99.9	219.2	7.3*	4.6	5.7	437.2	999.9	99.9	999.9	124.9	67.
66.9	143.0	18901.9	65.0	-66.0	99.9	258.7	3.6*	3.5	0.7	452.8	999.9	99.9	999.9	125.3	67.
68.1	144.0	19189.7	62.0	-64.6	99.9	261.2	23.9*	23.6	3.6	462.0	999.9	99.9	999.9	125.7	67.
69.3	145.0	19595.4	58.0	-66.4	99.9	257.6	27.6*	27.0	5.9	466.8	999.9	99.9	999.9	128.0	67.
70.8	146.0	19917.3	55.0	-66.0	99.9	273.3	11.7*	11.6	-0.7	474.9	999.9	99.9	999.9	129.3	67.
72.1	147.0	20259.7	52.0	-63.6	99.9	256.9	43.8*	42.7	9.9	488.2	999.9	99.9	999.9	131.1	68.
73.6	148.0	20751.0	49.0	-63.6	99.9	253.6	16.7*	16.0	4.7	499.5	999.9	99.9	999.9	134.9	68.
75.0	149.0	21149.8	45.0	-61.9	99.9	262.3	20.1*	20.0	2.7	512.9	999.9	99.9	999.9	136.1	68.
76.5	150.0	21577.6	42.0	-60.0	99.9	256.9	26.4*	25.7	6.0	527.7	999.9	99.9	999.9	137.2	68.
78.1	151.0	22202.4	38.0	-60.0	99.9	253.9	33.3*	32.0	9.2	543.0	999.9	99.9	999.9	140.9	68.
79.9	152.0	22715.5	35.0	-60.2	99.9	259.0	19.1*	18.7	3.6	555.4	999.9	99.9	999.9	143.9	68.
81.9	153.0	23274.6	32.0	-60.0	99.9	236.8	7.4*	6.2	4.0	570.3	999.9	99.9	999.9	145.8	69.
83.6	154.0	24108.5	28.0	-59.9	99.9	286.9	3.4*	3.3	-1.0	593.0	999.9	99.9	999.9	147.1	68.
85.9	155.0	24818.8	25.0	-58.5	99.9	257.6	30.1*	29.4	6.4	616.6	999.9	99.9	999.9	148.5	69.
88.2	156.0	25623.4	22.0	-58.1	99.9	999.9	99.9	99.9	99.9	640.6	999.9	99.9	999.9	999.9	999.



STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
2315 GMT

118 123. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	8.0	1012.1	18.0	17.5	340.0	4.1	1.4	-3.9	291.8	324.1	12.6	97.0	0.0	0.
0.3	6.0	111.3	1000.0	18.0	17.7	221.7	9.8	6.5	7.3	292.9	326.0	12.9	98.3	0.4	157.
0.6	7.0	215.1	988.0	18.2	18.1	225.6	9.3	6.7	6.5	294.1	328.8	13.4	99.6	0.3	148.
1.0	8.0	320.1	976.0	17.4	17.3	245.6	8.0	7.3	3.3	294.2	327.5	12.9	99.5	0.4	108.
1.3	9.0	426.1	964.0	16.9	16.9	256.1	7.6	7.4	1.8	294.8	327.8	12.7	99.5	0.5	105.
1.5	10.0	533.4	952.0	17.2	17.1	263.6	7.5	7.5	0.8	296.1	330.1	13.0	99.5	0.6	103.
1.9	11.0	660.3	938.0	16.7	16.7	256.4	8.8	8.6	2.1	297.0	330.6	12.9	99.4	0.7	96.
2.2	12.0	770.3	926.0	16.1	16.0	255.3	9.8	9.5	2.5	297.4	330.2	12.5	99.3	0.9	92.
2.5	13.0	872.2	915.0	15.7	15.6	255.9	10.8	10.5	2.6	297.9	330.4	12.3	99.3	1.1	89.
2.8	14.0	984.6	903.0	14.9	14.8	251.5	11.5	10.9	3.7	298.2	329.6	11.9	99.5	1.3	87.
3.1	15.0	1088.6	892.0	14.3	14.1	248.2	12.0	11.2	4.5	298.5	328.9	11.4	98.5	1.5	85.
3.6	16.0	1222.3	878.0	12.8	12.4	244.6	11.9	10.7	5.1	298.1	325.7	10.4	97.5	1.9	81.
4.1	17.0	1328.4	867.0	11.8	10.8	240.8	11.6	10.1	5.7	298.1	323.3	9.4	93.5	2.2	78.
4.6	18.0	1435.3	856.0	11.0	6.9	234.3	12.2	9.9	7.1	298.1	317.9	7.3	75.5	2.5	75.
5.1	19.0	1553.4	844.0	11.2	6.2	225.9	12.0	8.6	8.3	299.5	318.9	7.1	71.4	2.9	72.
5.6	20.0	1653.0	834.0	10.9	6.0	223.1	12.5	8.6	9.1	300.1	319.4	7.1	71.9	3.2	69.
6.1	21.0	1784.1	821.0	10.1	5.4	222.3	12.8	8.6	9.5	300.6	319.5	6.9	72.3	3.5	66.
6.6	22.0	1896.3	810.0	9.4	5.3	220.0	12.8	9.2	9.8	301.0	320.0	6.9	75.5	3.9	64.
7.1	23.0	2009.8	799.0	8.5	4.7	221.1	13.5	8.9	10.2	301.2	319.8	6.7	77.3	4.2	62.
7.5	24.0	2124.4	788.0	7.7	4.1	221.4	14.3	9.5	10.7	301.6	319.6	6.5	77.5	4.6	60.
8.0	25.0	2229.8	778.0	7.2	3.0	221.8	15.2	10.2	11.4	302.0	319.1	6.1	74.6	5.0	59.
8.5	26.0	2368.6	765.0	6.9	2.3	223.0	15.7	10.7	11.5	303.1	319.7	5.9	72.5	5.4	57.
8.9	27.0	2476.8	755.0	6.3	2.6	225.9	15.9	11.4	11.1	303.7	320.9	6.1	77.1	5.8	56.
9.5	28.0	2586.2	745.0	5.3	2.7	232.7	16.5	13.1	10.0	303.7	321.3	6.3	83.5	6.3	55.
9.9	29.0	2707.7	734.0	4.1	2.7	237.9	17.3	14.7	9.2	303.7	321.5	6.4	90.6	6.8	55.
10.4	30.0	2819.4	724.0	3.7	2.5	242.6	18.2	16.1	8.4	304.5	322.4	6.4	91.4	7.3	56.
10.8	31.0	2921.1	715.0	2.9	1.7	244.9	18.3	16.5	7.7	304.6	321.8	6.1	91.8	7.8	57.
11.2	32.0	3046.7	704.0	1.7	1.4	246.8	18.0	16.5	7.1	304.7	321.7	6.0	97.6	8.2	57.
11.7	33.0	3162.1	694.0	1.1	0.7	249.5	17.6	16.5	6.2	305.2	321.7	5.8	97.5	8.7	58.
12.2	34.0	3267.2	685.0	0.4	0.1	252.4	17.9	17.1	5.4	305.6	321.6	5.6	97.4	9.2	58.
12.5	35.0	3385.3	675.0	-0.2	-0.6	254.0	18.3	17.6	5.1	306.1	321.7	5.5	97.3	9.6	59.
13.1	36.0	3529.0	663.0	-0.8	-1.2	257.1	20.1	19.5	4.5	306.9	322.1	5.3	97.2	10.1	60.
13.4	37.0	3638.3	654.0	-1.2	-1.6	258.9	21.0	20.6	4.0	307.8	322.9	5.2	97.1	10.6	61.
13.8	38.0	3748.9	645.0	-1.8	-2.2	261.3	22.3	22.0	3.4	308.2	322.9	5.1	97.0	11.0	61.
14.2	39.0	3860.9	636.0	-2.3	-2.7	263.2	23.5	23.3	2.8	308.9	323.3	5.0	97.0	11.5	62.
14.5	40.0	3986.9	626.0	-2.7	-4.4	264.4	24.4	24.2	2.4	309.7	322.7	4.4	88.4	12.0	63.
15.1	41.0	4127.1	615.0	-4.6	-6.7	265.6	25.6	25.6	2.0	309.1	320.2	3.8	84.8	12.8	65.
15.5	42.0	4243.5	606.0	-4.1	-7.0	265.7	26.2	26.1	2.0	310.9	322.0	3.7	80.2	13.4	66.
15.8	43.0	4361.4	597.0	-5.3	-9.5	264.8	26.4	26.3	2.4	310.8	320.2	3.1	72.6	13.8	66.
16.3	44.0	4480.4	588.0	-6.7	-9.4	262.9	27.0	26.8	3.3	310.5	320.1	3.2	81.2	14.6	67.
16.7	45.0	4601.2	579.0	-6.2	-8.7	261.8	27.5	27.2	3.9	312.5	322.8	3.4	82.7	15.2	68.
17.1	46.0	4723.6	570.0	-7.3	-9.6	261.7	28.0	27.7	4.0	312.6	322.4	3.2	83.6	15.9	69.
17.5	47.0	4847.8	561.0	-7.6	-10.0	262.9	28.4	28.2	3.5	313.7	323.4	3.2	82.9	16.6	69.
17.9	48.0	4959.5	553.0	-8.5	-11.6	266.0	28.6	28.5	2.0	313.9	322.6	2.9	78.2	17.2	70.
18.2	49.0	5086.7	544.0	-9.5	-11.8	269.0	28.7	28.7	0.5	314.1	322.8	2.8	82.9	17.7	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
2315 GMT

118 123. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.5	50.0	5230.0	534.0	-10.2	-13.0	272.4	28.0	28.7	-1.2	314.9	323.0	2.6	80.0	18.3	70.
19.0	51.0	5346.2	526.0	-11.5	-14.7	276.9	29.2	29.0	-3.5	314.7	321.9	2.3	76.8	18.9	72.
19.4	52.0	5478.4	517.0	-12.5	-15.1	278.9	29.2	28.8	-4.5	315.0	322.2	2.3	80.7	19.6	73.
19.9	53.0	5597.5	509.0	-13.1	-15.3	281.2	27.9	27.4	-5.4	315.8	322.9	2.3	83.2	20.5	74.
20.4	54.0	5718.0	501.0	-14.2	-16.6	282.9	26.2	25.5	-5.9	315.8	322.3	2.1	81.9	21.1	75.
21.0	55.0	5840.2	493.0	-14.7	-17.2	281.5	26.0	25.4	-5.2	316.6	322.9	2.0	81.4	21.9	76.
21.8	56.0	5995.3	483.0	-15.4	-17.9	274.3	28.7	28.6	-2.2	317.6	323.7	1.9	80.9	23.1	77.
22.4	57.0	6121.3	475.0	-16.1	-18.7	269.9	29.8	29.8	0.1	318.2	324.1	1.8	80.3	24.2	78.
22.9	58.0	6233.1	466.0	-16.5	-19.1	266.8	30.3	30.3	1.7	319.0	324.8	1.8	80.2	25.0	78.
23.4	59.0	6362.6	460.0	-17.3	-20.0	263.9	31.6	31.4	3.3	319.6	325.0	1.7	79.7	25.9	79.
23.9	60.0	6454.1	452.0	-18.0	-20.7	261.5	32.8	32.4	4.8	320.3	325.6	1.6	79.1	26.9	79.
24.2	61.0	6610.5	445.0	-19.1	-21.9	260.4	32.6	32.1	5.5	320.4	325.2	1.5	78.3	27.5	79.
24.7	62.0	6762.6	436.0	-19.7	-22.5	258.9	30.9	30.3	6.0	321.5	326.3	1.4	77.9	28.6	79.
25.1	63.0	6882.6	429.0	-20.5	-23.5	257.2	28.6	28.0	5.9	322.0	326.4	1.3	76.5	29.3	79.
25.5	64.0	7004.3	422.0	-21.4	-24.5	258.8	26.2	25.6	5.5	322.3	326.4	1.2	76.0	30.0	79.
25.9	65.0	7145.3	414.0	-22.1	-25.4	256.1	24.8	24.1	5.9	323.2	327.1	1.2	74.1	30.5	79.
26.5	66.0	7306.8	405.0	-23.0	-26.5	252.1	24.4	23.2	7.5	324.0	327.6	1.1	73.0	31.2	79.
26.8	67.0	7434.4	398.0	-23.8	-27.3	250.7	24.3	22.9	8.0	324.6	328.0	1.0	72.6	31.8	78.
27.4	68.0	7563.8	391.0	-24.9	-28.4	249.2	23.4	21.8	8.3	324.8	328.0	0.9	71.8	32.6	78.
27.7	69.0	7695.0	384.0	-25.9	-29.5	248.8	22.9	21.4	8.3	325.1	328.0	0.9	71.4	33.0	78.
28.2	70.0	7828.1	377.0	-26.7	-30.5	247.7	22.3	20.6	8.5	325.8	328.5	0.8	70.1	33.7	78.
28.7	71.0	7982.5	369.0	-28.0	-31.9	245.6	21.0	19.2	8.7	326.0	328.5	0.7	69.3	34.4	78.
29.0	72.0	8100.0	363.0	-29.1	-33.0	243.9	19.8	17.8	8.7	326.1	328.4	0.6	68.8	34.9	78.
29.4	73.0	8238.9	356.0	-30.4	-34.4	242.1	18.0	15.9	8.4	326.2	328.2	0.6	67.4	35.2	77.
29.8	74.0	8380.0	349.0	-31.2	-35.5	241.8	17.4	15.3	8.2	327.0	328.8	0.5	65.3	35.5	77.
30.3	75.0	8502.6	343.0	-32.5	-37.1	242.4	18.3	16.2	8.5	326.8	328.4	0.5	63.3	36.0	77.
30.7	76.0	8626.7	337.0	-33.7	-38.6	242.8	19.8	17.6	9.1	326.8	328.2	0.4	60.7	36.5	77.
31.2	77.0	8752.5	331.0	-34.7	-39.8	242.7	21.7	19.3	10.0	327.0	328.3	0.4	59.9	37.1	77.
31.6	78.0	8880.1	325.0	-35.3	-40.8	242.3	23.0	20.3	10.7	328.0	329.2	0.3	56.6	37.6	76.
31.9	79.0	9031.4	318.0	-36.5	-41.9	241.9	23.8	21.0	11.2	328.4	329.5	0.3	57.1	38.1	76.
32.5	80.0	9141.0	313.0	-37.8	-43.1	241.2	26.4	23.1	12.7	328.0	329.0	0.3	56.9	38.7	76.
32.8	81.0	9318.9	305.0	-39.3	-44.5	241.5	27.7	24.3	13.2	328.3	329.2	0.2	57.1	39.4	76.
33.1	82.0	9454.7	299.0	-40.4	99.9	241.9	28.8	25.4	13.6	328.8	999.9	99.9	999.9	40.0	76.
33.4	83.0	9569.4	294.0	-41.8	99.9	242.6	29.4	26.1	13.5	328.4	999.9	99.9	999.9	40.4	75.
34.0	84.0	9708.7	288.0	-43.3	99.9	243.0	30.7	27.3	13.9	328.2	999.9	99.9	999.9	41.4	75.
34.7	85.0	9850.1	282.0	-44.1	99.9	242.3	33.1	29.3	15.4	329.0	999.9	99.9	999.9	42.8	75.
35.4	86.0	9993.8	276.0	-46.0	99.9	242.7	35.2	31.3	16.1	328.3	999.9	99.9	999.9	44.2	74.
35.8	87.0	10139.8	270.0	-47.0	99.9	241.8	35.3	31.1	16.7	328.9	999.9	99.9	999.9	45.0	74.
36.4	88.0	10263.2	265.0	-48.4	99.9	240.2	34.2	29.7	17.0	328.6	999.9	99.9	999.9	46.3	74.
36.6	89.0	10388.3	260.0	-49.6	99.9	240.3	33.8	29.4	16.8	328.6	999.9	99.9	999.9	46.7	74.
37.0	90.0	10540.7	254.0	-51.0	99.9	241.6	33.5	29.4	15.9	328.8	999.9	99.9	999.9	47.4	73.
37.5	91.0	10669.6	249.0	-52.5	99.9	242.9	35.4	31.5	16.1	328.4	999.9	99.9	999.9	48.4	73.
38.0	92.0	10800.4	244.0	-53.6	99.9	242.5	38.7	34.3	17.9	328.7	999.9	99.9	999.9	49.4	73.
38.5	93.0	10933.2	239.0	-54.9	99.9	241.8	40.8	35.9	19.3	328.7	999.9	99.9	999.9	50.8	73.
39.0	94.0	11068.1	234.0	-55.7	99.9	240.9	41.8	36.5	20.3	329.5	999.9	99.9	999.9	51.8	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

6 FEBRUARY 1975  
2315 GMT

118 123. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
39.8	95.0	11205.5	229.0	-56.2	99.9	238.4	48.1	41.0	25.2	330.8	999.9	99.9	999.9	53.9	72.
40.7	96.0	11345.5	224.0	-57.1	99.9	237.0	52.2	43.9	28.5	331.4	999.9	99.9	999.9	56.8	71.
41.2	97.0	11488.3	219.0	-57.5	99.9	236.0	48.5	40.2	27.1	333.0	999.9	99.9	999.9	58.4	71.
41.7	98.0	11634.2	214.0	-57.3	99.9	235.5	46.4	38.3	26.3	335.5	999.9	99.9	999.9	59.3	70.
42.1	99.0	11753.4	210.0	-57.5	99.9	235.7	46.7	38.6	26.3	337.0	999.9	99.9	999.9	60.7	70.
42.5	100.0	11905.4	205.0	-58.2	99.9	235.8	46.8	38.7	26.3	338.3	999.9	99.9	999.9	61.9	70.
43.2	101.0	12061.0	200.0	-58.0	99.9	236.3	51.4*	42.8	28.5	340.9	999.9	99.9	999.9	63.4	69.
43.8	102.0	12188.4	196.0	-57.7	99.9	237.7	56.3*	47.6	30.1	343.5	999.9	99.9	999.9	65.6	69.
44.3	103.0	12319.3	192.0	-55.2	99.9	238.7	52.4*	44.8	27.2	349.5	999.9	99.9	999.9	67.4	69.
44.8	104.0	12487.8	187.0	-55.2	99.9	240.1	43.7*	37.9	21.8	352.1	999.9	99.9	999.9	68.9	69.
45.2	105.0	12590.9	184.0	-56.0	99.9	242.8	40.4*	35.9	18.5	352.4	999.9	99.9	999.9	69.8	68.
45.7	106.0	12730.4	180.0	-56.6	99.9	247.1	46.1*	42.5	17.9	353.6	999.9	99.9	999.9	70.5	68.
46.2	107.0	12872.7	176.0	-57.5	99.9	249.2	58.0*	54.2	20.6	354.5	999.9	99.9	999.9	72.1	68.
46.7	108.0	13017.6	172.0	-58.5	99.9	249.3	64.7*	60.6	22.9	355.1	999.9	99.9	999.9	74.5	68.
47.3	109.0	13165.3	168.0	-59.2	99.9	248.3	62.3*	57.9	23.0	356.4	999.9	99.9	999.9	76.7	68.
47.8	110.0	13316.1	164.0	-59.9	99.9	247.2	54.9*	50.7	21.3	357.7	999.9	99.9	999.9	78.6	68.
48.4	111.0	13469.7	160.0	-61.7	99.9	245.7	43.5*	39.7	17.9	357.2	999.9	99.9	999.9	80.5	68.
49.0	112.0	13626.1	156.0	-62.8	99.9	245.1	39.2*	35.5	16.5	357.9	999.9	99.9	999.9	81.6	68.
49.4	113.0	13745.6	153.0	-63.3	99.9	246.1	47.7*	43.6	19.3	358.9	999.9	99.9	999.9	82.3	68.
49.8	114.0	13907.9	149.0	-64.7	99.9	246.8	60.8*	55.8	24.0	359.4	999.9	99.9	999.9	83.6	68.
50.4	115.0	14031.8	146.0	-65.7	99.9	247.0	79.7*	73.4	31.1	359.8	999.9	99.9	999.9	86.3	68.
50.9	116.0	14200.2	142.0	-66.7	99.9	247.2	85.1*	78.5	33.0	360.9	999.9	99.9	999.9	89.1	68.
51.4	117.0	14329.4	139.0	-66.7	99.9	248.0	80.2*	74.3	30.0	363.1	999.9	99.9	999.9	91.8	68.
52.0	118.0	14506.3	135.0	-65.9	99.9	999.9	99.9	99.9	99.9	367.6	999.9	99.9	999.9	999.9	999.
52.5	119.0	14642.5	132.0	-66.7	99.9	999.9	99.9	99.9	99.9	368.5	999.9	99.9	999.9	999.9	999.
53.0	120.0	14781.6	129.0	-66.7	99.9	999.9	99.9	99.9	99.9	370.9	999.9	99.9	999.9	999.9	999.
53.4	121.0	14923.7	126.0	-67.3	99.9	999.9	99.9	99.9	99.9	372.3	999.9	99.9	999.9	999.9	999.
53.9	122.0	15068.8	123.0	-67.9	99.9	999.9	99.9	99.9	99.9	373.8	999.9	99.9	999.9	999.9	999.

STATION NO. 211  
TAMPA, FLA

7 FEBRUARY 1975  
556 GMT

154 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	8.0	1012.8	17.4	15.7	330.0	3.6	1.8	-3.1	291.0	319.8	11.2	90.0	0.0	0.
0.5	6.0	108.4	1001.0	17.5	14.3	999.9	99.9	99.9	99.9	292.0	318.7	10.3	81.1	999.9	999.
0.8	7.0	202.9	990.0	16.9	13.0	999.9	99.9	99.9	99.9	292.2	317.1	9.6	77.7	999.9	999.
1.1	8.0	298.3	979.0	16.1	12.4	999.9	99.9	99.9	99.9	292.2	316.6	9.3	79.0	999.9	999.
1.5	9.0	385.6	969.0	15.7	7.5	999.9	99.9	99.9	99.9	292.3	310.2	6.7	58.1	999.9	999.
1.8	10.0	482.7	958.0	15.7	11.1	302.4	7.4	6.3	-4.0	293.6	316.5	8.7	74.3	0.8	134.
2.1	11.0	558.7	945.0	14.7	13.9	295.0	7.5	6.8	-3.2	293.9	321.8	10.7	95.5	0.9	131.
2.5	12.0	688.9	935.0	14.3	13.6	289.1	7.6	7.2	-2.5	294.4	321.9	10.5	95.5	1.1	128.
2.9	13.0	780.0	925.0	14.1	13.1	283.1	8.7	8.4	-2.0	295.1	322.2	10.3	94.1	1.3	125.
3.1	14.0	871.9	915.0	13.5	12.9	279.8	9.0	8.9	-1.5	295.4	322.5	10.3	96.5	1.4	123.
3.6	15.0	974.1	904.0	13.9	12.3	272.1	9.8	9.8	-0.4	296.7	323.3	10.0	90.2	1.6	118.
4.0	16.0	1087.1	892.0	13.7	11.6	270.7	10.3	10.3	-0.1	297.6	323.4	9.7	87.1	1.8	115.
4.2	17.0	1182.2	882.0	12.9	9.1	272.3	10.2	10.2	-0.4	297.6	319.8	8.3	77.9	1.9	113.
4.7	18.0	1287.8	871.0	12.9	5.6	277.2	10.9	10.8	-1.4	298.4	316.3	6.6	61.0	2.2	111.
5.0	19.0	1375.1	862.0	12.7	4.7	280.2	11.9	11.7	-2.1	299.1	316.2	6.2	58.3	2.4	110.
5.2	20.0	1473.0	852.0	11.7	5.7	279.3	12.4	12.2	-2.0	299.1	317.6	6.8	66.5	2.6	109.
5.8	21.0	1581.8	841.0	11.1	6.4	273.2	12.8	12.7	-0.7	299.7	319.4	7.2	72.6	3.0	108.
6.1	22.0	1681.6	831.0	10.0	7.0	268.9	12.9	12.9	0.2	299.6	320.3	7.6	81.6	3.3	106.
6.5	23.0	1782.5	821.0	9.8	8.0	265.5	14.3	14.2	1.1	300.5	322.9	8.2	88.1	3.6	105.
6.8	24.0	1884.5	811.0	9.6	6.9	264.9	15.8	15.7	1.4	301.3	322.5	7.7	82.9	3.8	103.
7.1	25.0	1977.2	802.0	8.7	5.0	264.3	17.1	17.0	1.7	301.1	320.1	6.9	77.7	4.1	102.
7.5	26.0	2091.7	791.0	8.7	4.8	263.4	18.5	18.4	2.1	302.3	321.4	6.9	76.6	4.5	100.
7.9	27.0	2197.0	781.0	7.8	4.3	261.9	19.1	18.9	2.7	302.4	321.1	6.7	78.6	5.0	99.
8.1	28.0	2303.3	771.0	6.7	4.4	261.3	19.3	19.1	2.9	302.4	321.3	6.8	84.9	5.2	98.
8.5	29.0	2399.8	762.0	6.0	4.3	260.3	19.6	19.3	3.3	302.6	321.7	6.9	88.6	5.6	96.
8.9	30.0	2497.3	753.0	5.3	3.6	260.5	20.3	20.0	3.3	302.9	321.3	6.6	88.6	6.1	95.
9.1	31.0	2595.6	744.0	4.8	3.1	260.7	20.7	20.4	3.4	303.3	321.4	6.5	88.7	6.3	95.
9.5	32.0	2695.1	735.0	4.6	1.5	260.9	21.5	21.2	3.4	304.1	320.6	5.8	80.3	6.8	94.
9.9	33.0	2795.6	726.0	4.3	1.2	260.9	21.8	21.6	3.5	304.8	321.2	5.8	80.5	7.4	93.
10.1	34.0	2897.2	717.0	3.6	-0.7	261.0	22.0	21.7	3.4	305.0	319.6	5.1	73.5	7.6	92.
10.6	35.0	2999.8	708.0	3.1	-3.5	262.3	22.4	22.2	3.0	305.4	317.5	4.2	61.8	8.2	91.
11.0	36.0	3126.7	697.0	2.8	-5.4	264.5	22.9	22.7	2.2	306.4	317.2	3.7	55.1	8.8	91.
11.2	37.0	3231.7	688.0	1.8	-12.3	265.7	23.0	22.9	1.7	306.2	312.7	2.2	34.4	9.1	91.
11.8	38.0	3337.9	679.0	1.8	-13.1	268.9	23.2	23.2	0.4	307.3	313.6	2.0	32.1	9.9	90.
12.0	39.0	3433.3	671.0	1.3	-12.9	269.8	23.1	23.1	0.1	307.8	314.2	2.1	33.8	10.2	90.
12.4	40.0	3541.8	662.0	-0.0	-13.2	270.6	22.8	22.8	-0.2	307.5	313.9	2.1	36.2	10.8	90.
12.9	41.0	3663.5	652.0	-0.9	-13.8	270.5	23.1	23.1	-0.2	308.0	314.2	2.0	36.8	11.4	90.
13.2	42.0	3774.2	643.0	-2.1	-14.1	269.8	23.6	23.6	0.1	307.7	313.8	2.0	39.2	11.8	91.
13.7	43.0	3886.1	634.0	-3.1	-15.0	268.1	24.9	24.9	0.8	307.9	313.7	1.9	39.1	12.5	90.
14.0	44.0	3973.9	627.0	-3.5	-17.5	267.0	25.7	25.6	1.4	308.3	313.1	1.5	32.8	13.0	90.
14.3	45.0	4088.0	618.0	-4.3	-18.1	265.8	26.4	26.3	1.9	308.7	313.3	1.5	33.1	13.5	90.
14.9	46.0	4190.7	610.0	-4.6	-18.4	263.2	28.2	28.0	3.3	309.5	314.1	1.5	33.1	14.4	90.
15.2	47.0	4294.5	602.0	-5.1	-12.3	261.9	29.0	28.7	4.1	310.2	317.8	2.5	56.6	14.9	90.
15.7	48.0	4399.7	594.0	-5.5	-9.2	260.0	29.5	29.0	5.1	311.0	320.7	3.2	75.4	15.9	89.
16.0	49.0	4506.0	586.0	-6.0	-19.4	259.1	29.0	28.4	5.5	311.4	315.9	1.4	-33.7	16.5	89.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

7 FEBRUARY 1975  
556 GMT

154 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RFD GM/KG	RH PCT	RANGE KM	AZ DG
16.5	50.0	4627.1	577.0	-6.4	-22.7	258.1	26.9	26.3	5.6	312.2	315.7	1.1	26.0	17.3	88.
17.0	51.0	4750.0	568.0	-6.6	-27.1	256.5	26.3	25.6	6.2	313.4	315.8	0.7	17.6	18.0	88.
17.2	52.0	4860.7	560.0	-7.2	-22.4	255.4	26.8	25.9	6.7	314.1	317.7	1.1	28.3	18.3	88.
17.8	53.0	4972.6	552.0	-8.2	-17.6	252.6	28.7	27.4	8.6	314.2	319.7	1.7	46.6	19.3	87.
18.1	54.0	5086.0	544.0	-8.2	-18.0	251.5	29.8	28.2	9.4	315.5	320.9	1.7	45.1	19.8	86.
18.6	55.0	5186.4	537.0	-9.4	-17.3	250.7	31.2	29.5	10.3	315.3	321.1	1.8	52.4	20.6	86.
19.0	56.0	5316.9	528.0	-10.5	-18.0	250.5	31.6	29.8	10.6	315.4	321.0	1.8	54.0	21.4	85.
19.2	57.0	5434.3	520.0	-11.3	-20.0	250.4	31.1	29.3	10.5	315.9	320.7	1.5	48.4	21.8	85.
19.7	58.0	5553.3	512.0	-11.3	-32.6	250.2	29.9	28.2	10.1	317.2	318.8	0.5	15.1	22.7	84.
20.0	59.0	5658.8	505.0	-11.8	-37.9	250.2	29.3	27.6	9.9	317.7	318.7	0.3	9.3	23.2	84.
20.3	60.0	5765.5	498.0	-12.5	-43.7	250.6	29.6	27.9	9.8	318.1	318.7	0.2	5.3	23.6	84.
20.8	61.0	5873.5	491.0	-12.8	-43.9	251.3	30.4	28.7	9.8	319.0	319.6	0.2	5.3	24.5	83.
21.1	62.0	5998.6	483.0	-13.7	-44.3	251.5	30.9	29.3	9.8	319.5	320.0	0.1	5.4	25.1	83.
21.5	63.0	6109.3	476.0	-14.8	-45.0	251.6	31.4	29.8	9.9	319.4	320.0	0.1	5.6	25.8	83.
21.9	64.0	6221.2	469.0	-15.6	-45.4	251.9	31.4	29.8	9.7	319.8	320.3	0.1	5.6	26.6	82.
22.2	65.0	6334.5	462.0	-16.6	-46.0	251.8	30.8	29.3	9.6	319.9	320.4	0.1	5.7	27.1	82.
22.8	66.0	6482.1	453.0	-17.3	-46.4	250.5	29.2	27.5	9.8	320.9	321.4	0.1	5.8	28.3	82.
23.2	67.0	6598.6	446.0	-18.2	-47.0	249.1	29.2	27.3	10.4	321.1	321.6	0.1	5.9	28.9	82.
23.7	68.0	6699.5	440.0	-19.4	-47.7	249.4	31.8	29.6	11.7	320.8	321.2	0.1	6.1	29.6	81.
24.1	69.0	6818.5	433.0	-20.4	-48.3	248.6	34.6	32.2	12.6	321.1	321.5	0.1	6.2	30.4	81.
24.5	70.0	6938.9	426.0	-21.4	-48.9	248.9	35.9	33.5	12.9	321.2	321.6	0.1	6.3	31.4	80.
25.1	71.0	7096.1	417.0	-22.4	-49.5	248.4	34.3	31.9	12.6	322.0	322.4	0.1	6.4	32.7	80.
25.6	72.0	7202.4	411.0	-23.2	-50.0	247.4	32.7	30.2	12.6	322.3	322.7	0.1	6.5	33.5	80.
26.1	73.0	7327.8	404.0	-24.4	-50.7	245.8	30.6	27.9	12.5	322.3	322.7	0.1	6.6	34.6	79.
26.5	74.0	7436.7	398.0	-25.3	-51.3	244.6	28.5	25.7	12.2	322.5	322.8	0.1	6.7	35.3	79.
27.0	75.0	7546.7	392.0	-26.3	-52.0	246.0	24.2	25.7	11.5	322.6	322.8	0.1	6.8	35.9	79.
27.5	76.0	7676.8	385.0	-27.3	-50.7	248.7	30.3	28.2	11.0	323.0	323.4	0.1	8.6	36.8	78.
27.9	77.0	7808.6	378.0	-28.4	-51.5	249.1	30.8	28.8	11.0	323.2	323.5	0.1	8.7	37.6	78.
28.4	78.0	7923.1	372.0	-29.5	-52.2	248.5	29.6	27.6	10.9	323.2	323.5	0.1	8.9	38.6	78.
28.8	79.0	8039.0	366.0	-30.1	-52.7	247.7	28.3	26.2	10.7	323.9	324.2	0.1	8.9	39.2	78.
29.2	80.0	8156.4	360.0	-31.2	-48.2	246.6	27.3	25.0	10.8	324.0	324.5	0.1	16.8	39.8	78.
29.9	81.0	8315.1	352.0	-32.8	-48.3	243.2	27.5	24.5	12.4	324.0	324.5	0.1	19.2	40.9	77.
30.2	82.0	8435.9	346.0	-33.9	-41.9	241.7	29.1	25.6	13.8	324.0	325.0	0.3	43.8	41.3	77.
30.7	83.0	8558.2	340.0	-35.0	-40.3	239.7	32.2	27.8	16.3	324.2	325.4	0.3	58.1	42.2	77.
31.1	84.0	8682.3	334.0	-35.7	-41.3	238.1	33.6	28.5	17.7	324.9	326.0	0.3	55.5	43.1	76.
31.5	85.0	8808.2	328.0	-36.4	-42.5	235.9	32.7	27.1	18.3	325.5	326.5	0.3	53.1	44.0	76.
32.0	86.0	8957.4	321.0	-37.8	-44.1	234.4	32.1	26.1	18.7	325.7	326.5	0.2	50.8	44.7	76.
32.5	87.0	9087.1	315.0	-39.1	-45.2	236.0	35.2	29.2	19.7	325.6	326.4	0.2	51.9	45.4	75.
33.0	88.0	9218.7	309.0	-40.2	99.9	237.4	38.2	32.2	20.6	326.0	999.9	99.9	999.9	46.8	75.
33.2	89.0	9352.1	303.0	-41.4	99.9	236.6	37.9	31.7	20.9	326.1	999.9	99.9	999.9	47.2	75.
33.8	90.0	9464.9	298.0	-42.2	99.9	232.8	35.7	28.4	21.6	326.5	999.9	99.9	999.9	48.5	74.
34.1	91.0	9602.1	292.0	-43.3	99.9	230.5	34.2	26.4	21.8	326.8	999.9	99.9	999.9	49.1	74.
34.5	92.0	9718.1	287.0	-44.4	99.9	228.5	32.8	24.6	21.7	326.9	999.9	99.9	999.9	49.8	73.
35.0	93.0	9835.6	282.0	-45.3	99.9	231.4	34.0	26.5	21.2	327.3	999.9	99.9	999.9	50.4	73.
35.3	94.0	9978.9	276.0	-46.3	99.9	234.2	36.0	29.2	21.0	327.9	999.9	99.9	999.9	51.2	73.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

7 FEBRUARY 1975  
556 GMT

154 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.8	95.0	10100.1	271.0	-47.4	99.9	238.2	39.7	33.7	20.9	328.0	999.9	99.9	999.9	52.2	72.
36.3	96.0	10247.7	265.0	-48.8	99.9	241.3	42.3	37.1	20.3	328.0	999.9	99.9	999.9	53.5	72.
36.9	97.0	10397.8	259.0	-49.7	99.9	244.8	40.6	36.8	17.3	328.8	999.9	99.9	999.9	55.1	72.
37.3	98.0	10525.4	254.0	-49.9	99.9	247.1	38.2	35.2	14.8	330.4	999.9	99.9	999.9	56.1	72.
37.9	99.0	10655.4	249.0	-50.0	99.9	249.3	39.2*	36.7	13.8	332.1	999.9	99.9	999.9	57.1	72.
38.5	100.0	10787.8	244.0	-50.6	99.9	249.6	45.8*	42.9	16.0	333.2	999.9	99.9	999.9	58.9	72.
39.1	101.0	10949.9	236.0	-51.0	99.9	249.5	48.7*	45.6	17.1	334.9	999.9	99.9	999.9	60.5	72.
39.7	102.0	11060.0	234.0	-52.0	99.9	248.9	45.9*	42.8	16.5	335.1	999.9	99.9	999.9	62.4	71.
40.2	103.0	11199.9	229.0	-52.1	99.9	247.7	42.5*	39.3	16.1	337.0	999.9	99.9	999.9	63.7	71.
40.8	104.0	11342.9	224.0	-51.8	99.9	246.1	44.3*	40.5	17.9	339.6	999.9	99.9	999.9	64.9	71.
41.3	105.0	11459.7	220.0	-52.0	99.9	245.3	52.0*	47.2	21.7	341.1	999.9	99.9	999.9	66.4	71.
41.9	106.0	11608.7	215.0	-51.6	99.9	244.3	59.8*	53.9	26.0	343.8	999.9	99.9	999.9	68.3	71.
42.5	107.0	11730.5	211.0	-52.0	99.9	242.4	54.8*	48.6	25.4	345.2	999.9	99.9	999.9	71.3	71.
43.0	108.0	11885.5	206.0	-52.9	99.9	239.6	43.2*	37.3	21.8	346.1	999.9	99.9	999.9	72.2	71.
43.3	109.0	12011.9	202.0	-53.3	99.9	238.8	39.0*	33.3	20.2	347.3	999.9	99.9	999.9	72.9	70.
43.8	110.0	12140.4	198.0	-54.6	99.9	239.3	36.8*	31.6	18.8	347.4	999.9	99.9	999.9	73.9	70.
44.2	111.0	12336.6	192.0	-56.3	99.9	241.3	41.4*	36.3	19.9	347.6	999.9	99.9	999.9	74.7	70.
44.9	112.0	12470.2	188.0	-56.5	99.9	243.7	62.6*	56.2	27.7	349.4	999.9	99.9	999.9	76.4	70.
45.3	113.0	12606.6	184.0	-57.0	99.9	243.8	74.3*	66.6	32.8	350.8	999.9	99.9	999.9	78.2	70.
46.0	114.0	12745.4	180.0	-58.1	99.9	242.3	72.2*	64.0	33.6	351.1	999.9	99.9	999.9	82.5	70.
46.5	115.0	12886.4	176.0	-59.5	99.9	239.5	50.3*	43.3	25.6	351.2	999.9	99.9	999.9	84.3	69.
47.4	116.0	13066.6	171.0	-60.0	99.9	237.6	27.5*	23.2	14.8	353.2	999.9	99.9	999.9	85.4	69.
48.1	117.0	13177.1	168.0	-59.8	99.9	241.1	23.4*	20.5	11.3	355.3	999.9	99.9	999.9	86.9	69.
48.8	118.0	13327.8	164.0	-59.5	99.9	245.8	38.2*	34.9	15.6	358.3	999.9	99.9	999.9	87.0	69.
49.4	119.0	13487.3	160.0	-59.7	99.9	247.9	61.7*	57.2	23.3	360.6	999.9	99.9	999.9	89.6	69.
50.0	120.0	13640.5	156.0	-60.0	99.9	248.2	85.7*	79.6	31.8	362.6	999.9	99.9	999.9	91.0	69.
50.5	121.0	13761.3	153.0	-61.4	99.9	247.7	97.8*	90.5	37.1	362.2	999.9	99.9	999.9	95.0	69.
51.0	122.0	13925.2	149.0	-62.5	99.9	247.2	92.4*	85.2	35.9	363.1	999.9	99.9	999.9	98.4	69.
51.6	123.0	14092.8	145.0	-63.4	99.9	246.6	75.9*	69.6	30.2	364.4	999.9	99.9	999.9	100.9	69.
52.1	124.0	14221.1	142.0	-63.8	99.9	246.0	61.0*	55.7	24.8	365.9	999.9	99.9	999.9	103.0	69.
52.7	125.0	14395.9	138.0	-64.9	99.9	244.4	33.9*	30.6	14.7	366.9	999.9	99.9	999.9	105.3	69.
53.3	126.0	14575.0	134.0	-65.5	99.9	238.7	8.1*	6.9	4.2	369.0	999.9	99.9	999.9	105.6	69.
54.0	127.0	14712.4	131.0	-66.7	99.9	245.0	5.9*	5.4	2.5	369.3	999.9	99.9	999.9	104.9	69.
54.7	128.0	14852.1	128.0	-67.7	99.9	245.4	23.3*	21.2	9.7	369.9	999.9	99.9	999.9	105.9	69.
55.2	129.0	15042.6	124.0	-69.1	99.9	245.3	28.8*	26.3	11.8	370.7	999.9	99.9	999.9	106.9	69.
55.9	130.0	15188.7	121.0	-69.8	99.9	252.0	27.0*	25.7	8.4	372.1	999.9	99.9	999.9	108.1	68.
56.5	131.0	15388.6	117.0	-70.4	99.9	258.7	30.9*	30.3	6.1	374.5	999.9	99.9	999.9	109.4	69.
57.2	132.0	15542.7	114.0	-70.9	99.9	258.6	54.6*	53.5	10.7	376.5	999.9	99.9	999.9	110.2	69.
57.9	133.0	15700.5	111.0	-71.3	99.9	259.8	62.2*	61.2	11.1	378.5	999.9	99.9	999.9	113.9	69.
58.6	134.0	15862.5	108.0	-71.3	99.9	260.2	55.8*	55.0	9.5	381.5	999.9	99.9	999.9	115.6	69.
59.2	135.0	16029.7	105.0	-69.8	99.9	258.5	55.0*	53.9	11.0	387.5	999.9	99.9	999.9	117.9	69.
60.0	136.0	16261.0	101.0	-70.0	99.9	257.0	47.2*	46.0	10.6	391.4	999.9	99.9	999.9	120.9	70.
60.8	137.0	16440.7	98.0	-69.3	99.9	257.8	33.6*	32.8	7.1	396.0	999.9	99.9	999.9	122.2	70.
61.7	138.0	16688.7	94.0	-70.6	99.9	257.6	30.4*	29.7	6.5	398.2	999.9	99.9	999.9	123.9	70.
62.5	139.0	16881.0	91.0	-70.9	99.9	250.7	27.6*	26.0	9.1	401.5	999.9	99.9	999.9	125.2	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

7 FEBRUARY 1975  
556 GMT

154 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.0	140.0	17079.6	88.0	-70.9	99.9	246.3	22.4*	20.5	9.0	405.4	999.9	99.9	999.9	126.6	70.
63.8	141.0	17354.5	84.0	-72.0	99.9	244.8	26.8*	24.3	11.4	408.5	999.9	99.9	999.9	126.9	70.
64.5	142.0	17567.8	81.0	-73.9	99.9	245.7	36.1*	32.9	14.8	409.0	999.9	99.9	999.9	128.3	70.
65.3	143.0	17863.8	77.0	-73.4	99.9	247.7	33.0*	30.6	12.5	415.9	999.9	99.9	999.9	130.3	70.
66.3	144.0	18096.1	74.0	-73.6	99.9	249.6	11.6*	10.9	4.0	420.2	999.9	99.9	999.9	132.0	70.
67.1	145.0	18338.6	71.0	-72.7	99.9	99.5	1.5*	-1.5	0.3	427.2	999.9	99.9	999.9	131.6	70.
68.1	146.0	18591.4	68.0	-73.9	99.9	263.7	11.3*	11.2	1.2	429.9	999.9	99.9	999.9	132.1	70.
69.1	147.0	18955.4	65.0	-72.9	99.9	271.2	14.7*	14.7	-0.3	437.6	999.9	99.9	999.9	132.3	70.
70.2	148.0	19137.8	62.0	-65.3	99.9	262.1	33.2*	32.9	4.5	460.4	999.9	99.9	999.9	134.1	70.
71.6	149.0	19545.9	58.0	-63.2	99.9	254.2	39.8*	38.3	10.8	474.0	999.9	99.9	999.9	138.1	70.
72.7	150.0	19870.7	55.0	-65.5	99.9	256.4	35.9*	34.9	8.4	476.0	999.9	99.9	999.9	140.4	70.
73.9	151.0	20095.0	53.0	-67.3	99.9	253.4	30.3*	29.1	8.7	477.0	999.9	99.9	999.9	142.1	70.
75.2	152.0	20369.4	49.0	-66.3	99.9	250.2	33.5*	31.5	11.3	490.2	999.9	99.9	999.9	145.0	70.
76.7	153.0	20952.8	46.0	-65.7	99.9	248.7	27.7*	25.8	10.1	500.5	999.9	99.9	999.9	147.6	70.
78.3	154.0	21363.1	43.0	-65.3	99.9	247.7	14.4*	13.4	5.5	511.2	999.9	99.9	999.9	150.2	70.
79.9	155.0	21806.7	40.0	-62.1	99.9	254.6	18.6*	17.9	4.9	529.9	999.9	99.9	999.9	151.4	70.
81.7	156.0	22290.5	37.0	-60.5	99.9	87.7	8.9	-8.9	-0.4	545.9	999.9	99.9	999.9	152.1	70.
83.3	157.0	22816.9	34.0	-60.7	99.9	999.9	99.9	99.9	99.9	558.8	999.9	99.9	999.9	999.9	999.
85.3	158.0	23387.8	31.0	-63.6	99.9	999.9	99.9	99.9	99.9	566.0	999.9	99.9	999.9	999.9	999.

STATION NO. 211  
TAMPA, FLA

7 FEBRUARY 1975  
1115 GMT

146 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	8.0	1014.3	14.4	12.1	330.0	6.2	3.1	-5.4	287.5	310.1	8.8	86.0	0.0	0.
0.4	6.0	119.7	1001.0	14.1	11.9	323.6	12.9	7.7	-10.4	288.3	310.9	8.8	86.7	0.2	137.
0.8	7.0	221.5	989.0	12.9	11.2	322.3	12.8	7.8	-10.2	288.1	310.0	8.5	87.7	0.5	140.
1.1	8.0	324.1	977.0	12.1	10.9	320.8	12.7	8.0	-9.8	288.3	310.0	8.4	91.9	0.7	141.
1.4	9.0	419.1	966.0	11.4	10.7	318.6	12.4	8.2	-9.3	288.5	310.1	8.4	95.3	0.9	140.
1.8	10.0	506.1	956.0	10.4	9.9	315.5	11.9	8.3	-8.5	288.3	309.2	8.1	96.6	1.2	140.
2.2	11.0	629.1	942.0	9.5	9.3	310.8	11.0	8.3	-7.2	288.6	308.9	7.8	98.2	1.5	139.
2.5	12.0	726.7	931.0	9.0	8.7	305.6	10.1	8.2	-5.9	289.0	308.8	7.6	98.1	1.7	138.
2.9	13.0	816.2	921.0	8.4	8.1	294.8	8.5	7.7	-3.6	289.3	308.6	7.4	97.8	1.9	136.
3.2	14.0	925.0	909.0	9.0	5.6	281.8	8.1	7.9	-1.7	290.8	307.5	6.3	79.3	2.0	134.
3.6	15.0	1016.9	899.0	10.3	3.4	266.0	8.7	8.6	0.6	292.9	307.6	5.5	62.4	2.2	131.
4.0	16.0	1138.2	886.0	11.0	-13.5	260.6	9.8	9.6	1.6	294.4	298.8	1.5	16.4	2.3	126.
4.4	17.0	1232.8	876.0	10.6	-10.6	265.9	11.0	11.0	0.8	295.0	300.6	1.9	21.3	2.5	122.
4.7	18.0	1337.8	865.0	10.1	-7.5	267.6	12.5	12.5	0.5	295.6	302.8	2.5	28.2	2.7	120.
5.0	19.0	1434.4	855.0	9.5	-2.3	268.2	14.3	14.3	0.4	296.1	306.7	3.8	43.4	2.9	117.
5.4	20.0	1532.0	845.0	9.5	-3.5	268.1	15.2	15.2	0.5	297.1	307.0	3.5	39.7	3.2	114.
5.9	21.0	1660.7	832.0	10.1	-26.5	268.5	17.1	17.0	0.5	298.6	300.3	0.5	5.7	3.6	111.
6.2	22.0	1761.1	822.0	10.4	-21.8	268.9	18.3	18.3	0.4	300.1	302.6	0.8	8.4	3.9	109.
6.5	23.0	1862.8	812.0	10.3	-18.6	269.3	19.6	19.6	0.2	300.9	304.3	1.1	11.2	4.3	108.
6.9	24.0	1975.9	801.0	9.2	-19.4	269.3	19.1	19.1	0.2	300.9	304.1	1.0	11.3	4.7	106.
7.3	25.0	2069.4	792.0	9.0	-19.5	266.6	19.0	19.0	1.1	301.7	304.9	1.0	11.3	5.2	104.
7.7	26.0	2195.4	780.0	8.3	-20.0	262.9	19.1	19.0	2.4	302.3	305.4	1.0	11.4	5.6	103.
8.1	27.0	2312.4	769.0	7.4	-22.3	259.4	19.4	19.1	3.6	302.5	305.1	0.8	9.9	6.0	101.
8.4	28.0	2409.1	760.0	6.7	-23.4	257.5	20.0	19.5	4.3	302.8	305.2	0.8	9.4	6.3	100.
8.9	29.0	2517.6	750.0	6.2	-23.8	257.1	21.7	21.2	4.8	303.3	305.7	0.7	9.5	6.9	98.
9.1	30.0	2627.3	740.0	5.5	-14.7	257.6	22.5	22.0	4.8	303.9	308.9	1.6	21.6	7.1	97.
9.5	31.0	2727.2	731.0	5.1	-11.7	259.4	24.2	23.7	4.4	304.6	311.0	2.1	28.4	7.7	96.
9.8	32.0	2839.5	721.0	4.1	-9.4	260.8	24.9	24.6	4.0	304.8	312.5	2.6	36.6	8.1	95.
10.2	33.0	2953.0	711.0	3.6	-9.8	262.4	25.4	25.1	3.4	305.4	313.0	2.5	36.6	8.7	94.
10.5	34.0	3067.7	701.0	2.8	-23.8	263.4	25.3	25.2	2.9	305.5	308.0	0.8	12.0	9.2	93.
10.9	35.0	3183.9	691.0	2.6	-22.1	264.3	25.1	25.0	2.5	306.6	309.6	0.9	14.1	9.8	93.
11.3	36.0	3313.2	680.0	1.3	-23.9	264.8	25.2	25.1	2.3	306.5	309.1	0.8	13.2	10.4	92.
11.7	37.0	3420.3	671.0	0.6	-22.8	264.4	25.6	25.5	2.5	307.0	309.9	0.9	15.3	11.0	92.
12.0	38.0	3528.4	662.0	-0.6	-20.4	263.8	26.1	25.9	2.8	306.8	310.3	1.1	20.6	11.4	92.
12.3	39.0	3637.6	653.0	-1.1	-22.7	261.6	26.4	26.1	3.9	307.4	310.4	0.9	17.4	11.9	91.
12.7	40.0	3748.1	644.0	-1.7	-24.2	258.1	26.8	26.2	5.5	307.9	310.6	0.8	16.0	12.5	91.
13.0	41.0	3884.9	633.0	-2.5	-25.9	255.1	27.1	26.2	7.0	308.5	310.9	0.7	14.6	13.0	91.
13.4	42.0	3985.7	625.0	-3.3	-21.8	252.1	27.6	26.2	8.5	308.8	312.2	1.1	22.2	13.6	89.
13.8	43.0	4100.2	616.0	-4.2	-15.3	250.3	28.1	26.5	9.5	309.1	314.9	1.9	41.5	14.3	89.
14.1	44.0	4216.1	607.0	-5.4	-13.8	249.8	28.6	26.8	10.0	309.1	315.7	2.2	51.7	14.8	88.
14.5	45.0	4333.3	598.0	-5.6	-18.1	249.1	29.4	27.5	10.5	310.1	314.9	1.5	36.4	15.3	87.
14.8	46.0	4438.8	590.0	-5.9	-49.0	249.2	29.8	27.9	10.6	310.8	311.0	0.1	1.7	15.9	86.
15.2	47.0	4545.6	582.0	-6.3	-53.9	249.6	30.2	28.3	10.5	311.5	311.6	0.0	1.0	16.6	86.
15.6	48.0	4667.4	573.0	-6.5	-54.0	250.3	30.4	28.6	10.2	312.7	312.8	0.0	1.0	17.3	85.
16.0	49.0	4777.1	565.0	-6.9	-54.3	251.4	30.7	29.1	9.8	313.4	313.6	0.0	1.0	17.9	84.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 211  
TAMPA, FLA

7 FEBRUARY 1975  
1115 GMT

146 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
16.3	50.0	4902.0	556.0	-8.5	-49.3	252.5	30.7	29.3	9.3	312.9	313.2	0.1	2.0	18.6	84.
16.8	51.0	5042.4	546.0	-9.3	-41.8	254.4	30.8	29.6	8.3	313.7	314.3	0.2	5.1	19.5	84.
17.2	52.0	5156.3	538.7	-10.1	-46.0	255.6	31.3	30.3	7.7	314.0	314.4	0.1	3.4	20.2	83.
17.6	53.0	5271.8	530.0	-10.0	-56.2	256.2	32.1	31.2	7.6	315.5	315.6	0.0	1.0	20.9	83.
18.0	54.0	5388.9	522.0	-10.6	-56.6	255.8	32.6	31.6	8.0	316.2	316.3	0.0	1.0	21.7	83.
18.4	55.0	5507.7	514.0	-10.7	-56.7	254.7	32.0	30.9	8.4	317.4	317.5	0.0	1.0	22.6	83.
18.8	56.0	5643.2	505.0	-11.7	-57.3	254.1	32.2	30.9	8.8	317.8	317.9	0.0	1.0	23.2	82.
19.3	57.0	5765.2	497.0	-12.8	-58.1	253.8	33.8	32.4	9.4	317.9	318.0	0.0	1.0	24.2	82.
19.6	58.0	5873.2	490.0	-13.5	-58.5	253.7	34.9	33.5	9.8	318.3	318.4	0.0	1.0	24.8	82.
20.0	59.0	5998.3	482.0	-14.1	-58.9	253.5	36.0	34.6	10.2	319.1	319.2	0.0	1.0	25.7	81.
20.5	60.0	6109.0	475.0	-15.2	-59.6	253.1	36.2	34.7	10.5	319.1	319.2	0.0	1.0	26.8	81.
20.8	61.0	6237.2	467.0	-15.9	-60.0	252.8	36.4	34.8	10.8	319.8	319.9	0.0	1.0	27.4	81.
21.3	62.0	6367.0	459.0	-17.3	-60.9	252.4	36.5	34.8	11.0	319.6	319.7	0.0	1.0	28.5	81.
21.6	63.0	6482.0	452.0	-18.2	-61.5	252.3	36.3	34.6	11.0	319.9	319.9	0.0	1.0	29.2	80.
22.0	64.0	6598.3	445.0	-19.2	-62.1	252.3	35.8	34.1	10.9	320.1	320.2	0.0	1.0	30.1	80.
22.5	65.0	6716.0	438.0	-20.3	-62.8	252.6	35.6	34.0	10.7	320.2	320.2	0.0	1.0	30.9	80.
22.9	66.0	6869.5	429.0	-21.2	-63.4	252.6	35.5	33.9	10.6	320.9	321.0	0.0	1.0	32.0	80.
23.4	67.0	6990.7	422.0	-22.4	-64.2	252.3	35.1	33.5	10.7	320.9	320.9	0.0	1.0	33.0	80.
23.7	68.0	7113.2	415.0	-23.6	-65.0	252.6	35.1	33.5	10.5	320.9	320.9	0.0	1.0	33.6	79.
24.2	69.0	7237.3	408.0	-24.7	-58.0	254.1	36.0	34.6	9.9	321.0	321.2	0.0	2.8	34.6	79.
24.5	70.0	7363.0	401.0	-25.7	-55.7	255.5	37.0	35.8	9.2	321.3	321.4	0.0	4.1	35.3	79.
25.1	71.0	7527.3	392.0	-26.5	-51.8	258.2	38.7	37.9	7.9	322.3	322.6	0.1	7.1	36.6	79.
25.4	72.0	7638.4	386.0	-27.8	-43.7	259.1	38.7	38.0	7.3	322.0	322.8	0.2	20.1	37.4	79.
25.8	73.0	7769.6	379.0	-29.0	-40.3	259.9	38.5	37.9	6.3	322.1	323.2	0.3	32.3	38.4	79.
26.3	74.0	7883.4	373.0	-30.2	-39.4	260.5	39.7	39.2	6.5	322.0	323.2	0.3	39.9	39.3	79.
26.8	75.0	8017.9	366.0	-31.4	-39.8	261.1	41.7	41.2	6.5	322.2	323.4	0.3	43.0	40.6	79.
27.1	76.0	8134.7	360.0	-32.5	-40.3	261.5	42.2	41.7	6.3	322.3	323.4	0.3	45.3	41.5	79.
27.5	77.0	8273.0	353.0	-33.1	-44.5	262.2	41.2	40.8	5.6	323.2	324.0	0.2	30.7	42.5	79.
27.9	78.0	8393.4	347.0	-33.7	-49.9	263.3	39.9	39.6	4.6	324.1	324.5	0.1	17.5	43.4	79.
28.4	79.0	8515.5	341.0	-34.7	-53.1	264.9	40.0	39.9	3.6	324.2	324.5	0.1	13.3	44.5	79.
28.7	80.0	8639.3	335.0	-35.4	-54.2	266.0	40.9	40.8	2.9	325.0	325.2	0.1	12.4	45.3	79.
29.3	81.0	8807.2	327.0	-36.6	-56.6	268.0	43.2	43.2	1.5	325.6	325.8	0.1	10.4	46.8	80.
29.7	82.0	8935.3	321.0	-37.4	-57.2	269.2	44.2	44.2	0.5	326.2	326.4	0.0	10.5	47.8	80.
30.0	83.0	9065.3	315.0	-38.2	-57.4	269.8	44.6	44.6	0.1	326.8	327.0	0.0	11.2	48.7	80.
30.5	84.0	9197.4	309.0	-39.2	-58.1	269.9	46.0*	46.0	0.1	327.3	327.4	0.0	11.3	49.9	80.
30.9	85.0	9331.4	303.0	-40.4	99.9	269.2	49.1*	49.1	0.7	327.5	999.9	99.9	999.9	51.0	81.
31.3	86.0	9490.3	296.0	-41.8	99.9	268.1	50.9*	50.8	1.7	327.7	999.9	99.9	999.9	52.1	81.
31.8	87.0	9605.5	291.0	-42.8	99.9	265.9	50.0*	49.9	3.6	327.9	999.9	99.9	999.9	54.1	81.
32.4	88.0	9745.7	285.0	-44.1	99.9	262.3	30.5	30.2	4.1	328.1	999.9	99.9	999.9	55.5	81.
32.8	89.0	9888.0	279.0	-45.3	99.9	999.9	99.9	99.9	99.9	328.2	999.9	99.9	999.9	999.9	999.
33.3	90.0	10008.5	274.0	-46.1	99.9	999.9	99.9	99.9	99.9	328.9	999.9	99.9	999.9	999.9	999.
33.8	91.0	10130.8	269.0	-46.9	99.9	999.9	99.9	99.9	99.9	329.3	999.9	99.9	999.9	999.9	999.
34.4	92.0	10279.8	263.0	-48.3	99.9	999.9	99.9	99.9	99.9	329.5	999.9	99.9	999.9	999.9	999.
34.8	93.0	10431.5	257.0	-49.3	99.9	999.9	99.9	99.9	99.9	330.2	999.9	99.9	999.9	999.9	999.
35.3	94.0	10560.0	252.0	-50.5	99.9	999.9	99.9	99.9	99.9	330.2	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

7 FEBRUARY 1975  
1115 GMT

146 24. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.7	95.0	10690.3	247.0	-51.6	99.9	999.9	99.9	99.9	99.9	330.5	999.9	99.9	999.9	999.9	999.9
36.1	96.0	10849.7	241.0	-52.4	99.9	999.9	99.9	99.9	99.9	331.7	999.9	99.9	999.9	999.9	999.9
36.5	97.0	10985.0	236.0	-53.2	99.9	999.9	99.9	99.9	99.9	332.5	999.9	99.9	999.9	999.9	999.9
36.9	98.0	11122.6	231.0	-54.3	99.9	999.9	99.9	99.9	99.9	332.8	999.9	99.9	999.9	999.9	999.9
37.4	99.0	11262.6	226.0	-55.4	99.9	999.9	99.9	99.9	99.9	333.2	999.9	99.9	999.9	999.9	999.9
38.0	100.0	11405.0	221.0	-56.2	99.9	999.9	99.9	99.9	99.9	334.0	999.9	99.9	999.9	999.9	999.9
38.8	101.0	11581.8	215.0	-51.4	99.9	999.9	99.9	99.9	99.9	344.1	999.9	99.9	999.9	999.9	999.9
39.4	102.0	11734.6	210.0	-51.4	99.9	999.9	99.9	99.9	99.9	346.5	999.9	99.9	999.9	999.9	999.9
39.8	103.0	11890.9	205.0	-52.1	99.9	999.9	99.9	99.9	99.9	347.9	999.9	99.9	999.9	999.9	999.9
40.2	104.0	12018.1	201.0	-53.5	99.9	999.9	99.9	99.9	99.9	347.6	999.9	99.9	999.9	999.9	999.9
40.7	105.0	12179.8	196.0	-54.6	99.9	999.9	99.9	99.9	99.9	348.3	999.9	99.9	999.9	999.9	999.9
41.3	106.0	12344.8	191.0	-55.6	99.9	999.9	99.9	99.9	99.9	349.3	999.9	99.9	999.9	999.9	999.9
41.9	107.0	12479.5	187.0	-56.4	99.9	999.9	99.9	99.9	99.9	350.1	999.9	99.9	999.9	999.9	999.9
42.5	108.0	12616.6	183.0	-56.9	99.9	999.9	99.9	99.9	99.9	351.5	999.9	99.9	999.9	999.9	999.9
43.1	109.0	12791.8	178.0	-57.4	99.9	999.9	99.9	99.9	99.9	353.4	999.9	99.9	999.9	999.9	999.9
43.8	110.0	12935.3	174.0	-57.9	99.9	999.9	99.9	99.9	99.9	354.9	999.9	99.9	999.9	999.9	999.9
44.5	111.0	13155.8	168.0	-59.3	99.9	999.9	99.9	99.9	99.9	356.2	999.9	99.9	999.9	999.9	999.9
45.1	112.0	13306.5	164.0	-60.0	99.9	999.9	99.9	99.9	99.9	357.4	999.9	99.9	999.9	999.9	999.9
45.8	113.0	13460.5	160.0	-60.4	99.9	999.9	99.9	99.9	99.9	359.4	999.9	99.9	999.9	999.9	999.9
46.5	114.0	13617.9	156.0	-61.5	99.9	999.9	99.9	99.9	99.9	360.1	999.9	99.9	999.9	999.9	999.9
47.1	115.0	13778.6	152.0	-62.4	99.9	999.9	99.9	99.9	99.9	361.2	999.9	99.9	999.9	999.9	999.9
47.9	116.0	13985.3	147.0	-61.9	99.9	999.9	99.9	99.9	99.9	365.6	999.9	99.9	999.9	999.9	999.9
48.6	117.0	14155.9	143.0	-62.2	99.9	999.9	99.9	99.9	99.9	367.9	999.9	99.9	999.9	999.9	999.9
49.2	118.0	14330.6	139.0	-63.7	99.9	999.9	99.9	99.9	99.9	368.2	999.9	99.9	999.9	999.9	999.9
49.8	119.0	14509.1	135.0	-65.1	99.9	999.9	99.9	99.9	99.9	368.9	999.9	99.9	999.9	999.9	999.9
50.3	120.0	14645.9	132.0	-65.5	99.9	999.9	99.9	99.9	99.9	370.5	999.9	99.9	999.9	999.9	999.9
51.0	121.0	14832.6	128.0	-66.5	99.9	999.9	99.9	99.9	99.9	372.0	999.9	99.9	999.9	999.9	999.9
51.7	122.0	15024.3	124.0	-67.4	99.9	999.9	99.9	99.9	99.9	373.9	999.9	99.9	999.9	999.9	999.9
52.4	123.0	15171.7	121.0	-68.2	99.9	999.9	99.9	99.9	99.9	374.9	999.9	99.9	999.9	999.9	999.9
53.1	124.0	15373.2	117.0	-68.7	99.9	999.9	99.9	99.9	99.9	377.8	999.9	99.9	999.9	999.9	999.9
53.9	125.0	15528.4	114.0	-69.8	99.9	999.9	99.9	99.9	99.9	378.5	999.9	99.9	999.9	999.9	999.9
54.8	126.0	15795.2	109.0	-70.4	99.9	999.9	99.9	99.9	99.9	382.1	999.9	99.9	999.9	999.9	999.9
55.4	127.0	15960.9	106.0	-70.4	99.9	999.9	99.9	99.9	99.9	385.2	999.9	99.9	999.9	999.9	999.9
56.1	128.0	16131.1	103.0	-71.1	99.9	999.9	99.9	99.9	99.9	387.1	999.9	99.9	999.9	999.9	999.9
56.9	129.0	16365.5	99.0	-71.1	99.9	999.9	99.9	99.9	99.9	391.5	999.9	99.9	999.9	999.9	999.9
57.7	130.0	16547.4	96.0	-71.6	99.9	999.9	99.9	99.9	99.9	394.0	999.9	99.9	999.9	999.9	999.9
58.6	131.0	16798.2	92.0	-72.3	99.9	999.9	99.9	99.9	99.9	397.4	999.9	99.9	999.9	999.9	999.9
59.4	132.0	17059.4	88.0	-72.8	99.9	999.9	99.9	99.9	99.9	401.5	999.9	99.9	999.9	999.9	999.9
60.3	133.0	17263.0	85.0	-72.8	99.9	999.9	99.9	99.9	99.9	405.6	999.9	99.9	999.9	999.9	999.9
61.2	134.0	17473.9	82.0	-72.8	99.9	999.9	99.9	99.9	99.9	409.7	999.9	99.9	999.9	999.9	999.9
62.0	135.0	17693.1	79.0	-72.1	99.9	999.9	99.9	99.9	99.9	415.6	999.9	99.9	999.9	999.9	999.9
63.0	136.0	17997.6	75.0	-74.0	99.9	999.9	99.9	99.9	99.9	417.7	999.9	99.9	999.9	999.9	999.9
64.2	137.0	18317.9	71.0	-73.3	99.9	999.9	99.9	99.9	99.9	425.9	999.9	99.9	999.9	999.9	999.9
65.4	138.0	18571.0	68.0	-72.8	99.9	999.9	99.9	99.9	99.9	432.3	999.9	99.9	999.9	999.9	999.9
66.7	139.0	18930.3	64.0	-68.9	99.9	999.9	99.9	99.9	99.9	448.4	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 211  
TAMPA, FLA

7 FEBRUARY 1975  
1115 GMT

146 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
68.0	140.0	19218.8	61.0	-67.2	99.9	999.9	99.9	99.9	99.9	458.4	999.9	99.9	999.9	999.9	999.9
69.3	141.0	19632.2	57.0	-63.0	99.9	999.9	99.9	99.9	99.9	476.9	999.9	99.9	999.9	999.9	999.9
70.8	142.0	20079.9	53.0	-63.2	99.9	999.9	99.9	99.9	99.9	486.5	999.9	99.9	999.9	999.9	999.9
72.1	143.0	20437.5	50.0	-64.1	99.9	999.9	99.9	99.9	99.9	492.4	999.9	99.9	999.9	999.9	999.9
74.0	144.0	20950.3	46.0	-62.2	99.9	999.9	99.9	99.9	99.9	508.9	999.9	99.9	999.9	999.9	999.9
75.5	145.0	21512.7	42.0	-62.0	99.9	999.9	99.9	99.9	99.9	522.7	999.9	99.9	999.9	999.9	999.9
77.2	146.0	21972.7	39.0	-60.4	99.9	999.9	99.9	99.9	99.9	538.1	999.9	99.9	999.9	999.9	999.9
79.2	147.0	22645.4	35.0	-61.5	99.9	999.9	99.9	99.9	99.9	552.2	999.9	99.9	999.9	999.9	999.9
81.4	148.0	23402.9	31.0	-58.6	99.9	999.9	99.9	99.9	99.9	579.4	999.9	99.9	999.9	999.9	999.9
83.7	149.0	24044.3	28.0	-57.4	99.9	999.9	99.9	99.9	99.9	599.9	999.9	99.9	999.9	999.9	999.9
86.2	150.0	25015.7	24.0	-58.6	99.9	999.9	99.9	99.9	99.9	623.4	999.9	99.9	999.9	999.9	999.9

STATION NO. 213  
WAYCROSS, GA

5 FEBRUARY 1975  
2315 GMT

161 18. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	4.0	44.0	1009.5	17.4	15.2	200.0	2.1	0.7	2.0	291.2	319.2	10.9	87.0	0.0	0.
0.6	5.0	150.7	997.0	17.2	15.7	265.8	4.3	4.3	0.3	292.1	321.4	11.3	90.6	0.3	39.
1.0	6.0	280.4	982.0	16.8	15.1	249.3	6.8	6.4	2.4	292.9	321.7	11.1	89.6	0.4	50.
1.3	7.0	385.4	970.0	16.2	14.4	246.6	8.8	8.1	3.5	293.3	321.1	10.7	88.9	0.6	54.
1.7	8.0	491.5	958.0	15.6	14.1	246.5	10.0	9.2	4.0	293.7	321.4	10.6	90.7	0.8	57.
2.1	9.0	589.6	947.0	14.8	13.8	248.0	9.9	9.2	3.7	293.8	321.4	10.6	93.9	1.0	60.
2.5	10.0	657.7	935.0	14.0	13.2	247.1	10.5	9.7	4.1	294.1	320.9	10.3	94.8	1.2	61.
2.9	11.0	825.1	921.0	13.0	12.5	247.3	10.6	9.8	4.1	294.3	320.1	9.8	95.6	1.5	62.
3.2	12.0	935.5	909.0	11.9	11.5	247.4	10.4	9.6	4.0	294.1	318.9	9.4	97.5	1.7	63.
3.7	13.0	1037.6	898.0	11.3	10.9	246.9	9.9	9.1	3.9	294.5	318.8	9.2	97.4	2.0	64.
4.0	14.0	1140.9	887.0	11.5	10.7	246.3	9.5	8.7	3.8	295.8	320.1	9.2	94.9	2.2	64.
4.5	15.0	1245.4	876.0	11.1	10.3	244.4	9.6	8.6	4.1	296.4	320.5	9.0	94.7	2.5	64.
5.0	16.0	1380.3	862.0	10.9	10.1	249.3	11.3	10.6	4.0	297.6	321.9	9.1	94.7	2.8	64.
5.4	17.0	1487.6	851.0	10.5	8.8	253.2	12.6	12.1	3.6	298.2	320.9	8.4	89.1	3.1	65.
5.7	18.0	1596.1	840.0	9.8	8.0	254.6	13.2	12.7	3.5	298.5	320.2	8.0	88.3	3.3	66.
6.0	19.0	1695.8	830.0	9.3	7.2	255.3	13.5	13.1	3.4	298.9	319.8	7.7	86.8	3.5	66.
6.4	20.0	1806.5	819.0	8.4	6.7	256.3	14.0	13.6	3.3	299.0	319.6	7.6	89.3	3.9	67.
6.8	21.0	1938.9	806.0	7.8	6.8	257.6	14.7	14.4	3.2	299.9	320.9	7.7	93.0	4.2	68.
7.1	22.0	2041.9	796.0	6.8	6.0	258.2	15.3	15.0	3.1	299.7	320.0	7.4	95.2	4.5	68.
7.5	23.0	2156.4	785.0	6.2	5.4	258.2	16.2	15.9	3.3	300.3	320.1	7.2	94.7	4.8	69.
7.8	24.0	2261.6	775.0	5.5	4.8	257.5	16.7	16.3	3.6	300.7	319.9	7.0	95.0	5.1	70.
8.1	25.0	2367.9	765.0	4.7	4.0	256.9	17.0	16.5	3.9	300.8	319.2	6.7	95.1	5.5	70.
8.6	26.0	2507.7	752.0	3.8	3.2	255.9	17.1	16.6	4.2	301.3	319.2	6.5	95.9	6.0	71.
9.0	27.0	2616.6	742.0	3.0	2.4	255.8	17.2	16.7	4.2	301.5	318.7	6.2	96.0	6.4	71.
9.5	28.0	2715.5	733.0	2.2	1.6	256.1	17.7	17.2	4.3	301.6	318.0	5.9	96.0	6.8	71.
9.9	29.0	2826.4	723.0	1.2	0.6	256.2	18.1	17.6	4.3	301.7	317.2	5.5	96.0	7.3	72.
10.3	30.0	2938.6	713.0	0.7	-0.0	256.8	18.2	17.7	4.2	302.3	317.5	5.4	95.1	7.8	72.
10.7	31.0	3052.1	703.0	0.0	-0.8	257.9	18.2	17.8	3.8	302.8	317.4	5.2	94.4	8.2	72.
11.1	32.0	3166.9	693.0	-1.1	-1.5	259.4	18.3	18.0	3.4	302.8	316.4	4.8	94.0	8.6	72.
11.6	33.0	3282.8	683.0	-2.2	-3.4	260.6	18.5	18.2	3.0	302.7	315.2	4.4	91.2	9.2	73.
12.0	34.0	3388.0	674.0	-3.6	-6.7	260.2	18.6	18.4	3.2	302.2	312.1	3.4	79.1	9.6	73.
12.4	35.0	3494.3	665.0	-3.6	-14.0	258.8	19.0	18.6	3.7	303.2	309.0	1.9	44.0	10.0	74.
12.9	36.0	3638.3	653.0	-3.4	-15.3	257.1	19.5	19.0	4.4	304.9	310.3	1.8	39.1	10.6	74.
13.2	37.0	3748.0	644.0	-4.2	-5.6	256.3	19.7	19.1	4.7	305.5	316.9	3.9	89.9	11.0	74.
13.7	38.0	3859.0	635.0	-4.8	-6.7	255.5	19.9	19.2	5.0	306.0	316.7	3.7	86.6	11.6	74.
14.1	39.0	3971.3	626.0	-5.1	-13.5	255.6	19.8	19.2	4.9	306.7	313.0	2.1	49.9	12.1	74.
14.5	40.0	4085.1	617.0	-5.3	-17.6	256.5	19.9	19.4	4.6	307.7	312.5	1.5	37.0	12.5	74.
15.0	41.0	4226.2	606.0	-5.9	-41.3	259.8	20.5	20.1	4.0	308.4	309.0	0.2	4.1	13.1	74.
15.5	42.0	4343.2	597.0	-6.5	-54.0	261.4	21.6	21.3	3.2	309.1	309.2	0.0	1.0	13.7	75.
15.9	43.0	4448.4	589.0	-7.5	-49.2	262.7	22.5	22.3	2.8	309.0	309.3	0.1	1.9	14.3	75.
16.3	44.0	4568.0	580.0	-8.5	-55.3	262.9	23.4	23.2	2.9	309.2	309.3	0.0	1.0	14.8	75.
16.8	45.0	4675.4	572.0	-9.6	-56.0	261.5	24.7	24.4	3.6	309.2	309.4	0.0	1.0	15.5	76.
17.1	46.0	4797.9	563.0	-9.7	-56.1	260.2	25.5	25.1	4.3	310.5	310.6	0.0	1.0	16.0	76.
17.6	47.0	4908.1	555.0	-10.6	-56.6	258.4	26.5	26.0	5.4	310.7	310.8	0.0	1.0	16.7	76.
17.9	48.0	5019.7	547.0	-11.0	-56.9	258.0	26.5	25.9	5.5	311.5	311.6	0.0	1.0	17.3	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

5 FEBRUARY 1975  
2315 GMT

161 18. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.2	49.0	5132.8	539.0	-11.3	-57.1	258.2	26.0	25.4	5.3	312.5	312.6	0.0	1.0	17.8	76.
18.7	50.0	5247.2	531.0	-12.4	-57.8	259.2	25.0	24.5	4.7	312.4	312.6	0.0	1.0	18.5	76.
19.2	51.0	5392.3	521.0	-13.0	-58.1	260.0	25.0	24.6	4.3	313.5	313.6	0.0	1.0	19.2	76.
19.6	52.0	5509.9	513.0	-14.2	-55.6	260.1	25.9	25.5	4.5	313.3	313.5	0.0	1.5	19.8	76.
20.0	53.0	5628.9	505.0	-15.2	-53.1	259.4	27.5	27.0	5.1	313.6	313.8	0.1	2.3	20.4	76.
20.4	54.0	5734.2	498.0	-16.0	-51.4	258.4	28.7	28.1	5.8	313.8	314.0	0.1	2.9	21.1	77.
20.9	55.0	5856.0	490.0	-16.9	-51.7	257.3	29.6	28.9	6.5	314.2	314.5	0.1	3.0	22.1	77.
21.4	56.0	5995.0	481.0	-17.3	-53.7	256.3	30.6	29.7	7.3	315.4	315.6	0.1	2.5	22.9	77.
21.8	57.0	6104.7	474.0	-18.2	-56.1	255.2	32.1	31.0	8.2	315.6	315.7	0.0	2.0	23.6	77.
22.2	58.0	6231.6	466.0	-18.9	-58.9	254.1	33.5	32.2	9.1	316.2	316.4	0.0	1.5	24.4	77.
22.6	59.0	6344.2	459.0	-19.6	-58.9	253.2	34.2	32.7	9.9	316.8	316.9	0.0	1.6	25.3	76.
23.1	60.0	6458.2	452.0	-20.2	-59.0	252.4	33.7	32.2	10.2	317.3	317.4	0.0	1.7	26.3	76.
23.5	61.0	6573.6	445.0	-21.1	-63.3	251.8	33.6	32.0	10.5	317.7	317.8	0.0	1.0	27.1	76.
24.0	62.0	6690.5	438.0	-21.9	-62.3	251.2	35.3	33.4	11.4	318.2	318.2	0.0	1.2	28.0	76.
24.4	63.0	6809.0	431.0	-22.5	-62.3	250.4	36.5	34.4	12.3	318.8	318.8	0.0	1.3	29.0	76.
24.8	64.0	6929.0	424.0	-23.3	-62.3	249.2	36.5	34.1	13.0	319.2	319.3	0.0	1.4	29.9	76.
25.3	65.0	7050.5	417.0	-24.6	-48.7	247.1	35.3	32.5	13.7	319.1	319.5	0.1	8.5	31.0	75.
25.8	66.0	7208.9	408.0	-25.8	-47.2	244.6	34.4	31.1	14.8	319.5	320.0	0.1	11.3	32.0	75.
26.2	67.0	7316.0	402.0	-26.9	-41.9	242.2	34.9	30.9	16.3	319.5	320.4	0.2	22.5	32.8	75.
26.6	68.0	7442.5	395.0	-27.7	-42.4	239.6	36.6	31.5	18.5	320.1	320.9	0.2	22.9	33.5	75.
26.9	69.0	7552.4	389.0	-28.5	-48.4	237.5	38.5	32.5	20.7	320.5	320.9	0.1	12.7	34.2	74.
27.3	70.0	7682.3	382.0	-29.4	-36.6	235.1	41.2	33.8	23.6	321.0	322.5	0.4	49.4	35.1	74.
27.9	71.0	7833.1	374.0	-30.6	-36.1	233.1	44.5	35.6	26.7	321.3	323.0	0.5	58.2	36.6	73.
28.4	72.0	7947.9	368.0	-31.4	-33.4	232.6	45.7	36.3	27.8	321.8	323.9	0.6	82.5	37.9	72.
28.9	73.0	8064.1	362.0	-32.4	-40.5	232.2	45.4	35.8	27.8	321.9	322.9	0.3	44.1	39.3	71.
29.4	74.0	8181.8	356.0	-33.0	-47.4	231.7	44.9	35.3	27.8	322.7	323.2	0.1	21.7	40.5	71.
29.8	75.0	8301.1	350.0	-34.2	-46.9	231.6	45.9	36.0	28.5	322.6	323.2	0.2	25.9	41.4	70.
30.3	76.0	8421.8	344.0	-35.4	-47.7	231.1	47.5	37.0	29.8	322.6	323.1	0.1	26.7	42.8	70.
30.8	77.0	8564.7	337.0	-36.4	-43.9	229.8	47.9	36.5	30.9	323.0	323.9	0.2	45.6	44.3	69.
31.2	78.0	8668.4	332.0	-36.6	-40.2	223.5	47.1	35.3	31.2	324.3	325.5	0.3	68.4	45.3	69.
31.6	79.0	8794.7	326.0	-37.0	-40.4	227.7	46.5	34.4	31.3	325.4	326.6	0.3	70.2	46.3	68.
32.0	80.0	8922.9	320.0	-39.0	-41.6	228.2	46.7	34.8	31.1	325.6	326.7	0.3	68.5	47.3	68.
32.6	81.0	9074.9	313.0	-39.1	-43.0	230.6	47.2*	36.4	30.0	326.2	327.2	0.3	66.5	49.0	67.
33.0	82.0	9185.2	308.0	-39.7	-43.1	232.4	47.2*	37.4	28.8	326.9	327.9	0.3	68.9	50.1	67.
33.6	83.0	9297.0	303.0	-40.3	99.9	234.5	46.6*	37.9	27.1	327.6	999.9	99.9	999.9	51.7	66.
34.0	84.0	9433.1	297.0	-41.2	99.9	235.1	45.7*	37.5	26.2	328.3	999.9	99.9	999.9	53.0	66.
34.6	85.0	9548.2	292.0	-42.3	99.9	234.5	46.5*	37.8	26.9	328.3	999.9	99.9	999.9	54.3	66.
35.1	86.0	9711.9	285.0	-43.5	99.9	233.8	49.6*	40.1	29.3	328.8	999.9	99.9	999.9	55.7	65.
35.6	87.0	9830.7	280.0	-44.4	99.9	233.4	53.3*	42.8	31.8	329.3	999.9	99.9	999.9	57.3	65.
36.1	88.0	9951.2	275.0	-45.4	99.9	233.5	56.2*	45.2	33.4	329.5	999.9	99.9	999.9	58.9	65.
36.6	89.0	10073.3	270.0	-46.5	99.9	233.8	58.5*	47.2	34.6	329.6	999.9	99.9	999.9	60.6	64.
37.0	90.0	10197.0	265.0	-48.0	99.9	233.8	60.0*	48.4	35.4	329.2	999.9	99.9	999.9	62.1	64.
37.5	91.0	10322.4	260.0	-48.8	99.9	233.6	60.2*	48.4	35.7	329.7	999.9	99.9	999.9	63.8	64.
38.0	92.0	10449.6	255.0	-50.2	99.9	233.3	58.9*	47.3	35.2	329.6	999.9	99.9	999.9	65.7	64.
38.4	93.0	10578.7	250.0	-50.9	99.9	233.0	58.5*	46.8	35.2	330.3	999.9	99.9	999.9	67.0	63.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

5 FEBRUARY 1975  
2315 GMT

161 18. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.9	94.0	10709.9	245.0	-52.2	99.9	232.5	59.9*	47.5	36.4	330.4	999.9	99.9	999.9	68.6	63.
39.3	95.0	10816.1	241.0	-53.3	99.9	232.0	61.4*	48.4	37.8	330.3	999.9	99.9	999.9	70.1	63.
40.0	96.0	10978.1	235.0	-54.4	99.9	230.7	61.5*	47.6	38.9	331.1	999.9	99.9	999.9	72.8	62.
40.5	97.0	11087.9	231.0	-55.5	99.9	229.9	59.0*	45.1	38.0	331.0	999.9	99.9	999.9	74.4	62.
40.9	98.0	11227.1	226.0	-56.3	99.9	229.4	55.0*	42.5	36.4	331.8	999.9	99.9	999.9	76.0	62.
41.3	99.0	11340.3	222.0	-57.3	99.9	229.3	53.7*	40.7	35.0	332.0	999.9	99.9	999.9	77.2	62.
41.8	100.0	11483.8	217.0	-58.9	99.9	230.0	53.8*	41.2	34.6	331.7	999.9	99.9	999.9	78.5	61.
42.4	101.0	11629.7	212.0	-59.9	99.9	231.5	56.7*	44.4	35.3	332.3	999.9	99.9	999.9	80.5	61.
42.9	102.0	11778.6	207.0	-60.6	99.9	232.1	55.5*	43.8	34.1	333.5	999.9	99.9	999.9	82.5	61.
43.3	103.0	11900.0	203.0	-60.8	99.9	232.2	53.0*	41.9	32.5	335.1	999.9	99.9	999.9	83.7	61.
43.9	104.0	12023.5	199.0	-61.9	99.9	232.6	53.2*	42.3	32.3	335.3	999.9	99.9	999.9	85.2	61.
44.4	105.0	12149.0	195.0	-62.2	99.9	233.8	57.8*	46.7	34.1	336.6	999.9	99.9	999.9	87.0	61.
45.0	106.0	12278.1	191.0	-58.7	99.9	235.8	63.2*	52.2	35.5	344.4	999.9	99.9	999.9	89.2	60.
45.6	107.0	12412.1	187.0	-55.5	99.9	237.4	67.1*	56.5	36.1	351.6	999.9	99.9	999.9	91.5	60.
46.1	108.0	12550.0	183.0	-55.2	99.9	238.4	69.6*	59.3	36.5	354.3	999.9	99.9	999.9	93.6	60.
46.6	109.0	12691.0	179.0	-55.7	99.9	239.8	70.7*	61.1	35.6	355.7	999.9	99.9	999.9	95.8	60.
47.1	110.0	12798.9	176.0	-54.7	99.9	242.1	70.0*	61.9	32.8	359.1	999.9	99.9	999.9	97.8	60.
47.8	111.0	12982.8	171.0	-55.8	99.9	245.9	64.2*	58.6	26.3	360.2	999.9	99.9	999.9	100.9	60.
48.4	112.0	13095.2	168.0	-56.8	99.9	248.0	59.4*	55.1	22.3	360.3	999.9	99.9	999.9	102.9	61.
49.0	113.0	13247.7	164.0	-57.5	99.9	247.6	63.1*	58.3	24.0	361.7	999.9	99.9	999.9	104.8	61.
49.7	114.0	13364.2	161.0	-58.0	99.9	246.8	74.3*	68.2	29.3	362.8	999.9	99.9	999.9	107.8	61.
50.2	115.0	13522.3	157.0	-59.2	99.9	247.1	79.6*	73.3	30.9	363.3	999.9	99.9	999.9	110.2	61.
51.0	116.0	13682.7	153.0	-60.1	99.9	248.0	83.5*	77.4	31.3	364.5	999.9	99.9	999.9	114.0	61.
51.6	117.0	13848.8	149.0	-60.6	99.9	248.7	79.6**	74.2	28.9	366.4	999.9	99.9	999.9	117.2	61.
52.1	118.0	13975.5	146.0	-60.6	99.9	249.6	70.6**	66.2	24.6	368.5	999.9	99.9	999.9	119.7	62.
52.8	119.0	14104.7	143.0	-60.6	99.9	249.7	55.6**	52.2	19.3	370.7	999.9	99.9	999.9	122.1	62.
53.3	120.0	14281.3	139.0	-60.6	99.9	247.8	46.2**	42.8	17.4	373.7	999.9	99.9	999.9	123.6	62.
53.8	121.0	14417.0	136.0	-61.1	99.9	244.1	39.0**	35.1	17.0	375.1	999.9	99.9	999.9	124.8	62.
54.3	122.0	14555.2	133.0	-62.2	99.9	239.7	35.0**	30.3	17.7	375.6	999.9	99.9	999.9	125.8	62.
54.9	123.0	14696.0	130.0	-62.6	99.9	236.2	35.4**	29.4	19.7	377.4	999.9	99.9	999.9	127.0	62.
55.5	124.0	14839.8	127.0	-63.0	99.9	234.7	42.4**	34.6	24.5	379.2	999.9	99.9	999.9	128.2	62.
55.9	125.0	14986.5	124.0	-64.5	99.9	233.6	49.7**	40.0	29.4	379.0	999.9	99.9	999.9	129.3	62.
56.7	126.0	15186.1	120.0	-66.1	99.9	232.4	51.8**	41.0	31.6	379.7	999.9	99.9	999.9	132.2	61.
57.3	127.0	15339.5	117.0	-66.5	99.9	233.4	44.5**	35.7	26.5	381.7	999.9	99.9	999.9	133.9	61.
57.9	128.0	15443.5	115.0	-67.7	99.9	236.1	46.6**	38.7	26.0	381.3	999.9	99.9	999.9	134.9	61.
58.5	129.0	15602.5	112.0	-68.0	99.9	233.6	54.1**	46.2	28.2	383.8	999.9	99.9	999.9	137.1	61.
59.1	130.0	15765.5	109.0	-68.4	99.9	241.9	49.8**	43.9	23.5	386.0	999.9	99.9	999.9	139.3	61.
59.8	131.0	15932.8	106.0	-68.6	99.9	245.3	48.5**	44.0	20.3	388.7	999.9	99.9	999.9	140.7	61.
60.5	132.0	16104.2	103.0	-70.1	99.9	245.4	58.9**	53.6	24.5	389.0	999.9	99.9	999.9	143.1	61.
61.1	133.0	16220.6	101.0	-70.8	99.9	244.9	65.0**	59.6	27.9	389.8	999.9	99.9	999.9	145.4	61.
61.8	134.0	16399.4	98.0	-70.6	99.9	243.6	68.9**	61.6	30.7	393.7	999.9	99.9	999.9	148.3	61.
62.5	135.0	16584.1	95.0	-70.1	99.9	240.7	58.7**	51.2	28.8	398.1	999.9	99.9	999.9	151.3	61.
63.2	136.0	16774.6	92.0	-70.8	99.9	232.5	29.9**	23.8	18.2	400.4	999.9	99.9	999.9	153.5	61.
64.0	137.0	16971.0	89.0	-71.0	99.9	229.7	21.6**	16.5	13.9	403.8	999.9	99.9	999.9	153.3	61.
64.7	138.0	17173.9	86.0	-71.3	99.9	237.0	34.3**	28.8	18.7	407.3	999.9	99.9	999.9	155.0	61.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

5 FEBRUARY 1975  
2315 GMT

161 18. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	POPS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.3	139.0	17383.0	83.0	-72.9	99.9	235.2	36.0**	29.5	20.6	408.1	999.9	99.9	999.9	156.5	61.
66.1	140.0	17525.9	81.0	-73.4	99.9	229.8	33.1**	25.3	21.4	409.9	999.9	99.9	999.9	158.0	61.
66.8	141.0	17747.6	78.0	-71.9	99.9	228.5	24.1**	18.1	16.0	417.4	999.9	99.9	999.9	159.6	61.
67.7	142.0	17979.0	75.0	-71.5	99.9	242.1	17.2**	15.2	8.0	423.0	999.9	99.9	999.9	160.0	61.
68.4	143.0	18219.1	72.0	-73.1	99.9	249.4	23.9**	22.4	8.4	424.5	999.9	99.9	999.9	161.1	61.
69.3	144.0	18468.5	69.0	-73.1	99.9	307.9	4.4**	3.5	-2.7	429.7	999.9	99.9	999.9	162.4	61.
70.2	145.0	18640.8	67.0	-73.1	99.9	55.2	21.2**	-17.4	-12.1	433.3	999.9	99.9	999.9	161.4	61.
71.1	146.0	18909.0	64.0	-73.4	99.9	315.8	2.9**	2.0	-2.1	438.5	999.9	99.9	999.9	159.8	61.
72.0	147.0	19095.4	62.0	-72.2	99.9	250.0	29.2**	27.4	10.0	445.2	999.9	99.9	999.9	161.3	61.
73.0	148.0	19388.2	59.0	-71.0	99.9	253.2	13.5**	12.9	3.9	454.1	999.9	99.9	999.9	163.5	61.
74.0	149.0	19594.1	57.0	-67.5	99.9	349.7	7.2**	1.3	-7.1	466.5	999.9	99.9	999.9	162.9	61.
75.1	150.0	19920.9	54.0	-66.1	99.9	257.3	22.9*	22.3	5.0	477.1	999.9	99.9	999.9	163.2	62.
76.2	151.0	20267.2	51.0	-66.5	99.9	246.6	38.5*	35.4	15.3	484.0	999.9	99.9	999.9	165.7	62.
77.3	152.0	20633.8	48.0	-66.9	99.9	250.4	28.4*	26.7	9.5	491.5	999.9	99.9	999.9	168.3	62.
78.6	153.0	20891.0	46.0	-66.7	99.9	253.5	4.0*	3.9	1.1	498.0	999.9	99.9	999.9	169.0	62.
79.8	154.0	21161.0	44.0	-64.9	99.9	256.8	14.4*	14.0	3.3	508.8	999.9	99.9	999.9	170.1	62.
81.3	155.0	21594.1	41.0	-62.6	99.9	313.1	10.4*	7.6	-7.1	524.9	999.9	99.9	999.9	170.4	62.
82.9	156.0	22061.7	38.0	-63.6	99.9	285.7	17.0*	16.4	-4.6	534.0	999.9	99.9	999.9	172.1	62.
84.5	157.0	22394.9	36.0	-61.9	99.9	253.7	12.6*	12.1	3.5	546.7	999.9	99.9	999.9	172.3	63.
86.0	158.0	22748.0	34.0	-62.6	99.9	276.9	16.7*	16.6	-2.0	553.8	999.9	99.9	999.9	172.7	63.
87.8	159.0	23317.7	31.0	-62.6	99.9	250.8	17.0*	16.1	5.6	568.6	999.9	99.9	999.9	174.8	63.
89.8	160.0	23945.9	28.0	-62.2	99.9	250.6	17.9*	16.9	5.9	586.4	999.9	99.9	999.9	178.6	63.
91.8	161.0	24403.6	26.0	-62.4	99.9	248.3	27.1*	25.2	10.0	598.5	999.9	99.9	999.9	179.7	63.
94.2	162.0	25161.0	23.0	-62.1	99.9	250.2	29.6*	27.9	10.1	620.9	999.9	99.9	999.9	184.6	63.
96.8	163.0	25727.1	21.0	-59.4	99.9	259.2	31.3*	30.7	5.9	645.4	999.9	99.9	999.9	188.5	64.
99.7	164.0	26692.7	18.0	-59.2	99.9	999.9	99.9	99.9	99.9	675.0	999.9	99.9	999.9	999.9	999.

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
600 GMT

158 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	44.0	1008.0	17.4	8.0	240.0	3.6	3.1	1.8	290.8	308.5	6.7	54.0	0.0	0.
0.3	5.0	129.3	998.0	17.3	16.7	251.1	11.7	11.1	3.8	292.2	323.4	12.1	96.5	0.2	80.
0.7	6.0	250.3	984.0	16.9	16.3	249.9	12.5	11.7	4.3	293.0	323.9	12.0	96.4	0.3	76.
1.1	7.0	355.1	972.0	16.3	15.6	247.6	13.9	12.8	5.3	293.3	323.4	11.6	96.1	0.7	73.
1.4	8.0	461.0	960.0	15.2	14.6	245.6	14.6	13.3	6.0	293.2	321.8	11.0	95.9	0.9	71.
1.7	9.0	549.9	950.0	14.8	14.2	244.9	13.9	12.6	5.9	293.7	321.9	10.8	96.1	1.2	70.
2.1	10.0	657.7	938.0	14.1	12.9	245.4	12.6	11.4	5.2	293.8	320.2	10.1	92.8	1.5	68.
2.6	11.0	784.9	924.0	13.7	12.2	248.5	12.5	11.6	4.6	294.7	320.4	9.8	91.1	1.9	68.
2.9	12.0	876.9	914.0	13.9	12.1	249.0	12.5	11.7	4.5	295.8	321.6	9.8	89.0	2.1	68.
3.3	13.0	988.6	902.0	13.7	12.0	249.7	12.2	11.4	4.2	296.7	322.8	9.8	89.6	2.4	68.
3.7	14.0	1092.1	891.0	12.7	11.2	251.8	12.1	11.5	3.8	296.7	321.8	9.4	90.7	2.7	69.
4.0	15.0	1187.0	881.0	11.9	9.6	254.1	12.5	12.0	3.4	296.7	319.6	8.5	85.4	2.9	69.
4.5	16.0	1321.2	867.0	11.2	7.9	257.1	13.7	13.4	3.1	297.2	318.1	7.8	80.3	3.3	70.
4.8	17.0	1419.2	857.0	10.6	7.3	257.5	13.5	13.2	2.9	297.6	317.9	7.5	80.1	3.5	70.
5.1	18.0	1525.9	846.0	9.7	6.4	258.1	13.4	13.1	2.8	297.6	317.1	7.2	80.2	3.8	71.
5.6	19.0	1624.7	836.0	8.9	7.0	258.5	13.8	13.5	2.8	297.9	318.4	7.6	87.8	4.2	71.
5.9	20.0	1734.4	825.0	8.0	6.1	256.6	15.2	14.8	3.5	298.0	317.5	7.2	87.2	4.4	72.
6.3	21.0	1855.4	813.0	7.0	4.9	253.4	15.7	15.0	4.5	298.1	316.4	6.7	86.9	4.8	72.
6.7	22.0	1967.4	802.0	5.9	4.8	250.8	15.1	14.3	5.0	298.1	316.5	6.7	92.2	5.2	72.
7.0	23.0	2070.2	792.0	4.9	0.9	249.6	14.2	13.3	5.0	297.9	312.2	5.2	75.5	5.5	72.
7.4	24.0	2173.8	782.0	4.7	-13.7	247.5	13.7	12.7	5.3	298.3	303.3	1.7	24.7	5.8	72.
7.7	25.0	2278.5	772.0	4.0	-27.9	245.7	13.7	12.5	5.6	298.5	300.1	0.5	7.5	6.0	72.
8.2	26.0	2405.8	760.0	4.2	-47.3	242.3	14.1	12.5	6.5	300.0	300.2	0.1	1.0	6.4	71.
8.6	27.0	2513.4	750.0	4.4	-47.2	237.4	14.6	12.6	7.5	301.3	301.6	0.1	1.0	6.7	71.
9.0	28.0	2622.6	740.0	4.5	-47.1	236.5	14.9	12.5	8.3	302.7	302.9	0.1	1.0	7.1	70.
9.3	29.0	2722.1	731.0	4.7	-47.0	234.9	14.7	12.0	8.4	303.9	304.2	0.1	1.0	7.4	69.
9.7	30.0	2834.0	721.0	3.5	-47.8	233.4	14.4	11.5	8.6	303.8	304.1	0.1	1.0	7.7	69.
10.1	31.0	2935.6	712.0	2.7	-48.3	232.9	14.2	11.3	8.6	304.0	304.2	0.1	1.0	8.0	68.
10.5	32.0	3049.7	702.0	1.7	-48.9	233.7	14.4	11.6	8.5	304.1	304.3	0.1	1.0	8.4	67.
10.9	33.0	3153.4	693.0	0.9	-49.4	237.0	14.7	12.3	8.0	304.3	304.5	0.1	1.0	8.7	67.
11.2	34.0	3258.2	684.0	-0.2	-50.1	240.9	14.7	12.9	7.2	304.2	304.4	0.1	1.0	9.0	66.
11.6	35.0	3363.9	675.0	-1.2	-50.7	247.5	15.1	13.9	5.8	304.3	304.5	0.1	1.0	9.3	66.
12.1	36.0	3494.5	664.0	-2.3	-51.4	255.8	16.7	16.2	4.1	304.5	304.7	0.0	1.0	9.7	67.
12.5	37.0	3602.6	655.0	-2.9	-51.8	260.2	19.3	19.0	3.3	305.0	305.1	0.0	1.0	10.1	67.
12.9	38.0	3724.4	645.0	-2.8	-51.7	262.7	22.1	21.9	2.8	306.5	306.7	0.0	1.0	10.6	68.
13.2	39.0	3823.2	637.0	-2.9	-51.8	264.0	23.5	23.4	2.5	307.4	307.6	0.0	1.0	11.1	68.
13.5	40.0	3935.8	628.0	-3.4	-52.1	265.0	24.7	24.6	2.2	308.1	308.3	0.0	1.0	11.5	69.
14.0	41.0	4075.2	617.0	-4.2	-52.6	264.4	25.7	25.6	2.5	308.8	309.0	0.0	1.0	12.3	70.
14.4	42.0	4177.9	609.0	-5.1	-53.1	261.5	27.2	26.9	4.0	308.9	309.1	0.0	1.0	12.7	71.
14.8	43.0	4294.6	600.0	-5.7	-52.6	257.9	29.0	28.4	6.1	309.5	309.7	0.0	1.1	13.5	71.
15.1	44.0	4412.8	591.0	-6.6	-52.5	255.2	30.1	29.1	7.7	309.8	310.0	0.0	1.2	14.1	72.
15.5	45.0	4519.2	583.0	-6.9	-54.3	251.8	30.9	29.3	9.6	310.7	310.8	0.0	1.0	14.7	72.
15.9	46.0	4626.9	575.0	-7.3	-54.6	249.1	30.5	28.5	10.9	311.4	311.5	0.0	1.0	15.6	72.
16.3	47.0	4735.8	567.0	-8.2	-55.1	247.0	30.5	28.1	11.9	311.6	311.7	0.0	1.0	16.3	71.
16.6	48.0	4846.0	559.0	-8.6	-55.4	245.7	30.8	28.1	12.7	312.3	312.5	0.0	1.0	16.8	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
600 GMT

158 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.0	49.0	4971.5	550.0	-9.5	-55.9	244.6	31.9	28.8	13.7	312.8	312.9	0.0	1.0	17.4	71.
17.4	50.0	5070.3	543.0	-10.4	-56.5	244.1	31.9	29.7	13.9	312.9	313.0	0.0	1.0	18.4	71.
17.9	51.0	5213.1	533.0	-11.4	-57.1	244.3	30.5	27.5	13.2	313.3	313.4	0.0	1.0	19.4	70.
18.2	52.0	5328.8	525.0	-12.4	-57.8	244.9	30.1	27.3	12.8	313.5	313.6	0.0	1.0	19.8	70.
18.7	53.0	5446.0	517.0	-12.8	-58.0	246.5	30.8	28.2	12.3	314.4	314.5	0.0	1.0	20.6	70.
19.0	54.0	5564.7	509.0	-13.5	-58.5	247.5	31.8	29.4	12.2	314.9	315.0	0.0	1.0	21.3	70.
19.4	55.0	5669.8	502.0	-14.6	-59.2	248.9	32.7	30.5	11.8	314.8	314.9	0.0	1.0	22.0	70.
19.9	56.0	5806.6	493.0	-15.6	-59.8	250.2	33.6	31.6	11.4	315.2	315.3	0.0	1.0	23.0	70.
20.2	57.0	5929.8	485.0	-16.6	-60.4	250.6	34.5	32.6	11.5	315.5	315.6	0.0	1.0	23.6	70.
20.7	58.0	6039.0	478.0	-16.7	-60.5	250.9	36.4	34.4	11.9	316.7	316.8	0.0	1.0	24.6	70.
21.0	59.0	6165.7	470.0	-17.0	-60.7	250.9	37.6	35.5	12.3	317.9	318.0	0.0	1.0	25.3	70.
21.4	60.0	6278.1	463.0	-18.1	-61.4	250.7	37.5	35.4	12.4	317.9	318.0	0.0	1.0	26.4	70.
21.7	61.0	6391.7	456.0	-19.0	-62.0	250.4	37.2	35.1	12.5	318.1	318.2	0.0	1.0	27.0	70.
22.2	62.0	6506.7	449.0	-19.8	-62.5	249.8	37.1	34.8	12.8	318.5	318.5	0.0	1.0	28.0	70.
22.6	63.0	6623.1	442.0	-20.8	-63.1	249.5	37.8	35.5	13.2	318.7	318.8	0.0	1.0	28.9	70.
23.0	64.0	6740.8	435.0	-21.8	-63.8	249.6	39.1	36.7	13.6	319.8	318.9	0.0	1.0	29.9	70.
23.4	65.0	6860.0	428.0	-22.8	-64.4	249.7	40.9	38.4	14.2	319.1	319.2	0.0	1.0	30.8	70.
23.9	66.0	7015.4	419.0	-24.2	-65.4	249.5	42.9	40.2	15.0	319.2	319.2	0.0	1.0	32.0	70.
24.2	67.0	7120.4	413.0	-25.1	-66.0	249.0	43.4	40.5	15.5	319.3	319.3	0.0	1.0	32.9	70.
24.6	68.0	7244.3	406.0	-26.2	-66.7	248.3	43.3	40.3	16.0	319.5	319.5	0.0	1.0	34.0	70.
25.0	69.0	7351.8	400.0	-27.3	-67.4	247.5	42.4	39.2	16.2	319.5	319.5	0.0	1.0	34.8	70.
25.4	70.0	7478.7	393.0	-28.3	-68.3	246.9	40.5	37.3	15.9	319.8	321.3	0.4	45.7	36.1	70.
25.8	71.0	7625.8	385.0	-29.8	-69.8	246.1	39.2	35.9	15.9	319.8	321.4	0.5	55.5	36.9	70.
26.3	72.0	7737.5	379.0	-30.8	-70.4	245.1	39.6	35.9	16.7	319.8	321.4	0.4	57.6	38.0	70.
26.7	73.0	7850.6	373.0	-31.7	-71.4	244.4	40.7	36.7	17.6	320.0	321.6	0.4	62.7	39.0	69.
27.0	74.0	7965.0	367.0	-32.9	-73.1	244.1	41.6	37.4	18.2	319.9	321.4	0.4	65.8	39.7	69.
27.4	75.0	8080.9	361.0	-33.7	-74.4	244.1	41.1	36.9	18.0	320.4	321.9	0.4	68.9	40.9	69.
27.7	76.0	8217.9	354.0	-34.7	-75.9	243.9	41.1	36.9	18.1	320.9	322.4	0.4	72.0	41.5	69.
28.2	77.0	8317.1	349.0	-35.6	-77.8	243.0	42.7	38.0	19.4	321.0	322.3	0.4	72.0	42.6	69.
28.5	78.0	8437.6	343.0	-36.6	-79.6	242.0	44.8	39.5	21.0	321.1	322.4	0.4	74.1	43.6	69.
29.0	79.0	8559.7	337.0	-37.1	-81.5	239.7	47.5	41.0	24.0	322.2	323.5	0.4	77.8	44.6	69.
29.4	80.0	8683.8	331.0	-38.0	-83.8	237.8	46.1	39.0	24.5	322.6	323.8	0.4	83.0	46.3	68.
29.9	81.0	8830.8	324.0	-38.8	-86.0	236.0	43.4	36.0	24.3	323.4	324.7	0.4	88.6	47.3	68.
30.3	82.0	8958.8	318.0	-39.8	-88.8	235.9	44.1*	36.5	24.7	323.8	325.0	0.3	89.5	48.2	68.
30.7	83.0	9066.9	313.0	-40.8	-91.9	236.6	47.5*	39.6	26.1	323.9	999.9	99.9	999.9	49.3	67.
31.1	84.0	9198.4	307.0	-41.7	-95.9	237.4	52.2*	44.0	28.1	324.5	999.9	99.9	999.9	50.4	67.
31.5	85.0	9309.6	302.0	-42.4	-99.9	237.7	55.5*	46.9	29.6	325.1	999.9	99.9	999.9	51.8	67.
32.0	86.0	9467.6	295.0	-43.8	-99.9	237.1	52.7*	44.3	28.6	325.3	999.9	99.9	999.9	53.7	67.
32.3	87.0	9582.3	290.0	-44.6	-99.9	236.7	49.9*	41.7	27.4	325.7	999.9	99.9	999.9	54.6	67.
32.8	88.0	9658.4	285.0	-45.7	-99.9	236.9	48.7*	40.8	26.6	325.7	999.9	99.9	999.9	55.6	66.
33.2	89.0	9840.0	279.0	-46.4	-99.9	237.9	51.1*	43.3	27.2	326.6	999.9	99.9	999.9	56.8	66.
33.6	90.0	9959.8	274.0	-47.2	-99.9	239.1	54.8*	47.0	28.2	327.3	999.9	99.9	999.9	58.3	66.
34.1	91.0	10081.5	269.0	-48.0	-99.9	239.8	57.3*	49.5	28.8	327.7	999.9	99.9	999.9	59.8	66.
34.5	92.0	10205.0	264.0	-48.8	-99.9	239.5	56.3*	48.5	28.6	328.4	999.9	99.9	999.9	61.5	66.
34.9	93.0	10330.4	259.0	-49.8	-99.9	238.2	52.3*	44.5	27.5	328.7	999.9	99.9	999.9	62.7	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
600 GMT

158 21. 0

TIME MIN	CNTCT'	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.3	94.0	10432.0	255.0	-50.9	99.9	237.1	50.1*	42.1	27.3	328.6	999.9	99.9	999.9	63.9	65.
35.8	95.0	10560.6	250.0	-51.9	99.9	236.3	52.2*	43.4	28.9	328.9	999.9	99.9	999.9	65.0	65.
36.2	96.0	10717.5	244.0	-53.2	99.9	235.9	55.9*	46.3	31.3	329.3	999.9	99.9	999.9	66.3	65.
36.7	97.0	10850.7	239.0	-54.0	99.9	235.0	58.4*	47.9	33.5	330.1	999.9	99.9	999.9	68.4	65.
37.1	98.0	10958.9	235.0	-54.8	99.9	233.7	57.9*	46.7	34.3	330.4	999.9	99.9	999.9	69.7	65.
37.5	99.0	11068.4	231.0	-55.7	99.9	232.4	57.1*	45.3	34.9	330.6	999.9	99.9	999.9	71.0	64.
38.0	100.0	11207.4	226.0	-56.9	99.9	232.2	60.6*	47.9	37.1	330.9	999.9	99.9	999.9	72.7	64.
38.6	101.0	11348.7	221.0	-58.1	99.9	234.0	66.5*	53.8	39.1	331.2	999.9	99.9	999.9	74.7	64.
39.1	102.0	11492.6	216.0	-58.9	99.9	235.2	66.0*	54.2	37.7	332.1	999.9	99.9	999.9	77.2	63.
39.5	103.0	11610.0	212.0	-58.4	99.9	235.2	61.2*	50.2	34.9	334.6	999.9	99.9	999.9	78.7	63.
40.0	104.0	11730.2	208.0	-57.2	99.9	233.7	58.2*	46.8	34.5	334.3	999.9	99.9	999.9	80.4	63.
40.5	105.0	11884.6	203.0	-55.7	99.9	233.3	65.6*	52.6	39.1	343.0	999.9	99.9	999.9	81.4	63.
41.0	106.0	12011.4	199.0	-55.6	99.9	234.8	76.1*	62.2	43.9	345.3	999.9	99.9	999.9	84.2	63.
41.4	107.0	12140.7	195.0	-55.9	99.9	236.2	77.4*	64.3	43.1	346.7	999.9	99.9	999.9	85.9	62.
41.9	108.0	12272.3	191.0	-56.7	99.9	237.5	69.7*	58.8	37.4	347.5	999.9	99.9	999.9	88.8	62.
42.3	109.0	12406.4	187.0	-56.9	99.9	238.2	60.8*	51.7	32.0	349.3	999.9	99.9	999.9	90.0	62.
42.9	110.0	12543.6	183.0	-56.1	99.9	239.4	59.3*	51.1	30.2	352.8	999.9	99.9	999.9	92.1	62.
43.3	111.0	12719.5	178.0	-56.9	99.9	240.4	70.2*	61.0	34.7	354.3	999.9	99.9	999.9	92.5	62.
43.9	112.0	12827.1	175.0	-57.1	99.9	241.4	80.1*	70.3	38.4	355.7	999.9	99.9	999.9	96.9	62.
44.3	113.0	12973.4	171.0	-57.2	99.9	241.9	75.0*	66.2	35.3	357.8	999.9	99.9	999.9	98.7	62.
44.9	114.0	13122.7	167.0	-58.2	99.9	243.4	71.1*	63.6	31.9	358.6	999.9	99.9	999.9	99.9	62.
45.3	115.0	13236.6	164.0	-59.1	99.9	244.5	72.6*	65.5	31.3	359.0	999.9	99.9	999.9	102.3	62.
46.0	116.0	13391.0	160.0	-60.3	99.9	245.3	63.3*	57.5	26.4	359.5	999.9	99.9	999.9	105.9	62.
46.5	117.0	13548.7	156.0	-60.7	99.9	245.0	53.1*	48.1	22.5	361.5	999.9	99.9	999.9	107.0	62.
47.0	118.0	13710.0	152.0	-61.4	99.9	245.3	58.3*	52.9	24.3	362.9	999.9	99.9	999.9	108.3	62.
47.5	119.0	13833.7	149.0	-61.2	99.9	245.0	80.5*	73.0	34.0	365.3	999.9	99.9	999.9	110.6	62.
48.0	120.0	13959.9	146.0	-61.4	99.9	244.1	99.8*	89.7	43.6	367.1	999.9	99.9	999.9	111.6	62.
48.5	121.0	14132.3	142.0	-61.2	99.9	242.5	86.7*	76.9	40.0	370.4	999.9	99.9	999.9	119.1	63.
49.1	122.0	14264.7	139.0	-61.8	99.9	238.0	55.8*	47.3	29.6	371.7	999.9	99.9	999.9	118.5	62.
49.6	123.0	14399.7	136.0	-62.0	99.9	234.8	47.7*	39.0	27.5	373.7	999.9	99.9	999.9	120.0	62.
50.1	124.0	14584.3	132.0	-62.1	99.9	234.7	49.4*	40.3	28.6	376.6	999.9	99.9	999.9	122.3	62.
50.5	125.0	14726.4	129.0	-62.3	99.9	234.5	51.7*	42.1	30.1	378.7	999.9	99.9	999.9	122.1	62.
51.2	126.0	14920.2	125.0	-63.8	99.9	233.6	60.9*	49.0	36.1	379.4	999.9	99.9	999.9	125.3	62.
51.7	127.0	15068.7	122.0	-65.0	99.9	234.0	61.5*	49.7	36.2	379.9	999.9	99.9	999.9	127.1	62.
52.2	128.0	15220.1	119.0	-66.2	99.9	234.9	54.3*	44.4	31.2	380.5	999.9	99.9	999.9	129.3	62.
52.8	129.0	15374.9	116.0	-66.2	99.9	236.7	48.5**	40.6	26.6	383.3	999.9	99.9	999.9	130.6	62.
53.3	130.0	15533.5	113.0	-66.8	99.9	239.3	52.4**	45.1	26.7	385.0	999.9	99.9	999.9	131.8	62.
54.1	131.0	15750.7	109.0	-68.0	99.9	245.6	51.4**	46.8	21.3	386.7	999.9	99.9	999.9	135.3	62.
54.7	132.0	15861.9	107.0	-68.2	99.9	251.7	42.5**	40.4	13.3	388.3	999.9	99.9	999.9	136.4	62.
55.2	133.0	16032.3	104.0	-68.9	99.9	254.3	40.7**	39.2	11.0	390.3	999.9	99.9	999.9	137.5	62.
55.8	134.0	16207.3	101.0	-69.3	99.9	250.5	43.1**	40.6	14.4	392.7	999.9	99.9	999.9	139.0	62.
56.3	135.0	16387.5	98.0	-68.9	99.9	242.6	45.0**	40.0	20.7	396.9	999.9	99.9	999.9	140.3	62.
56.9	136.0	16573.9	95.0	-68.0	99.9	232.1	38.2**	30.1	23.5	402.2	999.9	99.9	999.9	141.8	62.
57.6	137.0	16766.4	92.0	-68.7	99.9	225.1	28.8**	20.4	20.3	404.6	999.9	99.9	999.9	144.3	62.
58.2	138.0	17031.6	88.0	-70.2	99.9	232.2	50.8**	40.2	31.2	406.7	999.9	99.9	999.9	142.9	62.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
.600 GMT

158 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
59.0	139.0	17237.7	85.0	-70.4	99.9	232.6	52.8**	41.9	32.1	410.3	999.9	99.9	999.9	149.0	61.
59.7	140.0	17451.0	82.0	-70.6	99.9	226.5	25.4**	18.5	17.5	414.1	999.9	99.9	999.9	148.6	61.
60.5	141.0	17671.9	79.0	-70.9	99.9	227.8	17.4**	12.9	11.7	418.1	999.9	99.9	999.9	150.4	61.
61.2	142.0	17901.3	76.0	-70.9	99.9	239.2	29.5**	25.4	15.1	422.7	999.9	99.9	999.9	150.0	61.
62.1	143.0	18140.5	73.0	-70.0	99.9	242.3	28.8**	25.5	13.4	429.5	999.9	99.9	999.9	153.5	61.
63.0	144.0	18390.2	70.0	-70.0	99.9	249.8	21.1**	19.8	7.3	434.7	999.9	99.9	999.9	153.8	61.
63.6	145.0	18650.2	67.0	-71.1	99.9	250.1	31.3*	29.4	10.7	437.7	999.9	99.9	999.9	154.1	61.
64.5	146.0	18922.7	64.0	-69.1	99.9	256.5	23.1*	22.5	5.4	447.9	999.9	99.9	999.9	155.8	61.
65.5	147.0	19209.0	61.0	-70.0	99.9	249.3	14.6*	13.6	5.1	452.2	999.9	99.9	999.9	157.9	62.
66.5	148.0	19509.9	58.0	-68.9	99.9	240.2	36.8*	33.7	14.9	461.2	999.9	99.9	999.9	158.0	62.
67.6	149.0	19828.0	55.0	-68.5	99.9	245.4	19.6*	17.8	8.2	469.2	999.9	99.9	999.9	160.4	62.
68.8	150.0	20166.5	52.0	-65.8	99.9	48.7	14.8*	-11.1	-9.8	483.1	999.9	99.9	999.9	161.6	62.
70.0	151.0	20528.5	49.0	-64.6	99.9	249.5	33.1*	31.0	11.6	494.1	999.9	99.9	999.9	161.3	62.
71.2	152.0	20914.8	46.0	-64.2	99.9	254.7	10.6*	10.3	2.8	504.1	999.9	99.9	999.9	163.1	62.
72.5	153.0	21186.9	44.0	-64.2	99.9	9.4	5.6*	-0.9	-5.5	510.5	999.9	99.9	999.9	163.9	62.
73.9	154.0	21619.7	41.0	-63.6	99.9	244.5	18.0*	16.3	7.8	522.4	999.9	99.9	999.9	162.8	62.
75.5	155.0	22086.4	38.0	-63.3	99.9	250.1	10.8*	10.2	3.7	534.8	999.9	99.9	999.9	166.1	62.
77.0	156.0	22592.7	35.0	-62.7	99.9	250.1	10.7*	10.1	3.6	549.0	999.9	99.9	999.9	165.5	62.
78.6	157.0	23145.2	32.0	-62.7	99.9	246.1	41.4*	37.8	16.7	563.3	999.9	99.9	999.9	167.9	62.
80.5	158.0	23544.6	30.0	-61.0	99.9	40.7	10.1*	-6.6	-7.6	578.2	999.9	99.9	999.9	169.8	62.
82.3	159.0	24435.1	26.0	-60.3	99.9	259.3	37.6*	37.0	7.0	604.4	999.9	99.9	999.9	170.7	63.
84.5	160.0	25199.1	23.0	-60.5	99.9	266.8	28.8*	28.7	1.6	625.5	999.9	99.9	999.9	176.5	63.
87.0	161.0	25766.0	21.0	-60.3	99.9	999.9	99.9	99.9	99.9	642.5	999.9	99.9	999.9	999.9	999.

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
1115 GMT

160 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	44.0	1007.6	16.8	16.0	210.0	2.1	1.0	1.8	290.8	320.2	11.4	95.0	0.0	0.
0.2	5.0	125.9	998.0	17.0	16.4	269.3	11.9	11.9	0.2	291.9	322.4	11.9	96.3	0.2	28.
0.7	6.0	246.6	984.0	16.1	15.7	267.1	11.6	11.6	0.6	292.2	321.8	11.5	97.1	0.3	56.
1.1	7.0	351.2	972.0	15.7	15.2	263.5	11.2	11.1	1.3	292.7	322.0	11.3	96.9	0.5	72.
1.6	8.0	457.0	960.0	15.3	14.6	262.6	11.3	11.2	1.5	293.3	321.9	11.0	95.6	0.8	75.
2.0	9.0	554.9	949.0	14.5	13.8	263.3	12.0	11.9	1.4	293.4	320.9	10.5	95.5	1.1	78.
2.4	10.0	662.6	937.0	13.7	13.1	260.2	12.0	11.8	2.0	293.6	320.2	10.2	96.0	1.4	78.
2.9	11.0	789.7	923.0	12.9	12.4	257.2	12.1	11.8	2.7	294.0	320.0	9.9	96.6	1.8	78.
3.3	12.0	850.6	912.0	12.2	11.6	254.9	13.2	12.7	3.4	294.2	319.1	9.5	96.5	2.1	78.
3.7	13.0	1001.7	900.0	11.0	10.5	252.6	13.2	12.6	4.0	294.0	317.5	8.9	96.5	2.4	77.
4.0	14.0	1104.5	889.0	10.6	10.0	250.5	12.3	11.6	4.1	294.7	317.8	8.8	96.1	2.7	77.
4.4	15.0	1208.4	878.0	9.7	9.1	249.4	12.4	11.6	4.4	294.7	316.8	8.3	96.1	2.9	76.
5.1	16.0	1342.1	864.0	9.3	8.8	247.9	14.0	12.9	5.2	295.6	317.7	8.3	96.4	3.5	75.
5.4	17.0	1438.8	854.0	8.6	8.1	245.7	13.8	12.6	5.7	295.8	317.1	8.0	96.4	3.7	74.
5.7	18.0	1546.2	843.0	8.2	7.7	244.3	14.8	13.3	6.4	296.5	317.6	7.9	96.4	4.0	74.
6.1	19.0	1644.8	833.0	6.6	5.7	243.3	16.2	14.4	7.3	295.7	314.4	6.9	94.0	4.3	73.
6.4	20.0	1753.9	822.0	5.6	0.4	242.4	15.7	13.9	7.3	295.4	308.6	4.8	69.2	4.7	72.
7.0	21.0	1884.0	809.0	4.2	-9.3	246.6	15.4	14.1	6.1	295.0	301.7	2.3	36.6	5.1	71.
7.3	22.0	1985.3	799.0	5.6	-46.5	251.3	16.2	15.3	5.2	297.2	297.4	0.1	1.0	5.5	71.
7.7	23.0	2098.6	798.0	5.9	-46.3	256.5	17.0	16.5	4.0	298.8	299.0	0.1	1.0	5.9	71.
8.1	24.0	2202.9	778.0	5.4	-46.6	260.1	17.5	17.2	3.0	299.3	299.5	0.1	1.0	6.3	72.
8.5	25.0	2308.4	768.0	4.9	-46.9	261.9	17.8	17.6	2.5	299.8	300.1	0.1	1.0	6.7	73.
9.1	26.0	2447.2	755.0	4.2	-47.4	259.0	18.6	18.3	3.6	300.5	300.8	0.1	1.0	7.3	74.
9.5	27.0	2544.6	746.0	3.8	-47.6	255.4	19.7	19.1	5.0	301.2	301.4	0.1	1.0	7.8	74.
9.9	28.0	2654.0	736.0	3.3	-47.9	251.3	20.7	19.6	6.6	301.8	302.1	0.1	1.0	8.3	74.
10.2	29.0	2764.8	726.0	3.7	-47.7	248.7	21.2	19.8	7.7	303.4	303.6	0.1	1.0	8.7	74.
10.7	30.0	2877.2	716.0	3.2	-48.0	245.5	21.8	19.9	9.0	304.0	304.3	0.1	1.0	9.3	73.
11.1	31.0	2990.9	706.0	2.3	-48.5	244.7	22.3	20.1	9.5	304.3	304.5	0.1	1.0	9.8	73.
11.5	32.0	3105.8	696.0	1.3	-46.0	245.7	22.8	20.8	9.4	304.5	304.8	0.1	1.4	10.3	72.
12.0	33.0	3210.2	687.0	0.0	-39.0	248.7	23.1	21.5	8.4	304.1	304.8	0.2	3.3	11.1	72.
12.4	34.0	3327.3	677.0	-0.9	-26.0	251.5	23.2	21.9	7.4	304.4	306.6	0.7	12.8	11.6	72.
12.8	35.0	3433.9	668.0	-1.7	-26.6	253.6	23.5	22.5	6.6	304.7	306.8	0.6	12.9	12.1	72.
13.3	36.0	3577.8	656.0	-2.7	-27.2	255.0	24.1	23.3	6.2	305.2	307.2	0.6	13.0	12.9	72.
13.9	37.0	3637.1	647.0	-3.8	-21.8	254.9	25.1	24.2	6.5	305.2	308.5	1.0	23.0	13.7	72.
14.2	38.0	3797.6	638.0	-4.5	-19.4	254.8	25.7	24.8	6.7	305.6	309.6	1.3	30.1	14.2	72.
14.7	39.0	3909.3	629.0	-5.4	-20.2	254.9	26.4	25.5	6.9	305.8	309.6	1.2	30.1	15.0	72.
15.1	40.0	4022.2	620.0	-6.3	-13.5	255.5	26.6	25.7	6.7	306.1	312.7	2.2	56.9	15.7	73.
15.6	41.0	4162.0	609.0	-7.5	-12.3	256.7	26.8	26.1	6.2	306.4	313.7	2.4	68.6	16.4	73.
16.1	42.0	4277.8	600.0	-8.6	-11.2	257.5	28.4	27.7	6.1	306.5	314.6	2.7	81.2	17.2	73.
16.5	43.0	4381.7	592.0	-9.7	-11.3	257.4	30.4	29.7	6.6	306.3	314.5	2.7	88.4	17.9	73.
16.9	44.0	4499.9	583.0	-10.6	-20.2	256.1	32.4	31.4	7.8	306.5	310.6	1.3	45.0	18.7	73.
17.2	45.0	4606.5	575.0	-9.3	-21.3	254.9	33.3	32.2	8.7	309.2	313.0	1.2	36.8	19.3	73.
17.7	46.0	4728.3	566.0	-10.0	-28.0	252.7	34.0	32.5	10.1	309.7	311.9	0.7	21.3	20.4	73.
18.1	47.0	4851.7	557.0	-10.9	-28.9	251.1	34.0	32.1	11.0	310.1	312.1	0.6	20.9	21.2	73.
18.6	48.0	4962.7	549.0	-11.6	-30.4	249.8	33.6	31.5	11.6	310.5	312.3	0.5	19.2	22.1	73.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
1115 GMT

160 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.0	49.0	5075.0	541.0	-12.3	-33.5	249.2	33.0	30.8	11.7	310.9	312.3	0.4	15.0	23.1	73.
19.3	50.0	5188.6	533.0	-13.3	-31.5	248.7	32.7	30.4	11.9	311.1	312.8	0.5	19.8	23.6	73.
20.0	51.0	5332.5	523.0	-14.6	-30.0	247.7	33.3	30.8	12.6	311.3	313.3	0.6	25.3	24.8	73.
20.4	52.0	5449.2	515.0	-15.0	-34.6	248.0	34.3	31.8	12.8	312.1	313.5	0.4	16.8	25.7	72.
20.9	53.0	5567.4	507.0	-15.8	-36.5	248.7	34.5	32.1	12.5	312.5	313.6	0.3	14.9	26.8	72.
21.2	54.0	5687.2	499.0	-16.2	-35.9	249.1	34.3	32.1	12.2	313.4	314.7	0.4	16.4	27.4	72.
21.7	55.0	5793.3	492.0	-17.3	-38.3	249.6	34.4	32.2	12.0	313.3	314.3	0.3	14.1	28.4	72.
22.3	56.0	5947.0	482.0	-18.0	-40.6	250.5	36.2	34.1	12.1	314.3	315.1	0.2	11.7	29.6	72.
22.7	57.0	6056.2	475.0	-18.8	-42.5	251.3	38.0	36.0	12.2	314.7	315.3	0.2	10.2	30.5	72.
23.1	58.0	6182.6	467.0	-19.5	-45.1	252.2	39.4	37.5	12.1	315.3	315.9	0.1	8.1	31.5	72.
23.7	59.0	6294.6	460.0	-20.4	-46.3	252.8	39.6	37.9	11.7	315.5	316.0	0.1	7.7	32.9	72.
24.1	60.0	6424.2	452.0	-21.4	-50.7	252.7	39.0	37.2	11.6	315.9	316.2	0.1	5.0	33.9	72.
24.5	61.0	6539.1	445.0	-22.3	-60.2	252.0	38.6	36.7	11.9	316.2	316.3	0.0	1.7	34.8	72.
25.0	62.0	6672.2	437.0	-23.1	-64.7	251.1	39.3*	37.1	12.7	316.8	316.8	0.0	1.0	35.9	72.
25.5	63.0	6790.3	430.0	-24.0	-65.3	250.5	40.1*	37.8	13.4	317.1	317.1	0.0	1.0	37.2	72.
25.9	64.0	6909.8	423.0	-25.1	-65.9	250.1	41.4*	38.9	14.1	317.2	317.3	0.0	1.0	38.1	72.
26.4	65.0	7030.8	416.0	-26.1	-66.5	249.8	44.3*	41.6	15.3	317.4	317.4	0.0	1.0	39.2	72.
26.9	66.0	7188.6	407.0	-27.4	-58.0	249.5	45.1*	42.2	15.8	317.7	317.8	0.0	3.6	40.8	72.
27.4	67.0	7313.2	400.0	-28.4	-54.6	248.9	40.5*	37.8	14.6	318.1	318.3	0.1	6.0	42.4	72.
27.9	68.0	7439.5	393.0	-29.5	-52.2	248.4	36.8*	34.2	13.6	318.1	318.4	0.1	8.9	43.3	72.
28.4	69.0	7567.5	386.0	-30.5	-51.1	248.5	40.5*	37.7	14.9	318.6	318.9	0.1	11.1	44.0	72.
28.8	70.0	7678.7	380.0	-31.2	-54.4	248.2	44.4*	41.2	16.5	319.0	319.2	0.1	8.0	45.2	72.
29.3	71.0	7829.1	372.0	-32.3	-58.4	246.7	43.6*	40.1	17.2	319.5	319.6	0.0	5.4	47.0	71.
29.9	72.0	7962.8	365.0	-33.5	-60.9	244.0	38.7*	34.8	16.9	319.7	319.8	0.0	4.4	48.2	71.
30.4	73.0	8078.9	359.0	-34.7	-60.6	243.7	40.9*	36.6	18.1	319.6	319.7	0.0	5.1	49.0	71.
30.8	74.0	8216.2	352.0	-35.6	-59.6	244.3	43.5*	39.2	18.9	320.1	320.3	0.0	6.4	50.3	71.
31.3	75.0	8335.5	346.0	-36.9	-60.5	244.6	44.3*	40.1	19.0	319.9	320.0	0.0	6.6	51.9	71.
31.8	76.0	8456.3	340.0	-37.8	-61.0	244.5	45.0*	40.6	19.4	320.3	320.4	0.0	6.7	52.8	71.
32.3	77.0	8578.8	334.0	-38.8	-61.6	243.8	47.6*	42.7	21.0	320.6	320.7	0.0	6.8	54.3	70.
32.8	78.0	8703.0	328.0	-39.5	99.9	242.3	48.0*	42.5	22.3	321.5	999.9	99.9	999.9	55.9	70.
33.4	79.0	8829.2	322.0	-40.3	99.9	239.7	42.0*	36.3	21.2	322.0	999.9	99.9	999.9	57.5	70.
33.9	80.0	8957.2	316.0	-41.5	99.9	238.0	35.8*	30.3	19.0	322.1	999.9	99.9	999.9	59.0	70.
34.6	81.0	9108.8	309.0	-42.4	99.9	240.2	39.8*	34.6	19.8	322.8	999.9	99.9	999.9	59.6	69.
35.1	82.0	9241.1	303.0	-43.3	99.9	242.1	47.8*	42.2	22.4	323.5	999.9	99.9	999.9	61.2	69.
35.6	83.0	9375.5	297.0	-44.4	99.9	242.0	49.2*	43.4	23.1	323.7	999.9	99.9	999.9	63.2	69.
36.1	84.0	9488.9	292.0	-45.6	99.9	241.3	46.9*	41.1	22.5	323.5	999.9	99.9	999.9	64.1	69.
36.7	85.0	9626.9	286.0	-46.9	99.9	241.5	47.4*	41.7	22.7	323.6	999.9	99.9	999.9	66.0	69.
37.2	86.0	9767.0	280.0	-48.2	99.9	242.1	49.7*	43.9	23.3	323.7	999.9	99.9	999.9	67.3	69.
37.8	87.0	9909.3	274.0	-49.5	99.9	242.4	51.4*	45.6	23.9	323.8	999.9	99.9	999.9	69.3	68.
38.3	88.0	10029.7	269.0	-50.1	99.9	241.6	50.8*	44.7	24.2	324.7	999.9	99.9	999.9	70.8	68.
38.8	89.0	10152.1	264.0	-51.0	99.9	240.4	49.5*	43.0	24.5	325.1	999.9	99.9	999.9	72.2	68.
39.3	90.0	10276.2	259.0	-52.1	99.9	239.5	48.0*	41.4	24.4	325.3	999.9	99.9	999.9	73.9	68.
39.9	91.0	10402.2	254.0	-52.7	99.9	239.0	48.2*	41.3	24.8	326.3	999.9	99.9	999.9	75.2	68.
40.4	92.0	10530.5	249.0	-53.2	99.9	238.3	50.3*	42.8	26.4	327.4	999.9	99.9	999.9	76.8	68.
41.0	93.0	10661.2	244.0	-53.2	99.9	237.2	51.2*	43.1	27.7	329.3	999.9	99.9	999.9	78.9	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
1115 GMT

160 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
41.5	94.0	10794.4	239.0	-53.9	99.9	237.4	55.2*	46.5	29.7	330.1	999.9	99.9	999.9	79.9	67.
42.1	95.0	10930.0	234.0	-54.2	99.9	239.0	67.1*	57.5	34.5	331.6	999.9	99.9	999.9	82.2	67.
42.5	96.0	11096.6	228.0	-54.2	99.9	240.0	73.5*	63.7	36.7	334.1	999.9	99.9	999.9	84.1	67.
43.0	97.0	11209.7	224.0	-55.5	99.9	241.2	68.1*	59.7	32.8	333.9	999.9	99.9	999.9	86.0	67.
43.4	98.0	11353.3	219.0	-56.5	99.9	242.3	55.1*	48.8	25.6	334.5	999.9	99.9	999.9	88.9	67.
43.9	99.0	11470.1	215.0	-57.3	99.9	243.3	44.3*	39.6	19.9	335.0	999.9	99.9	999.9	88.4	66.
44.4	100.0	11619.1	210.0	-56.7	99.9	242.7	47.2*	41.7	22.0	338.3	999.9	99.9	999.9	90.9	66.
45.1	101.0	11772.0	205.0	-56.3	99.9	239.9	66.3*	57.3	33.3	341.2	999.9	99.9	999.9	91.9	66.
45.6	102.0	11928.8	200.0	-56.3	99.9	239.5	77.2*	66.5	39.2	343.6	999.9	99.9	999.9	95.1	66.
46.1	103.0	12057.2	196.0	-56.0	99.9	239.5	76.8*	66.1	38.9	346.1	999.9	99.9	999.9	97.4	66.
46.7	104.0	12188.5	192.0	-55.5	99.9	240.1	69.5*	60.3	34.7	348.9	999.9	99.9	999.9	100.1	66.
47.3	105.0	12322.5	188.0	-56.2	99.9	241.3	69.9*	61.3	33.6	350.0	999.9	99.9	999.9	102.0	66.
47.9	106.0	12459.2	184.0	-56.3	99.9	241.3	71.2*	62.4	34.1	351.9	999.9	99.9	999.9	105.4	66.
48.4	107.0	12598.5	180.0	-57.0	99.9	240.0	62.8*	54.4	31.4	353.0	999.9	99.9	999.9	107.0	66.
49.0	108.0	12740.7	176.0	-57.3	99.9	238.1	56.8**	48.3	30.0	354.8	999.9	99.9	999.9	109.7	65.
49.5	109.0	12885.9	172.0	-58.0	99.9	239.2	70.6**	60.7	36.2	356.0	999.9	99.9	999.9	109.3	65.
50.0	110.0	13033.9	168.0	-58.8	99.9	240.6	82.8**	72.1	40.6	357.0	999.9	99.9	999.9	113.7	65.
50.6	111.0	13184.9	164.0	-59.7	99.9	241.2	78.5**	68.8	37.8	358.0	999.9	99.9	999.9	116.6	65.
51.2	112.0	13339.1	160.0	-60.2	99.9	242.0	80.5**	71.1	37.7	359.7	999.9	99.9	999.9	118.5	65.
51.8	113.0	13497.0	156.0	-60.2	99.9	243.6	89.1**	79.8	39.6	362.3	999.9	99.9	999.9	121.9	65.
52.3	114.0	13618.0	153.0	-60.5	99.9	244.4	82.4**	74.2	35.6	363.7	999.9	99.9	999.9	124.8	65.
52.9	115.0	13782.7	149.0	-61.2	99.9	243.8	54.5**	48.9	24.0	365.3	999.9	99.9	999.9	128.4	65.
53.6	116.0	13951.4	145.0	-62.0	99.9	241.5	40.8**	35.9	19.5	366.9	999.9	99.9	999.9	128.3	65.
54.1	117.0	14080.3	142.0	-63.1	99.9	242.3	49.6**	43.9	23.0	367.2	999.9	99.9	999.9	129.9	65.
54.6	118.0	14256.1	138.0	-63.2	99.9	243.1	47.4**	42.3	21.4	369.9	999.9	99.9	999.9	132.8	65.
55.2	119.0	14391.3	135.0	-63.1	99.9	242.1	42.2**	37.3	19.7	372.5	999.9	99.9	999.9	133.2	65.
55.7	120.0	14529.5	122.0	-63.2	99.9	241.3	53.2**	46.6	25.6	374.6	999.9	99.9	999.9	133.9	65.
56.3	121.0	14670.6	129.0	-64.0	99.9	240.5	65.7**	57.2	32.3	375.7	999.9	99.9	999.9	137.7	65.
56.8	122.0	14814.7	126.0	-64.2	99.9	239.7	71.5**	61.7	36.1	377.9	999.9	99.9	999.9	138.4	65.
57.4	123.0	14962.0	123.0	-64.8	99.9	239.7	76.5**	66.1	38.7	379.5	999.9	99.9	999.9	142.3	65.
57.9	124.0	15112.5	120.0	-65.3	99.9	240.8	71.8**	62.7	35.0	381.1	999.9	99.9	999.9	144.4	64.
58.5	125.0	15266.5	117.0	-65.7	99.9	243.1	66.7**	59.5	30.2	383.2	999.9	99.9	999.9	145.7	64.
59.3	126.0	15477.7	113.0	-66.1	99.9	244.5	63.6**	57.4	27.4	386.3	999.9	99.9	999.9	149.9	64.
59.8	127.0	15540.7	110.0	-66.5	99.9	245.4	63.0**	57.3	26.2	388.5	999.9	99.9	999.9	151.1	64.
60.4	128.0	15752.1	108.0	-65.1	99.9	243.4	56.7**	52.8	20.9	393.1	999.9	99.9	999.9	154.2	64.
60.9	129.0	15923.8	105.0	-65.1	99.9	253.1	44.1**	42.2	12.8	396.3	999.9	99.9	999.9	156.0	64.
61.5	130.0	16100.4	102.0	-65.1	99.9	254.1	43.2**	41.6	11.8	399.6	999.9	99.9	999.9	155.2	65.
62.3	131.0	16282.3	99.0	-65.1	99.9	246.8	51.0**	46.8	20.1	403.0	999.9	99.9	999.9	159.3	65.
62.8	132.0	16469.8	96.0	-64.9	99.9	242.2	38.5**	34.0	18.0	407.0	999.9	99.9	999.9	160.7	65.
63.3	133.0	16598.1	94.0	-65.5	99.9	231.2	17.2**	13.4	10.8	408.3	999.9	99.9	999.9	162.0	65.
63.9	134.0	16794.8	91.0	-66.7	99.9	184.4	6.5**	0.5	6.5	409.7	999.9	99.9	999.9	161.6	65.
64.4	135.0	16928.7	89.0	-68.1	99.9	226.8	22.6**	16.5	15.5	409.5	999.9	99.9	999.9	160.4	65.
65.2	136.0	17133.7	86.0	-69.8	99.9	232.6	51.5**	40.9	31.2	410.1	999.9	99.9	999.9	164.1	64.
65.9	137.0	17344.6	83.0	-70.9	99.9	230.9	53.9**	41.8	34.0	412.1	999.9	99.9	999.9	165.8	64.
66.7	138.0	17562.5	80.0	-71.2	99.9	238.3	53.8**	45.8	28.2	416.0	999.9	99.9	999.9	168.7	64.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
1115 GMT

160 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.3	139.0	17712.2	78.0	-71.4	99.9	243.9	51.3**	46.0	22.5	418.5	999.9	99.9	999.9	170.0	64.
68.1	140.0	17944.7	75.0	-70.3	99.9	249.2	41.0**	38.3	14.5	425.6	999.9	99.9	999.9	173.6	64.
68.8	141.0	18187.4	72.0	-70.1	99.9	260.9	17.0**	16.8	2.7	431.0	999.9	99.9	999.9	173.9	64.
69.6	142.0	18355.6	70.0	-68.6	99.9	263.7	10.9**	10.9	0.3	437.7	999.9	99.9	999.9	174.5	64.
70.5	143.0	18619.0	67.0	-67.1	99.9	250.1	21.6**	20.3	7.4	446.4	999.9	99.9	999.9	174.0	64.
71.3	144.0	18802.8	65.0	-65.1	99.9	254.3	25.1**	24.1	6.8	454.6	999.9	99.9	999.9	177.3	64.
72.0	145.0	19090.7	62.0	-65.1	99.9	44.7	13.4**	-9.4	-9.5	460.8	999.9	99.9	999.9	177.9	64.
72.8	146.0	19289.6	60.0	-66.9	99.9	253.8	5.8**	5.6	1.6	461.1	999.9	99.9	999.9	176.1	64.
73.6	147.0	19599.3	57.0	-67.1	99.9	245.5	30.7**	27.9	12.7	467.5	999.9	99.9	999.9	176.9	64.
74.4	148.0	19815.5	55.0	-65.9	99.9	247.8	50.6**	46.9	19.1	475.0	999.9	99.9	999.9	178.8	64.
75.3	149.0	20157.7	52.0	-63.8	99.9	252.8	15.7**	15.0	4.6	487.6	999.9	99.9	999.9	182.3	64.
76.2	150.0	20398.6	50.0	-63.2	99.9	245.2	24.7**	22.4	10.3	494.5	999.9	99.9	999.9	180.9	64.
77.1	151.0	20789.3	47.0	-61.8	99.9	247.1	43.9**	40.5	17.1	506.8	999.9	99.9	999.9	185.2	64.
78.0	152.0	21049.9	45.0	-61.2	99.9	55.6	13.0**	-10.7	-7.4	514.4	999.9	99.9	999.9	191.2	65.
79.1	153.0	21332.7	43.0	-60.4	99.9	65.6	39.2**	-35.8	-16.2	523.3	999.9	99.9	999.9	183.0	65.
80.1	154.0	21628.8	41.0	-61.4	99.9	254.8	15.8**	15.2	4.1	527.9	999.9	99.9	999.9	179.1	65.
81.2	155.0	22098.6	38.0	-62.7	99.9	243.4	62.4**	55.8	27.9	536.2	999.9	99.9	999.9	184.7	65.
82.3	156.0	22433.3	36.0	-60.9	99.9	249.1	28.4**	26.5	10.1	549.3	999.9	99.9	999.9	188.8	65.
83.6	157.0	22788.4	34.0	-61.2	99.9	254.5	30.6**	29.5	8.2	557.4	999.9	99.9	999.9	187.6	65.
84.8	158.0	23361.3	31.0	-61.6	99.9	345.4	6.6**	1.7	-6.4	571.3	999.9	99.9	999.9	191.5	65.
86.3	159.0	23775.3	29.0	-60.9	99.9	265.4	28.0*	27.9	2.2	584.3	999.9	99.9	999.9	192.2	65.
87.8	160.0	24219.7	27.0	-60.7	99.9	276.8	16.5*	16.4	-2.0	596.9	999.9	99.9	999.9	195.6	65.
89.3	161.0	24952.9	24.0	-60.5	99.9	314.7	5.1*	3.6	-3.6	617.8	999.9	99.9	999.9	194.1	65.
91.0	162.0	25455.0	22.0	-60.4	99.9	999.9	99.9	99.9	99.9	633.9	999.9	99.9	999.9	999.9	999.
92.8	163.0	26469.6	19.0	-60.0	99.9	999.9	99.9	99.9	99.9	662.1	999.9	99.9	999.9	999.9	999.

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
1540 GMT

156 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	44.0	1007.6	18.2	14.7	300.0	1.5	1.3	-0.7	292.1	319.4	10.5	80.0	0.0	0.
0.3	5.0	134.6	997.0	17.1	14.2	999.9	99.9	99.9	99.9	291.8	318.5	10.3	83.0	999.9	999.
0.7	6.0	264.0	982.0	15.9	14.3	999.9	99.9	99.9	99.9	291.9	319.1	10.5	90.5	999.9	999.
1.1	7.0	368.6	970.0	14.8	14.1	999.9	99.9	99.9	99.9	291.9	319.1	10.5	95.2	999.9	999.
1.5	8.0	482.9	957.0	13.7	13.3	999.9	99.9	99.9	99.9	291.8	317.9	10.1	97.4	999.9	999.
1.8	9.0	589.4	945.0	12.9	12.5	251.2	4.2	4.0	1.4	292.0	317.3	9.7	97.8	0.3	103.
2.1	10.0	657.0	933.0	12.5	12.2	250.0	6.0	5.7	2.1	292.6	317.7	9.6	97.7	0.4	96.
2.5	11.0	833.3	918.0	12.1	11.7	254.9	10.2	9.8	2.7	293.6	318.5	9.5	97.5	0.5	87.
2.8	12.0	943.8	906.0	11.7	11.3	253.6	12.0	11.5	3.4	294.3	318.9	9.3	97.1	0.8	85.
3.1	13.0	1055.6	894.0	11.4	10.9	251.3	13.5	12.8	4.3	295.0	319.4	9.2	97.1	1.0	82.
3.5	14.0	1159.3	883.0	11.0	10.6	245.9	15.2	13.9	6.2	295.6	319.9	9.1	97.3	1.3	79.
3.9	15.0	1273.6	871.0	10.1	9.6	245.2	17.8	16.1	7.4	295.7	318.8	8.7	97.0	1.7	75.
4.3	16.0	1408.5	857.0	9.3	8.8	244.0	18.9	17.0	8.3	296.3	318.6	8.3	96.4	2.2	73.
4.7	17.0	1515.8	846.0	8.6	8.0	243.2	18.9	16.9	8.5	296.6	318.0	8.0	95.9	2.6	71.
5.0	18.0	1624.1	835.0	7.7	7.1	243.2	18.4	16.4	8.3	296.7	317.3	7.6	96.4	3.0	70.
5.3	19.0	1733.6	824.0	7.0	6.5	242.5	17.2	15.3	8.0	297.0	317.0	7.4	96.7	3.3	70.
5.7	20.0	1843.1	813.0	1.2	-4.0	240.5	16.3	14.1	8.0	291.5	301.2	3.5	68.2	3.7	69.
6.2	21.0	1983.2	799.0	2.5	-30.5	238.3	16.0	13.6	8.4	294.0	295.2	0.4	6.5	4.1	68.
6.5	22.0	2095.3	788.0	3.2	-27.7	238.1	15.8	13.4	8.4	295.9	297.4	0.5	8.1	4.4	67.
6.9	23.0	2209.1	777.0	3.2	-48.0	239.6	16.2	14.0	8.2	297.0	297.2	0.1	1.0	4.8	66.
7.3	24.0	2314.1	767.0	3.7	-19.1	242.1	16.8	14.9	7.9	298.8	302.2	1.1	17.0	5.2	66.
7.5	25.0	2431.2	756.0	3.5	-22.3	243.4	17.2	15.4	7.7	299.8	302.4	0.8	12.9	5.4	65.
8.1	26.0	2571.9	743.0	3.5	-26.1	245.7	18.2	16.6	7.5	301.3	303.2	0.6	9.2	6.0	66.
8.5	27.0	2703.8	731.0	3.2	-20.1	245.7	19.3	17.6	8.0	302.4	305.6	1.1	16.0	6.5	65.
8.9	28.0	2815.2	721.0	2.5	-19.0	244.7	21.7	19.7	9.3	302.8	306.5	1.2	18.5	6.8	66.
9.3	29.0	2928.0	711.0	1.9	-16.3	244.3	24.0	21.6	10.4	303.4	308.0	1.5	24.4	7.5	66.
9.7	30.0	3053.5	700.0	1.0	-21.1	244.5	25.2	22.8	10.9	303.8	306.9	1.0	17.2	8.1	65.
10.1	31.0	3169.0	690.0	0.7	-40.5	245.3	25.5	23.1	10.6	304.5	305.1	0.2	2.7	8.7	65.
10.5	32.0	3286.0	680.0	-0.4	-5.9	246.3	25.2	23.1	10.1	305.0	315.6	3.6	66.4	9.3	65.
10.9	33.0	3404.4	670.0	-1.7	-3.7	246.3	25.2	23.1	10.1	305.0	317.5	4.4	86.0	9.9	66.
11.2	34.0	3524.1	660.0	-2.6	-4.2	245.6	25.5	23.3	10.5	305.2	317.5	4.3	85.1	10.4	66.
11.6	35.0	3632.9	651.0	-3.7	-8.8	244.4	26.3	23.7	11.4	305.0	313.9	3.0	67.5	11.0	66.
12.1	36.0	3779.7	639.0	-4.3	-23.8	243.2	27.9	24.9	12.6	305.7	308.4	0.9	20.0	11.7	65.
12.6	37.0	3904.0	629.0	-4.5	-14.6	243.5	29.4	26.3	13.1	307.0	313.0	2.0	44.8	12.7	65.
12.9	38.0	4030.0	619.0	-5.5	-12.9	244.3	29.6	26.7	12.9	307.2	314.1	2.3	55.9	13.2	65.
13.4	39.0	4144.8	610.0	-6.7	-12.4	245.7	29.2	26.6	12.0	307.2	314.4	2.4	63.7	14.2	65.
13.7	40.0	4260.7	601.0	-7.9	-11.5	246.3	29.4	26.9	11.8	307.1	315.0	2.6	75.4	14.6	65.
14.3	41.0	4404.0	590.0	-9.4	-11.4	247.1	31.5	29.0	12.2	307.1	315.2	2.7	85.4	15.6	65.
14.7	42.0	4536.3	580.0	-9.2	-30.2	247.8	33.1	30.6	12.5	308.4	310.2	0.5	16.2	16.4	65.
15.1	43.0	4657.3	571.0	-8.6	-34.2	248.6	33.7	31.4	12.3	310.5	311.7	0.4	10.5	17.3	65.
15.5	44.0	4780.2	562.0	-9.7	-32.3	249.0	33.0	30.8	11.8	310.7	312.2	0.4	13.7	18.2	66.
15.9	45.0	4890.8	554.0	-10.2	-32.3	247.9	32.3	30.0	12.2	311.3	312.8	0.5	14.3	18.8	66.
16.3	46.0	5016.7	545.0	-11.1	-33.0	246.4	32.3	29.7	12.9	311.7	313.2	0.4	14.4	19.6	66.
16.7	47.0	5144.3	536.0	-12.2	-31.2	245.6	32.9	30.0	13.6	311.9	313.6	0.5	18.8	20.4	66.
17.0	48.0	5259.1	528.0	-13.1	-26.8	245.6	33.6	30.6	13.9	312.2	314.9	0.8	30.3	21.1	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
1540 GMT

156 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.4	49.0	5389.8	519.0	-14.3	-22.9	246.7	35.7	32.8	14.1	312.3	316.0	1.2	48.0	21.7	66.
17.8	50.0	5507.5	511.0	-15.0	-21.6	248.0	37.8	35.0	14.2	312.9	317.1	1.3	57.2	22.7	66.
18.2	51.0	5656.8	501.0	-15.7	-20.8	249.1	39.0	36.4	13.9	313.8	318.5	1.5	65.1	23.7	66.
18.7	52.0	5793.4	492.0	-16.6	-22.8	249.9	39.5	37.1	13.6	314.4	318.4	1.2	58.4	24.8	66.
19.1	53.0	5916.6	484.0	-17.0	-38.4	249.9	40.0	37.6	13.8	315.3	316.2	0.3	13.5	25.7	66.
19.5	54.0	6041.4	476.0	-17.9	-42.1	249.4	41.3	38.6	14.6	315.6	316.3	0.2	9.9	26.8	66.
19.9	55.0	6167.9	468.0	-18.9	-43.2	249.0	42.0	39.2	15.0	315.9	316.5	0.2	9.5	27.7	67.
20.3	56.0	6312.3	459.0	-19.7	-44.3	249.6	41.4	38.8	14.4	316.7	317.2	0.2	9.1	28.8	67.
20.7	57.0	6442.6	451.0	-20.8	-43.1	250.7	40.5	38.2	13.4	316.9	317.6	0.2	11.3	29.8	67.
21.1	58.0	6574.7	443.0	-21.4	-43.6	251.8	40.1	38.1	12.5	317.7	318.3	0.2	11.4	30.7	67.
21.6	59.0	6692.1	436.0	-22.0	-40.4	251.4	42.2	40.0	13.4	318.5	319.4	0.3	16.9	31.8	67.
22.0	60.0	6828.2	428.0	-22.6	-45.3	250.0	44.9	42.2	15.4	319.3	319.9	0.2	10.5	32.9	67.
22.5	61.0	6949.0	421.0	-23.4	-55.9	248.7	46.6	43.4	16.9	319.8	319.9	0.0	3.2	34.4	67.
22.9	62.0	7089.0	413.0	-24.5	-53.9	248.9	45.2	42.1	16.3	320.2	320.4	0.1	4.5	35.5	67.
23.4	63.0	7213.2	406.0	-25.7	-55.6	250.1	42.0	39.4	14.3	320.2	320.4	0.0	4.1	36.9	67.
23.8	64.0	7339.0	399.0	-26.7	-56.2	251.0	40.8	38.6	13.2	320.4	320.6	0.0	4.2	37.8	67.
24.3	65.0	7466.5	392.0	-27.9	-53.3	251.3	43.3	41.0	13.9	320.7	320.9	0.1	6.7	38.8	68.
24.9	66.0	7632.9	383.0	-29.4	-51.4	250.5	49.9	47.0	16.7	320.7	321.0	0.1	9.6	40.5	68.
25.3	67.0	7764.3	376.0	-30.6	-52.3	250.2	53.0*	49.8	17.9	320.8	321.1	0.1	9.8	42.0	68.
25.7	68.0	7897.6	369.0	-31.6	-54.5	250.1	54.7*	51.5	18.6	321.2	321.4	0.1	8.2	43.2	68.
26.1	69.0	8013.3	363.0	-32.8	-54.3	250.0	55.0*	51.7	18.8	321.1	321.3	0.1	9.5	44.2	68.
26.5	70.0	8150.0	356.0	-34.0	-54.3	249.8	53.0*	49.8	18.3	321.3	321.5	0.1	10.7	46.4	68.
27.0	71.0	8308.7	348.0	-35.6	-54.0	249.3	47.7*	44.6	16.9	321.2	321.5	0.1	12.9	47.3	68.
27.4	72.0	8449.8	341.0	-36.8	-55.3	248.8	45.1*	42.0	16.3	321.4	321.7	0.1	12.6	48.4	68.
27.8	73.0	8572.3	335.0	-38.1	-56.6	248.4	44.6*	41.5	16.4	321.2	321.4	0.1	12.2	49.6	68.
28.2	74.0	8717.3	328.0	-39.3	-57.2	248.5	44.9*	41.8	16.4	321.5	321.7	0.0	12.8	50.5	68.
28.6	75.0	8843.5	322.0	-40.3	99.9	249.1	44.8*	41.9	16.0	322.0	999.9	99.9	999.9	51.5	68.
29.0	76.0	8971.4	316.0	-41.5	99.9	250.2	43.5*	40.9	14.7	322.0	999.9	99.9	999.9	53.1	68.
29.4	77.0	9101.3	310.0	-42.2	99.9	251.2	44.2*	41.9	14.3	322.8	999.9	99.9	999.9	53.8	68.
29.9	78.0	9233.2	304.0	-43.3	99.9	251.3	49.9*	47.3	16.0	323.1	999.9	99.9	999.9	54.6	68.
30.3	79.0	9367.1	298.0	-44.3	99.9	250.9	53.7*	50.8	17.6	323.5	999.9	99.9	999.9	56.4	68.
30.7	80.0	9503.1	292.0	-45.4	99.9	250.7	55.2*	52.1	18.2	323.8	999.9	99.9	999.9	58.0	68.
31.2	81.0	9687.9	284.0	-46.6	99.9	250.9	55.3*	52.3	18.1	324.7	999.9	99.9	999.9	59.2	68.
31.7	82.0	9805.5	279.0	-47.6	99.9	251.0	55.8*	52.8	18.2	324.9	999.9	99.9	999.9	61.0	69.
32.2	83.0	9948.8	273.0	-48.8	99.9	251.2	53.5*	50.6	17.2	325.3	999.9	99.9	999.9	62.9	69.
32.6	84.0	10094.4	267.0	-50.0	99.9	251.7	50.2*	47.7	15.8	325.6	999.9	99.9	999.9	64.1	69.
33.2	85.0	10217.8	262.0	-50.9	99.9	252.7	49.6*	47.3	14.7	326.0	999.9	99.9	999.9	65.6	69.
33.8	86.0	10368.1	256.0	-52.4	99.9	253.3	50.5*	48.3	14.5	325.9	999.9	99.9	999.9	67.4	69.
34.3	87.0	10521.6	250.0	-51.8	99.9	253.6	48.8*	46.8	13.8	329.1	999.9	99.9	999.9	69.3	69.
34.8	88.0	10652.4	245.0	-52.7	99.9	253.2	48.4*	46.3	14.0	329.6	999.9	99.9	999.9	70.3	69.
35.3	89.0	10785.2	240.0	-53.8	99.9	251.4	49.8*	47.2	15.9	329.9	999.9	99.9	999.9	71.8	69.
35.7	90.0	10920.1	235.0	-54.9	99.9	249.0	49.3*	46.0	17.7	330.2	999.9	99.9	999.9	73.4	69.
36.1	91.0	11085.4	229.0	-54.9	99.9	246.1	46.4*	42.4	18.8	332.7	999.9	99.9	999.9	74.3	69.
36.5	92.0	11226.3	224.0	-55.6	99.9	243.0	42.1*	37.5	19.1	333.8	999.9	99.9	999.9	75.3	69.
37.0	93.0	11340.9	220.0	-56.2	99.9	241.0	42.8*	37.5	20.7	334.5	999.9	99.9	999.9	76.9	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
1540 GMT

156 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.5	94.0	11486.6	215.0	-57.6	99.9	240.8	52.9*	46.2	25.8	334.6	999.9	99.9	999.9	77.0	69.
37.9	95.0	11634.7	210.0	-58.9	99.9	241.1	59.0*	51.7	28.5	334.7	999.9	99.9	999.9	79.4	69.
38.5	96.0	11816.0	204.0	-60.2	99.9	241.7	58.5*	51.5	27.7	335.6	999.9	99.9	999.9	81.9	68.
39.0	97.0	11939.4	200.0	-60.9	99.9	241.8	58.9*	51.9	27.8	336.4	999.9	99.9	999.9	82.7	68.
39.5	98.0	12097.0	195.0	-60.3	99.9	241.1	60.4*	52.9	29.2	339.7	999.9	99.9	999.9	84.8	68.
40.0	99.0	12226.5	191.0	-59.5	99.9	239.8	51.3*	44.3	25.8	343.1	999.9	99.9	999.9	87.7	68.
40.5	100.0	12393.6	186.0	-56.7	99.9	238.9	45.9*	39.3	23.7	350.1	999.9	99.9	999.9	87.8	68.
41.2	101.0	12566.7	181.0	-55.7	99.9	238.8	67.9*	58.1	35.2	354.5	999.9	99.9	999.9	89.9	68.
41.7	102.0	12709.0	177.0	-55.7	99.9	238.2	81.3*	69.1	42.9	356.8	999.9	99.9	999.9	92.6	67.
42.2	103.0	12854.6	173.0	-55.7	99.9	237.2	80.7*	67.9	43.7	359.1	999.9	99.9	999.9	95.3	67.
42.7	104.0	13003.0	169.0	-57.2	99.9	236.8	72.1*	60.4	39.5	359.0	999.9	99.9	999.9	97.8	67.
43.3	105.0	13154.3	165.0	-57.9	99.9	237.8	63.3*	53.6	33.8	360.4	999.9	99.9	999.9	99.7	67.
43.8	106.0	13308.8	161.0	-58.6	99.9	239.3	60.8*	52.3	31.0	361.8	999.9	99.9	999.9	102.0	67.
44.3	107.0	13466.6	157.0	-59.3	99.9	241.6	68.9*	60.6	32.8	363.2	999.9	99.9	999.9	102.9	66.
44.8	108.0	13628.4	153.0	-59.1	99.9	243.6	81.6*	73.1	36.2	366.2	999.9	99.9	999.9	105.2	66.
45.3	109.0	13794.1	149.0	-60.0	99.9	244.9	82.1*	74.3	34.8	367.5	999.9	99.9	999.9	109.1	66.
45.9	110.0	13963.8	145.0	-60.5	99.9	245.3	70.8*	64.3	29.6	369.4	999.9	99.9	999.9	110.4	66.
46.6	111.0	14137.9	141.0	-60.9	99.9	244.0	62.3*	56.4	27.6	371.8	999.9	99.9	999.9	114.5	66.
47.1	112.0	14315.9	137.0	-60.7	99.9	242.8	60.2*	53.6	27.5	375.1	999.9	99.9	999.9	115.7	66.
47.7	113.0	14454.3	134.0	-62.1	99.9	242.4	69.2*	61.3	27.0	374.9	999.9	99.9	999.9	117.5	66.
48.2	114.0	14594.0	131.0	-62.7	99.9	242.6	77.2*	68.6	35.5	376.4	999.9	99.9	999.9	120.1	66.
48.9	115.0	14785.2	127.0	-62.7	99.9	242.9	66.5*	59.2	30.3	379.7	999.9	99.9	999.9	123.9	66.
49.6	116.0	14982.2	123.0	-63.3	99.9	244.9	45.7*	41.4	19.4	382.2	999.9	99.9	999.9	125.7	66.
50.1	117.0	15133.8	120.0	-64.0	99.9	247.9	41.8*	38.7	15.7	383.5	999.9	99.9	999.9	126.9	66.
50.7	118.0	15288.6	117.0	-64.6	99.9	248.1	50.1*	46.5	18.7	385.2	999.9	99.9	999.9	128.2	66.
51.2	119.0	15448.9	114.0	-65.6	99.9	247.7	50.5*	46.7	19.2	386.3	999.9	99.9	999.9	130.1	66.
51.7	120.0	15609.0	111.0	-65.8	99.9	250.0	36.8*	34.6	12.6	388.9	999.9	99.9	999.9	132.4	66.
52.2	121.0	15775.7	108.0	-65.2	99.9	256.5	25.7*	25.0	6.0	393.1	999.9	99.9	999.9	132.2	66.
52.9	122.0	15947.0	105.0	-65.8	99.9	254.2	36.4*	35.0	9.9	395.1	999.9	99.9	999.9	134.4	66.
53.4	123.0	16123.4	102.0	-65.2	99.9	243.4	54.3*	50.5	20.0	399.5	999.9	99.9	999.9	133.4	66.
54.0	124.0	16304.9	99.0	-66.0	99.9	245.2	74.9**	68.0	31.4	401.4	999.9	99.9	999.9	137.8	66.
54.5	125.0	16491.3	96.0	-66.6	99.9	244.3	74.0**	66.6	32.1	405.8	999.9	99.9	999.9	139.2	66.
55.2	126.0	16683.9	93.0	-65.6	99.9	235.9	34.0**	28.1	19.0	409.5	999.9	99.9	999.9	142.7	66.
55.7	127.0	16816.1	91.0	-65.4	99.9	188.2	11.6**	1.7	11.5	412.4	999.9	99.9	999.9	143.0	66.
56.3	128.0	17019.6	88.0	-66.6	99.9	206.4	21.9**	9.7	19.6	414.0	999.9	99.9	999.9	140.9	66.
56.9	129.0	17158.1	86.0	-68.2	99.9	229.7	54.0**	41.2	34.9	413.3	999.9	99.9	999.9	143.7	66.
57.4	130.0	17370.7	83.0	-69.3	99.9	232.5	52.3*	41.5	31.8	415.4	999.9	99.9	999.9	145.9	65.
58.1	131.0	17590.1	80.0	-70.0	99.9	236.0	30.7*	25.4	17.2	418.4	999.9	99.9	999.9	147.3	65.
58.7	132.0	17740.7	78.0	-70.2	99.9	243.5	34.1**	30.5	15.2	421.0	999.9	99.9	999.9	147.7	65.
59.2	133.0	17895.1	76.0	-70.2	99.9	246.0	35.7**	32.6	14.5	424.1	999.9	99.9	999.9	149.2	65.
59.8	134.0	18054.3	74.0	-68.5	99.9	250.5	13.7**	12.9	4.6	431.0	999.9	99.9	999.9	151.8	65.
60.4	135.0	18304.7	71.0	-64.8	99.9	250.2	5.3**	5.0	2.0	444.0	999.9	99.9	999.9	148.7	65.
61.1	136.0	18479.2	69.0	-64.6	99.9	243.8	48.1**	43.1	21.2	448.1	999.9	99.9	999.9	150.9	65.
61.8	137.0	18749.6	66.0	-66.4	99.9	245.8	57.5*	52.4	23.5	449.9	999.9	99.9	999.9	154.3	65.
62.5	138.0	18935.1	64.0	-68.2	99.9	250.5	44.4*	41.9	14.8	449.8	999.9	99.9	999.9	155.8	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
1540 GMT

156 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.2	139.0	19224.6	61.0	-66.4	99.9	250.6	34.9*	32.9	11.6	460.2	999.9	99.9	999.9	157.9	65.
63.9	140.0	19427.2	59.0	-64.8	99.9	241.4	9.8*	8.6	4.7	468.1	999.9	99.9	999.9	159.5	65.
64.7	141.0	19638.2	57.0	-63.8	99.9	233.8	7.0*	6.0	3.6	475.0	999.9	99.9	999.9	158.2	65.
65.4	142.0	19856.5	55.0	-65.2	99.9	245.2	17.6*	16.0	7.4	476.7	999.9	99.9	999.9	160.2	65.
66.2	143.0	20197.7	52.0	-65.8	99.9	61.2	8.5*	-7.5	-4.1	483.1	999.9	99.9	999.9	160.1	65.
66.9	144.0	20436.2	50.0	-65.4	99.9	54.9	8.9*	-7.3	-5.1	489.4	999.9	99.9	999.9	159.0	65.
67.8	145.0	20686.3	48.0	-62.5	99.9	248.0	36.4*	33.7	13.6	502.0	999.9	99.9	999.9	159.6	65.
68.6	146.0	20949.0	46.0	-62.3	99.9	250.9	42.4*	40.0	13.9	508.6	999.9	99.9	999.9	162.2	65.
69.5	147.0	21223.7	44.0	-62.1	99.9	256.6	34.4*	33.5	8.0	515.6	999.9	99.9	999.9	164.1	66.
70.2	148.0	21659.6	41.0	-62.7	99.9	262.0	19.9*	19.7	2.8	524.7	999.9	99.9	999.9	165.8	66.
71.0	149.0	21967.9	39.0	-62.7	99.9	269.1	12.3*	12.3	0.2	532.3	999.9	99.9	999.9	163.3	66.
71.9	150.0	22292.1	37.0	-63.1	99.9	254.0	35.8*	34.4	9.8	539.4	999.9	99.9	999.9	167.5	66.
72.7	151.0	22634.7	35.0	-62.3	99.9	290.5	10.2*	9.5	-3.6	550.0	999.9	99.9	999.9	168.9	66.
73.7	152.0	22999.6	33.0	-60.5	99.9	337.0	8.8*	3.5	-8.1	564.1	999.9	99.9	999.9	168.1	66.
74.7	153.0	23191.9	32.0	-59.1	99.9	267.5	19.7*	19.7	0.9	572.9	999.9	99.9	999.9	168.5	66.
75.7	154.0	23596.5	30.0	-59.1	99.9	4.1	6.1*	-0.4	-6.1	583.5	999.9	99.9	999.9	169.0	66.
76.8	155.0	24029.3	28.0	-58.9	99.9	253.0	19.0*	18.1	5.5	595.6	999.9	99.9	999.9	170.6	66.
78.0	156.0	24455.8	26.0	-57.6	99.9	249.8	33.3*	31.2	11.5	612.3	999.9	99.9	999.9	174.0	66.
79.2	157.0	25001.6	24.0	-57.2	99.9	247.3	65.5*	60.4	25.3	627.4	999.9	99.9	999.9	172.9	67.
80.4	158.0	25550.6	22.0	-58.2	99.9	999.9	99.9	99.9	99.9	640.2	999.9	99.9	999.9	999.9	999.
81.7	159.0	26150.8	20.0	-58.1	99.9	999.9	99.9	99.9	99.9	658.4	999.9	99.9	999.9	999.9	999.

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
1600 GMT

164 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	44.0	1006.0	18.6	14.9	310.0	2.6	2.0	-1.7	292.7	320.4	10.7	79.0	0.0	0.
0.2	5.0	112.5	998.0	17.2	14.2	281.8	2.9	2.8	-0.6	291.9	318.6	10.3	82.5	0.1	113.
0.6	6.0	233.2	984.0	16.2	13.5	283.1	2.8	2.8	-0.6	292.0	317.9	10.0	83.8	0.2	112.
0.9	7.0	337.6	972.0	15.2	13.3	287.2	2.7	2.6	-0.8	292.1	317.9	10.0	88.3	0.2	110.
1.3	8.0	434.1	961.0	14.1	12.7	298.3	2.7	2.4	-1.3	291.8	316.9	9.7	91.3	0.3	110.
1.7	9.0	522.6	951.0	13.5	12.6	301.1	3.4	2.9	-1.8	292.1	317.4	9.7	94.5	0.3	113.
2.1	10.0	620.6	940.0	12.5	11.7	294.4	4.8	4.4	-2.0	292.0	316.2	9.3	94.9	0.4	115.
2.5	11.0	746.8	926.0	12.0	11.4	284.6	6.6	6.4	-1.7	292.7	316.7	9.2	96.3	0.6	114.
2.8	12.0	846.9	915.0	10.8	9.8	279.5	7.9	7.8	-1.3	292.4	314.4	8.4	93.5	0.7	111.
3.2	13.0	922.6	905.0	10.1	8.4	271.0	9.7	9.7	-0.2	292.5	312.7	7.7	88.9	0.9	108.
3.5	14.0	1040.4	894.0	9.6	5.1	264.2	11.4	11.3	1.2	292.7	309.3	6.2	73.6	1.1	106.
3.9	15.0	1143.4	883.0	9.7	5.7	256.2	12.6	12.3	3.0	294.0	311.6	6.5	76.0	1.4	99.
4.4	16.0	1266.8	870.0	9.7	5.5	253.7	13.0	12.5	3.7	295.3	313.3	6.7	76.7	1.7	94.
4.8	17.0	1372.5	859.0	8.8	5.7	251.9	13.1	12.5	4.1	295.4	313.5	6.7	80.5	2.0	91.
5.2	18.0	1469.4	849.0	8.0	4.7	248.0	13.6	12.6	5.1	295.4	312.5	6.3	79.7	2.3	88.
5.7	19.0	1567.0	839.0	6.0	2.4	240.8	14.3	12.5	7.0	294.3	309.0	5.4	77.2	2.7	84.
6.1	20.0	1675.3	828.0	6.0	3.2	235.5	14.7	12.1	8.3	295.4	311.3	5.9	72.2	3.0	81.
6.7	21.0	1795.1	816.0	5.9	3.8	232.3	16.2	12.8	9.9	296.5	313.4	6.2	86.8	3.5	77.
7.2	22.0	1896.1	806.0	5.3	3.5	231.8	17.9	14.0	11.0	297.0	313.7	6.1	87.8	4.0	74.
7.6	23.0	1998.3	796.0	5.0	3.3	232.8	18.9	15.1	11.5	297.7	314.5	6.1	88.9	4.4	72.
8.3	24.0	2101.7	786.0	5.0	3.5	237.8	22.5	19.1	12.0	298.8	316.0	6.3	89.7	5.3	69.
8.8	25.0	2206.2	776.0	4.0	2.6	238.5	23.8	20.3	12.4	298.8	315.2	6.0	90.7	6.0	68.
9.3	26.0	2333.0	764.0	3.3	2.1	238.1	24.2	20.6	12.8	299.4	315.5	5.9	91.6	6.7	67.
9.7	27.0	2429.1	755.0	2.2	1.1	237.8	24.3	20.6	13.0	299.1	314.3	5.5	92.4	7.3	66.
10.2	28.0	2536.8	745.0	1.4	0.2	238.7	24.4	20.9	12.7	299.3	313.8	5.2	92.0	8.0	65.
10.7	29.0	2645.7	735.0	1.0	-0.1	241.3	24.9	21.9	12.0	300.1	314.5	5.2	92.0	8.7	65.
11.1	30.0	2745.0	726.0	1.0	-0.1	243.8	25.7	23.0	11.3	301.2	315.8	5.2	92.0	9.3	65.
11.6	31.0	2845.4	717.0	0.6	-0.6	246.4	26.5	24.3	10.6	301.7	316.1	5.1	91.8	10.1	65.
12.0	32.0	2958.3	707.0	0.1	-1.1	247.8	26.6	24.7	10.0	302.3	316.5	5.0	91.7	10.8	65.
12.5	33.0	3081.0	698.0	-0.2	-1.3	248.5	26.6	24.7	9.7	303.1	317.2	5.0	92.3	11.5	65.
13.0	34.0	3165.0	689.0	-0.7	-1.7	248.3	26.9	25.0	9.9	303.7	317.6	4.9	92.7	12.4	65.
13.4	35.0	3270.1	680.0	-1.3	-2.3	248.6	27.0	25.1	9.9	304.1	317.7	4.8	93.5	13.0	66.
14.1	36.0	3400.2	669.0	-2.0	-2.7	250.5	25.9	24.4	8.7	304.8	318.2	4.7	94.6	14.2	66.
14.7	37.0	3507.9	660.0	-2.6	-3.4	251.1	26.3	24.9	8.5	305.3	318.3	4.5	94.4	15.0	66.
15.2	38.0	3616.9	651.0	-3.4	-4.2	250.1	27.4	25.8	9.3	305.6	318.0	4.3	93.9	15.8	67.
15.8	39.0	3727.1	642.0	-3.8	-4.7	249.5	27.2	25.4	9.5	306.2	318.5	4.2	93.9	16.9	67.
16.2	40.0	3826.1	634.0	-4.3	-5.3	249.3	26.7	24.9	9.4	306.8	318.6	4.1	92.3	17.5	67.
16.9	41.0	3964.3	623.0	-4.6	-5.7	248.6	26.9	25.1	9.8	308.0	319.7	4.0	91.7	18.6	67.
17.3	42.0	4066.0	615.0	-5.5	-6.7	248.5	26.9	25.0	9.8	308.0	319.1	3.8	91.2	19.3	67.
17.8	43.0	4181.7	606.0	-6.1	-7.4	250.0	27.2	25.5	9.3	308.6	319.4	3.6	90.6	20.1	67.
18.3	44.0	4285.8	598.0	-6.7	-8.1	252.5	28.8	27.5	8.7	309.1	319.5	3.5	89.9	20.8	67.
18.7	45.0	4391.0	590.0	-7.3	-8.8	253.1	30.1	28.8	8.8	309.6	319.5	3.3	88.9	21.5	67.
19.1	46.0	4510.8	581.0	-7.7	-9.2	251.6	30.2	28.7	9.6	310.4	320.2	3.3	88.8	22.4	68.
19.4	47.0	4618.7	573.0	-8.4	-10.0	248.9	29.3	27.3	10.5	310.8	320.1	3.1	88.2	23.0	68.
19.9	48.0	4727.8	565.0	-9.0	-10.7	243.8	29.0	26.0	12.8	311.3	320.4	3.0	87.7	23.6	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
1800 GMT

164 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
20.3	49.0	4838.1	557.0	-9.7	-11.5	239.7	30.6	26.5	15.5	311.7	320.4	2.9	87.1	24.3	68.
20.7	50.0	4963.9	548.0	-10.5	-12.3	236.3	33.0	27.4	18.3	312.3	320.6	2.7	86.6	25.2	67.
21.3	51.0	5091.3	539.0	-11.2	-13.0	235.0	35.7	29.2	20.5	312.9	320.9	2.6	86.0	26.3	66.
21.7	52.0	5206.1	531.0	-11.9	-13.6	237.5	36.0	30.3	19.3	313.4	321.0	2.5	85.3	27.2	66.
22.1	53.0	5322.2	523.0	-12.7	-14.8	241.2	34.7	30.4	16.7	313.7	320.9	2.3	84.6	28.2	66.
22.6	54.0	5425.0	516.0	-13.3	-15.4	244.5	30.7	27.7	13.2	314.2	321.2	2.2	83.9	29.2	66.
23.0	55.0	5544.0	508.0	-14.0	-16.2	245.1	27.8	25.2	11.7	314.8	321.4	2.1	83.2	29.8	66.
23.6	56.0	5679.7	499.0	-14.6	-16.9	244.1	31.1*	27.9	13.6	315.7	322.1	2.0	82.5	30.6	66.
24.0	57.0	5786.6	492.0	-15.5	-17.9	243.9	36.3*	32.6	16.0	315.8	321.8	1.9	81.9	31.5	66.
24.3	58.0	5894.8	485.0	-15.9	-18.4	244.0	39.5*	35.5	17.3	316.5	322.4	1.8	81.4	32.2	66.
24.7	59.0	6019.9	477.0	-17.0	-19.6	244.2	41.2*	37.1	17.9	316.7	322.1	1.7	80.6	33.3	66.
25.1	60.0	6130.8	470.0	-17.7	-20.3	244.5	39.5*	35.6	17.0	317.1	322.3	1.6	80.0	34.4	66.
25.4	61.0	6243.0	463.0	-18.4	-21.0	244.9	35.8*	32.4	15.2	317.6	322.6	1.5	79.6	35.2	66.
25.8	62.0	6356.7	456.0	-19.1	-21.7	245.8	32.0*	29.1	13.1	318.2	322.9	1.5	79.5	35.9	66.
26.2	63.0	6471.7	449.0	-19.9	-22.6	246.4	31.4*	28.8	12.6	318.6	323.0	1.4	78.8	36.4	66.
26.6	64.0	6588.2	442.0	-20.7	-23.5	246.4	34.4*	31.6	12.8	319.0	323.2	1.3	77.9	37.0	66.
27.0	65.0	6706.1	435.0	-21.6	-24.5	245.8	39.4*	36.0	16.1	319.2	323.2	1.2	77.6	38.2	66.
27.4	65.0	6842.6	427.0	-22.7	-25.6	245.7	44.2*	40.3	18.2	319.5	323.2	1.1	77.2	39.0	66.
27.8	67.0	6963.8	420.0	-23.4	-26.3	246.0	49.3*	45.1	20.1	320.2	323.7	1.1	76.7	40.2	66.
28.1	68.0	7069.0	414.0	-24.2	-27.2	246.2	52.4*	47.9	21.2	320.5	323.8	1.0	76.1	41.1	66.
28.4	69.0	7193.2	407.0	-25.1	-28.1	246.2	53.5*	48.9	21.5	320.8	323.9	0.9	75.6	41.8	66.
28.8	70.0	7300.9	401.0	-25.9	-29.1	246.4	48.0*	44.0	19.2	321.1	324.0	0.9	74.4	43.9	66.
29.3	71.0	7446.7	393.0	-26.8	-30.1	246.1	38.8*	35.4	15.7	321.8	324.4	0.8	73.7	45.1	66.
29.7	72.0	7576.2	386.0	-27.8	-31.1	244.2	36.3*	32.7	15.8	322.2	324.7	0.7	73.2	45.2	66.
30.1	73.0	7688.6	380.0	-28.8	-32.2	242.0	38.8*	34.2	18.2	322.2	324.5	0.7	72.2	46.0	66.
30.5	74.0	7802.3	374.0	-29.8	-33.2	241.5	41.7*	36.6	19.9	322.4	324.6	0.6	71.5	48.3	66.
30.9	75.0	7917.4	368.0	-30.7	-34.2	246.2	42.5*	38.8	17.2	322.7	324.7	0.6	70.4	48.2	65.
31.3	76.0	8034.0	362.0	-31.6	-35.2	249.9	45.4*	42.6	15.6	323.0	324.8	0.5	69.8	49.3	66.
31.7	77.0	8151.9	356.0	-32.8	-36.5	250.3	48.7*	45.8	16.4	322.9	324.5	0.5	69.5	50.6	66.
32.1	78.0	8271.4	350.0	-33.8	-37.6	247.9	50.4*	46.7	18.9	323.2	324.7	0.4	68.0	51.8	66.
32.5	79.0	8372.1	345.0	-34.6	-38.5	245.0	48.5*	44.0	20.5	323.4	324.8	0.4	67.4	52.9	66.
32.9	80.0	8494.5	339.0	-35.5	-39.6	244.4	44.7*	40.3	19.3	323.8	325.0	0.4	65.7	54.6	66.
33.5	81.0	8639.5	322.0	-36.6	-40.6	244.4	47.2*	42.6	20.4	324.2	325.4	0.3	64.8	55.2	66.
33.9	82.0	8765.6	326.0	-37.5	-41.7	243.6	54.5*	48.9	24.3	324.6	325.7	0.3	64.7	56.5	66.
34.2	83.0	8872.1	321.0	-38.5	-42.7	243.2	55.8*	49.7	25.2	324.7	325.7	0.3	64.2	58.0	66.
34.7	84.0	9001.4	315.0	-39.7	-44.0	242.7	50.8*	45.1	23.3	324.7	325.6	0.2	63.3	60.1	66.
35.1	85.0	9110.5	310.0	-41.0	-45.9	242.5	44.7*	39.7	20.6	324.6	999.9	99.9	999.9	60.8	66.
35.7	86.0	9265.5	303.0	-42.1	-47.9	241.5	47.6*	41.8	22.8	325.1	999.9	99.9	999.9	62.1	66.
36.1	87.0	9377.9	298.0	-42.8	-48.9	240.8	54.4*	47.5	26.5	325.7	999.9	99.9	999.9	63.4	65.
36.6	88.0	9491.9	293.0	-43.7	-49.9	241.1	59.4*	52.0	28.7	326.0	999.9	99.9	999.9	65.2	65.
37.0	89.0	9630.6	287.0	-44.9	-50.9	241.9	57.9*	51.1	27.3	326.1	999.9	99.9	999.9	67.3	65.
37.4	90.0	9747.8	282.0	-45.8	-51.9	242.8	54.5*	48.5	24.9	326.5	999.9	99.9	999.9	68.0	65.
37.9	91.0	9866.6	277.0	-47.1	-53.9	243.1	52.3*	46.6	23.7	326.3	999.9	99.9	999.9	69.6	65.
38.3	92.0	9986.9	272.0	-48.2	-54.9	242.6	51.0*	45.3	23.4	326.5	999.9	99.9	999.9	71.0	65.
38.7	93.0	10108.9	267.0	-49.1	-55.9	242.3	50.5*	44.7	23.5	326.9	999.9	99.9	999.9	72.2	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**NOTICE**

**Page 100 follows page 90**

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
1800 GMT

164 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
39.2	94.0	10232.7	262.0	-50.3	99.9	242.4	52.7*	46.7	24.4	326.9	999.9	99.9	999.9	73.4	65.
39.7	95.0	10358.1	257.0	-51.4	99.9	242.5	59.3*	52.6	27.4	327.1	999.9	99.9	999.9	75.2	65.
40.3	96.0	10485.3	252.0	-52.8	99.9	242.0	69.9*	61.7	32.9	326.8	999.9	99.9	999.9	77.3	65.
40.8	97.0	10614.4	247.0	-53.8	99.9	242.4	73.5*	65.2	34.0	327.3	999.9	99.9	999.9	79.9	65.
41.2	98.0	10745.4	242.0	-55.1	99.9	243.6	70.6*	63.2	31.4	327.2	999.9	99.9	999.9	81.8	65.
41.8	99.0	10851.8	238.0	-55.2	99.9	245.9	65.9*	60.1	27.0	328.5	999.9	99.9	999.9	84.1	65.
42.3	100.0	10959.9	234.0	-55.7	99.9	246.5	69.9*	64.1	27.9	329.4	999.9	99.9	999.9	85.4	65.
42.9	101.0	11125.1	228.0	-56.4	99.9	247.6	66.9*	61.9	25.4	330.8	999.9	99.9	999.9	89.3	65.
43.4	102.0	11237.2	224.0	-57.3	99.9	249.9	54.9*	51.5	18.8	331.2	999.9	99.9	999.9	90.9	65.
43.9	103.0	11351.0	220.0	-58.0	99.9	249.9	57.8*	54.3	19.9	331.8	999.9	99.9	999.9	90.9	65.
44.3	104.0	11495.7	215.0	-58.5	99.9	248.1	68.2*	63.3	25.4	333.2	999.9	99.9	999.9	93.1	65.
44.8	105.0	11613.5	211.0	-59.6	99.9	246.5	71.9*	65.9	28.6	333.3	999.9	99.9	999.9	95.9	65.
45.3	106.0	11733.0	207.0	-60.3	99.9	246.1	61.4*	56.1	24.8	334.0	999.9	99.9	999.9	98.1	65.
46.0	107.0	11854.7	203.0	-60.3	99.9	246.9	55.2*	50.8	21.7	335.9	999.9	99.9	999.9	99.7	65.
46.4	108.0	11978.8	199.0	-60.1	99.9	245.9	69.2**	63.2	28.3	338.1	999.9	99.9	999.9	100.6	65.
47.0	109.0	12106.0	195.0	-58.7	99.9	243.8	84.5**	75.8	37.3	342.4	999.9	99.9	999.9	104.6	65.
47.4	110.0	12236.4	191.0	-58.0	99.9	242.8	81.3**	72.4	37.1	345.5	999.9	99.9	999.9	106.8	65.
48.1	111.0	12404.1	186.0	-56.8	99.9	244.1	66.5**	59.8	29.1	350.1	999.9	99.9	999.9	109.2	65.
48.6	112.0	12507.6	183.0	-54.9	99.9	246.2	58.6**	53.6	23.7	354.7	999.9	99.9	999.9	112.3	65.
49.2	113.0	12649.1	179.0	-54.1	99.9	243.8	70.9**	63.7	31.3	358.3	999.9	99.9	999.9	112.2	65.
49.7	114.0	12794.1	175.0	-54.3	99.9	240.3	72.8**	63.2	36.1	360.4	999.9	99.9	999.9	116.0	65.
50.3	115.0	12904.8	172.0	-54.7	99.9	235.8	48.5**	40.1	27.2	361.3	999.9	99.9	999.9	119.1	65.
51.2	116.0	13093.5	167.0	-54.9	99.9	242.7	83.8**	74.5	38.4	364.1	999.9	99.9	999.9	119.7	65.
51.8	117.0	13209.3	164.0	-54.9	99.9	243.9	110.4**	99.1	48.6	366.0	999.9	99.9	999.9	125.1	65.
52.4	118.0	13366.8	160.0	-55.9	99.9	242.9	103.9**	92.5	47.3	366.9	999.9	99.9	999.9	128.7	65.
53.0	119.0	13487.1	157.0	-56.6	99.9	241.3	87.7**	76.9	42.1	367.8	999.9	99.9	999.9	132.3	65.
53.5	120.0	13650.7	153.0	-56.8	99.9	240.7	72.3**	63.0	35.4	370.2	999.9	99.9	999.9	135.9	64.
54.0	121.0	13776.3	150.0	-56.4	99.9	240.8	65.9**	57.5	32.1	372.9	999.9	99.9	999.9	134.9	64.
54.6	122.0	13904.3	147.0	-57.3	99.9	241.0	60.7**	53.1	29.4	373.6	999.9	99.9	999.9	140.0	64.
55.0	123.0	14034.5	144.0	-58.0	99.9	241.0	52.2**	45.6	25.3	374.6	999.9	99.9	999.9	139.3	64.
55.6	124.0	14211.7	140.0	-58.8	99.9	240.0	39.9**	34.5	19.9	376.1	999.9	99.9	999.9	142.7	64.
56.0	125.0	14347.3	137.0	-60.1	99.9	238.6	39.1**	33.4	20.4	376.2	999.9	99.9	999.9	142.1	64.
56.7	126.0	14531.8	133.0	-61.2	99.9	238.3	35.3**	30.0	18.5	377.4	999.9	99.9	999.9	144.7	64.
57.2	127.0	14673.0	130.0	-62.5	99.9	233.8	17.0**	13.7	10.0	377.6	999.9	99.9	999.9	146.4	64.
57.8	128.0	14816.7	127.0	-63.5	99.9	218.2	12.7**	7.8	10.0	378.3	999.9	99.9	999.9	145.0	64.
58.4	129.0	14963.3	124.0	-64.1	99.9	231.0	41.6**	32.7	25.7	379.9	999.9	99.9	999.9	145.4	64.
58.9	130.0	15112.9	121.0	-65.1	99.9	235.4	49.9**	41.1	28.3	380.7	999.9	99.9	999.9	148.4	64.
59.5	131.0	15266.0	118.0	-65.1	99.9	238.0	28.2**	23.9	15.0	383.5	999.9	99.9	999.9	150.3	64.
60.0	132.0	15422.5	115.0	-66.1	99.9	243.9	22.3**	20.0	9.8	384.4	999.9	99.9	999.9	149.3	64.
60.6	133.0	15582.8	112.0	-66.3	99.9	246.8	59.3**	54.5	23.4	386.9	999.9	99.9	999.9	150.7	64.
61.3	134.0	15746.7	109.0	-67.8	99.9	247.4	90.1**	83.2	34.6	387.1	999.9	99.9	999.9	154.9	64.
62.1	135.0	15858.2	107.0	-67.6	99.9	255.6	38.4**	37.2	9.6	389.6	999.9	99.9	999.9	160.0	64.
63.0	136.0	16087.5	103.0	-67.8	99.9	261.3	24.9**	24.6	2.8	393.5	999.9	99.9	999.9	157.5	64.
63.8	137.0	16265.8	100.0	-66.7	99.9	246.1	49.4**	45.2	20.0	398.9	999.9	99.9	999.9	161.5	64.
64.6	138.0	16450.0	97.0	-66.7	99.9	243.8	66.4**	59.5	29.3	402.4	999.9	99.9	999.9	163.3	64.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
1800 GMT

164 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.1	139.0	16640.3	94.0	-66.1	99.9	242.3	68.0**	60.2	31.7	407.2	999.9	99.9	999.9	165.8	64.
65.9	140.0	16837.3	91.0	-65.5	99.9	223.3	21.2**	14.6	15.4	412.2	999.9	99.9	999.9	167.6	64.
66.6	141.0	17040.8	88.0	-66.3	99.9	155.2	11.4**	-4.8	10.4	414.6	999.9	99.9	999.9	169.9	64.
67.4	142.0	17250.7	85.0	-66.9	99.9	229.0	50.2**	37.9	32.9	417.4	999.9	99.9	999.9	167.6	64.
68.2	143.0	17467.0	82.0	-68.2	99.9	235.2	52.9**	43.4	30.2	419.1	999.9	99.9	999.9	173.7	64.
69.0	144.0	17690.7	79.0	-68.4	99.9	240.1	30.6**	26.5	15.2	423.1	999.9	99.9	999.9	174.0	64.
69.9	145.0	17922.8	76.0	-68.4	99.9	243.5	51.7**	46.3	23.0	427.8	999.9	99.9	999.9	176.0	64.
70.7	146.0	18164.1	73.0	-68.9	99.9	243.7	63.1**	56.6	28.0	431.9	999.9	99.9	999.9	179.2	64.
71.6	147.0	18416.4	70.0	-66.9	99.9	247.3	23.0**	21.2	8.9	441.3	999.9	99.9	999.9	182.5	64.
72.5	148.0	18681.0	67.0	-66.9	99.9	251.1	10.1**	9.6	3.3	446.8	999.9	99.9	999.9	182.5	64.
73.4	149.0	18863.5	65.0	-68.2	99.9	244.3	30.0**	27.0	13.0	447.9	999.9	99.9	999.9	181.9	64.
74.4	150.0	19149.6	62.0	-64.7	99.9	267.7	11.5**	11.5	0.5	461.8	999.9	99.9	999.9	186.5	64.
75.4	151.0	19452.4	59.0	-64.9	99.9	254.7	40.5**	39.1	10.7	468.0	999.9	99.9	999.9	182.0	64.
76.3	152.0	19771.1	56.0	-64.5	99.9	249.4	50.0**	55.3	20.8	475.9	999.9	99.9	999.9	190.1	64.
77.3	153.0	20107.0	53.0	-65.3	99.9	273.2	12.6**	12.5	-0.7	481.6	999.9	99.9	999.9	189.4	64.
78.6	154.0	20342.3	51.0	-63.5	99.9	248.2	54.9**	50.9	20.4	491.1	999.9	99.9	999.9	193.8	64.
79.9	155.0	20716.2	48.0	-61.8	99.9	250.9	46.4**	43.8	15.2	503.8	999.9	99.9	999.9	199.1	64.
81.1	156.0	20979.8	46.0	-61.6	99.9	49.0	18.2**	-13.7	-12.0	510.5	999.9	99.9	999.9	200.8	64.
82.3	157.0	21396.7	43.0	-62.7	99.9	251.9	15.6**	14.8	4.8	517.6	999.9	99.9	999.9	198.4	64.
83.7	158.0	21843.7	40.0	-61.6	99.9	256.9	21.7**	21.2	4.9	531.3	999.9	99.9	999.9	200.2	64.
84.9	159.0	22162.0	38.0	-61.0	99.9	56.1	40.6**	-33.7	-22.6	540.5	999.9	99.9	999.9	200.6	65.
86.2	160.0	22673.5	35.0	-60.6	99.9	257.9	17.2**	16.8	3.6	554.4	999.9	99.9	999.9	197.3	65.
87.8	161.0	23233.0	32.0	-59.4	99.9	254.3	35.4**	34.1	9.6	572.2	999.9	99.9	999.9	201.0	65.
89.4	162.0	23638.1	30.0	-58.3	99.9	250.9	55.7**	52.6	18.2	585.7	999.9	99.9	999.9	202.6	65.
91.1	163.0	24300.1	27.0	-59.0	99.9	248.1	35.8**	33.2	13.4	601.6	999.9	99.9	999.9	213.1	65.
93.0	164.0	25040.7	24.0	-58.0	99.9	243.7	15.1**	13.6	6.7	625.3	999.9	99.9	999.9	216.4	65.
95.0	165.0	25880.0	21.0	-59.2	99.9	245.1	50.0**	45.3	21.0	645.9	999.9	99.9	999.9	214.2	65.
97.1	166.0	26507.2	19.0	-59.2	99.9	60.3	45.0	-39.1	-22.3	664.7	999.9	99.9	999.9	210.7	65.
99.4	167.0	27589.1	16.0	-57.3	99.9	999.9	99.9	99.9	99.9	704.5	999.9	99.9	999.9	999.9	999.



STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
2100 GMT

151 50. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	44.0	1004.1	18.0	14.9	310.0	2.6	2.0	-1.7	292.2	319.9	10.7	82.0	0.0	0.
0.3	5.0	113.4	996.0	16.9	14.3	242.7	2.0	1.8	0.9	291.8	318.6	10.4	84.7	0.1	56.
0.8	6.0	234.2	982.0	15.9	15.0	243.9	2.8	2.5	1.2	292.0	320.4	11.0	94.2	0.1	59.
1.1	7.0	338.8	970.0	15.1	14.2	249.2	3.9	3.7	1.4	292.2	319.5	10.5	94.1	0.1	61.
1.4	8.0	435.6	959.0	14.5	12.7	257.5	5.8	5.7	1.3	292.4	317.6	9.7	88.8	0.2	62.
1.8	9.0	533.3	948.0	14.5	7.0	266.2	7.6	7.6	0.5	293.0	310.8	6.7	60.8	0.4	72.
2.2	10.0	632.0	937.0	14.3	5.5	272.2	9.1	9.1	-0.3	293.7	310.0	6.1	55.3	0.6	78.
2.6	11.0	759.0	923.0	13.4	3.2	275.9	10.5	10.4	-1.1	293.8	308.0	5.2	50.0	0.8	82.
2.9	12.0	859.8	912.0	12.6	2.9	278.5	11.2	11.1	-1.7	294.1	308.2	5.2	51.6	1.0	85.
3.3	13.0	961.5	901.0	11.6	2.4	279.3	12.5	12.3	-2.0	294.1	307.9	5.1	53.0	1.3	88.
3.7	14.0	1054.7	891.0	10.9	1.5	275.8	13.9	13.8	-1.4	294.2	307.3	4.8	52.1	1.6	91.
4.0	15.0	1158.5	880.0	11.5	-1.7	271.2	15.0	15.0	-0.3	295.7	306.4	3.8	39.7	1.9	92.
4.5	16.0	1282.6	867.0	10.7	-12.0	267.9	15.5	15.5	0.6	295.9	301.1	1.8	18.9	2.3	90.
4.9	17.0	1388.8	856.0	10.2	-8.6	269.8	16.1	16.1	0.0	296.5	303.3	2.3	25.8	2.7	90.
5.2	18.0	1486.3	846.0	9.6	-11.4	269.5	15.7	15.7	0.1	296.9	302.4	1.9	21.3	3.0	90.
5.6	19.0	1594.7	835.0	8.9	-16.7	267.1	14.9	14.9	0.8	297.1	300.9	1.2	14.5	3.4	90.
6.0	20.0	1694.2	825.0	8.2	-10.2	262.3	14.8	14.6	2.0	297.5	303.7	2.1	25.8	3.7	90.
6.4	21.0	1814.9	813.0	7.1	-8.4	261.3	15.8	15.6	2.4	297.7	304.9	2.5	32.1	4.1	89.
6.7	22.0	1926.7	802.0	6.3	-7.6	262.9	16.2	16.1	2.0	297.9	305.6	2.7	35.8	4.4	88.
7.1	23.0	2029.5	792.0	6.1	-14.2	264.7	16.7	16.6	1.5	298.7	303.5	1.6	21.6	4.7	88.
7.5	24.0	2133.4	782.0	5.4	-14.5	261.9	17.7	17.5	2.5	299.0	303.8	1.6	22.1	5.2	88.
7.9	25.0	2238.4	772.0	4.4	-6.7	258.2	19.5	19.1	4.0	299.2	307.8	3.0	44.2	5.6	88.
8.3	26.0	2355.2	761.0	4.2	-4.7	254.5	21.8	21.0	5.8	300.3	310.5	3.5	52.1	6.0	87.
8.7	27.0	2462.9	751.0	3.9	-1.7	251.8	23.9	22.7	7.5	301.2	314.0	4.5	66.8	6.6	85.
9.1	28.0	2571.9	741.0	3.4	3.1	250.1	25.7	24.2	8.7	302.1	320.1	6.5	97.8	7.2	84.
9.4	29.0	2671.2	732.0	2.9	1.9	249.6	26.6	25.0	9.3	302.6	319.4	6.0	93.0	7.7	83.
9.9	30.0	2782.8	722.0	2.7	1.9	249.5	27.9	26.2	9.8	303.6	320.8	6.1	94.7	8.4	82.
10.2	31.0	2884.4	713.0	2.1	1.7	249.7	28.6	26.8	9.9	303.9	321.0	6.1	97.2	9.0	81.
10.5	32.0	2987.0	704.0	1.2	0.9	250.0	29.3	27.5	10.0	304.1	320.5	5.8	97.5	9.5	80.
10.9	33.0	3090.6	695.0	0.6	0.1	250.4	30.3	28.5	10.2	304.5	320.3	5.6	96.8	10.2	80.
11.3	34.0	3195.4	686.0	0.1	-0.3	250.4	31.5	29.6	10.6	305.1	320.6	5.5	96.7	10.9	79.
11.6	35.0	3301.4	677.0	-0.2	-0.7	250.1	32.4	30.5	11.0	305.8	321.3	5.4	96.7	11.5	79.
12.1	36.0	3432.6	666.0	-1.0	-1.5	249.1	34.0	31.8	12.1	306.4	321.2	5.2	96.6	12.4	78.
12.4	37.0	3541.2	657.0	-1.8	-2.1	248.1	34.8	32.3	13.0	306.6	321.0	5.0	97.4	13.1	78.
12.8	38.0	3651.0	648.0	-2.6	-2.9	246.0	35.5	32.4	14.4	306.9	320.8	4.8	97.7	13.9	77.
13.1	39.0	3749.7	640.0	-2.9	-3.1	244.3	35.8	32.2	15.5	307.7	321.5	4.8	98.3	14.5	77.
13.4	40.0	3862.2	631.0	-2.7	-2.9	242.5	36.0	31.9	16.6	309.1	323.4	4.9	98.3	15.2	76.
14.0	41.0	4001.6	620.0	-3.8	-4.0	240.3	36.4	31.6	18.0	309.4	322.8	4.6	98.2	16.4	75.
14.3	42.0	4104.2	612.0	-4.7	-5.0	240.0	36.5	31.6	18.2	309.5	322.2	4.3	98.0	17.1	74.
14.7	43.0	4207.9	604.0	-4.7	-5.1	239.8	36.3	31.4	18.3	310.6	323.4	4.3	97.0	17.9	73.
15.1	44.0	4326.1	595.0	-5.5	-6.2	239.8	36.0	31.1	18.1	311.0	323.1	4.1	94.7	18.8	73.
15.5	45.0	4432.4	587.0	-5.9	-8.9	240.2	35.9	31.1	17.8	311.6	322.0	3.4	81.9	19.6	72.
15.9	46.0	4526.4	580.0	-6.2	-9.4	241.2	36.4	31.9	17.6	312.3	322.1	3.2	78.0	20.4	72.
16.2	47.0	4648.7	571.0	-7.1	-10.6	241.9	37.0	32.6	17.4	312.7	321.8	3.0	76.1	21.1	71.
16.6	48.0	4758.7	563.0	-8.0	-10.6	242.9	37.9	33.7	17.3	312.9	322.1	3.0	81.4	22.0	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
2100 GMT

151 50. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.9	49.0	4855.9	556.0	-8.8	-11.7	243.7	38.6	34.6	17.1	312.9	321.5	2.8	79.7	22.6	71.
17.2	50.0	4568.0	548.0	-10.0	-15.6	244.6	39.2	35.4	16.8	312.8	319.2	2.1	63.4	23.3	71.
17.7	51.0	5095.6	539.0	-10.6	-19.7	245.9	39.7	36.2	16.2	313.5	318.2	1.5	46.8	24.6	70.
18.0	52.0	5210.6	531.0	-11.4	-20.5	246.4	39.7	36.3	15.9	313.8	318.3	1.4	47.6	25.3	70.
18.3	53.0	5326.8	523.0	-12.4	-20.1	246.6	39.9	36.6	15.8	314.0	318.7	1.5	52.3	26.0	70.
18.7	54.0	5429.5	516.0	-13.8	-20.5	247.0	40.5	37.3	15.8	313.5	318.1	1.4	56.7	26.9	70.
19.0	55.0	5548.1	508.0	-14.7	-21.1	247.4	41.4	38.2	15.9	313.9	318.3	1.4	57.9	27.7	70.
19.3	56.0	5668.2	500.0	-15.6	-21.9	247.4	41.8	38.6	16.0	314.1	318.3	1.3	58.4	28.4	70.
19.7	57.0	5774.4	493.0	-16.5	-22.2	247.0	41.7	38.4	16.3	314.3	318.5	1.3	60.7	29.5	70.
20.1	58.0	5897.4	485.0	-16.9	-25.5	245.9	41.4	37.8	16.9	315.3	318.5	1.0	47.0	30.6	70.
20.4	59.0	6006.5	478.0	-17.6	-34.5	244.9	41.6	37.7	17.7	315.7	317.1	0.4	21.0	31.1	70.
20.8	60.0	6116.8	471.0	-18.1	-36.1	243.6	42.6	38.2	16.9	316.3	317.6	0.4	18.8	32.1	69.
21.1	61.0	6228.5	464.0	-18.9	-37.2	242.8	43.4*	38.6	19.8	316.7	317.8	0.3	18.0	32.9	69.
21.5	62.0	6341.6	457.0	-19.9	-27.1	241.9	43.7*	38.6	20.6	316.9	319.9	0.9	52.2	34.1	69.
21.9	63.0	6456.0	450.0	-20.7	-27.1	241.8	43.4*	38.3	20.5	317.3	320.3	0.9	56.0	35.0	69.
22.3	64.0	6555.1	444.0	-21.2	-37.3	242.6	43.6*	38.7	20.1	317.8	319.0	0.3	21.7	36.1	69.
22.7	65.0	6689.0	436.0	-22.4	-39.5	243.7	44.0*	39.5	19.5	317.9	318.9	0.3	19.2	37.1	68.
23.2	66.0	6807.7	429.0	-23.5	-40.4	244.8	44.7*	40.5	19.0	318.0	318.9	0.3	19.3	38.4	68.
23.6	67.0	6927.7	422.0	-24.5	-39.7	245.2	44.8*	40.7	18.8	318.1	319.1	0.3	22.7	39.6	68.
24.0	68.0	7049.4	415.0	-25.1	-42.6	245.3	44.7*	40.6	18.7	319.0	319.7	0.2	17.6	40.6	68.
24.3	69.0	7155.2	409.0	-25.2	-53.3	245.5	45.6*	41.5	18.9	320.1	320.4	0.1	5.2	41.4	68.
24.7	70.0	7262.4	403.0	-26.0	-51.5	246.0	46.9*	42.8	19.1	320.4	320.7	0.1	7.0	42.4	68.
25.3	71.0	7407.2	395.0	-27.2	-52.2	246.7	46.8*	43.0	18.5	320.7	321.0	0.1	7.2	44.4	68.
25.7	72.0	7517.3	389.0	-27.7	-60.9	246.6	45.8*	42.0	18.2	321.4	321.5	0.0	2.5	45.5	68.
26.2	73.0	7629.0	383.0	-28.0	-67.9	246.1	47.6*	43.5	19.3	322.5	322.5	0.0	1.0	46.5	68.
26.6	74.0	7742.3	377.0	-28.5	-68.2	245.8	51.7*	47.1	21.2	323.3	323.3	0.0	1.0	47.6	68.
27.0	75.0	7857.0	371.0	-29.5	-68.8	245.9	54.7*	49.9	22.3	323.5	323.5	0.0	1.0	49.1	68.
27.4	76.0	7973.2	365.0	-30.0	-69.2	245.6	50.8*	46.3	21.0	324.3	324.3	0.0	1.0	50.8	68.
27.8	77.0	8091.2	359.0	-30.4	-69.4	245.3	47.5*	43.1	19.9	325.3	325.4	0.0	1.0	51.8	68.
28.1	78.0	8190.7	354.0	-31.3	-70.0	245.2	46.9*	42.6	19.7	325.4	325.4	0.0	1.0	52.3	68.
28.5	79.0	8311.6	348.0	-32.1	-70.6	245.6	51.1*	46.5	21.1	325.9	325.9	0.0	1.0	53.1	68.
28.9	80.0	8434.1	342.0	-32.2	-71.3	246.3	56.2*	51.5	22.5	326.1	326.1	0.0	1.0	54.9	68.
29.3	81.0	8579.1	335.0	-34.5	-72.2	247.0	56.9*	52.4	22.2	326.2	326.2	0.0	1.0	56.3	68.
29.7	82.0	8684.0	330.0	-35.3	-72.1	247.4	54.7*	50.5	21.0	326.5	326.5	0.0	1.0	57.7	68.
30.0	83.0	8811.6	324.0	-36.0	-73.1	247.4	51.8*	47.9	19.9	327.2	327.3	0.0	1.0	58.8	68.
30.3	84.0	8919.4	319.0	-37.1	-73.5	246.3	50.0*	45.8	20.1	327.2	327.2	0.0	1.0	59.5	68.
30.7	85.0	9028.4	314.0	-38.0	-48.8	244.1	48.1*	43.2	21.0	327.4	327.9	0.1	30.8	60.6	68.
31.1	86.0	9183.3	307.0	-39.4	-47.1	240.9	46.7*	40.8	22.7	327.6	328.2	0.2	43.2	62.0	67.
31.4	87.0	9295.4	302.0	-40.5	99.9	238.3	45.9*	39.0	24.1	327.6	999.9	99.9	999.9	62.7	67.
31.7	88.0	9409.0	297.0	-41.2	99.9	236.1	45.0*	37.4	25.1	328.2	999.9	99.9	999.9	63.4	67.
32.1	89.0	9524.1	292.0	-42.2	99.9	233.9	43.9*	35.5	25.9	328.4	999.9	99.9	999.9	64.4	67.
32.4	90.0	9640.6	287.0	-43.5	99.9	232.8	43.2*	34.4	26.1	328.2	999.9	99.9	999.9	65.6	67.
32.8	91.0	9758.7	282.0	-44.3	99.9	232.4	45.2*	35.8	27.5	328.7	999.9	99.9	999.9	66.1	67.
33.1	92.0	9878.3	277.0	-45.3	99.9	232.6	48.5*	38.6	29.5	323.9	999.9	99.9	999.9	66.6	66.
33.5	93.0	9999.5	272.0	-46.5	99.9	233.3	56.0*	44.9	33.5	328.9	999.9	99.9	999.9	68.1	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
2100 GMT

151 50. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
33.9	94.0	10122.4	267.0	-47.5	99.9	233.5	61.5*	49.5	36.6	329.2	999.9	99.9	999.9	69.6	66.
34.2	95.0	10222.0	263.0	-48.6	99.9	233.3	61.9*	49.6	37.0	329.1	999.9	99.9	999.9	70.7	66.
34.7	96.0	10373.4	257.0	-49.8	99.9	231.9	55.8*	44.0	34.4	329.5	999.9	99.9	999.9	72.7	65.
35.0	97.0	10501.6	252.0	-50.9	99.9	230.3	49.2*	37.8	31.4	329.7	999.9	99.9	999.9	74.0	65.
35.4	98.0	10605.6	248.0	-51.6	99.9	227.8	44.8*	33.2	30.1	330.1	999.9	99.9	999.9	74.7	65.
35.8	99.0	10710.8	244.0	-53.1	99.9	228.0	49.6*	36.9	33.2	329.5	999.9	99.9	999.9	75.0	65.
36.1	100.0	10844.1	239.0	-53.7	99.9	228.9	55.5*	41.8	36.5	330.5	999.9	99.9	999.9	75.7	65.
36.6	101.0	10979.5	234.0	-55.2	99.9	229.8	62.4*	47.7	40.3	330.3	999.9	99.9	999.9	78.4	64.
37.0	102.0	11117.2	229.0	-56.0	99.9	228.7	58.7*	44.1	38.7	331.0	999.9	99.9	999.9	80.1	64.
37.3	103.0	11228.9	225.0	-57.4	99.9	227.5	53.9*	39.8	36.4	330.6	999.9	99.9	999.9	80.8	64.
37.7	104.0	11342.1	221.0	-58.2	99.9	226.6	50.7*	36.8	34.8	331.0	999.9	99.9	999.9	81.7	63.
38.1	105.0	11456.8	217.0	-59.3	99.9	226.7	51.3*	37.3	35.2	331.1	999.9	99.9	999.9	82.7	63.
38.4	106.0	11573.2	213.0	-59.8	99.9	227.1	53.5*	39.2	36.4	332.0	999.9	99.9	999.9	84.0	63.
38.9	107.0	11691.3	209.0	-61.1	99.9	228.1	58.5*	43.5	39.1	331.8	999.9	99.9	999.9	85.2	63.
39.2	108.0	11811.1	205.0	-61.8	99.9	228.9	62.1*	46.8	40.8	332.5	999.9	99.9	999.9	86.3	63.
39.7	109.0	11932.7	201.0	-63.2	99.9	230.4	66.5*	51.2	42.4	332.3	999.9	99.9	999.9	88.4	62.
40.1	110.0	12056.1	197.0	-63.9	99.9	231.5	67.4*	52.7	41.9	333.0	999.9	99.9	999.9	90.1	62.
40.6	111.0	12213.4	192.0	-64.7	99.9	233.2	67.2*	53.8	40.2	334.1	999.9	99.9	999.9	92.1	62.
41.0	112.0	12309.6	189.0	-64.3	99.9	234.9	68.2*	55.8	39.2	336.3	999.9	99.9	999.9	92.8	62.
41.4	113.0	12440.3	185.0	-64.7	99.9	236.3	64.8*	53.9	35.9	337.7	999.9	99.9	999.9	95.7	62.
41.9	114.0	12574.7	181.0	-61.8	99.9	238.1	57.6*	48.9	30.4	344.6	999.9	99.9	999.9	97.3	62.
42.3	115.0	12713.8	177.0	-59.3	99.9	239.7	57.4*	49.6	29.0	351.0	999.9	99.9	999.9	98.1	61.
42.9	116.0	12857.4	173.0	-58.2	99.9	241.3	68.5*	60.1	32.9	355.0	999.9	99.9	999.9	100.3	61.
43.4	117.0	13004.7	169.0	-58.2	99.9	242.1	82.0*	72.4	38.4	357.4	999.9	99.9	999.9	102.7	61.
43.9	118.0	13117.4	166.0	-58.2	99.9	242.7	90.1*	80.1	41.4	359.2	999.9	99.9	999.9	105.0	61.
44.3	119.0	13270.9	162.0	-58.6	99.9	242.9	87.8*	78.2	40.0	361.2	999.9	99.9	999.9	108.0	62.
44.8	120.0	13388.3	159.0	-58.7	99.9	243.3	77.6*	69.3	34.9	362.8	999.9	99.9	999.9	110.4	62.
45.2	121.0	13548.2	155.0	-59.1	99.9	244.3	69.6*	62.7	30.2	364.8	999.9	99.9	999.9	111.9	62.
45.7	122.0	13670.4	152.0	-60.2	99.9	246.7	66.0*	60.7	26.1	365.0	999.9	99.9	999.9	113.9	62.
46.2	123.0	13794.5	149.0	-61.1	99.9	248.5	70.0**	65.2	25.7	365.6	999.9	99.9	999.9	115.7	62.
46.6	124.0	13963.5	145.0	-61.3	99.9	248.8	74.3**	69.3	26.8	368.1	999.9	99.9	999.9	117.7	62.
47.1	125.0	14092.2	142.0	-61.3	99.9	249.4	71.2**	66.6	25.0	370.3	999.9	99.9	999.9	119.5	62.
47.7	126.0	14270.6	138.0	-61.3	99.9	253.4	51.0**	48.8	14.6	373.3	999.9	99.9	999.9	122.9	62.
48.2	127.0	14406.8	135.0	-61.6	99.9	256.5	40.7**	39.5	9.5	375.0	999.9	99.9	999.9	123.0	62.
48.7	128.0	14545.8	132.0	-62.6	99.9	254.4	41.8**	40.3	11.2	375.8	999.9	99.9	999.9	124.1	62.
49.1	129.0	14687.5	129.0	-62.8	99.9	252.2	43.1**	41.0	13.1	377.9	999.9	99.9	999.9	125.5	63.
49.6	130.0	14832.1	126.0	-63.9	99.9	251.6	43.0**	40.8	13.6	378.4	999.9	99.9	999.9	127.4	63.
50.2	131.0	15029.9	122.0	-63.7	99.9	252.1	52.4**	49.9	16.1	382.2	999.9	99.9	999.9	127.5	63.
50.7	132.0	15182.7	119.0	-63.5	99.9	252.8	57.2**	54.7	17.0	385.3	999.9	99.9	999.9	130.9	63.
51.2	133.0	15339.2	116.0	-64.1	99.9	252.1	60.7**	57.8	18.7	387.0	999.9	99.9	999.9	131.4	63.
51.7	134.0	15499.4	113.0	-64.7	99.9	250.3	68.3**	64.3	23.0	388.8	999.9	99.9	999.9	133.1	63.
52.2	135.0	15663.5	110.0	-65.1	99.9	249.4	67.3**	63.0	23.7	391.1	999.9	99.9	999.9	136.5	63.
52.8	136.0	15831.9	107.0	-65.3	99.9	248.7	53.0**	49.4	19.3	393.8	999.9	99.9	999.9	138.0	63.
53.4	137.0	16063.4	103.0	-66.2	99.9	245.6	51.7**	47.0	21.4	396.6	999.9	99.9	999.9	139.7	63.
54.1	138.0	16242.3	100.0	-66.8	99.9	243.6	72.5**	64.9	32.3	398.7	999.9	99.9	999.9	141.6	63.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
2100 GMT

151 50. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
54.8	139.0	16426.3	97.0	-67.2	99.9	243.4	77.7**	69.5	34.8	401.4	999.9	99.9	999.9	146.0	63.
55.5	140.0	16679.5	93.0	-68.5	99.9	243.4	56.5**	50.5	25.3	403.7	999.9	99.9	999.9	148.8	63.
56.1	141.0	16875.4	90.0	-69.8	99.9	243.4	43.4**	38.8	15.4	404.8	999.9	99.9	999.9	150.4	63.
56.8	142.0	17077.7	87.0	-69.2	99.9	243.6	39.8**	35.7	17.7	410.1	999.9	99.9	999.9	152.0	63.
57.6	143.0	17287.4	84.0	-68.9	99.9	245.7	44.1**	40.2	18.1	414.7	999.9	99.9	999.9	153.8	63.
58.3	144.0	17580.1	80.0	-67.8	99.9	249.2	46.7**	43.3	17.4	422.8	999.9	99.9	999.9	155.9	63.
59.0	145.0	17810.5	77.0	-66.8	99.9	249.2	43.2**	40.4	15.3	429.7	999.9	99.9	999.9	157.9	63.
59.8	146.0	18050.4	74.0	-67.4	99.9	246.7	38.9**	35.7	15.4	433.2	999.9	99.9	999.9	159.8	64.
60.7	147.0	18300.2	71.0	-66.8	99.9	243.9	27.1**	24.4	11.9	439.8	999.9	99.9	999.9	161.8	64.
61.6	148.0	18562.6	68.0	-64.5	99.9	58.3	0.6**	-0.5	-0.3	450.1	999.9	99.9	999.9	163.0	64.
62.4	149.0	18838.2	65.0	-64.7	99.9	46.7	4.2**	-3.1	-2.9	455.5	999.9	99.9	999.9	163.3	64.
63.4	150.0	19127.0	62.0	-64.1	99.9	250.4	25.4**	23.9	8.5	463.0	999.9	99.9	999.9	161.6	64.
64.3	151.0	19430.5	59.0	-64.3	99.9	254.7	15.4**	14.8	4.1	469.2	999.9	99.9	999.9	164.7	64.
65.3	152.0	19749.0	56.0	-65.3	99.9	258.8	48.4	47.4	9.4	473.9	999.9	99.9	999.9	164.0	64.
66.4	153.0	20085.0	53.0	-64.3	99.9	999.9	99.9	99.9	99.9	483.8	999.9	99.9	999.9	999.9	999.
67.4	154.0	20442.2	50.0	-63.4	99.9	999.9	99.9	99.9	99.9	494.2	999.9	99.9	999.9	999.9	999.

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
2315 GMT

161 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	44.0	1004.3	16.4	14.1	280.0	1.5	1.5	-0.3	290.5	316.6	10.1	86.0	0.0	0.
0.3	5.0	97.7	998.0	16.1*	13.6	288.7	6.3	6.0	-2.0	290.7	316.2	9.9	85.3	0.2	106.
0.6	6.0	226.6	983.0	15.7	12.7	288.5	6.4	6.1	-2.0	291.5	316.1	9.5	82.4	0.2	106.
1.0	7.0	330.9	971.0	14.7	11.3	287.7	6.8	6.5	-2.1	291.5	314.2	8.7	80.1	0.4	107.
1.4	8.0	436.1	959.0	13.9	8.7	288.6	7.9	7.5	-2.5	291.5	311.0	7.4	70.9	0.6	107.
1.7	9.0	542.3	947.0	12.9	8.1	286.8	8.0	7.7	-2.3	291.5	310.5	7.2	72.4	0.7	108.
2.1	10.0	640.5	936.0	12.0	7.5	282.0	7.6	7.4	-1.6	291.5	310.0	7.0	74.0	0.9	108.
2.6	11.0	766.7	922.0	11.0	6.9	275.9	7.2	7.1	-0.7	291.8	309.8	6.8	75.7	1.1	105.
3.0	12.0	875.9	910.0	9.9	6.1	280.1	8.2	8.0	-1.4	291.7	309.0	6.5	77.2	1.3	104.
3.3	13.0	977.1	899.0	9.4	4.5	283.9	9.0	8.8	-2.2	292.0	307.8	5.9	71.6	1.5	104.
3.6	14.0	1088.5	887.0	8.6	4.5	297.1	10.1	9.7	-3.0	292.4	308.3	6.0	74.9	1.6	104.
4.1	15.0	1191.7	876.0	7.9	-0.5	289.5	12.7	12.0	-4.2	292.5	304.0	4.2	55.3	2.0	105.
4.5	16.0	1315.1	863.0	8.3	-4.6	286.4	14.5	13.9	-4.1	294.0	302.8	3.1	39.6	2.3	106.
4.9	17.0	1430.9	851.0	9.0	-7.4	280.0	14.6	14.4	-2.5	295.8	303.2	2.6	30.6	2.6	105.
5.2	18.0	1528.6	841.0	8.3	-9.2	276.5	14.7	14.6	-1.7	296.0	302.6	2.3	27.9	2.9	105.
5.6	19.0	1637.2	830.0	7.6	-8.5	273.6	14.9	14.9	-0.9	296.4	303.1	2.3	29.9	3.3	104.
5.9	20.0	1736.8	820.0	6.7	-8.0	273.5	15.2	15.2	-0.9	296.5	303.8	2.6	34.1	3.5	103.
6.4	21.0	1867.8	807.0	5.6	-7.6	270.7	16.2	16.2	-0.2	296.8	304.4	2.7	37.8	4.0	102.
6.7	22.0	1979.8	796.0	4.8	-8.5	268.9	16.6	16.6	0.3	297.0	304.3	2.5	37.5	4.3	101.
7.1	23.0	2082.8	786.0	4.1	-8.1	266.9	17.2	17.2	0.9	297.3	304.9	2.6	40.5	4.7	99.
7.6	24.0	2186.7	776.0	3.1	-7.8	266.2	18.8	18.7	1.3	297.3	305.2	2.7	44.7	5.1	98.
7.9	25.0	2291.8	766.0	2.6	-7.5	265.8	19.8	19.8	1.5	297.9	306.1	2.8	47.3	5.5	97.
8.4	26.0	2429.9	753.0	1.1	-8.4	263.9	21.3	21.2	2.3	297.8	305.5	2.7	49.1	6.1	96.
8.8	27.0	2537.3	743.0	0.6	-7.6	261.2	22.6	22.3	3.5	298.4	306.8	2.9	54.2	6.6	95.
9.2	28.0	2635.2	734.0	0.4	-5.0	258.4	24.5	24.0	4.9	299.3	309.6	3.6	66.8	7.1	94.
9.6	29.0	2745.3	724.0	-0.2	-2.6	256.1	27.0	26.2	6.5	299.9	312.2	4.4	83.7	7.7	93.
10.0	30.0	2856.8	714.0	-0.0	-1.7	254.6	29.7	28.6	7.9	301.3	314.7	4.8	88.9	8.4	91.
10.3	31.0	2958.6	705.0	-0.2	-0.5	253.5	30.8	29.6	8.8	302.3	317.1	5.2	97.9	9.0	90.
10.8	32.0	3073.1	695.0	-0.5	-0.6	251.5	32.2	30.5	10.2	303.2	317.9	5.2	97.8	9.9	89.
11.1	33.0	3177.4	686.0	-1.0	-1.3	250.2	32.8	30.8	11.1	303.8	318.1	5.1	97.5	10.4	88.
11.5	34.0	3282.8	677.0	-2.1	-2.4	248.4	33.6	31.3	12.3	303.6	317.2	4.8	98.0	11.2	86.
11.9	35.0	3401.1	667.0	-2.7	-3.0	247.2	34.2	31.5	13.2	304.2	317.4	4.6	97.9	12.0	85.
12.3	36.0	3533.1	656.0	-3.2	-3.5	246.6	34.2	31.4	13.6	305.1	318.1	4.5	97.8	12.8	84.
12.7	37.0	3642.4	647.0	-4.0	-4.3	246.3	34.0	31.1	13.7	305.4	317.8	4.3	97.3	13.6	83.
13.1	38.0	3753.0	638.0	-4.7	-5.1	246.3	33.8	31.0	12.6	305.7	317.7	4.1	97.4	14.3	82.
13.5	39.0	3852.3	630.0	-5.6	-6.0	246.5	34.2	31.4	13.6	305.8	317.0	3.9	97.0	15.1	81.
13.9	40.0	3977.8	620.0	-6.2	-10.5	247.5	35.2	32.5	13.4	306.3	314.3	2.7	69.4	15.9	80.
14.3	41.0	4117.8	609.0	-6.2	-25.2	248.9	35.8	33.4	12.9	307.6	310.3	0.8	20.6	16.7	80.
14.7	42.0	4221.1	601.0	-6.8	-28.4	250.1	36.0	33.9	12.3	308.1	310.1	0.6	16.0	17.6	79.
15.2	43.0	4338.7	592.0	-7.6	-29.0	250.9	36.0	34.0	11.8	308.6	310.5	0.6	16.0	18.7	79.
15.6	44.0	4444.4	584.0	-8.5	-26.1	250.8	36.0	34.0	11.9	308.8	311.3	0.8	22.5	19.5	78.
15.9	45.0	4551.3	576.0	-9.2	-28.5	250.3	36.2	34.1	12.2	309.1	311.2	0.6	19.0	20.2	78.
16.3	46.0	4659.3	568.0	-9.6	-30.2	249.7	37.1	34.8	12.9	309.8	311.6	0.5	16.7	21.0	78.
16.7	47.0	4768.7	560.0	-10.4	-30.6	249.6	38.7	36.3	13.5	310.2	312.0	0.5	16.8	21.9	77.
17.1	48.0	4810.0	557.0	-11.5	-31.1	250.0	40.6	38.2	13.9	309.3	311.0	0.5	17.8	22.8	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
2315 GMT

161 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.5	49.0	4991.1	544.0	-11.2	-30.4	250.5	42.2	39.7	14.1	311.8	313.6	0.6	18.7	23.9	77.
17.9	50.0	5104.4	536.0	-13.2	-33.6	250.6	42.4	40.0	14.1	310.7	312.1	0.4	16.1	24.9	77.
18.4	51.0	5247.6	526.0	-13.9	-35.8	250.1	42.7	40.1	14.5	311.5	312.7	0.3	13.7	26.1	76.
18.8	52.0	5349.4	519.0	-13.8	-35.7	249.5	43.4	40.6	15.2	312.9	314.1	0.3	13.6	27.1	76.
19.3	53.0	5467.4	511.0	-14.2	-40.7	249.1	44.5	41.6	15.9	313.3	314.5	0.2	8.4	28.5	76.
19.6	54.0	5571.8	504.0	-15.0	-41.2	249.1	45.2*	42.2	15.1	314.0	314.7	0.2	8.5	29.2	76.
20.0	55.0	5692.7	496.0	-15.6	-42.8	249.4	45.9*	43.0	16.1	314.8	315.4	0.2	7.5	30.3	75.
20.4	56.0	5830.7	487.0	-16.1	-44.7	250.0	46.0*	43.3	15.8	315.7	316.2	0.1	6.4	31.5	75.
20.9	57.0	5939.6	480.0	-16.9	-43.1	250.4	45.5*	42.9	15.3	316.0	316.6	0.2	8.2	32.8	75.
21.2	58.0	6049.7	473.0	-17.3	-47.1	250.4	44.8*	42.2	15.0	316.8	317.3	0.1	5.4	33.7	75.
21.5	59.0	6161.2	466.0	-18.3	-47.6	250.3	43.9*	41.4	14.8	317.0	317.4	0.1	5.5	34.5	75.
22.0	60.0	6290.3	458.0	-19.2	-47.3	250.6	44.1*	41.6	14.5	317.4	317.8	0.1	6.2	35.9	74.
22.3	61.0	6388.2	452.0	-20.2	-47.1	251.0	46.7*	44.1	15.2	317.4	317.8	0.1	6.9	36.4	74.
22.8	62.0	6503.5	445.0	-21.4	-45.5	251.3	50.6*	47.9	16.2	317.3	317.8	0.1	9.2	37.9	74.
23.1	63.0	6620.3	438.0	-22.2	-46.0	251.0	51.5*	48.7	16.8	317.7	318.2	0.1	9.3	39.1	74.
23.5	64.0	6738.6	431.0	-22.6	-53.0	250.0	49.4*	46.4	16.9	318.7	318.9	0.1	4.3	40.5	74.
24.0	65.0	6841.4	425.0	-23.3	-64.8	248.0	45.2*	41.9	16.9	319.1	319.2	0.0	1.0	41.5	74.
24.5	66.0	6997.9	416.0	-23.7	-65.0	246.8	44.1*	40.5	17.3	320.5	320.6	0.0	1.0	42.9	74.
24.9	67.0	7103.9	410.0	-24.7	-65.7	247.0	44.4*	40.9	17.3	320.5	320.6	0.0	1.0	44.0	74.
25.3	68.0	7211.0	404.0	-25.1	-66.0	247.5	44.6*	41.2	17.1	321.4	321.4	0.0	1.0	45.0	73.
25.7	69.0	7337.7	397.0	-26.3	-66.7	248.1	45.1*	41.9	16.9	321.4	321.5	0.0	1.0	46.1	73.
26.2	70.0	7447.6	391.0	-27.2	-67.4	248.6	47.0*	43.7	17.2	321.6	321.7	0.0	1.0	47.4	73.
26.7	71.0	7577.4	384.0	-28.7	-68.2	248.6	49.4*	46.0	18.0	321.4	321.4	0.0	1.0	48.8	73.
27.1	72.0	7709.0	377.0	-29.1	-68.6	248.3	50.2*	46.6	16.6	322.5	322.6	0.0	1.0	50.1	73.
27.6	73.0	7823.5	371.0	-30.0	-69.2	247.6	48.7*	45.0	18.5	322.8	322.8	0.0	1.0	51.8	73.
28.0	74.0	7919.9	366.0	-31.2	-69.9	247.3	47.3*	43.7	18.2	322.5	322.5	0.0	1.0	52.4	73.
28.5	75.0	8036.9	360.0	-31.7	-70.3	248.1	47.9*	44.5	17.9	323.3	323.3	0.0	1.0	54.4	72.
29.0	76.0	8155.5	354.0	-32.8	-71.0	249.4	48.4*	45.3	17.0	323.4	323.5	0.0	1.0	55.2	72.
29.4	77.0	8275.6	348.0	-34.0	-71.6	249.9	46.3*	43.5	15.9	323.4	323.4	0.0	1.0	57.1	72.
29.9	78.0	8376.8	343.0	-34.9	-72.4	250.0	44.3*	41.6	15.2	323.5	323.5	0.0	1.0	58.1	72.
30.3	79.0	8499.8	337.0	-35.5	-72.8	249.4	44.9*	42.1	15.8	324.2	324.2	0.0	1.0	58.9	72.
30.7	80.0	8624.5	331.0	-36.6	-73.5	248.2	46.4*	43.1	17.3	324.4	324.4	0.0	1.0	60.2	72.
31.2	81.0	8750.9	325.0	-38.0	-74.4	245.5	49.1*	44.7	20.3	324.3	324.3	0.0	1.0	61.7	72.
31.7	82.0	8879.0	319.0	-38.9	-75.1	242.5	52.8*	46.8	24.4	324.7	324.7	0.0	1.0	62.9	72.
32.0	83.0	8987.2	314.0	-39.7	-75.6	240.8	55.2*	48.2	26.9	325.0	325.1	0.0	1.0	64.4	72.
32.3	84.0	9096.8	309.0	-40.4	99.9	239.2	54.4*	46.7	27.9	325.7	999.9	99.9	999.9	65.2	72.
32.7	85.0	9230.2	303.0	-41.5	99.9	236.6	51.0*	42.6	28.1	326.0	999.9	99.9	999.9	66.4	71.
33.2	86.0	9365.5	297.0	-42.7	99.9	232.2	43.4*	34.3	26.6	326.1	999.9	99.9	999.9	68.0	71.
33.6	87.0	9479.9	292.0	-43.8	99.9	227.9	38.0*	28.2	25.5	326.1	999.9	99.9	999.9	68.7	71.
34.0	88.0	9595.6	287.0	-44.8	99.9	224.5	35.9*	25.1	25.6	326.3	999.9	99.9	999.9	69.6	70.
34.3	89.0	9712.9	282.0	-45.8	99.9	224.7	38.4*	27.0	27.3	326.5	999.9	99.9	999.9	69.8	70.
34.7	90.0	9831.8	277.0	-46.7	99.9	225.2	42.0*	29.8	29.6	326.9	999.9	99.9	999.9	70.7	70.
35.1	91.0	9952.3	272.0	-48.0	99.9	225.3	45.4*	32.3	31.9	326.8	999.9	99.9	999.9	72.0	69.
35.5	92.0	10074.4	267.0	-49.0	99.9	224.5	47.1*	33.0	33.6	327.0	999.9	99.9	999.9	72.9	69.
35.9	93.0	10173.3	263.0	-49.9	99.9	223.4	47.9*	32.9	34.8	327.1	999.9	99.9	999.9	73.6	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
2315 GMT

161 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.2	94.0	10298.5	258.0	-50.8	99.5	223.5	48.6*	33.4	35.3	327.6	999.9	99.9	999.9	74.7	68.
36.6	95.0	10425.7	253.0	-51.7	99.5	224.7	50.5*	35.5	35.8	328.1	999.9	99.9	999.9	76.0	68.
37.1	96.0	10554.9	248.0	-52.5	99.0	228.5	55.9*	41.9	37.0	328.8	999.9	99.9	999.9	76.6	68.
37.6	97.0	10659.7	244.0	-53.7	99.9	230.7	60.1*	46.5	38.1	328.5	999.9	99.9	999.9	79.1	67.
38.1	98.0	10792.6	239.0	-54.5	99.9	229.5	58.2*	44.3	37.8	329.2	999.9	99.9	999.9	80.9	67.
38.5	99.0	10900.4	235.0	-55.5	99.9	227.1	54.4*	39.9	37.0	329.3	999.9	99.9	999.9	81.6	67.
38.9	100.0	11037.1	230.0	-56.6	99.9	224.8	50.1*	35.3	35.6	329.6	999.9	99.9	999.9	83.4	66.
39.5	101.0	11176.0	225.0	-58.2	99.5	222.4	45.7*	30.8	33.7	329.4	999.9	99.9	999.9	84.7	66.
40.0	102.0	11288.8	221.0	-59.0	99.5	222.9	47.8*	32.5	35.0	329.8	999.9	99.9	999.9	85.5	65.
40.4	103.0	11403.2	217.0	-59.7	99.5	223.0	49.1*	33.5	35.9	330.4	999.9	99.9	999.9	87.2	65.
40.8	104.0	11519.2	213.0	-60.6	99.9	223.5	50.2*	34.6	36.4	330.8	999.9	99.9	999.9	88.3	65.
41.2	105.0	11636.9	209.0	-61.9	99.9	225.7	55.3*	39.5	38.6	330.6	999.9	99.9	999.9	89.1	65.
41.7	106.0	11756.3	205.0	-62.6	99.9	229.2	68.2*	51.6	44.6	331.3	999.9	99.9	999.9	90.5	64.
42.2	107.0	11877.6	201.0	-63.3	99.9	231.3	78.3*	61.1	49.0	332.0	999.9	99.9	999.9	93.2	64.
42.5	108.0	12001.1	197.0	-63.7	99.5	231.9	79.9*	62.9	49.3	333.3	999.9	99.9	999.9	95.5	64.
42.9	109.0	12126.7	193.0	-64.3	99.5	232.6	74.8*	59.4	45.4	334.4	999.9	99.9	999.9	96.4	63.
43.3	110.0	12222.5	190.0	-64.5	99.5	233.4	68.5*	55.0	40.8	335.5	999.9	99.9	999.9	98.1	63.
43.7	111.0	12385.6	185.0	-64.3	99.9	234.3	62.2*	50.5	36.3	338.4	999.9	99.9	999.9	100.1	63.
44.2	112.0	12519.6	181.0	-63.3	99.9	236.2	58.2*	44.4	32.4	342.1	999.9	99.9	999.9	101.5	63.
44.7	113.0	12622.5	178.0	-62.8	99.9	238.7	62.3*	53.2	32.4	344.7	999.9	99.9	999.9	102.7	63.
45.1	114.0	12762.8	174.0	-62.0	99.9	240.5	69.0*	60.0	33.9	348.1	999.9	99.9	999.9	105.3	63.
45.7	115.0	12870.5	171.0	-61.3	99.9	243.1	78.1*	69.7	35.3	351.1	999.9	99.9	999.9	106.9	63.
46.3	116.0	13054.7	166.0	-61.1	99.9	244.7	81.6**	73.8	34.8	354.4	999.9	99.9	999.9	111.0	63.
46.7	117.0	13168.0	163.0	-61.1	99.5	245.2	81.0**	73.5	34.0	356.2	999.9	99.9	999.9	112.4	63.
47.3	118.0	13283.1	160.0	-62.0	99.5	245.6	76.4**	69.6	31.5	356.6	999.9	99.9	999.9	115.6	63.
47.7	119.0	13439.7	156.0	-62.0	99.9	246.4	71.8**	65.8	23.8	359.2	999.9	99.9	999.9	117.8	63.
48.3	120.0	13559.5	153.0	-62.8	99.9	248.6	72.3**	67.4	26.3	359.9	999.9	99.9	999.9	119.0	63.
48.8	121.0	13681.5	150.0	-63.0	99.9	250.8	78.5**	74.1	25.8	361.6	999.9	99.9	999.9	121.6	63.
49.4	122.0	13805.8	147.0	-63.1	99.9	252.8	77.2**	73.7	22.9	363.4	999.9	99.9	999.9	125.0	63.
49.9	123.0	13975.7	143.0	-62.8	99.9	252.3	69.4**	66.1	21.1	366.9	999.9	99.9	999.9	126.6	64.
50.5	124.0	14106.3	140.0	-62.8	99.5	247.4	57.4**	53.0	22.1	369.2	999.9	99.9	999.9	129.6	64.
51.0	125.0	14239.5	137.0	-63.9	99.5	243.3	46.2**	41.3	20.8	369.5	999.9	99.9	999.9	130.8	64.
51.8	126.0	14374.8	134.0	-65.1	99.9	257.4	32.8**	32.0	7.1	369.8	999.9	99.9	999.9	133.1	64.
52.5	127.0	14513.1	121.0	-64.3	99.9	254.7	55.5**	53.6	14.7	373.5	999.9	99.9	999.9	131.1	64.
53.0	128.0	14654.6	128.0	-64.9	99.9	249.0	90.1**	84.1	32.3	375.0	999.9	99.9	999.9	136.2	64.
53.7	129.0	14799.1	125.0	-65.3	99.9	249.9	93.7**	88.0	32.2	376.8	999.9	99.9	999.9	140.5	64.
54.2	130.0	14947.1	122.0	-65.1	99.9	252.3	78.2**	74.5	23.7	379.8	999.9	99.9	999.9	143.0	64.
54.9	131.0	15150.2	118.0	-65.3	99.5	256.1	54.5**	52.9	13.1	383.1	999.9	99.9	999.9	146.5	65.
55.5	132.0	15307.1	115.0	-65.3	99.5	257.2	47.1**	46.0	10.4	385.9	999.9	99.9	999.9	146.0	65.
56.2	133.0	15413.8	113.0	-65.5	99.5	252.4	62.1**	59.2	18.8	387.5	999.9	99.9	999.9	149.3	65.
56.9	134.0	15577.8	110.0	-64.9	99.9	250.8	74.0**	69.9	24.3	391.6	999.9	99.9	999.9	152.6	65.
57.5	135.0	15746.2	107.0	-65.5	99.9	250.8	73.8**	69.7	24.3	393.6	999.9	99.9	999.9	154.5	65.
58.3	136.0	15919.1	104.0	-65.9	99.9	249.9	62.3**	58.5	21.4	396.0	999.9	99.9	999.9	158.5	65.
59.0	137.0	16096.7	101.0	-66.1	99.9	248.4	58.8**	54.6	21.6	399.0	999.9	99.9	999.9	160.0	65.
59.6	138.0	16279.3	98.0	-66.9	99.9	246.0	55.4**	50.6	22.5	400.9	999.9	99.9	999.9	163.7	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

6 FEBRUARY 1975  
2315 GMT

161 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.4	139.0	16530.4	94.0	-67.9	99.9	242.3	51.0**	45.1	23.7	403.6	999.9	99.9	999.9	165.8	65.
61.2	140.0	16659.3	92.0	-69.4	99.9	235.2	18.3**	15.0	10.5	403.2	999.9	99.9	999.9	167.7	65.
62.1	141.0	16925.4	88.0	-68.1	99.9	178.5	3.6**	-0.1	3.6	410.9	999.9	99.9	999.9	166.8	65.
63.0	142.0	17133.4	85.0	-69.7	99.9	243.2	36.6**	32.7	16.5	413.7	999.9	99.9	999.9	169.1	65.
63.7	143.0	17348.2	82.0	-69.4	99.9	249.7	26.8**	25.1	9.3	416.7	999.9	99.9	999.9	169.9	65.
64.5	144.0	17571.5	79.0	-67.9	99.9	251.6	41.9**	39.8	13.2	424.2	999.9	99.9	999.9	170.3	65.
65.4	145.0	17803.8	76.0	-68.7	99.9	253.4	35.5**	34.0	10.1	427.2	999.9	99.9	999.9	172.8	65.
66.2	146.0	17962.8	74.0	-70.3	99.9	255.6	24.6**	23.8	6.1	427.2	999.9	99.9	999.9	175.3	65.
67.3	147.0	18209.6	71.0	-69.0	99.9	250.8	36.1**	34.1	11.9	435.1	999.9	99.9	999.9	177.5	65.
68.2	148.0	18467.9	68.0	-68.7	99.9	251.1	26.7**	25.2	8.6	441.0	999.9	99.9	999.9	178.0	65.
69.1	149.0	18738.9	65.0	-67.5	99.9	246.9	37.7**	34.7	14.8	449.5	999.9	99.9	999.9	180.2	65.
70.1	150.0	18928.1	63.0	-65.5	99.9	250.7	60.6**	57.2	20.0	458.0	999.9	99.9	999.9	182.5	66.
71.3	151.0	19225.9	60.0	-64.1	99.9	298.3	8.8**	7.8	-4.2	467.4	999.9	99.9	999.9	187.2	66.
72.3	152.0	19540.6	57.0	-63.3	99.9	54.3	29.5**	-23.9	-17.2	476.1	999.9	99.9	999.9	183.7	66.
73.3	153.0	19759.2	55.0	-65.1	99.9	258.4	4.6**	4.5	0.9	477.0	999.9	99.9	999.9	184.5	66.
74.5	154.0	20098.9	52.0	-67.7	99.9	245.9	43.5**	39.7	17.8	478.6	999.9	99.9	999.9	188.9	66.
75.8	155.0	20456.9	49.0	-67.3	99.9	245.9	20.1**	18.4	8.2	487.8	999.9	99.9	999.9	188.6	66.
77.2	156.0	20838.3	46.0	-66.9	99.9	266.3	7.0**	6.9	0.5	497.7	999.9	99.9	999.9	189.4	66.
78.5	157.0	21106.7	44.0	-67.1	99.9	62.3	47.4**	-42.0	-22.0	503.5	999.9	99.9	999.9	188.9	66.
80.0	158.0	21535.5	41.0	-64.7	99.9	245.6	10.7**	9.8	4.4	519.8	999.9	99.9	999.9	189.7	66.
81.8	159.0	21842.3	39.0	-62.8	99.9	255.8	48.6**	47.1	11.9	532.1	999.9	99.9	999.9	191.1	66.
83.5	160.0	22335.1	36.0	-63.1	99.9	246.3	59.8**	54.7	24.0	543.4	999.9	99.9	999.9	198.6	66.
85.2	161.0	22686.7	34.0	-63.1	99.9	256.0	17.3**	16.8	4.2	552.4	999.9	99.9	999.9	196.5	66.
86.9	162.0	23253.6	31.0	-64.1	99.9	248.1	69.0**	64.1	25.7	564.6	999.9	99.9	999.9	205.0	66.
89.1	163.0	23663.0	29.0	-63.1	99.9	250.7	81.2	76.6	26.8	578.1	999.9	99.9	999.9	202.4	66.
91.0	164.0	24335.3	26.0	-62.8	99.9	999.9	99.9	99.9	99.9	597.5	999.9	99.9	999.9	999.9	999.



STATION NO. 213  
WAYCROSS, GA

7 FEBRUARY 1975  
600 GMT

155 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	44.0	1008.4	9.6	2.0	300.0	5.1	4.4	-2.5	282.7	294.1	4.4	59.0	0.0	0.
0.2	5.0	121.6	999.0	8.6	2.0	999.9	99.9	99.9	99.9	282.4	293.9	4.4	63.3	999.9	999.
0.6	6.0	254.9	983.0	7.1	2.3	999.9	99.9	99.9	99.9	282.3	294.2	4.6	71.1	999.9	999.
0.9	7.0	355.9	971.0	6.4	2.5	999.9	99.9	99.9	99.9	282.6	294.9	4.7	76.0	999.9	999.
1.3	8.0	466.4	958.0	5.4	2.6	999.9	99.9	99.9	99.9	282.6	295.1	4.8	82.3	999.9	999.
1.7	9.0	569.3	946.0	4.3	2.5	317.1	12.1	8.2	-8.8	282.6	295.1	4.8	87.5	1.1	132.
2.0	10.0	673.3	934.0	3.7	1.6	316.8	12.8	8.7	-9.3	282.9	294.9	4.6	86.3	1.3	134.
2.5	11.0	804.6	919.0	2.5	0.2	304.1	13.3	11.0	-7.4	282.9	294.0	4.2	84.6	1.7	133.
2.8	12.0	911.1	907.0	2.8	0.1	288.6	12.5	11.8	-4.0	284.3	295.5	4.2	81.9	1.9	131.
3.1	13.0	1019.2	895.0	4.0	-0.4	271.8	12.7	12.7	-0.4	286.6	297.7	4.2	72.9	2.1	128.
3.5	14.0	1129.4	883.0	5.2	3.8	251.2	14.5	13.7	4.7	289.2	304.3	5.7	90.5	2.3	123.
3.8	15.0	1232.0	872.0	5.9	1.6	247.1	16.0	14.8	6.2	290.8	304.2	5.0	74.0	2.5	117.
4.3	16.0	1374.1	857.0	5.2	-1.6	246.5	18.0	16.5	7.2	291.4	302.3	4.0	61.2	2.8	109.
4.6	17.0	1479.6	846.0	5.2	-3.3	247.9	19.0	17.6	7.1	292.4	302.2	3.5	53.9	3.1	104.
5.0	18.0	1596.2	834.0	4.7	-4.8	249.5	20.4	19.1	7.2	293.1	302.0	3.2	50.1	3.5	100.
5.4	19.0	1704.5	823.0	4.5	-6.3	249.0	21.4	19.9	7.7	293.9	302.1	2.9	45.2	3.9	96.
5.7	20.0	1814.0	812.0	4.0	-6.5	248.9	21.6	20.1	7.8	294.5	302.7	2.9	46.1	4.3	94.
6.2	21.0	1955.0	798.0	2.5	-7.8	250.3	21.5	20.3	7.2	294.4	301.9	2.7	46.5	4.9	91.
6.6	22.0	2067.1	787.0	1.7	-7.9	253.4	21.5	20.6	6.1	294.6	302.2	2.7	48.9	5.4	89.
7.0	23.0	2180.4	776.0	0.8	-17.0	257.7	21.4	20.9	4.6	294.8	298.6	1.3	24.9	5.9	88.
7.4	24.0	2284.4	766.0	0.4	-22.6	260.6	22.3	22.0	3.6	295.3	297.7	0.8	15.8	6.4	87.
7.9	25.0	2400.2	755.0	-0.4	-17.5	261.8	24.4	24.1	3.5	295.7	299.5	1.3	26.2	7.0	87.
8.3	26.0	2538.8	742.0	-1.7	-15.2	260.2	26.2	25.9	4.5	295.8	300.4	1.6	34.7	7.7	87.
8.7	27.0	2657.5	731.0	-2.0	-16.8	257.5	27.7	27.1	6.0	296.7	300.9	1.4	31.1	8.3	86.
9.1	28.0	2767.3	721.0	-0.6	-23.3	254.6	28.8	27.7	7.6	299.4	301.9	0.8	15.9	9.0	85.
9.5	29.0	2878.8	711.0	-0.8	-28.3	252.7	29.4	28.1	8.8	300.3	302.0	0.5	10.2	9.7	84.
9.9	30.0	2991.8	701.0	-0.8	-29.5	253.1	30.7	29.3	8.9	301.5	303.1	0.5	9.1	10.3	83.
10.2	31.0	3106.4	691.0	-1.4	-32.0	254.0	32.0	30.7	8.8	302.1	303.3	0.4	7.5	10.9	83.
10.6	32.0	3222.3	681.0	-2.0	-31.6	255.4	33.9	32.8	8.5	302.6	303.9	0.4	8.2	11.7	82.
10.9	33.0	3339.7	671.0	-2.5	-30.0	256.2	35.0	34.0	8.4	303.4	304.9	0.5	9.8	12.3	82.
11.2	34.0	3458.6	661.0	-3.3	-26.4	256.7	35.8	34.8	8.2	303.8	306.0	0.7	14.6	13.0	82.
11.6	35.0	3578.9	651.0	-4.4	-18.0	257.1	36.5	35.6	8.2	304.1	308.4	1.4	33.5	13.9	81.
12.1	36.0	3725.2	639.0	-5.7	-16.6	257.3	37.7	36.8	8.3	304.1	309.1	1.6	41.8	14.9	81.
12.5	37.0	3836.2	630.0	-6.8	-15.6	257.5	39.1	38.2	8.5	304.2	309.6	1.8	49.2	15.8	81.
12.9	38.0	3961.0	620.0	-7.5	-13.0	257.4	40.1	39.2	8.7	304.8	311.6	2.3	64.6	16.8	81.
13.3	39.0	4074.8	611.0	-8.0	-16.9	257.1	40.8	39.8	9.1	305.5	310.6	1.7	48.4	17.8	81.
13.6	40.0	4190.2	602.0	-7.8	-18.7	256.8	41.2	40.1	9.4	306.9	311.4	1.5	41.2	18.5	80.
14.1	41.0	4333.8	591.0	-7.1	-23.9	256.2	41.8	40.6	10.0	309.3	312.3	0.9	24.5	19.8	80.
14.6	42.0	4453.4	582.0	-7.5	-21.4	255.4	42.5	41.2	10.7	310.2	314.0	1.2	31.9	21.0	80.
14.9	43.0	4574.5	573.0	-8.6	-19.1	254.9	43.0	41.5	11.2	310.4	315.0	1.5	42.0	21.8	80.
15.3	44.0	4697.3	564.0	-8.7	-19.5	254.1	43.7	42.1	12.0	311.7	316.2	1.4	41.2	22.9	80.
15.6	45.0	4821.8	555.0	-9.6	-20.0	253.4	44.3	42.5	12.6	312.1	316.5	1.4	42.2	23.7	79.
16.1	46.0	4947.9	546.0	-10.3	-20.3	252.3	45.6	43.4	13.9	312.7	317.1	1.4	43.4	24.9	79.
16.4	47.0	5061.6	538.0	-10.9	-23.3	251.8	46.3	44.0	14.5	313.3	316.8	1.1	34.9	25.8	79.
16.8	48.0	5176.6	530.0	-11.3	-26.4	251.6	46.8	44.4	14.8	314.1	316.8	0.8	27.4	26.9	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

7 FEBRUARY 1975  
600 GMT

155 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.2	49.0	5307.9	521.0	-12.0	-25.0	251.6	46.5	44.1	14.7	314.7	317.9	1.0	32.8	28.0	78.
17.5	50.0	5426.1	513.0	-12.9	-25.9	251.6	45.8	43.5	14.5	315.1	318.1	0.9	32.5	28.9	78.
18.0	51.0	5576.0	503.0	-13.7	-26.7	250.8	44.5*	42.0	14.6	315.9	318.7	0.8	32.2	30.3	78.
18.4	52.0	5697.8	495.0	-14.4	-29.0	250.3	45.5*	42.8	15.4	316.4	318.8	0.7	27.5	31.2	77.
18.9	53.0	5821.1	487.0	-15.2	-29.7	250.3	46.8*	44.1	15.8	316.9	319.1	0.7	27.6	32.5	77.
19.2	54.0	5946.1	479.0	-16.1	-32.2	250.6	46.4*	43.7	15.4	317.3	319.2	0.5	23.4	33.6	77.
19.5	55.0	6072.8	471.0	-16.6	-33.8	251.0	45.3*	42.8	14.8	318.2	319.8	0.5	20.9	34.7	77.
20.1	56.0	6233.8	461.0	-17.6	-35.9	252.3	46.0*	43.8	13.9	318.9	320.3	0.4	18.3	35.7	76.
20.6	57.0	6348.2	454.0	-18.4	-37.6	253.2	50.2*	48.1	14.6	319.3	320.5	0.3	16.5	37.2	76.
20.9	58.0	6480.6	446.0	-19.5	-40.6	253.3	52.0*	49.8	14.9	319.6	320.4	0.2	13.2	38.3	76.
21.4	59.0	6598.0	439.0	-20.1	-41.1	253.1	50.5*	48.3	14.7	320.1	321.0	0.2	13.3	40.0	76.
21.8	60.0	6734.3	431.0	-20.3	-44.7	252.4	48.2*	45.9	14.6	321.7	322.3	0.2	9.1	41.1	76.
22.3	61.0	6855.3	424.0	-21.3	-52.3	250.7	48.4*	45.7	16.0	321.8	322.0	0.1	4.2	42.4	76.
22.7	62.0	6977.9	417.0	-22.1	-59.3	249.3	51.1*	47.8	18.1	322.3	322.4	0.0	1.9	43.4	76.
23.2	63.0	7102.2	410.0	-22.9	-62.3	247.8	53.7*	49.7	20.3	322.8	322.9	0.0	1.4	45.2	76.
23.6	64.0	7228.2	403.0	-23.9	-65.2	246.7	52.9*	48.6	21.0	323.2	323.3	0.0	1.0	46.8	75.
24.1	65.0	7355.8	396.0	-24.9	-60.0	245.5	50.4*	45.9	20.9	323.4	323.6	0.0	2.2	47.9	75.
24.5	66.0	7522.4	387.0	-26.6	-57.3	245.1	50.4*	45.7	21.2	323.3	323.5	0.0	3.6	49.3	75.
25.0	67.0	7635.0	381.0	-27.7	-59.2	245.5	53.7*	48.9	22.3	323.4	323.5	0.0	3.1	50.6	74.
25.4	68.0	7768.0	374.0	-28.9	-59.7	246.0	55.7*	50.9	22.7	323.5	323.7	0.0	3.3	51.9	74.
25.9	69.0	7883.4	368.0	-30.1	-59.0	246.3	55.0*	50.3	22.1	323.5	323.6	0.0	4.0	53.9	74.
26.2	70.0	8019.9	361.0	-31.1	-58.5	246.4	53.3*	48.9	21.4	323.8	324.0	0.0	4.7	54.8	74.
26.8	71.0	8178.3	353.0	-32.7	-57.1	246.6	50.3*	46.2	20.0	323.8	324.0	0.0	6.7	56.5	74.
27.2	72.0	8298.7	347.0	-33.9	-57.8	246.6	49.2*	45.1	19.6	323.8	323.9	0.0	6.8	57.7	74.
27.7	73.0	8420.6	341.0	-35.2	-58.1	246.4	48.4*	44.4	19.4	323.6	323.8	0.0	7.5	59.1	73.
28.1	74.0	8565.0	334.0	-35.9	-59.8	246.3	48.5*	44.4	19.5	324.6	324.7	0.0	6.5	60.2	73.
28.5	75.0	8690.7	328.0	-36.9	-60.4	246.2	49.9*	45.6	20.1	324.8	325.0	0.0	6.6	61.7	73.
29.0	76.0	8818.1	322.0	-38.0	-61.1	246.1	52.1*	47.7	21.1	325.1	325.2	0.0	6.7	62.5	73.
29.5	77.0	8947.3	316.0	-39.2	-61.9	246.0	52.7*	48.2	21.5	325.1	325.2	0.0	6.9	65.0	73.
30.0	78.0	9056.4	311.0	-40.2	-99.9	245.6	53.7*	48.9	22.2	325.4	999.9	99.9	999.9	65.8	73.
30.4	79.0	9189.0	305.0	-41.5	-99.9	245.0	54.5*	49.4	23.0	325.3	999.9	99.9	999.9	67.3	72.
30.9	80.0	9323.5	299.0	-42.5	-99.9	244.0	51.5*	46.3	22.6	325.8	999.9	99.9	999.9	69.3	72.
31.3	81.0	9483.0	292.0	-44.2	-99.9	243.1	47.8*	42.6	21.7	325.6	999.9	99.9	999.9	70.4	72.
31.9	82.0	9621.9	286.0	-45.1	-99.9	241.6	46.9*	41.3	22.3	326.2	999.9	99.9	999.9	71.6	72.
32.3	83.0	9739.5	281.0	-46.0	-99.9	240.7	49.7*	43.3	24.3	326.6	999.9	99.9	999.9	72.9	72.
32.7	84.0	9858.7	276.0	-47.0	-99.9	239.6	51.7*	44.6	26.1	326.8	999.9	99.9	999.9	74.2	72.
33.1	85.0	10003.9	270.0	-48.0	-99.9	238.3	52.0*	44.2	27.3	327.4	999.9	99.9	999.9	75.3	71.
33.7	86.0	10151.6	264.0	-49.5	-99.9	236.2	50.9*	42.3	28.3	327.4	999.9	99.9	999.9	77.2	71.
34.2	87.0	10276.5	259.0	-50.8	-99.9	235.4	51.7*	42.6	29.4	327.2	999.9	99.9	999.9	78.6	71.
34.7	88.0	10403.2	254.0	-51.9	-99.9	235.2	53.6*	44.1	30.6	327.4	999.9	99.9	999.9	80.2	70.
35.1	89.0	10531.7	249.0	-53.0	-99.9	234.9	53.8*	44.0	31.0	327.7	999.9	99.9	999.9	81.3	70.
35.5	90.0	10662.3	244.0	-53.9	-99.9	233.7	51.0*	41.1	30.2	328.2	999.9	99.9	999.9	83.1	70.
36.0	91.0	10794.8	239.0	-55.2	-99.9	231.6	44.8*	35.1	27.8	328.2	999.9	99.9	999.9	84.1	70.
36.4	92.0	10929.5	234.0	-56.2	-99.9	232.3	44.9*	35.6	27.5	328.8	999.9	99.9	999.9	85.0	69.
36.9	93.0	11038.8	230.0	-57.5	-99.9	236.0	52.7*	43.7	29.5	328.4	999.9	99.9	999.9	86.0	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

7 FEBRUARY 1975  
600 GMT

155 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.3	94.0	11177.3	225.0	-58.5	99.9	239.2	60.6*	52.1	31.0	328.9	999.9	99.9	999.9	87.5	69.
37.9	95.0	11318.5	220.0	-58.8	99.9	243.0	66.3*	59.1	30.1	330.5	999.9	99.9	999.9	90.1	69.
38.5	96.0	11463.2	215.0	-57.6	99.9	246.0	62.7*	57.3	25.6	334.5	999.9	99.9	999.9	92.7	69.
38.9	97.0	11611.9	210.0	-57.0	99.9	247.1	57.2*	52.7	22.2	337.8	999.9	99.9	999.9	93.8	69.
39.3	98.0	11734.0	206.0	-56.0	99.9	247.2	49.0*	45.2	19.0	341.2	999.9	99.9	999.9	95.4	69.
39.9	99.0	11858.8	202.0	-55.8	99.9	245.0	40.3*	36.5	17.1	343.4	999.9	99.9	999.9	97.0	69.
40.4	100.0	11985.9	198.0	-56.5	99.9	243.1	47.5*	42.4	21.5	344.3	999.9	99.9	999.9	96.9	69.
41.1	101.0	12181.0	192.0	-57.0	99.9	241.9	60.6*	53.5	28.6	346.6	999.9	99.9	999.9	100.8	68.
41.6	102.0	12314.3	188.0	-57.0	99.9	241.3	65.0*	57.0	31.2	348.7	999.9	99.9	999.9	101.9	68.
42.1	103.0	12450.6	184.0	-56.5	99.9	241.7	69.7*	61.3	33.0	351.6	999.9	99.9	999.9	103.6	68.
42.6	104.0	12589.8	180.0	-57.3	99.9	242.0	66.9*	59.1	31.4	352.5	999.9	99.9	999.9	107.0	68.
43.1	105.0	12731.7	176.0	-58.0	99.9	241.4	56.7*	49.8	27.1	353.7	999.9	99.9	999.9	108.1	68.
43.6	106.0	12876.3	172.0	-58.7	99.9	241.0	50.8**	44.5	24.6	354.9	999.9	99.9	999.9	109.5	68.
44.1	107.0	12987.0	169.0	-58.2	99.9	242.7	54.6**	48.5	25.1	357.5	999.9	99.9	999.9	111.4	68.
44.6	108.0	13137.7	165.0	-58.7	99.9	245.4	63.0**	57.3	26.2	359.1	999.9	99.9	999.9	111.9	68.
45.1	109.0	13291.8	161.0	-58.8	99.9	247.9	63.3**	58.6	23.8	361.3	999.9	99.9	999.9	115.7	68.
45.6	110.0	13409.7	158.0	-59.3	99.9	249.7	55.6**	52.2	19.3	362.4	999.9	99.9	999.9	116.8	68.
46.2	111.0	13610.7	153.0	-60.2	99.9	250.2	49.9**	46.9	16.9	364.3	999.9	99.9	999.9	118.2	68.
46.8	112.0	13734.1	150.0	-60.8	99.9	250.0	38.8**	36.4	13.3	365.4	999.9	99.9	999.9	121.6	68.
47.2	113.0	13902.2	146.0	-60.8	99.9	248.7	40.4**	37.7	14.7	368.3	999.9	99.9	999.9	121.3	68.
47.6	114.0	14031.1	143.0	-61.8	99.9	247.0	56.4**	51.9	22.0	368.6	999.9	99.9	999.9	119.3	68.
48.1	115.0	14162.1	140.0	-62.4	99.9	245.7	83.4**	76.0	34.3	369.9	999.9	99.9	999.9	124.9	68.
48.8	116.0	14340.9	136.0	-62.9	99.9	244.5	87.3**	78.8	37.5	372.0	999.9	99.9	999.9	127.9	68.
49.3	117.0	14524.5	132.0	-63.3	99.9	244.9	89.3**	80.9	37.8	374.5	999.9	99.9	999.9	130.3	68.
49.9	118.0	14665.6	129.0	-64.1	99.9	246.3	89.4**	81.9	35.9	375.6	999.9	99.9	999.9	134.0	67.
50.4	119.0	14809.6	126.0	-64.3	99.9	247.1	73.0**	67.3	28.4	377.8	999.9	99.9	999.9	137.1	67.
51.0	120.0	14956.8	123.0	-65.0	99.9	247.8	49.2**	45.6	18.5	379.0	999.9	99.9	999.9	138.8	67.
51.5	121.0	15056.7	121.0	-65.2	99.9	249.6	42.9**	40.2	15.0	380.4	999.9	99.9	999.9	139.6	67.
52.0	122.0	15261.0	117.0	-66.2	99.9	252.8	42.6**	40.7	12.6	382.3	999.9	99.9	999.9	141.4	67.
52.5	123.0	15418.0	114.0	-67.4	99.9	255.5	39.7**	38.4	9.9	382.9	999.9	99.9	999.9	142.7	68.
53.1	124.0	15524.4	112.0	-68.3	99.9	255.8	39.1**	37.9	9.6	383.2	999.9	99.9	999.9	143.7	68.
53.6	125.0	15687.3	109.0	-68.5	99.9	256.3	40.6**	39.5	9.6	385.8	999.9	99.9	999.9	145.0	68.
54.2	126.0	15911.3	105.0	-68.7	99.9	259.3	38.5**	37.8	7.2	389.6	999.9	99.9	999.9	146.6	68.
54.9	127.0	16026.5	103.0	-68.7	99.9	261.7	35.2**	34.8	5.1	391.7	999.9	99.9	999.9	147.9	68.
55.5	128.0	16203.7	100.0	-68.3	99.9	260.5	33.9**	33.5	5.6	395.9	999.9	99.9	999.9	149.2	68.
56.1	129.0	16325.2	98.0	-67.2	99.9	260.0	28.8**	28.4	5.0	400.2	999.9	99.9	999.9	150.4	68.
56.6	130.0	16512.3	95.0	-68.3	99.9	259.6	29.6**	29.1	5.3	401.7	999.9	99.9	999.9	151.3	68.
57.4	131.0	16705.0	92.0	-68.0	99.9	256.5	39.7**	38.6	9.2	405.8	999.9	99.9	999.9	153.0	68.
58.0	132.0	16904.1	89.0	-68.3	99.9	257.8	27.3**	26.6	5.8	409.3	999.9	99.9	999.9	155.0	68.
58.5	133.0	17040.3	87.0	-68.9	99.9	257.2	20.5**	20.0	4.5	410.7	999.9	99.9	999.9	153.9	68.
59.1	134.0	17250.0	84.0	-69.3	99.9	251.3	34.1**	32.3	10.7	413.9	999.9	99.9	999.9	155.6	68.
59.7	135.0	17393.6	82.0	-70.0	99.9	251.0	53.2**	50.3	17.3	415.5	999.9	99.9	999.9	156.8	68.
60.5	136.0	17616.3	79.0	-68.5	99.9	252.6	62.8**	59.9	18.8	423.0	999.9	99.9	999.9	160.9	69.
61.3	137.0	17850.0	76.0	-65.6	99.9	252.6	36.6**	34.9	10.9	433.7	999.9	99.9	999.9	162.8	69.
62.1	138.0	18094.4	73.0	-66.4	99.9	217.1	6.9**	4.2	5.5	437.1	999.9	99.9	999.9	164.2	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

7 FEBRUARY 1975  
600 GMT

155 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
63.0	139.0	18262.5	71.0	-66.6	99.9	219.1	12.2**	7.7	9.5	440.1	999.9	99.9	999.9	163.8	68.
63.8	140.0	18523.4	68.0	-67.0	99.9	243.3	45.9**	41.1	20.3	444.7	999.9	99.9	999.9	164.9	68.
64.7	141.0	18796.1	65.0	-66.6	99.9	244.1	42.2**	38.0	18.4	451.4	999.9	99.9	999.9	168.0	68.
65.6	142.0	18984.9	63.0	-67.2	99.9	244.0	36.5**	32.8	16.0	454.1	999.9	99.9	999.9	169.6	68.
66.5	143.0	19280.5	60.0	-65.4	99.9	250.5	41.3**	39.0	13.8	464.5	999.9	99.9	999.9	171.9	68.
67.5	144.0	19593.7	57.0	-64.1	99.9	260.9	36.7**	36.3	5.8	474.4	999.9	99.9	999.9	174.4	68.
68.5	145.0	19812.9	55.0	-63.1	99.9	256.8	37.8**	36.8	8.6	481.5	999.9	99.9	999.9	176.1	69.
69.5	146.0	20158.4	52.0	-62.6	99.9	255.8	39.0**	37.8	9.5	490.5	999.9	99.9	999.9	178.9	69.
70.6	147.0	20526.7	49.0	-60.6	99.9	250.7	46.3**	43.7	15.3	503.7	999.9	99.9	999.9	180.8	69.
71.7	148.0	20785.9	47.0	-61.1	99.9	64.3	31.3**	-28.2	-13.6	508.4	999.9	99.9	999.9	181.4	69.
72.8	149.0	21194.0	44.0	-62.7	99.9	62.4	7.6**	-6.7	-3.5	514.1	999.9	99.9	999.9	180.9	69.
73.9	150.0	21480.3	42.0	-63.3	99.9	272.0	3.5**	3.5	-0.1	519.6	999.9	99.9	999.9	181.2	69.
75.4	151.0	21936.2	39.0	-62.9	99.9	254.5	20.2**	19.5	5.4	531.7	999.9	99.9	999.9	182.2	69.
76.7	152.0	22260.4	37.0	-62.9	99.9	248.9	45.9**	42.8	16.5	539.7	999.9	99.9	999.9	183.8	69.
78.0	153.0	22778.7	34.0	-64.8	99.9	248.9	44.6**	41.7	16.1	548.0	999.9	99.9	999.9	188.9	69.
79.5	154.0	23345.7	31.0	-62.4	99.9	259.2	21.5**	21.1	4.0	569.3	999.9	99.9	999.9	188.1	69.
81.3	155.0	23757.5	29.0	-62.4	99.9	327.5	2.6*	1.4	-2.2	580.2	999.9	99.9	999.9	192.2	69.
83.3	156.0	24434.8	26.0	-60.4	99.9	253.0	56.0*	53.6	16.4	604.2	999.9	99.9	999.9	195.0	69.
85.2	157.0	25200.1	23.0	-59.7	99.9	999.9	99.9	99.9	99.9	627.9	999.9	99.9	999.9	999.9	999.
87.3	158.0	25768.2	21.0	-60.2	99.9	999.9	99.9	99.9	99.9	642.8	999.9	99.9	999.9	999.9	999.

STATION NO. 213  
WAYCROSS, GA

7 FEBRUARY 1975  
1115 GMT

153 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.9	44.0	1010.4	3.8	0.1	320.0	2.6	1.7	-2.0	276.6	286.5	3.8	77.0	0.0	0.
0.1	4.0	55.3	1009.0	4.3	0.9	321.9	9.1	5.6	-7.2	277.3	287.7	4.1	78.3	0.3	147.
0.4	5.0	168.9	995.0	3.3	-0.1	321.9	9.1	5.6	-7.2	277.4	287.2	3.8	78.0	0.3	147.
0.9	6.0	291.9	980.0	2.0	-1.5	323.3	10.0	6.0	-8.0	277.2	286.3	3.5	77.8	0.5	144.
1.3	7.0	399.6	967.0	1.0	-1.6	322.6	11.0	6.7	-8.8	277.2	286.3	3.5	82.5	0.7	144.
1.7	8.0	508.3	954.0	0.2	-1.3	319.9	11.5	7.4	-8.8	277.5	286.9	3.6	89.6	1.0	144.
2.1	9.0	609.7	942.0	-0.8	-1.5	317.8	11.3	7.6	-8.3	277.5	287.0	3.6	94.9	1.3	143.
2.5	10.0	720.7	929.0	-1.4	-6.6	322.4	10.6	6.5	-8.4	277.8	284.5	2.5	67.7	1.6	141.
3.0	11.0	851.6	914.0	3.7	-10.3	315.9	9.5	6.6	-6.9	284.3	289.6	1.9	35.2	1.9	143.
3.5	12.0	959.0	902.0	4.3	-13.9	296.3	12.5	11.2	-5.5	286.0	290.1	1.4	24.9	2.1	140.
3.9	13.0	1068.1	890.0	5.2	-17.9	292.0	14.3	13.3	-5.4	287.9	291.0	1.0	16.9	2.5	136.
4.2	14.0	1178.9	878.0	5.2	-18.2	288.8	13.5	12.7	-4.3	289.0	292.1	1.0	16.4	2.7	134.
4.7	15.0	1291.0	866.0	4.5	-19.9	284.0	10.5	10.2	-2.5	289.4	292.1	0.9	14.9	3.0	130.
5.2	16.0	1433.0	851.0	3.8	-21.2	284.6	9.3	9.0	-2.3	290.2	292.6	0.8	14.0	3.3	128.
5.6	17.0	1548.2	839.0	3.7	-22.7	285.7	9.8	9.4	-2.7	291.2	293.4	0.7	12.4	3.5	127.
6.0	18.0	1665.0	827.0	3.3	-23.4	281.2	9.8	9.6	-1.9	292.0	294.1	0.7	11.9	3.7	126.
6.5	19.0	1773.3	816.0	2.2	-23.3	274.2	11.4	11.3	-0.8	291.9	294.1	0.7	13.1	4.0	123.
6.8	20.0	1892.8	804.0	2.0	-24.8	275.7	12.5	12.5	-1.2	292.9	294.9	0.6	11.5	4.2	122.
7.3	21.0	2034.2	790.0	1.3	-26.9	278.3	12.7	12.6	-1.8	293.7	295.3	0.5	9.9	4.5	120.
7.7	22.0	2146.9	779.0	0.8	-27.9	280.3	12.2	12.0	-2.2	294.3	295.9	0.5	9.5	4.8	119.
8.1	23.0	2261.0	768.0	0.4	-28.2	281.8	12.1	11.8	-2.5	295.0	296.5	0.5	9.5	5.1	118.
8.5	24.0	2376.4	757.0	-0.6	-28.8	282.6	12.1	11.8	-2.6	295.2	296.6	0.5	9.7	5.4	117.
8.9	25.0	2493.1	746.0	-1.2	-29.2	282.1	12.5	12.2	-2.5	295.7	297.2	0.5	9.7	5.6	116.
9.5	26.0	2632.9	733.0	-2.4	-29.9	280.6	13.6	13.4	-2.5	296.0	297.4	0.4	9.9	6.1	115.
9.9	27.0	2752.6	722.0	-3.4	-31.1	279.0	14.5	14.3	-2.3	296.1	297.3	0.4	9.5	6.4	114.
10.3	28.0	2873.7	711.0	-4.4	-30.1	277.2	15.4	15.3	-1.9	296.4	297.8	0.4	11.3	6.8	113.
10.6	29.0	2985.1	701.0	-5.1	-30.6	275.6	16.1	16.1	-1.6	296.7	298.1	0.4	11.4	7.1	113.
11.1	30.0	3097.8	691.0	-5.7	-30.5	272.1	17.9	17.8	-0.6	297.3	298.7	0.4	12.0	7.5	112.
11.4	31.0	3223.4	680.0	-6.0	-30.7	269.7	19.1	19.1	0.1	298.3	299.7	0.4	12.0	7.8	111.
11.9	32.0	3339.4	670.0	-6.2	-31.3	266.0	21.4	21.4	1.5	299.4	300.7	0.4	11.5	8.4	109.
12.3	33.0	3456.9	660.0	-6.8	-31.7	263.7	23.8	23.6	2.6	300.0	301.3	0.4	11.6	8.9	108.
12.7	34.0	3576.0	650.0	-6.8	-31.7	262.0	26.9	26.6	3.7	301.3	302.7	0.4	11.6	9.4	106.
13.2	35.0	3697.0	640.0	-6.6	-32.1	260.7	31.1	30.7	5.0	302.8	304.1	0.4	11.0	10.2	104.
13.7	36.0	3844.8	628.0	-6.6	-32.6	259.6	34.2	33.6	6.2	304.5	305.8	0.4	10.5	11.1	102.
14.0	37.0	3970.3	618.0	-6.0	-30.3	258.8	35.2	34.5	6.8	306.6	308.2	0.5	12.6	11.8	101.
14.6	38.0	4097.9	608.0	-6.3	-30.9	257.7	36.1	35.3	7.7	307.7	309.2	0.5	12.1	12.9	99.
15.1	39.0	4214.4	599.0	-6.9	-28.6	257.6	37.7	36.8	8.1	308.3	310.3	0.6	15.7	13.9	97.
15.4	40.0	4332.3	590.0	-8.0	-26.1	257.6	38.6	37.7	8.3	308.4	310.9	0.8	21.5	14.6	96.
16.0	41.0	4491.8	578.0	-8.4	-23.8	256.3	39.4	38.3	9.4	309.8	312.9	1.0	27.6	16.0	95.
16.4	42.0	4613.4	569.0	-9.3	-24.7	254.7	39.2	37.9	10.4	310.1	313.1	0.9	27.3	16.9	93.
16.9	43.0	4736.6	560.0	-9.4	-25.9	253.5	39.7	38.0	11.2	311.4	314.0	0.8	24.6	17.9	92.
17.3	44.0	4861.7	551.0	-10.2	-25.2	253.3	40.6	38.9	11.6	312.0	314.8	0.9	27.7	18.8	91.
17.7	45.0	5002.6	541.0	-11.3	-24.2	253.4	41.7	40.0	11.9	312.2	315.4	1.0	33.3	19.8	90.
18.2	46.0	5116.6	533.0	-12.4	-24.1	253.6	43.3	41.5	12.2	312.2	315.5	1.0	36.8	21.0	89.
18.6	47.0	5246.7	524.0	-12.9	-24.9	253.6	44.4	42.6	12.5	313.2	316.3	1.0	35.5	22.0	89.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

7 FEBRUARY 1975  
1115 GMT

153 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.0	48.0	5363.8	516.0	-13.8	-25.3	253.5	44.9	43.0	12.7	313.4	316.5	0.9	37.0	23.2	88.
19.4	49.0	5497.4	507.0	-14.3	-26.7	253.2	44.5	42.6	12.8	314.5	317.2	0.8	33.9	24.2	87.
19.8	50.0	5617.9	499.0	-14.8	-27.7	253.2	44.5	42.6	12.9	315.2	317.8	0.8	32.1	25.1	87.
20.3	51.0	5770.9	489.0	-15.9	-29.0	253.3	45.1	43.2	13.0	315.7	318.0	0.7	31.2	26.5	86.
20.8	52.0	5910.7	480.0	-16.7	-30.3	253.0	45.8	43.8	13.4	316.3	318.5	0.6	29.7	27.8	85.
21.2	53.0	6036.7	472.0	-17.8	-31.2	252.1	46.1	43.8	14.2	316.5	318.5	0.6	29.7	28.9	85.
21.6	54.0	6164.3	464.0	-18.9	-32.2	251.0	46.0	43.5	15.0	316.7	318.5	0.5	29.7	30.1	84.
22.1	55.0	6293.6	456.0	-20.0	-33.9	250.2	45.4	42.7	15.3	316.9	318.5	0.5	27.4	31.3	84.
22.5	56.0	6441.1	447.0	-21.1	-36.1	250.6	44.5	42.0	14.8	317.3	318.7	0.4	24.2	32.4	83.
23.0	57.0	6574.2	439.0	-22.1	-36.9	252.0	43.5	41.4	13.4	317.6	318.9	0.4	24.6	33.7	83.
23.4	58.0	6709.1	431.0	-23.2	-37.8	252.9	44.0	42.0	12.9	317.9	319.1	0.3	24.7	34.6	83.
23.9	59.0	6846.1	423.0	-24.1	-38.6	253.1	44.8	42.0	13.0	318.5	319.6	0.3	24.8	36.0	82.
24.3	60.0	6967.5	416.0	-25.3	-39.8	252.9	44.5	42.5	13.1	318.4	319.4	0.3	24.1	37.1	82.
24.8	61.0	7108.2	408.0	-26.4	-41.0	253.4	44.7*	42.8	12.8	318.9	319.8	0.3	23.4	38.4	82.
25.2	62.0	7233.0	401.0	-27.6	-42.3	254.6	46.9*	45.2	12.5	318.9	319.7	0.2	22.8	39.3	81.
25.7	63.0	7359.4	394.0	-28.6	-44.0	255.4	51.3*	49.6	12.9	319.1	319.8	0.2	20.8	40.8	81.
26.2	64.0	7487.7	387.0	-29.3	-44.8	254.4	53.5*	51.5	14.4	319.9	320.6	0.2	20.5	42.6	81.
26.6	65.0	7617.9	380.0	-30.1	-45.6	252.9	53.6*	51.2	15.8	320.5	321.1	0.2	20.2	43.9	81.
27.2	66.0	7769.0	372.0	-31.4	-47.0	252.2	54.9*	52.2	16.8	320.7	321.3	0.1	19.5	45.6	80.
27.6	67.0	7903.2	365.0	-32.3	-47.8	252.5	55.7*	53.1	16.8	321.3	321.8	0.1	19.6	47.0	80.
28.1	68.0	8039.6	358.0	-33.4	-47.9	252.6	53.8*	51.4	16.1	321.6	322.1	0.1	21.3	48.8	80.
28.5	69.0	8177.9	351.0	-34.5	-48.7	252.7	51.1*	48.8	15.2	321.8	322.3	0.1	21.8	50.0	80.
29.0	70.0	8298.2	345.0	-35.6	-49.6	253.4	51.9*	49.7	14.9	322.0	322.4	0.1	21.9	51.3	79.
29.5	71.0	8460.9	337.0	-37.1	-50.8	253.4	56.5*	54.2	16.1	322.1	322.5	0.1	22.1	52.9	79.
30.1	72.0	8605.7	330.0	-38.3	-52.0	252.0	55.1*	52.4	17.0	322.4	322.8	0.1	21.8	55.2	79.
30.6	73.0	8731.6	324.0	-39.6	-53.1	250.8	47.6*	45.0	15.7	322.3	322.6	0.1	22.0	57.0	79.
31.1	74.0	8859.2	318.0	-40.6	99.9	251.0	43.9*	41.5	14.3	322.8	999.9	99.9	999.9	57.9	79.
31.5	75.0	8988.5	312.0	-42.1	99.9	252.2	47.8*	45.5	14.6	322.4	999.9	99.9	999.9	58.7	79.
31.9	76.0	9119.6	306.0	-43.3	99.9	253.2	53.5*	51.2	15.5	322.5	999.9	99.9	999.9	60.0	78.
32.4	77.0	9252.6	300.0	-44.4	99.9	253.4	53.9*	51.7	15.4	322.7	999.9	99.9	999.9	62.2	78.
32.8	78.0	9387.6	294.0	-45.6	99.9	253.2	50.3*	48.1	14.5	323.0	999.9	99.9	999.9	63.2	78.
33.4	79.0	9524.8	288.0	-46.4	99.9	254.0	47.1*	45.3	13.0	323.7	999.9	99.9	999.9	64.9	78.
33.8	80.0	9664.3	282.0	-47.3	99.9	255.2	48.3*	46.6	12.3	324.4	999.9	99.9	999.9	65.8	78.
34.6	81.0	9830.1	275.0	-48.7	99.9	256.3	49.2*	47.8	11.7	324.6	999.9	99.9	999.9	68.6	78.
35.1	82.0	9950.5	270.0	-49.6	99.9	256.4	49.9*	48.5	11.8	325.1	999.9	99.9	999.9	69.6	78.
35.7	83.0	10057.3	264.0	-50.5	99.9	256.4	55.0*	53.4	12.9	325.8	999.9	99.9	999.9	71.6	78.
36.2	84.0	10221.8	259.0	-51.3	99.9	256.0	58.9*	57.1	14.2	326.5	999.9	99.9	999.9	73.4	78.
36.7	85.0	10348.1	254.0	-52.5	99.9	255.1	59.7*	57.7	15.3	326.5	999.9	99.9	999.9	75.2	78.
37.3	86.0	10528.3	247.0	-53.4	99.9	253.6	57.7*	55.3	16.3	327.8	999.9	99.9	999.9	77.5	8.
37.9	87.0	10659.9	242.0	-53.8	99.9	253.1	56.0*	53.6	16.3	329.2	999.9	99.9	999.9	79.0	78.
38.3	88.0	10793.9	237.0	-54.1	99.9	253.7	54.6*	52.4	15.3	330.7	999.9	99.9	999.9	81.0	77.
38.9	89.0	10930.5	232.0	-54.9	99.9	254.4	53.6*	51.6	14.4	331.5	999.9	99.9	999.9	82.1	77.
39.4	90.0	11069.9	227.0	-54.5	99.9	254.2	56.2*	54.0	15.3	334.1	999.9	99.9	999.9	84.5	77.
40.0	91.0	11183.6	223.0	-55.0	99.9	253.4	61.3*	58.7	17.5	335.1	999.9	99.9	999.9	85.8	77.
40.4	92.0	11328.5	218.0	-55.0	99.9	253.5	62.5*	59.9	17.7	337.2	999.9	99.9	999.9	87.8	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

7 FEBRUARY 1975  
1115 GMT

153 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
40.9	93.0	11476.7	213.0	-55.2	99.9	254.5	60.7*	58.5	16.3	339.2	999.9	99.9	999.9	90.0	77.
41.5	94.0	11628.7	208.0	-54.2	99.9	256.0	59.7*	58.0	14.4	343.0	999.9	99.9	999.9	91.4	77.
42.0	95.0	11753.1	204.0	-54.5	99.9	256.0	61.8*	-60.0	15.0	344.4	999.9	99.9	999.9	93.6	77.
42.7	96.0	11944.3	198.0	-54.4	99.9	253.7	62.2*	59.7	17.5	347.7	999.9	99.9	999.9	96.3	77.
43.2	97.0	12075.2	194.0	-54.2	99.9	251.9	64.6*	61.4	20.1	349.9	999.9	99.9	999.9	97.9	77.
43.7	98.0	12208.7	190.0	-54.5	99.9	250.1	68.9*	64.8	23.5	351.5	999.9	99.9	999.9	100.3	77.
44.2	99.0	12344.7	186.0	-55.3	99.9	248.1	74.6*	69.2	27.8	352.4	999.9	99.9	999.9	102.1	77.
44.8	100.0	12483.3	182.0	-55.5	99.9	246.5	78.3*	71.9	31.2	354.3	999.9	99.9	999.9	105.1	76.
45.3	101.0	12697.0	176.0	-55.5	99.9	245.5	69.0*	62.7	28.6	357.7	999.9	99.9	999.9	107.6	76.
45.9	102.0	12806.5	173.0	-56.2	99.9	243.8	47.6*	42.7	21.0	358.4	999.9	99.9	999.9	110.0	76.
46.3	103.0	12954.9	169.0	-56.8	99.9	245.3	41.7*	37.9	17.4	359.7	999.9	99.9	999.9	110.4	76.
46.8	104.0	13106.3	165.0	-58.0	99.9	250.6	49.5**	46.7	16.5	360.2	999.9	99.9	999.9	111.0	76.
47.4	105.0	13260.9	161.0	-58.2	99.9	255.1	67.4**	65.1	17.3	362.5	999.9	99.9	999.9	113.6	76.
48.0	106.0	13419.3	157.0	-58.2	99.9	257.0	76.6**	74.6	17.2	365.1	999.9	99.9	999.9	116.8	76.
48.6	107.0	13540.5	154.0	-59.3	99.9	256.5	75.4**	73.3	17.6	365.1	999.9	99.9	999.9	118.5	76.
49.1	108.0	13705.0	150.0	-60.2	99.9	255.4	60.5**	58.6	15.3	366.3	999.9	99.9	999.9	122.5	76.
49.8	109.0	13830.7	147.0	-61.1	99.9	254.3	47.5**	45.7	12.8	366.9	999.9	99.9	999.9	122.7	76.
50.3	110.0	14001.5	143.0	-62.6	99.9	253.7	63.4**	60.9	17.8	367.3	999.9	99.9	999.9	124.2	76.
51.1	111.0	14176.1	139.0	-63.5	99.9	252.2	75.6**	72.0	23.1	368.7	999.9	99.9	999.9	128.7	76.
51.7	112.0	14310.1	136.0	-63.5	99.9	250.3	47.9**	45.1	16.1	371.0	999.9	99.9	999.9	131.4	76.
52.3	113.0	14446.9	133.0	-63.9	99.9	248.3	19.1**	17.7	7.1	372.7	999.9	99.9	999.9	132.6	75.
52.9	114.0	14633.9	129.0	-64.4	99.9	252.3	26.5**	25.3	8.1	374.9	999.9	99.9	999.9	131.0	75.
53.3	115.0	14777.6	126.0	-64.8	99.9	253.0	48.6**	46.5	14.2	376.7	999.9	99.9	999.9	132.4	75.
54.1	116.0	14974.2	122.0	-65.4	99.9	253.7	72.4**	69.5	20.3	379.2	999.9	99.9	999.9	136.9	75.
54.6	117.0	15074.6	120.0	-66.2	99.9	254.6	71.0**	68.5	18.8	379.5	999.9	99.9	999.9	138.2	75.
55.1	118.0	15228.2	117.0	-65.8	99.9	255.7	68.5**	66.4	17.0	383.0	999.9	99.9	999.9	141.0	75.
55.7	119.0	15385.6	114.0	-66.8	99.9	258.2	54.8**	53.6	11.2	384.0	999.9	99.9	999.9	143.3	75.
56.2	120.0	15546.5	111.0	-67.4	99.9	262.6	42.5**	42.1	5.4	385.8	999.9	99.9	999.9	145.0	75.
56.8	121.0	15711.4	108.0	-67.8	99.9	265.5	45.0**	44.9	3.5	388.0	999.9	99.9	999.9	145.1	76.
57.4	122.0	15880.6	105.0	-68.5	99.9	266.3	46.0**	45.9	2.9	390.0	999.9	99.9	999.9	148.2	76.
58.1	123.0	15996.0	103.0	-68.0	99.9	271.4	30.4**	30.4	-0.7	392.9	999.9	99.9	999.9	149.3	76.
58.7	124.0	16173.6	100.0	-68.0	99.9	269.9	27.4**	27.4	0.1	396.3	999.9	99.9	999.9	149.8	76.
59.2	125.0	16294.9	98.0	-68.3	99.9	265.4	27.2**	27.2	2.2	398.2	999.9	99.9	999.9	151.4	76.
60.0	126.0	16545.3	94.0	-67.8	99.9	256.4	40.3**	39.1	9.5	403.8	999.9	99.9	999.9	152.1	76.
60.6	127.0	16674.6	92.0	-67.8	99.9	254.7	59.7**	57.6	15.8	406.2	999.9	99.9	999.9	153.7	76.
61.2	128.0	16874.0	89.0	-67.8	99.9	255.2	55.8**	54.0	14.2	410.1	999.9	99.9	999.9	157.0	76.
61.8	129.0	17010.6	87.0	-67.8	99.9	255.8	36.4**	35.3	8.9	412.8	999.9	99.9	999.9	158.3	76.
62.3	130.0	17150.3	85.0	-68.5	99.9	256.0	26.3**	25.5	6.4	414.3	999.9	99.9	999.9	159.4	76.
63.1	131.0	17365.2	82.0	-69.5	99.9	256.0	43.9**	42.6	10.6	416.4	999.9	99.9	999.9	159.3	76.
63.7	132.0	17512.5	80.0	-69.3	99.9	256.1	68.3**	66.3	16.4	419.8	999.9	99.9	999.9	162.4	76.
64.2	133.0	17663.7	78.0	-69.3	99.9	256.6	72.7**	70.7	16.3	422.8	999.9	99.9	999.9	164.6	76.
64.9	134.0	17897.9	75.0	-69.1	99.9	259.9	43.7**	43.0	7.6	428.0	999.9	99.9	999.9	168.0	76.
65.5	135.0	18059.7	73.0	-68.5	99.9	337.5	4.3**	1.7	-4.0	432.7	999.9	99.9	999.9	169.4	76.
66.2	136.0	18226.6	71.0	-67.6	99.9	56.3	3.4**	-2.8	-1.9	437.9	999.9	99.9	999.9	167.3	76.
66.9	137.0	18399.0	69.0	-66.8	99.9	251.8	50.7**	48.2	15.8	443.3	999.9	99.9	999.9	167.3	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213  
WAYCROSS, GA

7 FEBRUARY 1975  
1115 GMT

153 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIF DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
67.7	138.0	18667.9	66.0	-66.4	99.9	254.8	58.3**	56.3	15.3	449.8	999.9	99.9	999.9	172.8	76.
68.5	139.0	18854.4	64.0	-66.0	99.9	41.9	2.3**	-1.6	-1.7	454.7	999.9	99.9	999.9	173.4	76.
69.2	140.0	19047.5	62.0	-65.0	99.9	246.7	13.8**	12.7	5.5	461.0	999.9	99.9	999.9	172.5	76.
70.0	141.0	19247.3	60.0	-65.2	99.9	252.9	57.8**	55.3	17.0	464.9	999.9	99.9	999.9	174.1	76.
70.8	142.0	19454.1	58.0	-64.6	99.9	247.1	23.0**	21.2	8.9	470.8	999.9	99.9	999.9	178.4	76.
71.6	143.0	19778.8	55.0	-64.3	99.9	84.2	26.0**	-25.9	-2.6	478.9	999.9	99.9	999.9	177.3	76.
72.4	144.0	20005.8	53.0	-63.7	99.9	236.8	15.1**	12.6	8.2	485.3	999.9	99.9	999.9	175.2	76.
73.2	145.0	20241.8	51.0	-63.7	99.9	254.3	22.8**	22.0	6.0	490.7	999.9	99.9	999.9	178.5	76.
74.1	146.0	20487.2	49.0	-63.7	99.9	257.3	43.5**	42.4	9.5	496.3	999.9	99.9	999.9	177.5	76.
75.1	147.0	20744.1	47.0	-61.8	99.9	258.0	51.5**	50.4	10.7	506.7	999.9	99.9	999.9	181.5	76.
76.0	148.0	21013.5	45.0	-61.5	99.9	257.8	50.2**	49.1	10.6	513.9	999.9	99.9	999.9	183.1	76.
76.8	149.0	21295.7	43.0	-60.9	99.9	101.1	5.9**	-5.8	1.1	522.0	999.9	99.9	999.9	187.3	76.
77.8	150.0	21591.3	41.0	-61.6	99.9	82.8	15.1**	-14.9	-1.9	527.3	999.9	99.9	999.9	185.0	76.
78.8	151.0	21900.3	39.0	-62.7	99.9	255.0	47.5**	45.9	12.3	532.1	999.9	99.9	999.9	185.4	76.
79.7	152.0	22223.7	37.0	-64.1	99.9	259.8	23.0**	22.6	4.1	536.8	999.9	99.9	999.9	188.7	76.
80.8	153.0	22564.2	35.0	-63.9	99.9	75.8	1.9	-1.8	-0.5	545.9	999.9	99.9	999.9	188.3	76.
81.9	154.0	22925.9	33.0	-62.7	99.9	999.9	99.9	99.9	99.9	558.2	999.9	99.9	999.9	999.9	999.
82.9	155.0	23311.9	31.0	-62.0	99.9	999.9	99.9	99.9	99.9	570.2	999.9	99.9	999.9	999.9	999.



STATION NO. 220  
APALACHICOLA, FLA

5 FEBRUARY 1975  
2315 GMT

166 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.4	11.0	1013.7	19.0	18.5	220.0	3.6	2.3	2.8	292.8	327.2	13.4	97.0	0.0	0.
0.3	4.0	76.8	1006.0	19.0	18.4	999.9	99.9	99.9	99.9	293.4	327.8	13.4	96.1	999.9	999.
0.7	5.0	180.3	994.0	19.0	18.3	999.9	99.9	99.9	99.9	294.4	329.2	13.4	95.5	999.9	999.
1.2	6.0	302.4	980.0	18.1	17.2	999.9	99.9	99.9	99.9	294.7	327.7	12.7	94.3	999.9	999.
1.5	7.0	399.3	969.0	17.5	15.5	999.9	99.9	99.9	99.9	294.8	325.1	11.6	88.4	999.9	999.
1.9	8.0	497.1	958.0	16.9	13.7	999.9	99.9	99.9	99.9	295.0	322.2	10.4	81.4	999.9	999.
2.3	9.0	595.7	947.0	16.5	11.9	999.9	99.9	99.9	99.9	295.4	320.0	9.3	74.2	999.9	999.
2.7	10.0	695.2	936.0	15.3	11.6	999.9	99.9	99.9	99.9	295.1	319.5	9.2	78.8	999.9	999.
3.3	11.0	823.1	922.0	14.7	13.0	999.9	99.9	99.9	99.9	295.9	323.1	10.3	90.0	999.9	999.
3.6	12.0	924.8	911.0	14.5	10.7	999.9	99.9	99.9	99.9	296.6	320.3	8.9	78.0	999.9	999.
4.1	13.0	1027.7	900.0	14.7	10.2	999.9	99.9	99.9	99.9	297.8	321.3	8.8	74.8	999.9	999.
4.5	14.0	1131.8	889.0	14.1	9.4	999.9	99.9	99.9	99.9	298.1	320.7	8.4	73.6	999.9	999.
4.9	15.0	1227.4	879.0	13.7	9.0	238.6	8.3	7.1	4.4	298.7	320.9	8.2	73.2	1.4	47.
5.4	16.0	1353.1	866.0	13.3	8.5	243.5	9.4	8.4	4.2	299.5	321.5	8.1	72.9	1.6	49.
5.7	17.0	1460.7	855.0	12.5	8.2	245.0	10.0	9.1	4.2	299.8	321.6	8.0	74.8	1.8	51.
6.1	18.0	1559.5	845.0	11.9	7.5	246.3	10.8	9.9	4.3	300.1	320.9	7.6	73.1	2.0	53.
6.5	19.0	1669.3	834.0	11.5	6.0	247.8	11.5	10.6	4.3	300.8	320.2	7.1	68.6	2.3	54.
6.9	20.0	1770.4	824.0	11.5	5.4	251.3	11.4	10.8	3.6	301.8	320.8	6.9	66.1	2.6	56.
7.4	21.0	1893.0	812.0	10.8	3.6	255.8	11.5	11.2	2.8	302.2	319.3	6.1	61.2	2.9	58.
7.8	22.0	1996.3	802.0	9.9	2.9	257.4	12.1	11.8	2.6	302.2	318.7	5.9	61.9	3.2	60.
8.2	23.0	2100.5	792.0	8.9	2.4	258.5	12.7	12.5	2.5	302.3	318.5	5.8	63.6	3.4	61.
8.6	24.0	2205.6	782.0	7.8	1.5	259.6	13.5	13.2	2.4	302.2	317.5	5.4	63.8	3.7	63.
9.0	25.0	2311.6	772.0	6.6	-1.1	260.3	14.3	14.1	2.4	301.8	314.8	4.6	57.7	4.1	64.
9.5	26.0	2440.1	760.0	5.9	-5.6	260.2	15.2	15.0	2.6	302.3	311.8	3.3	43.3	4.5	66.
9.8	27.0	2537.7	751.0	5.9	-6.3	259.2	15.3	15.0	2.9	303.3	312.6	3.2	41.2	4.8	67.
10.2	28.0	2636.3	742.0	5.0	-9.0	257.6	15.2	14.9	3.3	303.3	311.0	2.6	35.4	5.1	68.
10.6	29.0	2746.8	732.0	4.3	-12.4	255.4	15.0	14.5	3.8	303.6	309.7	2.0	28.4	5.5	68.
11.0	30.0	2847.4	723.0	3.7	-14.4	253.3	14.8	14.2	4.3	303.9	309.2	1.7	25.1	5.8	69.
11.4	31.0	2960.2	713.0	2.8	-18.0	252.8	14.8	14.2	4.4	304.2	308.2	1.3	19.9	6.2	69.
11.8	32.0	3063.0	704.0	2.7	-33.8	254.2	15.1	14.5	4.1	304.9	306.0	0.3	4.7	6.6	69.
12.2	33.0	3166.7	695.0	1.3	-35.6	256.9	15.6	15.2	3.5	304.6	305.5	0.3	4.3	6.9	69.
12.6	34.0	3283.1	685.0	0.7	-49.5	259.9	16.2	16.0	2.8	305.1	305.3	0.1	1.0	7.3	70.
13.0	35.0	3389.1	676.0	0.7	-45.9	262.5	17.0	16.8	2.2	306.3	306.6	0.1	1.5	7.7	70.
13.4	36.0	3520.7	665.0	0.4	-37.5	264.0	17.5	17.4	1.8	307.4	308.1	0.2	3.9	8.1	71.
13.9	37.0	3617.4	657.0	-0.9	-34.4	264.4	18.1	18.1	1.8	307.0	308.0	0.3	5.7	8.6	72.
14.2	38.0	3739.6	647.0	-1.6	-32.9	264.1	18.5	18.4	1.9	307.6	308.9	0.4	6.9	8.9	72.
14.6	39.0	3838.4	639.0	-2.5	-32.7	263.5	19.0	18.8	2.2	307.6	308.9	0.4	7.6	9.4	73.
15.0	40.0	3950.7	630.0	-3.4	-30.7	262.7	19.3	19.1	2.4	307.8	309.4	0.5	9.9	9.8	73.
15.4	41.0	4089.7	619.0	-4.2	-28.7	261.0	19.3	19.0	3.0	308.5	310.4	0.6	12.6	10.3	74.
15.8	42.0	4204.9	610.0	-5.0	-30.2	258.1	19.4	18.9	4.0	308.9	310.6	0.5	11.7	10.7	74.
16.2	43.0	4308.6	602.0	-5.3	-31.4	254.6	19.6	18.9	5.2	309.7	311.3	0.5	10.7	11.2	74.
16.6	44.0	4426.8	593.0	-5.6	-33.5	251.2	19.9	18.9	6.4	310.7	312.0	0.4	8.5	11.7	74.
17.0	45.0	4533.2	585.0	-5.9	-36.7	248.6	20.2	18.8	7.4	311.6	312.6	0.3	6.9	12.2	74.
17.4	46.0	4640.9	577.0	-6.5	-39.2	247.2	20.1	18.6	7.8	312.1	312.8	0.2	5.3	12.7	74.
17.8	47.0	4749.8	569.0	-6.9	-39.4	246.4	20.1	18.4	8.1	312.8	313.6	0.2	5.4	13.1	73.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

5 FEBRUARY 1975  
2315 GMT

166 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
18.3	48.0	4860.1	561.0	-7.8	-38.9	245.8	20.4	18.6	8.3	313.0	313.8	0.2	6.1	13.7	73.
18.7	49.0	4971.5	553.0	-8.8	-38.7	245.3	20.8	18.9	8.7	313.1	313.9	0.2	6.8	14.2	73.
19.1	50.0	5084.1	545.0	-9.7	-40.0	244.6	21.2	19.1	9.1	313.4	314.1	0.2	6.3	14.7	73.
19.6	51.0	5226.8	535.0	-10.7	-40.5	243.0	21.5	19.2	9.8	313.8	314.5	0.2	6.5	15.4	72.
20.1	52.0	5327.9	528.0	-11.6	-38.9	241.1	21.9	19.2	10.6	314.0	314.8	0.2	8.2	16.0	72.
20.4	53.0	5444.8	520.0	-12.0	-38.0	240.1	22.1	19.2	11.0	314.8	315.8	0.3	9.3	16.4	71.
20.8	54.0	5563.1	512.0	-13.0	-38.6	239.4	22.5	19.4	11.5	315.0	315.9	0.3	9.5	16.9	71.
21.2	55.0	5667.9	505.0	-14.0	-40.4	239.3	23.0	19.8	11.8	315.1	315.9	0.2	8.5	17.4	71.
21.7	56.0	5804.1	496.0	-15.2	-41.8	239.9	23.9	20.6	12.0	315.2	315.9	0.2	8.1	18.1	70.
22.1	57.0	5926.7	488.0	-15.9	-45.1	240.5	24.6	21.4	12.1	315.8	316.3	0.1	6.0	18.7	70.
22.5	58.0	6035.4	481.0	-17.0	-42.9	240.7	25.5	22.2	12.5	315.7	316.4	0.2	8.4	19.3	70.
22.9	59.0	6145.2	474.0	-18.0	-26.1	240.0	26.5	23.0	13.3	316.0	319.1	1.0	48.8	19.9	69.
23.3	60.0	6256.2	467.0	-19.2	-24.7	239.2	27.4	23.5	14.0	315.8	319.4	1.1	61.2	20.5	69.
23.7	61.0	6368.6	460.0	-19.3	-22.5	238.6	27.8	23.8	14.5	317.1	321.5	1.4	75.6	21.2	69.
24.1	62.0	6482.5	453.0	-20.1	-24.6	238.4	28.0	23.9	14.7	317.4	321.1	1.1	67.1	21.9	68.
24.5	63.0	6597.8	446.0	-20.9	-25.6	238.6	28.3	24.1	14.7	317.8	321.2	1.0	64.8	22.5	68.
24.9	64.0	6714.7	439.0	-21.1	-29.6	239.1	29.1	25.0	15.0	319.0	321.5	0.7	45.7	23.2	68.
25.2	65.0	6833.2	432.0	-22.0	-31.0	239.4	29.6	25.5	15.1	319.3	321.6	0.7	43.8	23.7	68.
25.7	66.0	6970.4	424.0	-23.2	-32.8	239.9	30.0	25.9	15.0	319.5	321.4	0.6	40.9	24.7	67.
26.1	67.0	7092.1	417.0	-24.1	-33.3	240.4	30.4	26.4	15.0	319.8	321.7	0.5	42.2	25.4	67.
26.6	68.0	7197.6	411.0	-25.5	-33.9	241.1	32.2	28.1	15.6	319.4	321.2	0.5	45.0	26.2	67.
26.9	69.0	7322.0	404.0	-26.6	-34.8	241.2	33.8	29.6	16.3	319.4	321.1	0.5	45.9	26.8	67.
27.2	70.0	7429.8	398.0	-27.8	-34.4	240.8	34.6	30.2	16.9	319.3	321.0	0.5	53.0	27.4	67.
27.7	71.0	7575.4	390.0	-28.9	-33.4	239.0	34.0	29.1	17.5	319.8	321.8	0.6	64.9	28.6	67.
28.1	72.0	7686.2	384.0	-29.5	-33.4	236.6	32.2	26.9	17.7	320.3	322.3	0.6	69.0	29.4	66.
28.6	73.0	7798.5	378.0	-30.1	-33.0	233.2	30.8	24.6	18.4	321.1	323.2	0.6	75.4	30.2	66.
29.0	74.0	7912.3	372.0	-31.0	-33.5	231.5	31.1	24.4	19.4	321.3	323.4	0.6	78.4	30.9	66.
29.3	75.0	8027.5	366.0	-31.6	-34.3	230.9	32.0	24.8	20.2	321.9	323.9	0.6	77.0	31.5	65.
29.8	76.0	8144.3	360.0	-32.3	-35.2	230.2	33.2	25.5	21.3	322.6	324.4	0.5	75.3	32.4	65.
30.1	77.0	8262.7	354.0	-33.2	-36.2	229.7	33.6	25.7	21.7	322.9	324.6	0.5	74.5	33.0	65.
30.6	78.0	8382.6	348.0	-34.4	-37.0	228.8	33.7	25.4	22.2	322.8	324.4	0.5	77.3	34.0	64.
31.1	79.0	8504.0	342.0	-35.3	-37.5	227.7	33.7	24.9	22.7	323.2	324.7	0.4	80.5	35.0	64.
31.4	80.0	8606.4	337.0	-36.1	-38.3	227.2	34.6	25.4	23.5	323.5	324.9	0.4	80.4	35.5	63.
32.0	81.0	8773.3	329.0	-36.1	-38.3	227.0	39.4	28.8	26.9	325.7	327.2	0.4	80.5	36.6	63.
32.4	82.0	8879.4	324.0	-37.2	-39.4	226.2	41.4	29.9	28.6	325.6	327.0	0.4	79.3	37.7	62.
32.8	83.0	9008.3	318.0	-38.1	-41.2	224.3	39.5	27.6	28.3	326.1	327.2	0.3	72.9	38.9	62.
33.3	84.0	9117.2	313.0	-38.9	-43.4	221.1	34.5	22.7	26.0	326.4	327.4	0.3	62.1	39.9	61.
33.7	85.0	9227.5	308.0	-39.8	-44.2	219.9	31.7	20.3	24.3	326.8	327.7	0.2	62.3	40.5	61.
34.3	86.0	9384.3	301.0	-40.8	99.5	222.5	32.7	22.1	24.1	327.5	999.9	99.9	999.9	41.5	60.
34.7	87.0	9498.0	296.0	-42.1	99.9	224.6	35.8	25.2	25.5	327.3	999.9	99.9	999.9	42.2	60.
35.1	88.0	9613.0	291.0	-43.5	99.9	226.0	39.5	28.4	27.5	326.9	999.9	99.9	999.9	43.1	60.
35.6	89.0	9753.0	285.0	-44.0	99.9	226.8	43.2	31.5	29.6	328.1	999.9	99.9	999.9	44.4	60.
36.1	90.0	9871.5	280.0	-45.1	99.9	227.5	45.7	33.7	30.9	328.1	999.9	99.9	999.9	45.7	59.
36.6	91.0	9991.6	275.0	-45.7	99.9	227.5	47.6	35.1	32.1	329.0	999.9	99.9	999.9	47.0	59.
37.0	92.0	10113.5	270.0	-47.0	99.5	226.8	48.6	35.4	33.2	328.9	999.9	99.9	999.9	48.2	59.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

5 FEBRUARY 1975

2315 GMT

166 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
37.4	93.0	10212.2	266.0	-48.0	99.9	225.5	47.8	34.1	33.5	328.8	999.9	99.9	999.9	49.4	58.
37.9	94.0	10337.1	261.0	-48.9	99.9	224.0	45.3	31.5	32.6	329.3	999.9	99.9	999.9	50.8	58.
38.4	95.0	10463.8	256.0	-50.1	99.9	223.4	42.8	29.4	31.1	329.4	999.9	99.9	999.9	52.0	58.
38.9	96.0	10618.3	250.0	-51.3	99.9	224.2	42.5	29.6	30.5	329.8	999.9	99.9	999.9	53.2	57.
39.4	97.0	10723.0	246.0	-52.2	99.9	225.4	43.5	31.0	30.6	330.0	999.9	99.9	999.9	54.4	57.
39.9	98.0	10855.4	241.0	-53.6	99.9	225.7	44.2	31.6	30.9	329.8	999.9	99.9	999.9	55.8	57.
40.3	99.0	10962.9	237.0	-54.4	99.9	225.1	45.4	32.2	32.1	330.2	999.9	99.9	999.9	56.8	56.
40.8	100.0	11099.1	232.0	-55.5	99.9	223.9	49.2	34.1	35.4	330.5	999.9	99.9	999.9	58.1	56.
41.3	101.0	11237.7	227.0	-56.5	99.9	222.9	53.1*	36.2	38.9	331.1	999.9	99.9	999.9	59.6	56.
41.8	102.0	11350.3	223.0	-57.6	99.9	222.0	53.1*	35.5	39.4	331.0	999.9	99.9	999.9	61.4	55.
42.2	103.0	11464.2	219.0	-58.7	99.9	221.5	50.3*	33.4	37.7	331.2	999.9	99.9	999.9	62.7	55.
42.7	104.0	11579.9	215.0	-59.3	99.9	221.4	47.1*	31.2	35.3	331.9	999.9	99.9	999.9	63.9	55.
43.2	105.0	11697.6	211.0	-59.0	99.9	221.8	46.3*	30.9	34.5	334.2	999.9	99.9	999.9	65.2	55.
43.7	106.0	11847.8	206.0	-59.5	99.9	221.8	45.6*	30.4	34.0	335.7	999.9	99.9	999.9	66.7	54.
44.1	107.0	11970.9	202.0	-58.3	99.9	221.0	44.0*	28.9	33.2	339.5	999.9	99.9	999.9	67.8	54.
44.5	108.0	12096.7	198.0	-58.5	99.9	219.7	42.0*	26.8	32.3	341.1	999.9	99.9	999.9	68.8	54.
45.0	109.0	12225.2	194.0	-57.4	99.9	219.7	42.6*	26.6	33.2	344.2	999.9	99.9	999.9	69.8	54.
45.5	110.0	12323.5	191.0	-57.6	99.9	219.8	46.2*	29.5	35.5	346.0	999.9	99.9	999.9	71.1	53.
46.1	111.0	12491.3	186.0	-56.8	99.9	222.8	50.4*	34.2	37.0	350.0	999.9	99.9	999.9	72.9	53.
46.6	112.0	12629.2	182.0	-56.3	99.9	225.0	54.1*	38.2	38.2	353.0	999.9	99.9	999.9	74.4	53.
47.1	113.0	12734.8	179.0	-56.2	99.9	226.3	58.3*	42.2	40.2	354.9	999.9	99.9	999.9	75.9	53.
47.5	114.0	12878.5	175.0	-56.0	99.9	227.1	60.5*	44.3	41.2	357.5	999.9	99.9	999.9	77.6	53.
48.1	115.0	12988.3	172.0	-56.6	99.9	228.6	58.4*	43.8	38.6	358.2	999.9	99.9	999.9	79.7	52.
48.7	116.0	13174.9	167.0	-57.8	99.9	231.0	55.7*	43.3	35.1	359.3	999.9	99.9	999.9	81.7	52.
49.3	117.0	13289.0	164.0	-58.8	99.9	233.1	56.0*	44.8	33.7	359.4	999.9	99.9	999.9	83.7	52.
49.8	118.0	13443.7	160.0	-59.7	99.9	233.6	57.1*	45.9	33.9	360.5	999.9	99.9	999.9	85.4	52.
50.3	119.0	13561.7	157.0	-60.8	99.9	233.2	56.3*	45.1	33.7	360.7	999.9	99.9	999.9	87.2	52.
50.7	120.0	13681.5	154.0	-61.5	99.9	232.9	53.8*	43.0	32.5	361.5	999.9	99.9	999.9	88.6	52.
51.3	121.0	13803.3	151.0	-62.4	99.9	233.7	49.2*	39.7	29.1	361.9	999.9	99.9	999.9	90.4	52.
51.8	122.0	13968.7	147.0	-63.1	99.9	236.2	46.5*	38.7	25.9	363.5	999.9	99.9	999.9	91.8	52.
52.3	123.0	14095.5	144.0	-63.3	99.9	239.6	43.9*	37.9	22.3	365.3	999.9	99.9	999.9	93.1	53.
52.8	124.0	14224.8	141.0	-63.7	99.9	241.9	40.5*	35.7	19.1	366.8	999.9	99.9	999.9	94.5	53.
53.3	125.0	14356.8	138.0	-63.5	99.9	241.9	40.3*	35.6	19.0	369.4	999.9	99.9	999.9	95.5	53.
53.9	126.0	14537.4	134.0	-63.7	99.9	239.3	52.0*	44.7	26.6	372.2	999.9	99.9	999.9	96.6	53.
54.5	127.0	14629.5	132.0	-64.3	99.9	237.0	68.4*	57.3	37.2	372.8	999.9	99.9	999.9	98.9	53.
55.0	128.0	14817.6	128.0	-64.6	99.9	235.4	69.2*	57.0	39.3	375.4	999.9	99.9	999.9	101.9	53.
55.5	129.0	14962.9	125.0	-63.5	99.9	233.1	67.1*	53.6	40.3	380.0	999.9	99.9	999.9	103.4	53.
56.0	130.0	15061.7	123.0	-64.4	99.9	231.0	74.9*	58.3	47.1	380.1	999.9	99.9	999.9	104.7	53.
56.4	131.0	15263.2	119.0	-65.8	99.9	230.5	80.2*	61.8	51.1	381.2	999.9	99.9	999.9	107.4	53.
56.9	132.0	15365.8	117.0	-67.0	99.9	230.7	76.4*	59.2	48.4	380.8	999.9	99.9	999.9	110.2	53.
57.5	133.0	15522.3	114.0	-68.0	99.9	232.0	65.4*	51.5	40.3	381.7	999.9	99.9	999.9	112.3	53.
57.9	134.0	15682.1	111.0	-68.9	99.9	232.6	61.1*	48.6	37.1	383.0	999.9	99.9	999.9	113.9	53.
58.4	135.0	15845.6	108.0	-70.0	99.9	233.0	55.5*	44.3	33.4	384.0	999.9	99.9	999.9	115.7	53.
59.0	136.0	16012.8	105.0	-71.1	99.9	233.0	45.3*	36.2	27.3	385.0	999.9	99.9	999.9	117.7	53.
59.6	137.0	16184.2	102.0	-71.5	99.9	233.0	35.9*	28.6	21.6	387.3	999.9	99.9	999.9	118.9	53.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

5 FEBRUARY 1975  
2315 GMT

166 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
60.2	138.0	16360.6	99.0	-71.3	99.9	233.0	31.3*	25.0	18.9	391.1	999.9	99.9	999.9	120.1	53.
60.7	139.0	16481.6	97.0	-70.0	99.9	233.0	30.5*	24.4	18.4	396.0	999.9	99.9	999.9	120.9	53.
61.4	140.0	16669.3	94.0	-68.5	99.9	233.0	32.8*	26.2	19.8	402.5	999.9	99.9	999.9	122.2	53.
62.1	141.0	16863.1	91.0	-69.8	99.9	233.0	38.8*	30.9	23.3	403.7	999.9	99.9	999.9	123.6	53.
62.6	142.0	17062.9	88.0	-69.8	99.9	233.0	38.9*	31.1	23.4	407.6	999.9	99.9	999.9	125.0	53.
63.0	143.0	17269.1	85.0	-70.6	99.9	233.0	33.0*	26.3	19.8	409.9	999.9	99.9	999.9	126.3	53.
63.5	144.0	17481.8	82.0	-71.3	99.9	233.0	21.8*	17.4	13.1	412.7	999.9	99.9	999.9	127.0	53.
64.2	145.0	17627.9	80.0	-71.1	99.9	233.0	21.6*	17.3	13.0	416.1	999.9	99.9	999.9	127.3	53.
65.0	146.0	17854.0	77.0	-71.3	99.9	233.0	29.4*	23.5	17.7	420.2	999.9	99.9	999.9	128.7	53.
65.8	147.0	18088.8	74.0	-71.5	99.9	233.0	26.9*	21.5	16.2	424.5	999.9	99.9	999.9	130.2	53.
66.7	148.0	18250.2	72.0	-72.5	99.9	233.0	13.6*	10.8	8.2	425.9	999.9	99.9	999.9	131.5	53.
67.4	149.0	18500.1	69.0	-72.9	99.9	53.0	6.4*	-5.1	-3.9	430.1	999.9	99.9	999.9	131.8	53.
68.3	150.0	18761.5	66.0	-71.8	99.9	53.0	18.6*	-14.9	-11.2	438.2	999.9	99.9	999.9	130.7	53.
69.2	151.0	18943.5	64.0	-70.9	99.9	53.0	6.5*	-5.2	-3.9	444.0	999.9	99.9	999.9	129.6	53.
70.1	152.0	19227.8	61.0	-71.1	99.9	233.0	1.5*	1.2	0.9	449.7	999.9	99.9	999.9	130.0	53.
71.0	153.0	19426.2	59.0	-68.7	99.9	52.0	6.7*	-5.3	-4.1	459.4	999.9	99.9	999.9	129.9	53.
72.0	154.0	19739.6	56.0	-67.6	99.9	270.9	3.1*	3.1	-0.0	468.7	999.9	99.9	999.9	129.0	53.
73.0	155.0	19958.5	54.0	-67.6	99.9	279.1	5.1*	5.0	-0.8	473.6	999.9	99.9	999.9	130.3	53.
74.1	156.0	20302.1	51.0	-68.3	99.9	270.2	6.3*	6.3	-0.0	479.9	999.9	99.9	999.9	129.5	53.
75.3	157.0	20542.3	49.0	-68.0	99.9	251.8	10.5*	10.0	3.3	486.0	999.9	99.9	999.9	130.7	53.
76.7	158.0	20923.6	46.0	-66.2	99.9	234.7	20.6*	16.8	11.9	499.3	999.9	99.9	999.9	131.9	53.
78.0	159.0	21194.3	44.0	-64.3	99.9	233.9	13.5*	10.9	8.0	510.4	999.9	99.9	999.9	133.5	53.
79.4	160.0	21628.0	41.0	-62.7	99.9	338.4	3.6*	1.3	-3.4	524.6	999.9	99.9	999.9	134.0	53.
80.8	161.0	21937.4	39.0	-61.1	99.9	18.1	10.4*	-3.2	-9.8	536.3	999.9	99.9	999.9	132.9	54.
82.3	162.0	22433.5	36.0	-62.0	99.9	254.3	17.6*	17.0	4.8	546.4	999.9	99.9	999.9	133.7	54.
83.8	163.0	22786.6	34.0	-62.6	99.9	251.5	14.6*	13.8	4.6	553.9	999.9	99.9	999.9	134.7	54.
85.5	164.0	23354.9	31.0	-63.7	99.9	274.1	8.9*	8.9	-0.6	565.7	999.9	99.9	999.9	136.8	54.
87.4	165.0	23765.9	29.0	-61.8	99.9	236.5	18.1*	15.1	10.0	581.7	999.9	99.9	999.9	137.1	54.
89.6	166.0	24442.4	26.0	-61.5	99.9	235.7	30.1*	24.9	16.9	601.2	999.9	99.9	999.9	140.7	54.
91.7	167.0	25203.2	23.0	-61.1	99.9	260.4	11.5*	11.4	1.9	623.7	999.9	99.9	999.9	144.7	55.
94.4	168.0	25771.8	21.0	-58.5	99.9	999.9	99.9	99.9	99.9	648.1	999.9	99.9	999.9	999.9	999.

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
515 GMT

161 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.5	11.0	1014.2	15.0	14.7	230.0	2.1	1.6	1.3	288.4	315.0	10.4	98.0	0.0	0.
0.2	4.0	63.4	1008.0	18.5	18.1	999.9	99.9	99.9	99.9	292.7	326.5	13.1	97.6	999.9	999.
0.6	5.0	175.3	995.0	18.9	18.6	999.9	99.9	99.9	99.9	294.3	329.7	13.7	97.7	999.9	999.
1.1	6.0	257.3	981.0	17.9	17.5	999.9	99.9	99.9	99.9	294.4	327.9	13.0	97.5	999.9	999.
1.5	7.0	402.8	969.0	17.1	16.6	999.9	99.9	99.9	99.9	294.5	326.7	12.4	97.4	999.9	999.
1.9	8.0	509.4	957.0	16.4	16.0	999.9	99.9	99.9	99.9	294.9	326.3	12.1	97.3	999.9	999.
2.4	9.0	617.1	945.0	15.8	15.4	999.9	99.9	99.9	99.9	295.3	326.0	11.8	97.2	999.9	999.
2.8	10.0	716.8	934.0	15.2	11.5	999.9	99.9	99.9	99.9	295.3	319.7	9.2	78.6	999.9	999.
3.2	11.0	845.1	920.0	15.6	10.9	235.0	7.9	6.5	4.5	296.9	320.8	8.9	73.2	1.3	55.
3.7	12.0	956.6	908.0	14.8	11.7	239.0	8.0	6.9	4.1	297.3	322.8	9.6	81.3	1.6	55.
4.1	13.0	1059.9	897.0	14.1	11.2	240.8	8.7	7.6	4.3	297.5	322.6	9.4	83.0	1.8	56.
4.5	14.0	1164.2	886.0	13.7	11.0	240.5	9.7	8.4	4.7	298.2	323.2	9.3	83.7	2.0	56.
4.9	15.0	1269.6	875.0	12.7	8.8	249.0	10.9	10.1	3.9	298.1	320.0	8.1	76.9	2.2	57.
5.3	16.0	1405.1	861.0	11.9	7.9	254.4	12.0	11.5	3.2	298.6	319.7	7.8	76.1	2.5	59.
5.7	17.0	1512.8	850.0	11.4	5.7	255.5	12.8	12.4	3.2	299.0	317.5	6.8	67.9	2.8	61.
6.1	18.0	1621.7	839.0	10.6	5.3	253.8	13.6	13.1	3.8	299.3	317.6	6.7	69.3	3.1	62.
6.6	19.0	1731.6	828.0	9.7	5.4	252.2	14.8	14.1	4.5	299.4	318.1	6.8	74.2	3.5	63.
7.0	20.0	1842.7	817.0	8.6	3.4	249.9	15.0	14.1	5.2	299.3	315.9	6.0	69.9	3.9	64.
7.6	21.0	1975.3	804.0	7.9	2.3	245.8	15.4	14.1	6.3	299.9	315.5	5.6	67.4	4.4	65.
8.0	22.0	2078.5	794.0	6.7	1.7	245.6	13.9	12.6	5.7	299.6	314.8	5.5	70.7	4.8	65.
8.5	23.0	2182.6	784.0	6.2	-6.2	247.5	12.6	11.7	4.8	299.8	308.6	3.1	40.5	5.2	64.
8.9	24.0	2298.4	773.0	6.5	-25.0	250.2	12.3	11.5	4.2	301.1	303.1	0.6	8.3	5.5	65.
9.4	25.0	2404.9	763.0	5.8	-37.4	251.4	12.3	11.6	3.9	301.4	302.1	0.2	2.6	5.8	65.
9.9	26.0	2545.2	750.0	5.3	-46.7	249.2	12.3	11.5	4.4	302.3	302.6	0.1	1.0	6.2	66.
10.3	27.0	2654.6	740.0	5.1	-46.8	246.4	12.1	11.1	4.9	303.3	303.6	0.1	1.0	6.5	66.
10.8	28.0	2765.5	730.0	4.8	-47.0	244.2	12.0	10.8	5.2	304.1	304.4	0.1	1.0	6.8	66.
11.3	29.0	2866.4	721.0	4.1	-47.4	245.6	12.3	11.2	5.1	304.4	304.7	0.1	1.0	7.2	65.
11.7	30.0	2979.6	711.0	3.3	-47.9	248.7	12.6	11.7	4.6	304.7	305.0	0.1	1.0	7.5	65.
12.0	31.0	3094.1	701.0	2.3	-48.5	251.5	12.8	12.1	4.1	304.9	305.1	0.1	1.0	7.8	66.
12.5	32.0	3209.7	691.0	1.0	-49.4	254.7	13.5	13.0	3.5	304.7	304.9	0.1	1.0	8.1	66.
12.9	33.0	3314.9	682.0	0.6	-49.6	255.8	14.6	14.1	3.6	305.4	305.7	0.1	1.0	8.4	67.
13.3	34.0	3433.2	672.0	-0.0	-50.0	256.9	15.8	15.4	3.6	306.0	306.2	0.1	1.0	8.8	67.
13.7	35.0	3541.0	663.0	-0.6	-38.9	258.4	17.0	16.6	3.4	306.5	307.2	0.2	3.6	9.2	67.
14.2	36.0	3686.6	651.0	-1.6	-29.9	260.6	18.2	18.0	3.0	307.1	308.7	0.5	9.3	9.7	68.
14.7	37.0	3797.1	642.0	-2.7	-25.9	262.0	19.1	19.0	2.6	307.1	309.4	0.7	14.7	10.2	69.
15.1	38.0	3908.8	633.0	-3.8	-25.9	262.6	19.5	19.4	2.5	307.1	309.4	0.7	15.9	10.7	69.
15.5	39.0	4021.6	624.0	-5.0	-22.3	262.6	19.7	19.5	2.5	307.0	310.2	1.0	24.2	11.2	70.
16.0	40.0	4135.6	615.0	-5.6	-25.0	261.1	19.7	19.5	3.1	307.6	310.2	0.8	19.9	11.7	71.
16.5	41.0	4276.9	604.0	-6.6	-28.8	257.7	19.6	19.1	4.2	307.9	309.8	0.6	15.2	12.3	71.
17.0	42.0	4394.0	595.0	-7.2	-31.1	252.7	20.0	19.1	6.0	308.5	310.1	0.5	12.7	12.9	71.
17.5	43.0	4512.5	586.0	-8.3	-38.0	247.5	21.5	19.9	8.2	308.6	309.5	0.2	6.9	13.5	71.
17.9	44.0	4619.1	578.0	-8.4	-35.4	244.3	23.1	20.8	10.0	309.7	310.8	0.3	9.1	14.0	71.
18.3	45.0	4727.2	570.0	-8.7	-41.9	241.6	24.3	21.4	11.5	310.6	311.2	0.2	4.7	14.6	71.
18.7	46.0	4850.4	561.0	-9.1	-55.7	239.3	25.2	21.6	12.8	311.4	311.6	0.0	1.0	15.2	70.
19.2	47.0	4961.3	553.0	-9.7	-50.3	237.5	25.7	21.7	13.8	312.0	312.3	0.1	2.0	16.0	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
515 GMT

161 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.6	48.0	5087.7	544.0	-10.7	-39.4	237.4	25.8	21.7	13.9	312.3	313.1	0.2	7.3	16.6	69.
20.0	49.0	5201.4	536.0	-11.7	-38.0	238.9	25.5	21.9	13.2	312.5	313.4	0.3	9.1	17.2	69.
20.5	50.0	5316.4	528.0	-12.6	-39.8	241.5	25.3	22.7	12.1	312.8	313.6	0.2	8.1	17.9	68.
21.1	51.0	5462.2	518.0	-13.0	-40.7	242.4	27.1	24.0	12.6	314.0	314.7	0.2	7.6	18.8	68.
21.5	52.0	5580.8	510.0	-13.1	-58.2	242.3	29.7	26.3	13.8	315.2	315.3	0.0	1.0	19.4	68.
22.0	53.0	5701.0	502.0	-14.2	-58.9	242.5	32.7	29.0	15.1	315.3	315.4	0.0	1.0	20.4	68.
22.4	54.0	5822.6	494.0	-15.1	-59.5	242.4	33.3	29.5	15.4	315.7	315.8	0.0	1.0	21.4	67.
22.9	55.0	5945.9	486.0	-15.6	-59.8	242.0	33.2	29.3	15.6	316.5	316.6	0.0	1.0	22.2	67.
23.5	56.0	6086.6	477.0	-16.7	-60.5	241.6	33.3	29.3	15.8	316.8	316.9	0.0	1.0	23.5	67.
23.9	57.0	6157.4	470.0	-17.7	-61.2	241.9	32.9	29.0	15.5	317.0	317.1	0.0	1.0	24.3	67.
24.4	58.0	6325.6	462.0	-18.6	-61.8	242.8	32.3	28.7	14.7	317.4	317.4	0.0	1.0	25.2	67.
24.8	59.0	6439.2	455.0	-19.7	-62.5	243.7	32.1	28.8	14.3	317.4	317.5	0.0	1.0	26.0	66.
25.2	60.0	6570.6	447.0	-20.8	-63.2	244.2	32.3	29.1	14.0	317.6	317.7	0.0	1.0	26.8	66.
25.7	61.0	6687.1	440.0	-21.6	-63.7	244.1	32.7	29.5	14.3	318.1	318.1	0.0	1.0	27.7	66.
26.1	62.0	6805.0	433.0	-22.8	-64.5	243.6	33.3	29.8	14.8	318.0	318.1	0.0	1.0	28.5	66.
26.6	63.0	6924.3	426.0	-23.7	-65.1	242.5	34.0	30.1	15.7	318.3	318.3	0.0	1.0	29.5	66.
27.0	64.0	7062.4	418.0	-25.1	-65.9	241.4	33.8	29.6	16.1	318.3	318.4	0.0	1.0	30.4	66.
27.5	65.0	7167.3	412.0	-25.9	-66.5	239.3	32.1	27.6	16.4	318.6	318.7	0.0	1.0	31.4	66.
28.0	66.0	7326.9	403.0	-27.0	-66.3	237.1	30.5	25.6	16.6	319.1	319.1	0.0	1.1	32.3	66.
28.5	67.0	7452.9	396.0	-28.4	-52.6	236.5	30.5	25.5	16.8	319.0	319.2	0.1	7.6	33.1	65.
28.9	68.0	7562.1	390.0	-29.3	-46.1	237.9	31.5	26.6	16.7	319.2	319.7	0.2	17.7	33.8	65.
29.4	69.0	7691.1	383.0	-30.8	-41.2	239.7	32.7	28.2	16.5	318.9	319.9	0.3	34.8	34.9	65.
29.9	70.0	7803.0	377.0	-31.8	-39.2	240.2	33.9	29.4	16.8	319.0	320.1	0.3	47.4	35.8	65.
30.5	71.0	7954.3	369.0	-33.1	-39.6	238.0	34.7	29.5	18.4	319.2	320.3	0.3	52.1	37.1	65.
30.9	72.0	8088.9	362.0	-33.4	-37.2	234.7	34.3	28.0	19.8	320.6	322.1	0.4	68.0	38.0	65.
31.4	73.0	8206.0	356.0	-34.5	-37.4	231.0	34.1	26.5	21.5	320.7	322.2	0.4	74.7	38.9	64.
31.8	74.0	8324.6	350.0	-35.4	-37.8	229.9	35.3	27.0	22.7	321.0	322.4	0.4	78.6	39.7	64.
32.3	75.0	8465.0	343.0	-36.6	-38.9	230.3	38.1	29.3	24.3	321.2	322.5	0.4	79.4	40.7	64.
32.8	76.0	8587.1	337.0	-37.4	-39.5	231.1	40.0	31.1	25.1	321.7	323.0	0.4	80.6	41.9	63.
33.3	77.0	8710.9	331.0	-38.4	-40.3	231.1	38.6	30.0	24.2	322.0	323.2	0.3	81.6	43.3	63.
33.7	78.0	8836.5	325.0	-39.2	-41.4	230.5	36.6	28.2	23.3	322.6	323.7	0.3	79.0	44.1	63.
34.2	79.0	8964.0	319.0	-40.0	99.9	229.7	36.8	28.1	23.8	323.3	999.9	99.9	999.9	44.9	62.
34.7	80.0	9071.6	314.0	-41.1	99.9	229.9	40.4	30.9	26.0	323.2	999.9	99.9	999.9	46.1	62.
35.3	81.0	9224.5	307.0	-42.1	99.9	230.9	43.6	33.8	27.5	323.9	999.9	99.9	999.9	47.6	62.
35.7	82.0	9357.8	301.0	-43.1	99.9	231.5	44.0	34.4	27.4	324.4	999.9	99.9	999.9	48.7	61.
36.2	83.0	9493.2	295.0	-44.2	99.9	231.9	44.3	34.9	27.3	324.6	999.9	99.9	999.9	50.0	61.
36.7	84.0	9607.5	290.0	-45.3	99.9	232.4	45.6*	36.1	27.8	324.6	999.9	99.9	999.9	51.2	61.
37.2	85.0	9746.9	284.0	-45.9	99.9	232.9	47.8*	38.1	28.8	325.7	999.9	99.9	999.9	52.8	61.
37.8	86.0	9912.7	277.0	-46.8	99.9	232.9	50.8*	40.5	30.6	326.8	999.9	99.9	999.9	54.3	60.
38.4	87.0	10033.2	272.0	-47.8	99.9	231.7	47.9*	37.6	29.7	327.0	999.9	99.9	999.9	56.7	60.
39.0	88.0	10155.4	267.0	-48.7	99.9	229.7	41.1*	31.3	26.6	327.5	999.9	99.9	999.9	57.7	60.
39.5	89.0	10279.4	262.0	-49.8	99.9	228.4	41.2*	30.8	27.4	327.7	999.9	99.9	999.9	59.0	60.
40.0	90.0	10405.2	257.0	-50.5	99.9	226.9	43.4*	31.6	29.6	328.4	999.9	99.9	999.9	60.3	59.
40.5	91.0	10533.0	252.0	-51.9	99.9	224.8	42.7*	30.1	30.3	328.2	999.9	99.9	999.9	61.6	59.
41.1	92.0	10662.6	247.0	-52.8	99.9	222.8	44.2*	30.0	32.4	328.7	999.9	99.9	999.9	63.0	59.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
515 GMT

161 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
41.6	93.0	10794.3	242.0	-53.6	99.9	221.7	49.1*	32.7	36.7	329.4	999.9	99.9	999.9	64.0	59.
42.1	94.0	10928.3	237.0	-54.4	99.9	220.3	52.4*	33.9	39.9	330.2	999.9	99.9	999.9	66.0	58.
42.7	95.0	11064.6	232.0	-55.2	99.9	218.8	51.5*	32.3	40.2	330.9	999.9	99.9	999.9	67.7	58.
43.4	96.0	11203.2	227.0	-56.9	99.9	219.0	51.2*	32.2	39.8	330.5	999.9	99.9	999.9	69.6	57.
43.8	97.0	11343.8	222.0	-58.3	99.9	219.7	50.4*	32.2	38.8	330.5	999.9	99.9	999.9	70.9	57.
44.4	98.0	11458.1	218.0	-59.0	99.9	221.8	49.7*	33.1	37.0	331.1	999.9	99.9	999.9	72.7	56.
44.9	99.0	11603.9	213.0	-58.1	99.9	225.2	53.8*	38.2	38.0	334.7	999.9	99.9	999.9	73.6	56.
45.4	100.0	11723.9	209.0	-55.9	99.9	227.1	59.3*	43.4	40.4	339.9	999.9	99.9	999.9	75.8	56.
46.1	101.0	11909.9	203.0	-54.6	99.9	226.8	60.3*	43.9	41.3	344.9	999.9	99.9	999.9	78.3	56.
46.6	102.0	12037.1	199.0	-55.2	99.9	226.7	58.6*	42.7	40.2	345.8	999.9	99.9	999.9	80.0	55.
47.1	103.0	12166.5	195.0	-55.7	99.9	227.2	57.4*	42.1	38.9	347.0	999.9	99.9	999.9	81.7	55.
47.7	104.0	12298.4	191.0	-56.2	99.9	226.6	55.3*	40.2	38.0	348.3	999.9	99.9	999.9	83.9	55.
48.2	105.0	12467.1	186.0	-55.7	99.9	225.8	56.3*	40.3	39.3	351.7	999.9	99.9	999.9	85.3	55.
48.8	106.0	12570.5	183.0	-56.2	99.9	227.7	64.3*	47.6	43.3	352.6	999.9	99.9	999.9	87.4	55.
49.3	107.0	12710.9	179.0	-56.4	99.9	230.2	72.2*	55.5	46.2	354.5	999.9	99.9	999.9	89.1	54.
49.8	108.0	12854.2	175.0	-56.9	99.9	231.2	72.4*	56.4	45.4	356.0	999.9	99.9	999.9	92.0	54.
50.4	109.0	13000.4	171.0	-57.6	99.9	231.1	67.0*	52.2	42.0	357.2	999.9	99.9	999.9	94.4	54.
50.9	110.0	13149.4	167.0	-59.0	99.9	231.9	70.5*	55.5	43.4	357.4	999.9	99.9	999.9	95.4	54.
51.6	111.0	13301.2	163.0	-59.9	99.9	232.3	65.1*	51.6	39.8	358.4	999.9	99.9	999.9	100.2	54.
52.1	112.0	13455.9	159.0	-61.1	99.9	232.1	46.8*	36.9	28.7	358.8	999.9	99.9	999.9	101.2	54.
52.7	113.0	13614.1	155.0	-61.5	99.9	233.1	34.4*	27.5	20.6	360.8	999.9	99.9	999.9	102.3	54.
53.3	114.0	13735.0	152.0	-62.2	99.9	234.0	37.9*	30.7	22.3	361.5	999.9	99.9	999.9	103.2	54.
54.0	115.0	13899.8	148.0	-62.2	99.9	234.1	40.2*	32.5	23.5	364.3	999.9	99.9	999.9	105.7	54.
54.8	116.0	14068.8	144.0	-62.8	99.9	234.1	32.1*	26.0	18.8	366.2	999.9	99.9	999.9	106.9	54.
55.4	117.0	14198.7	141.0	-62.4	99.9	233.6	38.2*	30.8	22.7	369.1	999.9	99.9	999.9	107.9	54.
55.9	118.0	14376.0	137.0	-63.2	99.9	232.0	51.7*	40.7	31.8	370.8	999.9	99.9	999.9	109.0	54.
56.5	119.0	14512.3	134.0	-62.8	99.9	229.1	62.4*	47.2	40.9	373.8	999.9	99.9	999.9	111.5	54.
57.0	120.0	14651.7	131.0	-63.2	99.9	226.0	55.1*	39.6	38.3	375.5	999.9	99.9	999.9	113.9	54.
57.5	121.0	14793.9	128.0	-64.1	99.9	222.0	41.5*	27.7	30.8	376.3	999.9	99.9	999.9	114.9	54.
58.1	122.0	14939.1	125.0	-64.1	99.9	220.0	36.9*	23.7	28.3	378.9	999.9	99.9	999.9	116.0	54.
58.7	123.0	15087.4	122.0	-65.3	99.9	223.8	45.8*	31.7	33.0	379.3	999.9	99.9	999.9	117.2	53.
59.2	124.0	15238.9	119.0	-65.5	99.9	225.1	51.8*	36.7	36.6	381.7	999.9	99.9	999.9	118.9	53.
59.8	125.0	15446.4	115.0	-66.3	99.9	222.3	45.5*	30.6	33.7	383.9	999.9	99.9	999.9	121.1	53.
60.5	126.0	15606.2	112.0	-67.4	99.9	221.1	32.0*	21.0	24.1	384.9	999.9	99.9	999.9	122.4	53.
61.2	127.0	15769.5	109.0	-68.2	99.9	229.5	28.3*	21.5	18.4	386.3	999.9	99.9	999.9	123.6	53.
61.9	128.0	15936.7	106.0	-68.9	99.9	232.8	27.8*	22.2	16.8	388.2	999.9	99.9	999.9	124.8	53.
62.5	129.0	16050.5	104.0	-69.5	99.9	233.0	30.6*	24.5	18.4	389.0	999.9	99.9	999.9	125.6	53.
63.1	130.0	16224.7	101.0	-70.4	99.9	233.0	34.5*	27.6	20.8	390.6	999.9	99.9	999.9	126.9	53.
63.8	131.0	16464.5	97.0	-70.7	99.9	233.0	34.1*	27.3	20.5	394.7	999.9	99.9	999.9	128.5	53.
64.4	132.0	16588.1	95.0	-70.7	99.9	233.0	32.5*	26.0	19.6	397.0	999.9	99.9	999.9	129.6	53.
65.0	133.0	16779.1	92.0	-69.3	99.9	233.0	31.8*	25.4	19.1	403.3	999.9	99.9	999.9	130.9	53.
65.6	134.0	16910.2	90.0	-69.5	99.9	233.0	32.2*	25.7	19.4	405.4	999.9	99.9	999.9	131.9	53.
66.3	135.0	17112.4	87.0	-69.5	99.9	233.0	32.5*	26.0	19.6	409.4	999.9	99.9	999.9	133.3	53.
67.0	136.0	17321.3	84.0	-70.4	99.9	233.0	30.3*	24.2	18.2	411.7	999.9	99.9	999.9	134.8	53.
67.8	137.0	17463.7	82.0	-72.3	99.9	233.0	31.8*	25.4	19.2	410.7	999.9	99.9	999.9	136.0	53.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
515 GMT

161 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PPRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COHP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
68.6	138.0	17757.9	78.0	-72.3	99.9	233.0	31.9*	25.5	19.2	416.6	999.9	99.9	999.9	137.8	53.
69.4	139.0	17910.6	76.0	-72.8	99.9	233.0	29.7*	23.7	17.9	418.7	999.9	99.9	999.9	139.1	53.
70.3	140.0	18147.1	73.0	-72.5	99.9	233.0	33.3*	26.6	20.0	424.1	999.9	99.9	999.9	140.8	53.
71.0	141.0	18394.0	70.0	-72.1	99.9	232.5	26.8*	21.2	16.3	430.2	999.9	99.9	999.9	142.5	53.
72.0	142.0	18565.4	68.0	-70.4	99.9	70.7	8.5*	-8.1	-2.8	437.3	999.9	99.9	999.9	143.7	53.
72.8	143.0	18833.5	65.0	-70.2	99.9	213.8	5.6*	3.1	4.6	443.5	999.9	99.9	999.9	141.9	53.
74.0	144.0	19114.6	62.0	-70.0	99.9	232.9	26.1*	20.8	15.7	450.1	999.9	99.9	999.9	144.0	53.
74.9	145.0	19310.1	60.0	-69.1	99.9	232.9	24.9*	19.9	15.0	456.3	999.9	99.9	999.9	145.3	53.
75.9	146.0	19513.4	58.0	-67.8	99.9	232.9	23.7*	22.9	17.3	463.7	999.9	99.9	999.9	146.7	53.
77.0	147.0	19833.9	55.0	-66.5	99.9	244.3	8.0*	7.2	3.5	473.6	999.9	99.9	999.9	148.9	53.
78.0	148.0	20173.7	52.0	-66.1	99.9	40.2	25.6*	-16.5	-19.6	482.2	999.9	99.9	999.9	145.9	53.
79.1	149.0	20412.4	50.0	-64.5	99.9	248.1	17.4*	16.1	6.5	491.5	999.9	99.9	999.9	147.5	53.
80.3	150.0	20662.1	48.0	-64.1	99.9	248.9	13.2*	12.3	4.7	498.2	999.9	99.9	999.9	148.2	53.
81.4	151.0	21057.4	45.0	-63.9	99.9	240.4	33.5*	29.1	16.6	507.9	999.9	99.9	999.9	150.0	53.
82.7	152.0	21480.4	42.0	-63.7	99.9	239.3	30.8*	26.5	15.7	518.5	999.9	99.9	999.9	152.7	53.
83.9	153.0	21779.7	40.0	-63.7	99.9	241.5	10.4*	9.1	5.0	525.8	999.9	99.9	999.9	154.7	53.
85.2	154.0	22095.5	38.0	-62.2	99.9	245.5	24.8*	22.6	10.3	537.4	999.9	99.9	999.9	155.1	54.
86.4	155.0	22604.7	35.0	-61.3	99.9	240.0	15.8*	13.7	7.9	552.6	999.9	99.9	999.9	156.7	54.
87.8	156.0	22970.6	33.0	-60.4	99.9	250.4	7.6*	7.2	2.5	564.4	999.9	99.9	999.9	157.6	54.
89.4	157.0	23359.8	31.0	-60.9	99.9	238.9	33.2*	28.4	17.1	573.2	999.9	99.9	999.9	159.5	54.
91.0	158.0	23992.8	28.0	-60.8	99.9	233.9	32.1*	25.9	18.9	590.6	999.9	99.9	999.9	163.3	54.
92.8	159.0	24453.8	26.0	-60.8	99.9	24.3	2.0*	-0.8	-1.9	603.2	999.9	99.9	999.9	164.4	54.
94.7	160.0	24953.3	24.0	-59.5	99.9	245.4	20.4*	18.5	8.5	620.9	999.9	99.9	999.9	165.6	54.
96.9	161.0	25495.5	22.0	-61.3	99.9	239.8	27.6*	23.9	13.9	631.1	999.9	99.9	999.9	167.2	54.
99.2	162.0	26407.2	19.0	-60.4	99.9	245.7	26.1*	23.8	10.7	661.0	999.9	99.9	999.9	170.7	54.
102.0	163.0	27107.2	17.0	-56.2	99.9	999.9	99.9	99.9	99.9	695.7	999.9	99.9	999.9	999.9	999.



STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
1115 GMT

153 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.7	11.0	1012.6	16.6	16.3	0.0	0.0	0.0	0.0	290.3	319.9	11.6	98.0	0.0	0.
0.3	4.0	50.0	1008.0	18.4	18.1	204.0	4.8	2.0	4.4	292.6	326.2	13.1	98.3	0.3	155.
0.5	5.0	153.1	996.0	18.1	17.8	204.0	4.8	2.0	4.4	293.4	326.8	13.0	97.6	0.3	155.
1.0	6.0	283.3	981.0	17.3	16.5	235.8	3.9	3.3	2.2	293.7	325.2	12.2	95.3	0.3	130.
1.4	7.0	388.7	969.0	16.7	16.0	252.8	4.4	4.2	1.3	294.0	325.1	12.0	96.0	0.3	118.
1.9	8.0	495.2	957.0	16.5	15.8	238.3	5.1	4.3	2.7	294.9	326.0	11.9	96.0	0.5	105.
2.3	9.0	602.8	945.0	15.7	15.0	223.1	5.9	4.0	4.3	295.0	325.0	11.5	95.9	0.5	93.
2.6	10.0	702.5	934.0	15.3	13.8	217.6	6.6	4.0	5.2	295.5	323.7	10.7	91.0	0.6	85.
3.0	11.0	830.8	920.0	15.1	12.5	220.2	7.1	4.6	5.4	296.5	322.9	10.0	84.8	0.7	73.
3.4	12.0	951.5	907.0	14.3	12.0	225.2	7.6	5.4	5.3	296.8	322.9	9.8	86.5	0.9	69.
3.8	13.0	1045.2	897.0	13.3	11.4	227.4	8.0	5.9	5.4	296.7	321.9	9.5	88.2	1.1	65.
4.3	14.0	1149.1	886.0	12.3	10.9	231.0	9.3	7.2	5.8	296.7	321.5	9.3	91.1	1.3	62.
4.7	15.0	1263.8	874.0	12.5	10.7	231.5	10.3	8.1	6.4	298.1	323.0	9.3	88.7	1.5	60.
5.2	16.0	1389.6	861.0	11.2	8.9	228.1	11.0	8.2	7.3	297.8	320.4	8.4	86.2	1.9	59.
5.6	17.0	1497.0	850.0	10.2	7.3	227.5	11.1	8.2	7.5	297.9	318.3	7.6	81.9	2.1	57.
6.1	18.0	1615.5	838.0	10.0	3.9	236.9	11.3	9.4	6.2	298.7	315.4	6.1	65.8	2.5	56.
6.5	19.0	1715.3	828.0	10.0	-5.5	245.9	11.6	10.6	4.7	299.3	308.1	3.1	32.9	2.7	57.
7.0	20.0	1826.5	817.0	10.6	-10.0	249.8	13.5	12.7	4.7	300.9	307.4	2.2	22.3	3.1	58.
7.5	21.0	1959.9	804.0	10.4	-22.0	253.0	16.3	15.6	4.7	301.9	304.5	0.8	8.3	3.5	60.
7.9	22.0	2074.3	793.0	9.9	-17.9	251.2	16.9	16.0	5.4	302.6	306.2	1.2	12.3	3.9	61.
8.3	23.0	2179.4	783.0	8.9	-16.7	250.3	17.5	16.4	5.9	302.7	306.7	1.3	14.5	4.3	62.
8.7	24.0	2296.2	772.0	7.8	-15.5	249.9	18.0	16.9	6.2	302.8	307.3	1.5	17.2	4.8	63.
9.1	25.0	2403.4	762.0	7.0	-15.2	250.0	18.4	17.3	6.3	302.9	307.6	1.5	18.7	5.2	63.
9.6	26.0	2533.6	750.0	6.4	-14.4	250.1	19.1	18.0	6.5	303.8	308.8	1.7	20.7	5.7	64.
10.0	27.0	2643.5	740.0	5.4	-15.0	249.9	19.6	18.4	6.7	303.8	308.7	1.6	21.3	6.2	64.
10.3	28.0	2765.5	729.0	4.2	-17.1	249.3	19.7	18.4	7.0	303.7	308.0	1.4	19.5	6.6	65.
10.8	29.0	2877.6	719.0	3.5	-19.8	247.7	19.7	18.3	7.5	304.1	307.6	1.1	16.1	7.2	65.
11.1	30.0	2979.6	710.0	2.3	-21.8	246.3	19.7	18.0	7.9	303.9	306.9	0.9	14.7	7.5	65.
11.6	31.0	3094.0	700.0	1.8	-23.9	243.0	19.4	17.3	8.8	304.6	307.1	0.8	12.7	8.1	65.
12.0	32.0	3209.7	690.0	0.7	-25.2	239.7	19.1	16.5	9.6	304.6	306.8	0.7	12.3	8.6	65.
12.4	33.0	3326.7	680.0	0.2	-20.4	237.1	18.9	15.8	10.3	305.3	308.8	1.1	19.3	9.1	65.
12.9	34.0	3433.3	671.0	-0.4	-50.2	235.9	19.4	16.1	10.9	305.6	305.8	0.1	1.0	9.6	64.
13.3	35.0	3541.1	662.0	-0.8	-48.6	236.7	20.5	17.1	11.2	306.5	306.7	0.1	1.2	10.0	64.
13.8	36.0	3686.9	650.0	-1.2	-40.7	238.5	21.7	18.5	11.4	307.5	308.1	0.2	3.1	10.7	63.
14.3	37.0	3797.9	641.0	-2.0	-26.2	240.3	22.4	19.5	11.1	307.9	310.2	0.7	13.6	11.4	63.
14.8	38.0	3922.5	631.0	-3.3	-25.6	242.0	22.5	19.9	10.6	307.9	310.3	0.7	15.8	12.1	63.
15.3	39.0	4035.9	622.0	-4.4	-26.4	243.7	22.7	20.3	10.0	307.9	310.2	0.7	15.9	12.7	63.
15.8	40.0	4150.4	613.0	-5.4	-24.9	245.7	23.3	21.3	9.6	308.0	310.7	0.8	19.8	13.4	63.
16.3	41.0	4292.2	602.0	-6.5	-23.5	247.8	24.2	22.4	9.2	308.4	311.4	0.9	24.3	14.1	63.
16.8	42.0	4409.8	593.0	-7.4	-21.9	249.4	24.8	23.2	8.7	308.7	312.3	1.1	30.0	14.9	63.
17.2	43.0	4528.7	584.0	-8.1	-21.8	250.0	25.1	23.6	8.6	309.2	312.8	1.1	32.0	15.5	64.
17.7	44.0	4635.8	576.0	-8.6	-20.4	249.5	25.7	24.1	9.0	309.9	314.1	1.3	37.5	16.2	64.
18.2	45.0	4758.0	567.0	-8.3	-23.8	248.0	27.2	25.2	10.2	311.6	314.8	1.0	27.2	17.0	64.
18.6	46.0	4882.1	558.0	-8.8	-28.9	246.6	29.2	26.8	11.6	312.3	314.4	0.6	17.8	17.6	64.
19.1	47.0	4993.7	550.0	-9.9	-37.5	245.2	32.0	29.1	13.4	312.4	313.3	0.3	8.3	18.5	64.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
1115 GMT

153 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.4	48.0	5106.6	542.0	-10.4	-34.7	244.6	33.1	29.9	14.2	313.0	314.3	0.4	11.5	19.2	64.
19.9	49.0	5235.2	533.0	-11.7	-29.6	243.7	32.9	29.5	14.6	313.0	315.0	0.6	20.8	20.2	64.
20.3	50.0	5350.8	525.0	-12.6	-32.9	243.0	31.5	28.1	14.3	313.3	314.9	0.5	16.3	21.0	64.
20.9	51.0	5497.6	515.0	-12.9	-38.8	242.5	29.1	25.8	13.4	314.7	315.6	0.3	9.2	22.1	64.
21.3	52.0	5616.7	507.0	-13.7	-37.8	242.6	28.4	25.2	13.1	315.1	316.1	0.3	10.9	22.7	64.
21.8	53.0	5737.4	499.0	-14.5	-38.4	242.7	29.0	25.8	13.3	315.5	316.4	0.3	11.0	23.5	64.
22.3	54.0	5859.7	491.0	-15.2	-53.0	242.6	30.7	27.3	14.1	316.1	316.3	0.1	2.3	24.4	64.
22.8	55.0	5983.6	483.0	-15.9	-53.1	242.2	31.6	27.9	14.7	316.7	316.9	0.1	2.4	25.4	64.
23.3	56.0	6125.0	474.0	-17.2	-55.5	241.6	31.2	27.4	14.8	316.9	317.0	0.0	2.0	26.4	64.
23.8	57.0	6252.5	466.0	-18.0	-55.5	241.1	30.5	26.7	14.8	317.4	317.6	0.0	2.1	27.3	64.
24.2	58.0	6365.3	459.0	-19.2	-62.1	240.8	30.3	26.5	14.8	317.3	317.3	0.0	1.0	28.0	64.
24.7	59.0	6495.9	451.0	-20.0	-62.7	240.6	30.4	26.5	14.9	317.8	317.9	0.0	1.0	28.9	64.
25.2	60.0	6611.6	444.0	-21.3	-50.9	240.2	30.4	26.4	15.1	317.6	317.9	0.1	4.9	29.8	64.
25.7	61.0	6745.5	436.0	-22.0	-45.3	239.7	30.5	26.3	15.4	318.4	318.9	0.1	5.9	30.8	64.
26.3	62.0	6864.3	429.0	-23.2	-44.4	239.0	31.0	26.6	16.0	318.3	319.0	0.2	12.2	31.8	63.
26.8	63.0	6984.5	422.0	-24.3	-45.6	238.9	32.0	27.4	16.5	318.5	319.0	0.1	11.8	32.8	63.
27.3	64.0	7106.3	415.0	-25.1	-47.8	239.0	32.6	27.9	16.8	319.0	319.4	0.1	9.8	33.7	63.
27.8	65.0	7229.7	408.0	-26.0	-50.5	238.6	32.3	27.5	16.8	319.3	319.7	0.1	7.8	34.8	63.
28.5	66.0	7390.8	399.0	-27.0	-56.7	237.1	31.9	26.8	17.3	320.0	320.2	0.0	4.1	36.0	63.
29.0	67.0	7518.1	392.0	-28.1	-57.2	236.2	33.2	27.6	18.5	320.3	320.4	0.0	4.2	37.0	63.
29.5	68.0	7628.6	386.0	-29.3	-57.7	235.7	33.9	28.0	19.1	320.1	320.3	0.0	4.4	38.0	62.
30.0	69.0	7759.0	379.0	-30.3	-58.2	235.2	32.4	26.6	18.5	320.4	320.6	0.0	4.6	39.2	62.
30.5	70.0	7872.3	373.0	-31.5	-58.8	234.7	32.0	26.1	18.5	320.3	320.4	0.0	4.7	39.9	62.
31.1	71.0	8044.7	364.0	-32.7	-59.4	233.9	35.2	28.4	20.8	321.0	321.1	0.0	4.9	41.1	62.
31.6	72.0	8161.6	358.0	-33.4	-59.8	233.2	36.9	29.5	22.1	321.6	321.7	0.0	5.0	42.3	62.
32.1	73.0	8300.0	351.0	-34.5	-60.4	233.0	35.5	28.3	21.4	321.8	321.9	0.0	5.2	43.5	61.
32.7	74.0	8460.7	343.0	-35.7	-61.1	234.4	34.3	27.9	19.9	322.3	322.4	0.0	5.4	44.5	61.
33.2	75.0	8583.2	337.0	-36.7	-61.6	236.8	35.4	29.7	19.4	322.7	322.8	0.0	5.5	45.5	61.
33.6	76.0	8707.3	331.0	-37.9	-62.2	238.5	36.3	30.9	18.9	322.7	322.8	0.0	5.7	46.5	61.
34.1	77.0	8854.3	324.0	-38.9	-62.9	239.8	35.8	31.0	18.0	323.2	323.3	0.0	5.9	47.6	61.
34.6	78.0	8982.2	318.0	-40.2	99.9	240.1	36.5*	31.6	18.2	323.3	999.9	99.9	999.9	48.6	61.
35.0	79.0	9090.0	313.0	-41.5	99.9	239.8	38.9*	33.6	19.5	322.9	999.9	99.9	999.9	49.3	61.
35.5	80.0	9221.0	307.0	-42.6	99.9	239.2	39.9*	34.3	20.4	323.1	999.9	99.9	999.9	50.7	61.
36.2	81.0	9358.8	299.0	-44.0	99.9	238.4	34.2*	29.1	17.9	323.6	999.9	99.9	999.9	52.4	61.
36.7	82.0	9511.7	294.0	-45.0	99.9	238.2	34.5*	29.3	18.1	323.8	999.9	99.9	999.9	53.1	61.
37.2	83.0	9649.3	288.0	-45.7	99.9	238.6	41.4*	35.3	21.6	324.7	999.9	99.9	999.9	54.1	61.
37.7	84.0	9765.7	283.0	-46.9	99.9	238.8	49.2*	42.1	25.5	324.7	999.9	99.9	999.9	55.6	61.
38.2	85.0	9907.4	277.0	-47.9	99.9	238.4	50.3*	42.8	26.3	325.2	999.9	99.9	999.9	57.3	61.
38.7	86.0	10076.0	270.0	-48.6	99.9	236.8	41.9*	35.1	22.9	326.6	999.9	99.9	999.9	59.0	61.
39.3	87.0	10198.6	265.0	-49.8	99.9	232.4	27.8*	22.0	17.0	326.6	999.9	99.9	999.9	60.2	61.
39.9	88.0	10323.0	260.0	-50.5	99.9	230.3	25.4*	19.6	16.2	327.3	999.9	99.9	999.9	60.5	60.
40.4	89.0	10449.5	255.0	-51.0	99.9	231.9	31.0*	25.0	19.6	328.4	999.9	99.9	999.9	61.5	60.
40.8	90.0	10604.4	249.0	-51.3	99.9	231.8	35.6*	28.0	22.0	330.2	999.9	99.9	999.9	62.4	60.
41.4	91.0	10736.0	244.0	-52.0	99.9	230.7	37.2*	28.8	23.5	331.0	999.9	99.9	999.9	63.7	60.
41.8	92.0	10869.8	239.0	-53.0	99.9	230.8	36.6*	28.4	23.1	331.6	999.9	99.9	999.9	64.7	60.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
1115 GMT

153 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CCMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
42.3	93.0	10978.3	235.0	-54.2	99.9	232.1	35.9*	28.3	22.0	331.3	999.9	99.9	999.9	65.7	60.
42.9	94.0	11116.0	230.0	-55.0	99.9	234.4	36.0*	29.3	20.9	332.1	999.9	99.9	999.9	67.0	60.
43.4	95.0	11256.1	225.0	-56.0	99.9	236.1	36.4*	30.2	20.3	332.7	999.9	99.9	999.9	68.1	59.
44.1	96.0	11427.6	219.0	-57.0	99.9	237.6	37.3*	31.5	20.0	333.8	999.9	99.9	999.9	69.6	59.
44.7	97.0	11573.9	214.0	-57.0	99.9	237.1	41.3*	34.7	22.4	336.0	999.9	99.9	999.9	70.9	59.
45.2	98.0	11693.3	210.0	-57.0	99.9	235.5	47.5*	39.2	26.9	337.8	999.9	99.9	999.9	72.2	59.
45.8	99.0	11846.0	205.0	-56.8	99.9	233.5	56.1*	45.1	33.3	340.4	999.9	99.9	999.9	74.0	59.
46.3	100.0	11970.8	201.0	-57.0	99.9	232.3	58.7*	46.4	35.9	342.1	999.9	99.9	999.9	75.9	59.
46.9	101.0	12130.5	196.0	-56.5	99.9	231.4	52.4*	40.9	32.7	345.3	999.9	99.9	999.9	78.4	59.
47.5	102.0	12294.7	191.0	-56.0	99.9	231.4	50.5*	39.5	31.5	348.7	999.9	99.9	999.9	79.6	59.
48.0	103.0	12429.3	187.0	-56.2	99.9	232.4	67.0*	53.0	40.9	350.5	999.9	99.9	999.9	80.5	59.
48.5	104.0	12566.6	183.0	-56.3	99.9	237.8	81.5*	64.9	45.3	352.4	999.9	99.9	999.9	83.7	58.
49.1	105.0	12707.0	179.0	-56.2	99.9	232.5	74.3*	59.0	45.2	354.9	999.9	99.9	999.9	87.1	58.
49.6	106.0	12850.5	175.0	-56.8	99.9	231.8	66.3*	52.1	41.0	356.2	999.9	99.9	999.9	88.6	58.
50.1	107.0	12996.8	171.0	-57.5	99.9	231.2	69.1*	53.9	43.3	357.4	999.9	99.9	999.9	90.3	58.
50.7	108.0	13146.0	167.0	-58.3	99.9	231.3	75.3*	58.7	47.1	358.4	999.9	99.9	999.9	93.2	58.
51.3	109.0	13298.3	163.0	-59.2	99.9	232.1	75.4*	59.5	46.3	359.5	999.9	99.9	999.9	96.0	58.
51.9	110.0	13453.9	159.0	-59.3	99.9	232.9	78.0*	62.2	47.0	361.8	999.9	99.9	999.9	98.4	57.
52.7	111.0	13613.5	155.0	-59.3	99.9	232.9	78.2*	62.4	47.1	364.4	999.9	99.9	999.9	102.6	57.
53.2	112.0	13776.8	151.0	-60.4	99.9	232.3	67.7*	53.6	41.4	365.3	999.9	99.9	999.9	105.1	57.
53.8	113.0	13944.1	147.0	-60.6	99.9	231.3	50.6*	39.5	31.6	367.9	999.9	99.9	999.9	107.1	57.
54.4	114.0	14072.2	144.0	-61.5	99.9	230.6	39.7*	30.7	25.2	368.5	999.9	99.9	999.9	108.4	57.
54.9	115.0	14246.5	140.0	-62.2	99.9	229.6	36.4*	27.7	23.6	370.2	999.9	99.9	999.9	109.5	57.
55.5	116.0	14425.0	136.0	-63.9	99.9	229.1	34.7*	26.2	22.7	370.3	999.9	99.9	999.9	110.9	57.
56.1	117.0	14561.4	133.0	-64.8	99.9	232.1	34.3*	27.1	21.0	371.0	999.9	99.9	999.9	111.9	57.
56.6	118.0	14747.3	129.0	-65.8	99.9	235.0	34.0*	27.9	15.5	372.5	999.9	99.9	999.9	113.1	57.
57.2	119.0	14889.8	126.0	-66.8	99.9	236.5	32.7*	27.3	18.1	373.2	999.9	99.9	999.9	114.2	57.
57.7	120.0	15035.5	123.0	-66.8	99.9	236.7	31.7*	26.5	17.4	375.7	999.9	99.9	999.9	115.2	57.
58.3	121.0	15184.7	120.0	-66.8	99.9	236.7	31.6*	26.4	17.3	378.4	999.9	99.9	999.9	116.3	57.
58.9	122.0	15337.5	117.0	-67.4	99.9	236.7	33.0*	27.6	18.1	380.0	999.9	99.9	999.9	117.4	57.
59.6	123.0	15547.4	113.0	-66.8	99.9	236.7	32.7*	27.4	18.0	385.0	999.9	99.9	999.9	118.9	57.
60.1	124.0	15709.6	110.0	-68.0	99.9	236.7	30.0*	25.1	16.5	385.6	999.9	99.9	999.9	120.0	57.
60.8	125.0	15819.6	108.0	-68.9	99.9	236.7	29.3*	24.5	16.1	386.0	999.9	99.9	999.9	121.0	57.
61.6	126.0	16045.9	104.0	-68.0	99.9	236.7	33.8*	28.2	18.5	391.8	999.9	99.9	999.9	122.5	57.
62.1	127.0	16221.8	101.0	-67.8	99.9	237.1	34.3*	28.8	18.6	395.5	999.9	99.9	999.9	123.6	57.
62.8	128.0	16403.1	98.0	-67.8	99.9	239.1	33.7*	28.9	17.3	399.0	999.9	99.9	999.9	125.0	57.
63.5	129.0	16590.4	95.0	-67.2	99.9	241.5	36.6*	32.1	17.5	403.7	999.9	99.9	999.9	126.3	57.
64.0	130.0	16784.0	92.0	-67.0	99.9	242.1	37.9*	33.5	17.7	407.9	999.9	99.9	999.9	127.7	57.
64.7	131.0	16984.3	89.0	-66.8	99.9	241.0	34.9*	30.5	16.9	412.2	999.9	99.9	999.9	129.1	57.
65.3	132.0	17190.8	86.0	-68.3	99.9	238.2	30.9*	26.3	16.3	413.3	999.9	99.9	999.9	130.4	57.
66.1	133.0	17331.8	84.0	-69.1	99.9	232.7	32.3*	25.7	19.5	414.4	999.9	99.9	999.9	131.6	57.
66.8	134.0	17549.0	81.0	-69.3	99.9	230.5	44.2*	34.1	28.2	418.3	999.9	99.9	999.9	133.0	57.
67.5	135.0	17773.7	78.0	-70.4	99.9	230.0	48.3*	37.0	31.1	420.5	999.9	99.9	999.9	135.5	57.
68.3	136.0	18006.9	75.0	-70.0	99.9	231.9	29.1*	22.9	18.0	426.2	999.9	99.9	999.9	137.4	57.
69.2	137.0	18250.3	72.0	-69.1	99.9	236.4	38.8*	32.3	21.5	433.1	999.9	99.9	999.9	138.3	57.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975

1115 GMT

153 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
70.1	139.0	18504.7	69.0	-69.1	99.9	236.6	46.8*	39.0	25.7	438.4	999.9	99.9	999.9	141.5	57.
70.9	139.0	18770.7	66.0	-68.7	99.9	236.6	37.2*	31.0	20.5	444.9	999.9	99.9	999.9	143.3	57.
71.9	140.0	19050.8	63.0	-66.4	99.9	236.6	33.1*	27.6	18.2	455.9	999.9	99.9	999.9	145.3	57.
72.7	141.0	19347.6	60.0	-64.6	99.9	236.6	27.7*	23.1	15.2	466.2	999.9	99.9	999.9	147.3	57.
74.0	142.0	19554.5	58.0	-64.8	99.9	999.9	99.9	99.9	99.9	470.3	999.9	99.9	999.9	999.9	999.
75.1	143.0	19879.4	55.0	-63.9	99.9	999.9	99.9	99.9	99.9	479.7	999.9	99.9	999.9	999.9	999.
76.2	144.0	20222.4	52.0	-64.8	99.9	999.9	99.9	99.9	99.9	485.3	999.9	99.9	999.9	999.9	999.
77.2	145.0	20584.8	49.0	-65.0	99.9	999.9	99.9	99.9	99.9	493.1	999.9	99.9	999.9	999.9	999.
78.3	146.0	20971.6	46.0	-63.3	99.9	999.9	99.9	99.9	99.9	506.3	999.9	99.9	999.9	999.9	999.
79.5	147.0	21384.8	43.0	-64.6	99.9	999.9	99.9	99.9	99.9	512.8	999.9	99.9	999.9	999.9	999.
80.8	148.0	21676.8	41.0	-63.1	99.9	999.9	99.9	99.9	99.9	523.7	999.9	99.9	999.9	999.9	999.
82.1	149.0	22146.1	38.0	-61.5	99.9	999.9	99.9	99.9	99.9	539.4	999.9	99.9	999.9	999.9	999.
83.6	150.0	22655.2	35.0	-62.2	99.9	999.9	99.9	99.9	99.9	550.3	999.9	99.9	999.9	999.9	999.
84.9	151.0	23212.6	32.0	-59.3	99.9	999.9	99.9	99.9	99.9	572.2	999.9	99.9	999.9	999.9	999.
86.6	152.0	23832.1	29.0	-57.3	99.9	999.9	99.9	99.9	99.9	594.2	999.9	99.9	999.9	999.9	999.
88.2	153.0	24283.2	27.0	-58.0	99.9	999.9	99.9	99.9	99.9	604.5	999.9	99.9	999.9	999.9	999.
90.1	154.0	25292.9	23.0	-58.3	99.9	999.9	99.9	99.9	99.9	631.9	999.9	99.9	999.9	999.9	999.
91.9	155.0	25866.5	21.0	-57.5	99.9	999.9	99.9	99.9	99.9	651.1	999.9	99.9	999.9	999.9	999.

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
1500 GMT

62 441. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GPM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.8	11.0	1012.5	16.9	16.1	350.0	2.6	0.5	-2.6	290.5	319.9	11.5	95.0	0.0	0.
0.1	4.0	23.7	1011.0	17.1	16.0	999.9	99.9	99.9	99.9	290.9	320.1	11.4	92.8	999.9	999.
0.5	5.0	125.7	999.0	15.9	14.7	999.9	99.9	99.9	99.9	290.5	317.8	10.6	92.6	999.9	999.
0.9	6.0	245.9	985.0	15.7	14.6	999.9	99.9	99.9	99.9	291.5	319.0	10.7	93.1	999.9	999.
1.3	7.0	341.5	974.0	16.5	8.7	999.9	99.9	99.9	99.9	292.8	312.1	7.3	59.8	999.9	999.
1.7	8.0	438.4	963.0	16.5	14.2	229.7	4.2	3.2	2.7	294.2	322.0	10.6	86.1	0.2	104.
2.0	9.0	536.4	952.0	16.1	14.9	225.7	5.5	4.0	3.9	294.8	324.3	11.3	92.7	0.2	85.
2.3	10.0	635.5	941.0	15.9	14.8	227.5	6.7	5.0	4.5	295.6	325.3	11.3	93.1	0.3	71.
2.7	11.0	763.3	927.0	15.7	14.6	228.3	8.4	6.3	5.6	296.7	326.7	11.4	93.6	0.5	63.
3.0	12.0	855.5	917.0	14.9	13.9	228.3	9.8	7.3	6.5	296.7	325.7	11.0	94.0	0.6	60.
3.3	13.0	967.3	905.0	14.7	13.7	227.3	11.0	8.1	7.5	297.6	326.7	11.0	94.0	0.8	57.
3.7	14.0	1061.5	895.0	13.9	12.9	226.5	11.9	8.6	8.2	297.7	325.6	10.5	93.9	1.1	54.
3.9	15.0	1165.9	884.0	12.9	11.9	226.4	12.0	9.7	8.3	297.6	324.2	10.0	93.7	1.3	53.
4.3	16.0	1290.6	871.0	12.1	11.1	227.6	12.2	9.0	8.3	298.0	323.7	9.6	93.6	1.5	52.
4.6	17.0	1387.5	861.0	11.3	10.4	229.1	12.6	9.5	8.2	298.1	323.0	9.3	94.0	1.8	51.
4.8	18.0	1485.3	851.0	10.9	10.0	230.5	12.9	9.9	8.2	298.7	323.3	9.1	94.0	1.9	51.
5.1	19.0	1584.1	841.0	10.6	9.6	232.0	13.3	10.5	8.2	299.3	323.6	9.0	93.9	2.2	51.
5.4	20.0	1694.0	830.0	9.8	8.9	232.5	13.5	10.7	8.2	299.6	323.1	8.7	94.1	2.4	52.
5.7	21.0	1815.3	818.0	9.6	8.8	232.1	13.8	10.9	8.5	300.7	324.4	8.7	94.4	2.6	52.
6.0	22.0	1917.6	808.0	9.3	8.4	231.2	14.1	11.0	8.8	301.3	324.8	8.6	94.3	2.9	52.
6.3	23.0	2021.1	798.0	8.7	7.8	231.0	15.3	11.9	9.6	301.8	324.7	8.4	94.2	3.1	52.
6.7	24.0	2125.5	788.0	7.6	6.8	230.9	16.6	12.9	10.5	301.6	323.4	7.9	94.7	3.5	51.
7.0	25.0	2230.8	778.0	6.4	5.5	230.9	17.4	13.5	11.0	301.3	321.5	7.3	94.4	3.9	51.
7.5	26.0	2358.5	766.0	5.8	5.0	230.9	18.5	14.4	11.7	302.0	321.9	7.2	94.3	4.4	51.
7.9	27.0	2455.3	757.0	4.8	3.9	230.5	19.1	14.7	12.2	301.9	320.5	6.7	93.9	4.8	51.
8.3	28.0	2563.9	747.0	4.5	3.5	229.8	19.2	14.7	12.4	302.6	321.1	6.6	93.7	5.3	51.
8.7	29.0	2673.8	737.0	3.8	2.8	228.9	19.0	14.3	12.5	303.0	320.9	6.4	93.6	5.8	51.
9.1	30.0	2773.7	728.0	3.1	2.7	227.8	18.6	13.7	12.5	303.3	320.6	6.2	93.5	6.3	51.
9.9	31.0	2874.7	719.0	2.9	2.0	226.6	18.7	13.6	12.9	304.2	321.5	6.2	93.5	7.1	50.
10.7	32.0	2976.8	710.0	2.1	1.1	227.5	19.0	13.3	12.2	304.3	320.9	5.9	93.4	8.1	50.
11.1	33.0	3091.5	700.0	1.9	0.9	228.5	17.7	13.3	11.7	305.4	321.9	5.8	92.7	8.5	50.
11.7	34.0	3196.1	691.0	1.6	0.5	229.4	18.3	13.9	11.9	306.1	322.5	5.7	92.2	9.0	50.
12.1	35.0	3301.7	682.0	0.3	-0.8	229.1	18.6	14.0	12.2	305.7	320.9	5.3	92.6	9.6	50.
13.1	36.0	3432.5	671.0	1.1	0.1	228.8	17.1	12.8	11.3	308.1	324.7	5.8	93.1	10.6	50.
13.6	37.0	3541.4	662.0	0.9	0.0	229.8	18.1	13.8	11.7	309.1	325.9	5.6	93.7	11.1	50.
14.7	38.0	3651.0	653.0	-2.0	-2.9	228.8	26.4	19.9	17.4	306.9	320.6	4.7	93.3	12.5	50.
15.6	39.0	3761.4	644.0	-2.6	-3.8	227.4	29.3	21.5	15.8	307.4	320.5	4.5	91.6	14.2	49.
16.4	40.0	3873.1	635.0	-3.4	-5.0	226.6	25.6	18.6	17.6	307.7	319.8	4.2	88.4	15.4	49.
17.4	41.0	3998.6	625.0	-4.3	-6.0	227.1	27.0	19.8	18.3	308.0	319.5	3.9	87.8	16.9	49.
18.3	42.0	4112.9	616.0	-5.2	-6.9	227.6	26.6	19.6	17.9	308.2	319.1	3.7	87.7	18.5	49.
19.2	43.0	4228.5	607.0	-5.8	-7.7	228.0	27.4	20.4	18.3	308.8	319.3	3.5	86.8	19.8	49.
19.9	44.0	4332.6	599.0	-6.0	-7.0	228.4	30.8	23.0	20.4	309.8	320.3	3.5	86.7	21.0	49.
20.2	45.0	4451.2	590.0	-6.6	-8.4	228.9	30.6	23.0	20.1	310.4	320.7	3.4	86.7	21.7	49.
20.6	46.0	4558.0	582.0	-6.9	-8.7	230.1	28.9	22.2	18.5	311.3	321.5	3.4	86.8	22.5	49.
21.0	47.0	4666.0	574.0	-7.3	-9.2	232.5	25.9	20.6	15.8	312.0	322.0	3.3	86.7	23.1	49.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
1500 GMT

62 441. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
21.3	48.0	4775.4	566.0	-8.1	-10.0	235.0	24.7	20.3	14.2	312.3	321.9	3.2	86.2	23.5	49.
21.8	49.0	4886.0	558.0	-8.7	-10.0	239.0	24.4	20.9	12.5	312.9	322.2	3.1	85.7	24.2	49.
22.2	50.0	4997.9	550.0	-9.4	-11.4	241.3	25.0	21.9	12.0	313.3	322.2	2.9	85.1	24.7	49.
22.6	51.0	5139.8	540.0	-10.0	-12.1	243.0	25.6	22.8	11.6	314.2	322.9	2.8	84.6	25.4	50.
22.9	52.0	5254.8	532.0	-11.0	-13.1	244.0	25.4	22.8	11.1	314.3	322.4	2.6	84.2	25.9	50.
23.4	53.0	5371.2	524.0	-11.5	-13.9	244.7	25.0	22.6	10.7	315.0	322.7	2.5	82.9	26.5	50.
23.8	54.0	5489.1	516.0	-12.1	-14.5	244.3	25.6	23.0	11.1	315.7	323.2	2.4	82.4	27.1	51.
24.2	55.0	5608.6	508.0	-13.1	-15.7	243.8	26.5	23.8	11.7	315.9	322.8	2.2	80.8	27.7	51.
25.0	56.0	5744.8	499.0	-13.7	-16.3	244.5	26.9	24.2	11.6	316.8	323.5	2.1	80.3	29.1	52.
25.7	57.0	5852.1	492.0	-14.2	-16.9	248.0	25.3	23.4	9.5	317.4	323.9	2.1	79.8	30.1	52.
26.3	58.0	5976.5	484.0	-14.6	-17.4	250.8	24.3	23.0	8.0	318.3	324.7	2.0	79.1	30.9	53.
27.2	59.0	6086.8	477.0	-15.6	-18.6	251.1	25.2	23.9	8.2	318.4	324.4	1.8	77.9	32.1	53.
27.9	60.0	6198.3	470.0	-16.2	-19.2	249.9	27.9	26.2	9.6	319.1	324.8	1.8	77.1	33.1	54.
28.6	61.0	6327.4	462.0	-17.0	-20.1	250.1	26.0	24.4	8.8	319.6	325.0	1.7	76.3	34.5	54.
29.3	62.0	6441.9	455.0	-17.9	-21.1	246.9	26.8	24.6	10.5	319.8	324.8	1.5	75.8	35.3	55.
30.2	63.0	6557.7	448.0	-18.6	-21.9	999.9	99.9	99.9	99.9	320.4	325.2	1.5	75.0	999.9	999.
31.1	64.0	6675.0	441.0	-19.6	-23.1	999.9	99.9	99.9	99.9	320.6	325.0	1.3	73.6	999.9	999.

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
1800 GMT

166 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	11.0	1012.4	16.1	15.1	230.0	1.5	1.1	1.0	289.7	317.2	10.8	94.0	0.0	0.
0.4	5.0	115.7	1000.0	14.3	11.7	318.8	8.1	5.4	-6.1	288.6	311.0	8.7	84.3	0.2	114.
0.9	6.0	252.3	984.0	14.7	10.5	306.2	8.5	6.9	-5.0	290.3	311.6	8.2	75.9	0.4	126.
1.3	7.0	356.3	972.0	14.7	9.6	290.5	9.4	8.8	-3.3	291.2	311.6	7.7	71.2	0.6	123.
1.6	8.0	461.5	960.0	14.5	9.2	281.7	10.5	10.3	-2.1	292.1	312.2	7.6	70.3	0.8	119.
2.0	9.0	567.9	948.0	14.3	9.5	276.8	12.3	12.2	-1.5	292.9	313.8	7.9	72.5	1.0	113.
2.3	10.0	675.6	936.0	13.9	9.0	276.6	12.6	12.5	-1.5	293.6	314.1	7.7	72.2	1.3	110.
2.8	11.0	812.0	921.0	13.5	8.6	276.3	12.6	12.6	-1.4	294.5	314.9	7.6	71.8	1.6	107.
3.1	12.0	913.2	910.0	12.4	8.8	275.2	12.6	12.6	-1.1	294.4	315.3	7.9	79.0	1.8	106.
3.5	13.0	1034.0	897.0	11.8	10.6	271.6	13.3	13.3	-0.4	295.1	318.9	9.0	92.4	2.2	104.
3.9	14.0	1137.4	886.0	11.4	10.3	266.5	13.6	13.6	0.8	295.7	319.5	8.9	92.9	2.5	102.
4.2	15.0	1242.1	875.0	11.0	9.9	263.2	14.6	14.5	1.7	296.4	319.9	8.8	92.8	2.7	101.
4.7	16.0	1376.9	861.0	10.5	9.4	259.7	17.3	17.0	3.4	297.1	320.3	8.6	93.0	3.1	98.
5.1	17.0	1494.1	850.0	9.7	8.6	255.8	20.0	19.4	4.9	297.4	319.7	8.3	93.0	3.6	95.
5.5	18.0	1592.4	839.0	9.2	7.5	254.0	22.5	21.6	6.2	297.9	319.0	7.8	89.6	4.0	93.
5.9	19.0	1702.0	828.0	9.0	6.8	252.8	24.9	23.8	7.4	298.8	319.3	7.6	86.5	4.6	90.
6.2	20.0	1812.9	817.0	8.4	6.4	252.0	26.5	25.2	8.2	299.3	319.5	7.4	87.1	5.0	89.
6.7	21.0	1945.6	804.0	7.7	5.9	250.2	28.5	26.9	9.7	299.9	319.8	7.3	88.5	5.8	86.
7.1	22.0	2059.3	793.0	7.0	5.0	248.3	29.6	27.5	11.0	300.3	319.3	6.9	87.4	6.5	84.
7.6	23.0	2174.3	782.0	6.6	4.4	246.5	30.3	27.8	12.1	301.0	319.7	6.8	85.9	7.4	82.
7.9	24.0	2290.8	771.0	6.1	4.3	245.3	30.0	27.2	12.5	301.7	320.5	6.8	88.3	8.0	81.
8.3	25.0	2397.8	761.0	4.9	3.4	243.9	28.9	26.0	12.7	301.4	319.3	6.4	89.8	8.7	80.
8.9	26.0	2538.4	748.0	4.0	2.7	242.2	27.1	23.9	12.6	302.0	319.3	6.2	90.9	9.6	78.
9.3	27.0	2647.9	738.0	3.2	1.9	241.0	26.2	22.9	12.7	302.2	318.9	6.0	91.6	10.2	77.
9.7	28.0	2758.6	728.0	2.5	1.5	239.3	26.0	22.3	13.3	302.6	319.1	5.9	93.4	10.8	76.
10.1	29.0	2870.5	718.0	1.8	1.0	237.1	26.6	22.3	14.4	303.0	319.2	5.7	94.0	11.4	75.
10.5	30.0	2983.7	708.0	1.2	0.3	234.9	28.1	23.0	16.1	303.5	319.1	5.5	93.9	12.0	74.
10.9	31.0	3098.3	698.0	0.5	-0.3	233.7	29.9	24.1	17.7	304.0	319.2	5.4	94.1	12.6	73.
11.3	32.0	3214.1	688.0	-0.5	-1.3	233.4	31.6	25.3	18.8	304.1	318.5	5.1	93.9	13.3	72.
11.7	33.0	3331.3	678.0	-0.8	-1.7	233.8	33.0	26.7	19.5	305.0	319.3	5.0	93.6	14.1	71.
12.0	34.0	3438.2	669.0	-1.1	-2.1	234.5	34.0	27.7	19.8	305.8	320.0	4.9	93.1	14.6	70.
12.4	35.0	3558.3	659.0	-2.2	-3.3	235.4	34.9	28.7	19.8	305.8	319.0	4.6	92.0	15.4	69.
12.9	36.0	3704.5	647.0	-2.7	-3.9	236.1	34.8	28.9	19.4	306.9	319.8	4.4	91.3	16.6	69.
13.3	37.0	3815.5	638.0	-3.8	-6.0	236.3	34.3	28.6	19.0	306.8	317.8	3.8	82.7	17.4	68.
13.7	38.0	3927.7	629.0	-4.4	-6.6	236.3	33.9	28.2	18.8	307.3	318.3	3.7	84.6	18.1	67.
14.1	39.0	4041.4	620.0	-4.5	-7.0	236.0	33.4	27.7	18.7	308.4	319.2	3.7	82.8	18.9	67.
14.4	40.0	4156.6	611.0	-5.0	-7.4	235.3	32.6	26.8	18.6	309.2	319.8	3.6	83.1	19.6	67.
15.0	41.0	4299.5	600.0	-5.3	-7.7	233.4	30.1	24.2	18.0	310.4	321.1	3.6	83.0	20.7	66.
15.4	42.0	4418.2	591.0	-6.2	-8.4	232.7	29.5	23.5	17.9	310.7	321.0	3.4	84.5	21.3	66.
15.8	43.0	4538.3	582.0	-6.8	-8.7	232.6	30.6	24.3	18.6	311.4	321.6	3.4	86.3	22.0	65.
16.2	44.0	4659.9	573.0	-7.7	-9.0	232.8	33.0	26.3	19.9	311.7	321.8	3.4	89.9	22.7	65.
16.7	45.0	4783.1	564.0	-8.3	-9.5	233.0	37.1	29.6	22.3	312.4	322.4	3.3	91.0	23.7	64.
17.0	46.0	4894.0	556.0	-9.0	-10.1	233.1	39.6	31.7	23.8	312.8	322.5	3.2	91.6	24.4	64.
17.4	47.0	5020.4	547.0	-9.6	-10.6	233.5	41.6	33.4	24.8	313.6	323.0	3.1	92.2	25.4	63.
17.8	48.0	5134.2	539.0	-10.2	-11.2	234.0	42.4	34.3	24.9	314.2	323.4	3.0	91.8	26.4	63.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
1800 GMT

166 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.1	49.0	5249.4	531.0	-10.9	-12.0	234.4	42.5	34.6	24.8	314.6	323.4	2.9	91.3	27.2	63.
18.5	50.0	5366.0	523.0	-11.7	-13.0	234.7	42.3	34.5	24.5	314.9	323.3	2.7	90.6	28.2	63.
19.0	51.0	5513.9	513.0	-12.6	-13.8	234.7	40.7	33.2	23.5	315.6	323.6	2.6	90.5	29.3	62.
19.4	52.0	5633.8	505.0	-13.6	-14.9	234.7	37.2	30.4	21.5	315.8	323.3	2.4	90.0	30.6	62.
19.8	53.0	5755.2	497.0	-14.1	-15.5	235.0	34.4	28.2	19.7	316.6	323.8	2.3	89.3	31.3	62.
20.2	54.0	5878.3	489.0	-15.0	-16.4	235.6	33.8*	27.9	19.1	317.0	323.9	2.2	88.9	31.9	62.
20.7	55.0	5987.3	482.0	-15.8	-19.5	236.3	36.2*	30.1	20.1	317.2	322.7	1.7	73.3	33.0	61.
21.1	56.0	6145.1	472.0	-17.0	-21.3	236.5	38.7*	32.3	21.4	317.6	322.4	1.5	69.5	33.9	61.
21.5	57.0	6257.1	465.0	-17.9	-23.7	236.5	40.3*	33.6	22.3	317.9	322.0	1.2	62.0	34.8	61.
21.9	58.0	6386.7	457.0	-18.5	-26.2	237.2	40.9*	34.4	22.2	318.6	321.8	1.0	50.4	35.8	61.
22.2	59.0	6501.6	450.0	-19.9	-29.3	238.0	40.6*	34.4	21.5	318.3	320.8	0.7	42.5	36.6	61.
22.7	60.0	6617.8	443.0	-20.6	-37.6	239.4	38.8*	33.4	19.7	318.8	320.0	0.3	20.0	37.8	61.
23.0	61.0	6752.5	435.0	-21.2	-50.7	240.3	37.3*	32.4	18.4	319.6	319.9	0.1	5.0	38.7	61.
23.5	62.0	6872.0	428.0	-21.8	-55.9	241.5	35.4*	31.2	16.9	320.4	320.5	0.0	2.8	39.4	61.
23.8	63.0	6993.3	421.0	-22.4	-48.2	242.4	35.5*	31.4	16.5	321.0	321.5	0.1	7.4	40.2	61.
24.2	64.0	7098.5	415.0	-23.5	-58.2	243.3	36.7*	32.7	16.5	321.0	321.1	0.0	2.4	41.1	61.
24.6	65.0	7222.6	408.0	-24.6	-65.6	243.9	39.2*	35.2	17.3	321.2	321.2	0.0	1.0	41.8	61.
25.0	66.0	7384.6	399.0	-25.9	-66.5	243.7	42.9*	38.5	19.0	321.5	321.6	0.0	1.0	42.7	61.
25.4	67.0	7512.5	392.0	-27.1	-66.3	242.9	45.7*	40.7	20.8	321.6	321.7	0.0	1.1	44.1	61.
25.9	68.0	7623.5	386.0	-27.8	-63.3	241.9	49.5*	43.7	20.3	322.0	322.1	0.0	1.8	45.3	61.
26.5	69.0	7735.8	380.0	-29.0	-63.5	241.3	57.4*	50.4	27.6	321.9	322.0	0.0	2.0	47.1	61.
26.9	70.0	7868.5	373.0	-30.1	-63.8	241.1	62.5*	54.8	30.2	322.2	322.3	0.0	2.1	48.7	61.
27.4	71.0	8022.5	365.0	-31.2	-64.1	240.8	63.8*	55.7	31.1	322.6	322.7	0.0	2.3	50.7	61.
27.8	72.0	8139.6	359.0	-32.6	-61.6	240.4	60.2*	52.3	29.7	322.4	322.5	0.0	3.7	52.4	61.
28.2	73.0	8258.3	353.0	-33.0	-61.8	240.1	54.9*	47.6	27.4	323.4	323.5	0.0	3.7	53.8	61.
28.8	74.0	8378.7	347.0	-34.0	-62.2	240.3	47.5*	41.2	25.5	323.6	323.7	0.0	3.9	55.4	61.
29.2	75.0	8500.5	341.0	-35.2	-62.8	240.7	44.6*	38.9	21.8	323.6	323.7	0.0	4.0	56.6	61.
29.7	76.0	8624.0	335.0	-36.1	-63.3	240.9	47.1*	41.2	22.9	324.0	324.1	0.0	4.2	57.8	61.
30.3	77.0	8749.3	329.0	-36.9	-56.5	240.2	62.9*	54.5	31.2	324.6	324.8	0.1	10.9	59.2	61.
30.7	78.0	8876.4	323.0	-38.0	-49.6	239.2	73.5*	63.2	37.6	324.8	325.3	0.1	27.3	61.2	61.
31.0	79.0	9005.3	317.0	-38.8	-47.0	238.3	79.4*	67.5	41.7	325.5	326.0	0.2	37.4	63.3	61.
31.4	80.0	9114.2	312.0	-39.7	-48.2	236.7	77.6*	64.8	42.7	325.6	326.2	0.1	39.6	64.7	61.
31.9	81.0	9269.1	305.0	-40.7	99.9	234.8	70.7*	57.7	40.7	326.5	999.9	99.9	999.9	67.2	61.
32.4	82.0	9404.1	299.0	-41.8	99.9	233.0	62.0*	49.6	37.3	326.8	999.9	99.9	999.9	69.2	61.
32.7	83.0	9518.0	294.0	-43.0	99.9	231.6	57.5*	45.1	35.8	326.7	999.9	99.9	999.9	70.0	60.
33.1	84.0	9633.4	289.0	-44.1	99.9	229.0	52.0*	39.3	34.1	326.7	999.9	99.9	999.9	71.2	60.
33.4	85.0	9773.8	283.0	-45.2	99.9	226.3	47.8*	34.5	33.0	327.0	999.9	99.9	999.9	72.5	60.
34.1	86.0	9916.4	277.0	-46.6	99.9	220.7	42.2*	27.5	32.0	327.0	999.9	99.9	999.9	73.8	60.
34.7	87.0	10037.1	272.0	-47.2	99.9	220.0	44.3*	28.5	33.9	327.9	999.9	99.9	999.9	75.2	59.
35.1	88.0	10184.3	266.0	-48.7	99.9	219.2	44.6*	28.2	34.6	327.9	999.9	99.9	999.9	76.7	59.
35.6	89.0	10308.8	261.0	-49.4	99.9	216.0	41.9*	24.6	35.9	328.6	999.9	99.9	999.9	77.6	59.
36.0	90.0	10435.4	256.0	-50.1	99.9	213.3	40.8*	22.4	34.1	329.3	999.9	99.9	999.9	78.5	58.
36.4	91.0	10538.1	252.0	-51.0	99.9	214.0	45.1*	25.2	37.4	329.5	999.9	99.9	999.9	79.3	58.
36.8	92.0	10668.2	247.0	-52.1	99.9	215.9	50.4*	29.6	40.8	329.8	999.9	99.9	999.9	80.2	58.
37.2	93.0	10800.2	242.0	-53.5	99.9	216.9	53.2*	32.0	42.5	329.6	999.9	99.9	999.9	81.6	57.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
1800 GMT

166 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
37.5	94.0	10907.2	238.0	-54.2	99.9	216.9	53.1*	31.9	42.5	330.0	999.9	99.9	999.9	83.0	57.
37.9	95.0	11043.0	233.0	-55.4	99.9	213.6	47.2*	26.2	39.3	330.4	999.9	99.9	999.9	83.9	57.
38.5	96.0	11208.8	227.0	-57.1	99.9	208.1	39.4*	18.6	34.8	330.1	999.9	99.9	999.9	85.1	56.
38.9	97.0	11321.0	223.0	-58.3	99.9	208.6	38.5*	18.4	33.8	330.0	999.9	99.9	999.9	85.9	56.
39.4	98.0	11434.6	219.0	-59.3	99.9	214.1	44.3*	24.8	36.7	330.1	999.9	99.9	999.9	86.8	56.
39.8	99.0	11549.9	215.0	-59.7	99.9	219.6	55.3*	35.2	42.6	331.4	999.9	99.9	999.9	87.7	56.
40.2	100.0	11696.8	210.0	-60.5	99.9	223.1	64.6*	44.2	47.2	332.2	999.9	99.9	999.9	89.1	55.
40.7	101.0	11846.5	205.0	-61.6	99.9	225.3	64.3*	45.7	45.2	332.9	999.9	99.9	999.9	91.9	55.
41.1	102.0	11968.3	201.0	-62.5	99.9	225.8	55.6*	39.9	38.8	333.3	999.9	99.9	999.9	93.9	55.
41.6	103.0	12092.1	197.0	-63.2	99.9	225.9	50.7*	36.4	35.3	334.1	999.9	99.9	999.9	94.0	55.
42.0	104.0	12218.0	193.0	-64.2	99.9	226.0	57.4*	41.3	35.8	334.5	999.9	99.9	999.9	94.8	55.
42.5	105.0	12345.8	189.0	-65.3	99.9	225.4	63.0*	44.9	44.3	334.7	999.9	99.9	999.9	98.3	54.
43.0	106.0	12476.0	185.0	-65.3	99.9	225.9	64.3*	46.2	44.7	336.7	999.9	99.9	999.9	99.3	54.
43.4	107.0	12610.0	181.0	-62.3	99.9	228.5	73.0*	54.7	48.4	343.7	999.9	99.9	999.9	100.3	54.
43.9	108.0	12748.7	177.0	-60.2	99.9	231.1	87.2*	67.9	54.8	349.5	999.9	99.9	999.9	103.5	54.
44.4	109.0	12855.5	174.0	-59.5	99.9	232.5	101.5**	80.5	61.7	352.3	999.9	99.9	999.9	106.1	54.
44.9	110.0	13001.0	170.0	-59.7	99.9	233.4	112.4**	90.2	67.0	354.4	999.9	99.9	999.9	108.7	54.
45.4	111.0	13149.9	166.0	-59.7	99.9	233.7	110.4**	89.0	65.3	356.8	999.9	99.9	999.9	113.9	54.
45.9	112.0	13302.2	162.0	-60.2	99.9	233.5	101.9**	81.9	60.7	358.4	999.9	99.9	999.9	116.1	54.
46.4	113.0	13418.7	159.0	-60.5	99.9	232.8	100.0**	79.7	60.4	359.7	999.9	99.9	999.9	118.4	54.
46.9	114.0	13577.1	155.0	-61.4	99.9	232.6	95.3**	75.7	57.9	360.9	999.9	99.9	999.9	122.9	54.
47.3	115.0	13698.1	152.0	-62.1	99.9	232.9	83.9**	66.9	50.7	361.7	999.9	99.9	999.9	124.5	54.
48.0	116.0	13862.7	148.0	-62.7	99.9	233.7	59.5**	48.0	35.2	363.5	999.9	99.9	999.9	127.8	54.
48.4	117.0	13988.8	145.0	-63.2	99.9	233.9	48.6**	39.2	24.7	364.7	999.9	99.9	999.9	128.8	54.
49.0	118.0	14117.4	142.0	-63.1	99.9	234.2	39.9**	32.4	23.3	367.2	999.9	99.9	999.9	130.0	54.
49.5	119.0	14248.9	139.0	-62.5	99.9	236.3	40.6**	33.7	22.5	370.4	999.9	99.9	999.9	131.1	54.
49.9	120.0	14429.2	135.0	-62.3	99.9	240.2	40.3**	35.0	20.0	373.8	999.9	99.9	999.9	132.4	54.
50.4	121.0	14521.3	133.0	-62.7	99.9	245.8	38.7**	35.3	15.9	374.8	999.9	99.9	999.9	133.4	54.
50.9	122.0	14661.8	130.0	-62.9	99.9	247.4	38.3**	35.4	14.7	376.9	999.9	99.9	999.9	134.5	54.
51.5	123.0	14805.5	127.0	-63.2	99.9	243.7	40.4**	36.2	17.9	378.7	999.9	99.9	999.9	135.7	54.
51.9	124.0	14952.2	124.0	-64.0	99.9	242.5	41.3**	36.6	19.0	380.0	999.9	99.9	999.9	136.9	54.
52.4	125.0	15102.2	121.0	-64.2	99.9	243.4	40.7**	36.4	15.2	382.3	999.9	99.9	999.9	138.2	54.
53.0	126.0	15256.0	118.0	-63.8	99.9	244.0	40.0**	36.0	17.5	385.0	999.9	99.9	999.9	139.5	54.
53.6	127.0	15414.0	115.0	-63.6	99.9	242.4	41.0**	36.4	19.0	389.0	999.9	99.9	999.9	140.9	55.
54.0	128.0	15575.9	112.0	-64.4	99.9	242.5	41.5**	36.8	19.2	390.5	999.9	99.9	999.9	142.2	55.
54.5	129.0	15686.0	110.0	-64.9	99.9	244.0	42.1**	37.9	18.5	391.4	999.9	99.9	999.9	143.1	55.
55.0	130.0	15854.4	107.0	-65.5	99.9	244.0	42.8**	38.5	18.8	393.4	999.9	99.9	999.9	144.5	55.
55.5	131.0	16026.9	104.0	-66.5	99.9	242.4	42.2**	37.4	19.6	394.8	999.9	99.9	999.9	145.9	55.
56.0	132.0	16144.1	102.0	-67.7	99.9	240.9	41.2**	36.0	20.1	394.6	999.9	99.9	999.9	146.9	55.
56.5	133.0	16323.3	99.0	-68.8	99.9	239.1	41.0**	35.2	21.1	396.0	999.9	99.9	999.9	148.3	55.
57.0	134.0	16445.3	97.0	-69.4	99.9	237.3	40.0**	33.6	21.6	397.1	999.9	99.9	999.9	149.3	55.
57.5	135.0	16632.3	94.0	-70.3	99.9	237.5	37.0**	31.2	19.8	399.0	999.9	99.9	999.9	150.8	55.
58.2	136.0	16760.1	92.0	-70.3	99.9	239.5	35.7**	30.8	18.1	401.4	999.9	99.9	999.9	152.0	55.
58.9	137.0	16957.8	89.0	-69.0	99.9	237.4	41.7**	35.1	22.5	407.8	999.9	99.9	999.9	153.5	55.
59.5	138.0	17164.0	86.0	-66.7	99.9	235.4	54.2**	44.6	30.8	416.4	999.9	99.9	999.9	155.2	55.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
1800 GMT

166 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.0	139.0	17306.6	84.0	-65.7	99.9	235.1	72.8**	59.7	41.7	421.3	999.9	99.9	999.9	156.3	55.
60.7	140.0	17527.0	81.0	-66.7	99.9	235.1	109.5**	89.8	67.6	423.6	999.9	99.9	999.9	160.6	55.
61.2	141.0	17754.3	78.0	-68.4	99.9	235.1	128.0**	105.0	73.2	424.8	999.9	99.9	999.9	164.1	55.
61.7	142.0	17909.9	76.0	-69.2	99.9	235.1	123.2**	101.0	70.5	426.2	999.9	99.9	999.9	169.5	55.
62.3	143.0	18149.8	73.0	-70.3	99.9	235.1	95.7**	78.5	54.7	428.9	999.9	99.9	999.9	172.8	55.
63.1	144.0	18314.4	71.0	-71.4	99.9	235.1	64.7**	53.1	37.0	429.9	999.9	99.9	999.9	177.0	55.
63.9	145.0	18570.2	68.0	-70.5	99.9	235.1	40.8**	33.4	23.3	437.2	999.9	99.9	999.9	179.0	55.
64.8	146.0	18748.2	66.0	-68.6	99.9	235.1	37.1**	30.4	21.2	445.2	999.9	99.9	999.9	180.7	55.
65.5	147.0	18932.5	64.0	-68.8	99.9	235.1	46.1**	37.8	26.4	448.6	999.9	99.9	999.9	182.2	55.
66.1	148.0	19221.0	61.0	-67.3	99.9	235.1	46.3**	37.9	26.5	458.1	999.9	99.9	999.9	184.5	55.
66.9	149.0	19422.9	59.0	-65.3	99.9	235.1	38.2**	31.3	21.9	466.9	999.9	99.9	999.9	186.3	55.
67.8	150.0	19633.1	57.0	-64.8	99.9	236.7	41.7**	34.8	22.9	472.9	999.9	99.9	999.9	188.2	55.
68.7	151.0	19962.3	54.0	-65.9	99.9	259.8	10.3**	10.2	1.8	477.5	999.9	99.9	999.9	190.8	55.
69.4	152.0	20191.6	52.0	-65.5	99.9	52.1	93.7**	-74.0	-57.5	483.6	999.9	99.9	999.9	192.7	55.
70.2	153.0	20429.7	50.0	-66.1	99.9	53.0	97.1**	-77.6	-58.4	487.7	999.9	99.9	999.9	180.3	55.
71.0	154.0	20677.9	48.0	-65.1	99.9	248.9	17.1**	15.9	6.2	495.8	999.9	99.9	999.9	180.7	55.
72.1	155.0	21072.9	45.0	-63.2	99.9	244.1	35.9**	32.3	15.7	509.6	999.9	99.9	999.9	183.7	55.
73.2	156.0	21352.4	43.0	-63.2	99.9	286.1	8.9**	8.5	-2.5	516.3	999.9	99.9	999.9	185.0	56.
74.0	157.0	21645.8	41.0	-62.5	99.9	23.9	10.2**	-4.1	-9.3	525.2	999.9	99.9	999.9	185.6	56.
74.9	158.0	21953.8	39.0	-63.2	99.9	31.3	12.9**	-6.7	-11.0	530.9	999.9	99.9	999.9	183.5	56.
76.0	159.0	22277.5	37.0	-63.2	99.9	267.1	19.5**	19.5	1.0	538.9	999.9	99.9	999.9	183.0	56.
77.2	160.0	22797.8	34.0	-62.9	99.9	245.4	46.0*	41.8	15.1	553.1	999.9	99.9	999.9	186.7	56.
78.3	161.0	23173.0	32.0	-60.9	99.9	253.8	32.9*	31.6	5.2	568.1	999.9	99.9	999.9	189.5	56.
79.6	162.0	23575.3	30.0	-59.8	99.9	258.1	18.8*	18.4	3.9	581.5	999.9	99.9	999.9	190.1	56.
81.4	163.0	24235.9	27.0	-58.3	99.9	237.5	41.0*	34.6	22.1	603.6	999.9	99.9	999.9	194.7	57.
82.9	164.0	24719.9	25.0	-58.6	99.9	236.6	38.3*	32.0	21.1	616.1	999.9	99.9	999.9	198.2	57.
84.5	165.0	25242.5	23.0	-59.7	99.9	236.6	47.3*	39.5	26.0	627.9	999.9	99.9	999.9	201.9	57.
86.2	166.0	26119.6	20.0	-58.1	99.9	43.7	4.3*	-2.9	-3.1	658.2	999.9	99.9	999.9	204.4	57.
88.0	167.0	26785.5	18.0	-56.7	99.9	307.0	3.9*	3.1	-2.4	683.1	999.9	99.9	999.9	202.6	57.
90.2	168.0	27536.6	16.0	-54.2	99.9	237.1	47.6*	40.0	25.9	714.3	999.9	99.9	999.9	207.8	57.
92.9	169.0	28878.7	13.0	-50.7	99.9	999.9	99.9	99.9	99.9	770.2	999.9	99.9	999.9	999.9	999.

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
2100 GMT

148 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.9	11.0	1011.2	16.6	14.4	260.0	1.0	1.0	0.2	290.2	316.7	10.3	87.0	0.0	0.
0.3	4.0	21.1	1010.0	15.1	11.0	999.9	99.9	99.9	99.9	288.6	311.1	8.7	81.4	999.9	999.
0.6	5.0	131.0	997.0	14.7	10.8	999.9	99.9	99.9	99.9	289.2	310.4	8.2	77.2	999.9	999.
1.0	6.0	267.9	981.0	14.1	9.3	999.9	99.9	99.9	99.9	289.8	309.5	7.5	72.5	999.9	999.
1.4	7.0	380.6	968.0	14.5	3.4	999.9	99.9	99.9	99.9	291.0	304.6	5.1	47.2	999.9	999.
1.8	8.0	494.8	955.0	14.1	2.6	306.4	9.4	7.5	-5.6	291.7	305.0	4.9	46.4	0.7	120.
2.1	9.0	610.3	942.0	13.4	2.0	303.4	11.0	9.2	-6.1	292.1	304.9	4.7	46.2	0.9	121.
2.6	10.0	718.2	930.0	13.2	2.5	296.1	11.3	10.2	-5.0	293.0	306.7	4.1	49.5	1.2	121.
3.2	11.0	855.0	915.0	13.2	3.8	286.8	11.7	11.2	-3.4	294.4	309.4	3.5	53.1	1.7	118.
3.6	12.0	966.0	903.0	12.6	3.0	283.5	11.9	11.6	-2.8	294.9	309.3	5.3	52.0	1.9	116.
4.0	13.0	1087.5	890.0	11.5	0.9	281.3	12.5	12.2	-2.4	294.9	307.5	4.6	48.2	2.2	115.
4.4	14.0	1200.7	878.0	10.7	-6.3	279.7	12.5	12.3	-2.1	295.0	302.7	2.7	29.6	2.5	113.
4.8	15.0	1315.3	866.0	10.5	-4.6	275.9	12.4	12.3	-1.3	296.0	304.8	3.1	33.6	2.8	111.
5.3	16.0	1450.8	852.0	9.6	-4.2	267.2	12.9	12.9	0.6	296.5	305.7	3.3	37.1	3.2	109.
5.7	17.0	1568.5	840.0	8.9	5.2	261.2	14.3	14.1	2.2	297.3	315.5	6.7	77.9	3.4	107.
6.1	18.0	1677.8	829.0	8.7	8.2	257.6	16.2	15.8	3.5	298.5	320.8	8.3	96.4	3.8	104.
6.5	19.0	1798.7	817.0	8.0	7.6	253.7	17.7	17.0	5.0	298.9	320.7	8.0	97.0	4.1	102.
6.9	20.0	1910.6	806.0	7.1	6.0	252.0	17.0	16.2	5.3	299.1	319.0	7.3	92.5	4.5	99.
7.5	21.0	2044.7	793.0	7.0	5.2	255.2	19.6	19.0	5.0	300.2	319.5	7.0	88.4	5.0	96.
7.8	22.0	2159.6	782.0	6.4	4.4	255.1	20.7	20.0	5.3	300.8	319.3	6.7	86.5	5.4	95.
8.2	23.0	2286.7	770.0	5.9	4.2	254.0	21.9	21.1	6.0	301.6	320.3	6.8	88.9	6.0	93.
8.6	24.0	2393.8	760.0	5.1	3.9	251.9	22.8	21.7	7.1	301.8	320.4	6.7	92.4	6.4	92.
9.0	25.0	2512.9	749.0	4.0	3.3	249.1	23.3	21.8	8.3	301.9	320.0	6.5	95.0	7.0	90.
9.4	26.0	2655.4	736.0	3.4	3.2	246.0	23.6	21.5	9.6	302.7	321.0	6.6	98.9	7.5	88.
9.9	27.0	2777.6	725.0	2.2	2.0	243.3	24.1	21.6	10.8	302.7	319.8	6.1	98.7	8.2	86.
10.3	28.0	2889.9	715.0	1.7	1.5	242.7	24.6	21.8	11.3	303.3	320.2	6.0	98.6	8.7	84.
10.7	29.0	3015.0	704.0	0.9	0.7	242.6	24.6	21.9	11.3	303.7	319.9	5.7	98.5	9.3	83.
11.1	30.0	3141.8	693.0	0.4	0.2	242.8	24.3	21.6	11.1	304.6	320.5	5.6	98.4	9.9	82.
11.6	31.0	3258.5	683.0	-0.2	-0.4	243.0	24.0	21.3	10.9	305.1	320.6	5.4	98.3	10.5	81.
12.0	32.0	3376.7	673.0	-0.7	-0.9	243.4	24.5	21.9	10.9	305.8	321.0	5.3	98.2	11.0	80.
12.4	33.0	3496.5	663.0	-1.2	-1.4	243.6	25.7	23.0	11.4	306.6	321.6	5.2	98.2	11.6	79.
12.8	34.0	3617.7	653.0	-1.9	-2.2	242.8	26.6	23.7	12.2	307.0	321.4	5.0	98.0	12.2	78.
13.1	35.0	3740.6	643.0	-2.4	-2.7	241.8	27.1	23.9	12.8	307.8	322.0	4.9	98.0	12.7	78.
13.6	36.0	3902.8	630.0	-3.2	-3.5	240.0	27.5	23.8	13.7	308.7	322.4	4.7	97.8	13.5	77.
14.1	37.0	4029.6	620.0	-3.5	-3.8	239.4	28.8	24.8	14.7	309.8	323.4	4.7	97.8	14.2	76.
14.5	38.0	4158.1	610.0	-5.0	-5.2	239.6	30.6	26.4	15.5	309.4	321.8	4.2	97.5	15.0	75.
15.0	39.0	4275.0	601.0	-5.5	-5.8	239.8	33.0	28.5	16.6	310.2	322.4	4.1	97.5	15.8	74.
15.5	40.0	4393.3	592.0	-6.6	-12.7	239.7	34.0	29.3	17.1	309.9	317.3	2.4	61.7	17.0	73.
16.1	41.0	4552.9	580.0	-8.3	-16.7	241.0	33.8	29.5	16.4	309.7	315.3	1.8	50.5	18.1	72.
16.6	42.0	4674.2	571.0	-8.8	-14.4	243.0	34.1	30.4	15.5	310.5	317.2	2.2	64.1	19.1	72.
17.1	43.0	4797.5	562.0	-8.6	-11.1	244.6	35.3	31.9	15.1	312.3	321.2	2.9	81.6	20.1	71.
17.5	44.0	4936.6	552.0	-9.4	-14.4	245.2	36.2	32.9	15.2	312.8	319.9	2.3	67.1	21.0	71.
18.0	45.0	5063.3	543.0	-11.2	-15.6	244.6	36.3	32.8	15.6	312.2	318.7	2.1	69.3	22.0	71.
18.4	46.0	5177.4	535.0	-11.0	-14.6	243.7	35.6	31.9	15.7	313.7	320.9	2.3	74.5	23.0	70.
18.9	47.0	5307.1	526.0	-13.7	-34.3	243.0	34.8	31.0	15.8	311.8	313.1	0.4	15.5	24.0	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

3 FEBRUARY 1975  
2100 GMT

148 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.4	48.0	5437.9	517.0	-15.2	-43.4	243.0	35.3	31.4	16.0	311.5	312.0	0.2	6.8	25.0	70.
19.9	49.0	5570.4	508.0	-15.9	-45.4	243.4	37.0	33.1	16.6	312.2	312.6	0.1	5.8	26.0	70.
20.3	50.0	5689.9	500.0	-16.5	-45.7	243.9	37.8	33.9	16.6	312.9	313.4	0.1	5.9	26.9	69.
20.8	51.0	5856.9	489.0	-17.3	-46.1	244.7	37.2	33.6	15.9	313.9	314.4	0.1	6.0	28.2	69.
21.3	52.0	5995.9	480.0	-18.0	-49.4	245.2	35.8	32.5	15.0	314.7	315.1	0.1	4.4	29.2	69.
21.7	53.0	6121.4	472.0	-18.5	-50.8	244.9	35.7	32.3	15.2	315.6	315.9	0.1	3.9	30.0	69.
22.2	54.0	6248.8	464.0	-19.2	-44.5	244.0	36.6	32.9	16.0	316.3	316.9	0.2	8.5	31.1	69.
22.6	55.0	6378.0	456.0	-19.9	-47.6	243.4	37.0	33.1	16.5	317.0	317.4	0.1	6.4	32.1	69.
23.1	56.0	6542.2	446.0	-20.8	-51.7	242.9	36.6	32.6	16.7	317.8	318.1	0.1	4.3	33.1	68.
23.7	57.0	6675.9	438.0	-21.2	-63.4	241.9	36.7	32.4	17.3	319.0	319.0	0.0	1.0	34.4	68.
24.1	58.0	6794.6	431.0	-22.0	-64.0	241.2	37.6	32.9	18.1	319.4	319.5	0.0	1.0	35.3	68.
24.5	59.0	6932.2	423.0	-22.7	-64.4	240.8	39.1	34.2	19.1	320.3	320.3	0.0	1.0	36.0	68.
25.1	60.0	7072.0	415.0	-23.9	-65.2	241.1	39.9	34.9	19.3	320.5	320.5	0.0	1.0	37.6	68.
25.5	61.0	7196.0	408.0	-24.7	-65.7	241.3	38.2	33.5	18.4	321.0	321.1	0.0	1.0	38.8	67.
26.0	62.0	7340.0	400.0	-25.2	-66.0	241.1	35.7	31.2	17.2	322.1	322.2	0.0	1.0	39.6	67.
26.5	63.0	7468.0	393.0	-26.0	-66.6	241.3	35.2*	30.9	16.9	322.7	322.8	0.0	1.0	40.7	67.
27.0	64.0	7616.5	385.0	-27.2	-67.3	242.5	34.3*	30.5	15.9	323.1	323.1	0.0	1.0	41.9	67.
27.6	65.0	7748.4	378.0	-28.3	-68.0	244.2	32.8*	29.5	14.3	323.4	323.4	0.0	1.0	43.0	67.
28.2	66.0	7901.5	370.0	-29.3	-68.7	245.2	33.5*	30.4	14.1	323.9	324.0	0.0	1.0	44.1	67.
28.6	67.0	8057.2	362.0	-30.5	-69.5	245.1	34.6*	31.4	14.6	324.4	324.4	0.0	1.0	45.0	67.
29.1	68.0	8175.7	356.0	-31.7	-70.3	243.9	35.7*	32.1	15.7	324.3	324.3	0.0	1.0	45.9	67.
29.5	69.0	8315.8	349.0	-32.8	-71.0	242.4	36.1*	32.0	16.7	324.7	324.7	0.0	1.0	47.0	67.
29.9	70.0	8458.1	342.0	-34.0	-71.8	241.1	36.5*	32.0	17.6	325.0	325.0	0.0	1.0	47.8	67.
30.4	71.0	8623.5	334.0	-35.2	-72.6	240.1	38.3*	33.2	19.1	325.5	325.5	0.0	1.0	48.7	66.
30.8	72.0	8770.8	327.0	-36.1	-65.4	239.1	39.3*	33.7	20.2	326.2	326.3	0.0	3.1	49.7	66.
31.3	73.0	8899.2	321.0	-37.0	-62.5	236.9	37.8*	31.6	20.6	326.8	326.9	0.0	5.0	51.1	66.
31.8	74.0	9051.3	314.0	-38.2	-60.5	234.0	34.3*	27.7	20.1	327.2	327.3	0.0	7.4	52.1	66.
32.2	75.0	9183.8	308.0	-39.3	-59.2	232.5	33.0*	26.2	20.1	327.4	327.6	0.0	9.8	52.8	66.
32.7	76.0	9318.1	302.0	-40.8	99.9	232.3	34.8*	27.5	21.3	327.3	999.9	99.9	999.9	53.6	65.
33.1	77.0	9454.3	296.0	-42.2	99.9	232.3	37.2*	29.5	22.8	327.2	999.9	99.9	999.9	54.5	65.
33.6	78.0	9615.8	289.0	-43.5	99.9	230.4	38.2*	29.4	24.3	327.6	999.9	99.9	999.9	55.8	65.
34.0	79.0	9756.6	283.0	-44.6	99.9	227.3	37.1*	27.2	25.2	327.9	999.9	99.9	999.9	56.6	65.
34.4	80.0	9899.7	277.0	-45.6	99.9	223.6	36.3*	25.1	26.3	328.5	999.9	99.9	999.9	57.4	64.
34.9	81.0	10069.6	270.0	-47.4	99.9	220.7	37.4*	24.4	28.4	328.3	999.9	99.9	999.9	58.4	64.
35.3	82.0	10217.9	264.0	-48.6	99.9	219.9	39.0*	25.0	29.9	328.7	999.9	99.9	999.9	59.2	64.
35.8	83.0	10343.4	259.0	-49.5	99.9	219.3	39.3*	24.9	30.4	329.2	999.9	99.9	999.9	60.4	63.
36.2	84.0	10496.6	253.0	-50.5	99.9	219.0	37.5*	23.1	29.5	329.8	999.9	99.9	999.9	61.4	63.
36.7	85.0	10626.4	248.0	-51.6	99.9	215.6	34.8*	20.3	28.3	330.1	999.9	99.9	999.9	62.2	62.
37.3	86.0	10811.6	241.0	-53.1	99.9	214.2	35.3*	19.8	29.2	330.7	999.9	99.9	999.9	63.2	62.
37.7	87.0	10946.4	236.0	-54.2	99.9	214.5	37.4*	21.2	30.8	330.9	999.9	99.9	999.9	63.9	62.
38.2	88.0	11083.2	231.0	-55.8	99.9	214.4	39.2*	22.2	32.3	330.5	999.9	99.9	999.9	65.0	61.
38.8	89.0	11250.2	225.0	-57.4	99.9	212.1	36.8*	19.6	31.1	330.6	999.9	99.9	999.9	66.4	60.
39.2	90.0	11391.9	220.0	-58.4	99.9	210.4	33.9*	17.2	29.3	331.2	999.9	99.9	999.9	67.1	60.
39.7	91.0	11506.9	216.0	-60.0	99.9	209.5	31.7*	15.6	27.6	330.4	999.9	99.9	999.9	67.9	60.
40.2	92.0	11652.8	211.0	-60.9	99.9	210.7	31.6*	16.1	27.2	331.2	999.9	99.9	999.9	68.7	59.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
2100 GMT

148 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
40.7	93.0	11801.6	206.0	-61.8	99.9	212.7	33.7*	18.2	20.3	332.0	999.9	99.9	999.9	69.5	59.
41.2	94.0	11953.0	201.0	-63.5	99.9	214.9	37.3*	21.4	30.6	331.7	999.9	99.9	999.9	70.4	59.
41.6	95.0	12076.1	197.0	-64.7	99.9	216.4	39.6*	23.5	31.9	331.7	999.9	99.9	999.9	71.2	58.
42.2	96.0	12265.4	191.0	-63.7	99.9	219.0	39.3*	24.7	30.5	336.2	999.9	99.9	999.9	72.9	58.
42.7	97.0	12395.5	187.0	-62.8	99.9	222.9	40.6*	27.7	29.8	339.8	999.9	99.9	999.9	73.7	58.
43.2	98.0	12563.3	182.0	-60.7	99.9	227.3	47.6*	35.0	32.3	345.8	999.9	99.9	999.9	74.9	57.
43.7	99.0	12701.8	178.0	-60.0	99.9	229.6	57.3*	43.7	37.1	349.2	999.9	99.9	999.9	76.5	57.
44.3	100.0	12843.8	174.0	-60.0	99.9	230.0	66.1*	50.7	42.5	351.5	999.9	99.9	999.9	78.9	57.
44.9	101.0	13025.6	169.0	-60.4	99.9	229.9	69.6*	53.2	44.9	353.8	999.9	99.9	999.9	81.2	57.
45.6	102.0	13175.1	165.0	-60.0	99.9	230.7	68.1*	52.7	43.1	356.9	999.9	99.9	999.9	84.4	57.
46.1	103.0	13328.1	161.0	-60.5	99.9	231.5	66.1*	51.7	41.1	358.5	999.9	99.9	999.9	86.2	56.
46.6	104.0	13484.6	157.0	-61.1	99.9	232.0	64.1*	50.5	39.5	360.1	999.9	99.9	999.9	88.2	56.
47.1	105.0	13644.7	153.0	-61.6	99.9	232.5	58.9*	46.8	35.9	361.8	999.9	99.9	999.9	90.2	56.
47.6	106.0	13808.6	149.0	-62.2	99.9	233.6	50.2*	40.4	29.8	363.6	999.9	99.9	999.9	92.0	56.
48.1	107.0	13976.2	145.0	-63.5	99.9	235.2	44.6*	36.6	25.4	364.1	999.9	99.9	999.9	93.1	56.
48.6	108.0	14104.4	142.0	-64.1	99.9	236.0	43.4*	36.0	24.2	365.3	999.9	99.9	999.9	94.2	56.
49.1	109.0	14279.2	138.0	-64.5	99.9	236.2	39.2*	32.6	21.8	367.6	999.9	99.9	999.9	96.1	56.
49.7	110.0	14413.6	135.0	-63.9	99.9	236.2	30.5*	25.4	17.0	371.0	999.9	99.9	999.9	97.0	56.
50.5	111.0	14598.0	131.0	-63.9	99.9	236.6	27.8*	23.2	15.3	374.2	999.9	99.9	999.9	98.1	56.
51.1	112.0	14787.8	127.0	-64.3	99.9	239.4	31.8*	27.4	16.2	376.8	999.9	99.9	999.9	99.3	56.
51.7	113.0	14933.5	124.0	-65.9	99.9	242.5	42.8*	37.9	19.8	376.4	999.9	99.9	999.9	100.3	56.
52.2	114.0	15081.8	121.0	-66.8	99.9	243.0	54.6*	48.7	24.8	377.6	999.9	99.9	999.9	101.7	56.
52.7	115.0	15233.4	118.0	-67.2	99.9	243.3	58.7*	52.4	26.4	379.5	999.9	99.9	999.9	103.9	56.
53.2	116.0	15442.0	114.0	-66.2	99.9	245.1	51.6*	46.8	21.7	385.2	999.9	99.9	999.9	105.8	57.
53.7	117.0	15603.4	111.0	-66.8	99.9	248.7	41.3*	38.5	15.0	387.0	999.9	99.9	999.9	107.0	57.
54.2	118.0	15769.1	108.0	-66.8	99.9	251.2	35.2*	33.4	11.4	390.0	999.9	99.9	999.9	108.0	57.
54.8	119.0	15939.4	105.0	-66.8	99.9	248.3	36.5*	33.9	13.5	393.2	999.9	99.9	999.9	109.1	57.
55.3	120.0	16055.7	103.0	-66.4	99.9	243.6	46.2*	41.4	20.5	396.2	999.9	99.9	999.9	110.0	57.
55.9	121.0	16234.6	100.0	-66.8	99.9	240.6	59.8*	52.1	29.4	398.7	999.9	99.9	999.9	112.1	57.
56.5	122.0	16418.2	97.0	-67.8	99.9	239.4	61.7*	53.1	31.4	400.1	999.9	99.9	999.9	114.9	57.
57.0	123.0	16606.6	94.0	-69.2	99.9	238.4	55.1*	46.9	28.9	401.2	999.9	99.9	999.9	116.1	57.
57.6	124.0	16734.9	92.0	-69.6	99.9	237.6	44.3*	37.4	23.7	402.7	999.9	99.9	999.9	118.4	57.
58.2	125.0	16932.8	89.0	-69.2	99.9	239.3	34.0*	28.9	17.9	407.5	999.9	99.9	999.9	119.5	57.
58.9	126.0	17068.5	87.0	-69.4	99.9	241.1	30.2*	26.5	14.6	409.7	999.9	99.9	999.9	120.6	57.
59.5	127.0	17277.7	84.0	-69.8	99.9	241.9	30.6*	27.0	14.4	412.9	999.9	99.9	999.9	121.9	57.
60.1	128.0	17421.2	82.0	-70.1	99.9	242.6	30.1*	26.7	13.9	415.3	999.9	99.9	999.9	122.9	57.
60.6	129.0	17567.5	80.0	-71.7	99.9	245.4	30.5*	27.8	12.7	414.9	999.9	99.9	999.9	123.8	57.
61.2	130.0	17717.2	78.0	-70.8	99.9	247.7	32.3*	29.9	12.2	419.8	999.9	99.9	999.9	124.9	58.
61.9	131.0	17951.1	75.0	-68.5	99.9	244.8	32.5*	29.4	13.8	429.3	999.9	99.9	999.9	126.3	58.
62.5	132.0	18113.0	73.0	-68.7	99.9	240.2	31.1*	27.0	15.5	432.2	999.9	99.9	999.9	127.4	58.
63.1	133.0	18279.3	71.0	-68.7	99.9	238.0	30.6*	26.0	16.2	435.6	999.9	99.9	999.9	128.5	58.
63.7	134.0	18450.8	69.0	-67.8	99.9	237.7	30.2*	25.5	16.1	441.1	999.9	99.9	999.9	129.6	58.
64.3	135.0	18627.5	67.0	-68.3	99.9	237.7	29.7*	25.1	15.9	443.9	999.9	99.9	999.9	130.7	58.
65.1	136.0	18810.6	65.0	-65.5	99.9	237.7	32.1*	27.1	17.1	453.7	999.9	99.9	999.9	132.1	58.
65.9	137.0	19097.5	62.0	-66.2	99.9	237.7	47.3*	40.0	25.3	458.5	999.9	99.9	999.9	133.8	58.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEFD MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
2100 GMT

148 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.7	138.0	19295.5	60.0	-67.8	99.9	237.7	76.2*	64.4	40.7	459.1	999.9	99.9	999.9	136.5	58.
67.4	139.0	19499.7	58.0	-67.2	99.9	237.7	67.9*	57.4	36.3	465.0	999.9	99.9	999.9	141.0	58.
68.2	140.0	19712.4	56.0	-65.3	99.9	237.7	38.7*	32.7	20.7	473.9	999.9	99.9	999.9	142.8	58.
69.0	141.0	19933.5	54.0	-65.7	99.9	237.7	33.0*	27.9	17.6	477.9	999.9	99.9	999.9	144.3	58.
69.7	142.0	20162.8	52.0	-65.7	99.9	237.7	34.7*	29.3	18.5	483.1	999.9	99.9	999.9	145.8	58.
70.5	143.0	20401.4	50.0	-65.1	99.9	238.6	34.9*	29.8	18.2	490.0	999.9	99.9	999.9	147.4	58.
71.2	144.0	20649.8	48.0	-65.7	99.9	247.6	22.7*	21.0	8.7	494.3	999.9	99.9	999.9	149.1	58.
71.9	145.0	20908.7	46.0	-65.1	99.9	36.1	18.1*	-10.7	-14.7	501.8	999.9	99.9	999.9	149.3	58.
72.7	146.0	21180.5	44.0	-63.7	99.9	51.3	60.5*	-47.2	-37.8	511.7	999.9	99.9	999.9	147.4	58.
73.7	147.0	21465.5	42.0	-64.3	99.9	329.3	5.7*	2.9	-4.9	517.1	999.9	99.9	999.9	144.2	58.
74.7	148.0	21764.3	40.0	-63.7	99.9	238.2	12.7	10.8	6.7	525.8	999.9	99.9	999.9	145.9	58.
75.7	149.0	21920.2	39.0	-62.2	99.9	999.9	99.9	99.9	99.9	533.5	999.9	99.9	999.9	999.9	999.
76.7	150.0	22246.9	37.0	-60.4	99.9	999.9	99.9	99.9	99.9	546.4	999.9	99.9	999.9	999.9	999.

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
2315 GMT

159 39. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.9	11.0	1011.4	16.7	11.0	250.0	2.1	2.0	0.7	290.0	311.3	8.2	69.0	0.0	0.
0.2	4.0	31.3	1009.0	16.9	10.7	273.5	6.3	6.3	-0.4	290.4	311.3	8.0	66.6	0.1	79.
0.5	5.0	124.7	958.0	16.1	10.1	273.5	6.3	6.3	-0.4	290.5	310.9	7.8	67.7	0.1	79.
0.9	6.0	244.8	934.0	15.1	9.5	276.9	6.6	6.6	-0.8	290.6	310.5	7.6	65.0	0.2	88.
1.2	7.0	340.0	973.0	14.5	8.5	283.9	6.5	6.4	-1.6	290.9	309.8	7.2	67.1	0.4	91.
1.5	8.0	436.2	962.0	14.1	8.3	293.6	6.5	5.9	-2.6	291.4	310.4	7.2	68.1	0.5	94.
2.0	9.0	524.4	952.0	13.7	8.0	314.1	6.8	4.9	-4.7	291.9	310.7	7.1	68.4	0.7	103.
2.4	10.0	622.4	941.0	13.2	7.2	317.6	8.1	5.5	-6.0	292.2	310.3	6.8	67.1	0.8	111.
2.3	11.0	739.4	928.0	12.8	6.4	321.9	8.9	5.5	-7.0	293.0	310.4	6.5	65.2	1.0	116.
3.2	12.0	839.6	917.0	12.2	6.0	324.0	9.8	5.7	-7.9	293.4	310.6	6.4	65.9	1.2	121.
3.6	13.0	931.4	907.0	11.3	5.2	321.7	10.7	6.6	-8.4	293.3	309.7	6.1	66.0	1.4	125.
3.9	14.0	1033.3	896.0	10.5	4.3	315.8	11.5	8.0	-8.2	293.5	309.2	5.8	65.4	1.6	127.
4.2	15.0	1126.8	886.0	10.3	2.6	309.2	11.5	8.9	-7.3	294.2	308.3	5.2	58.5	1.8	128.
4.7	16.0	1249.8	873.0	9.8	-1.0	296.2	11.5	10.3	-5.1	294.7	306.0	4.1	47.1	2.2	127.
5.1	17.0	1345.5	863.0	9.8	-9.7	284.7	11.8	11.4	-3.0	295.4	301.5	2.1	24.2	2.5	125.
5.4	18.0	1442.2	853.0	9.8	-11.8	275.2	11.8	11.8	-1.1	296.3	301.7	1.8	20.4	2.7	123.
5.8	19.0	1539.9	843.0	9.2	-11.9	263.6	12.1	12.0	1.4	296.8	302.1	1.8	21.0	2.9	120.
6.1	20.0	1638.7	833.0	8.7	-2.4	257.9	12.8	12.5	2.7	297.5	308.3	3.9	45.6	3.1	117.
6.6	21.0	1758.3	821.0	7.6	-0.3	257.4	14.5	14.2	3.2	297.7	310.4	4.6	57.1	3.4	113.
6.9	22.0	1859.5	811.0	6.9	0.2	257.5	14.9	14.5	3.2	298.0	311.3	4.8	62.2	3.6	110.
7.3	23.0	1961.5	801.0	6.8	-3.1	258.5	15.8	15.5	7.1	298.7	309.5	3.8	49.5	3.9	107.
7.7	24.0	2054.3	792.0	6.4	-2.8	260.2	17.3	17.1	2.9	299.3	310.4	3.9	51.6	4.3	105.
8.0	25.0	2158.5	782.0	5.7	-2.7	261.5	18.8	18.6	2.8	299.7	311.1	4.0	54.7	4.6	103.
8.4	26.0	2274.4	771.0	5.4	-2.3	260.5	20.7	20.4	3.4	300.6	312.5	4.2	57.6	5.0	102.
8.8	27.0	2381.0	761.0	4.3	-2.6	257.9	22.5	22.0	4.7	300.6	312.3	4.2	60.4	5.5	100.
9.1	28.0	2477.9	752.0	3.7	2.0	255.5	23.6	22.9	5.9	301.1	317.5	5.9	88.5	5.9	98.
9.5	29.0	2586.8	742.0	3.5	3.5	252.0	24.8	23.6	7.7	302.2	320.7	6.7	100.3	6.5	96.
9.9	30.0	2686.0	733.0	3.2	3.2	249.5	25.5	23.9	8.9	302.8	321.2	6.6	100.0	7.0	94.
10.3	31.0	2786.3	724.0	2.5	2.5	247.6	25.8	23.9	9.9	303.2	320.9	6.4	99.9	7.6	92.
10.6	32.0	2887.5	715.0	1.7	1.7	246.3	26.0	23.8	10.4	303.3	320.3	6.1	99.7	8.0	90.
11.1	33.0	2989.7	706.0	0.7	0.6	244.7	26.5	24.0	11.3	303.3	319.3	5.7	99.3	8.7	88.
11.4	34.0	3092.9	697.0	0.7	0.2	244.0	27.2	24.5	11.9	304.4	320.2	5.6	96.4	9.2	87.
11.8	35.0	3197.6	688.0	0.9	-0.2	243.2	28.3	25.2	12.8	305.7	321.3	5.5	92.3	9.7	85.
12.3	36.0	3327.2	677.0	0.4	-1.5	242.0	28.9	25.5	13.5	306.5	321.1	5.1	87.1	10.6	84.
12.5	37.0	3422.6	669.0	-0.4	-1.0	241.5	28.9	25.4	13.8	306.7	321.9	5.3	95.7	11.0	83.
13.1	38.0	3531.0	660.0	-1.5	-2.5	241.3	28.1	24.7	13.5	306.5	320.4	4.8	92.7	11.9	81.
13.5	39.0	3628.1	652.0	-2.3	-3.7	242.4	28.3	25.1	13.1	306.7	319.6	4.5	90.0	12.4	80.
13.9	40.0	3738.5	643.0	-3.4	-4.5	243.6	29.1	26.0	12.9	306.6	319.0	4.3	91.7	13.2	79.
14.4	41.0	3862.4	633.0	-4.6	-5.1	244.8	30.1	27.2	12.8	306.6	318.7	4.2	96.6	14.0	78.
14.8	42.0	3975.2	624.0	-4.7	-7.0	245.9	31.0	28.3	12.7	307.6	318.3	3.6	84.3	14.7	77.
15.2	43.0	4076.7	616.0	-5.5	-11.3	246.9	31.5	29.0	12.4	307.7	315.6	2.6	63.7	15.5	77.
15.5	44.0	4179.2	608.0	-6.1	-17.6	247.6	31.6	29.3	12.0	308.1	312.9	1.6	39.5	16.1	77.
15.9	45.0	4282.8	600.0	-6.5	-19.2	247.6	31.6	29.2	12.0	308.7	313.0	1.4	35.6	16.8	76.
16.3	46.0	4387.7	592.0	-6.8	-20.8	247.4	32.7	30.2	12.6	309.5	313.4	1.2	31.7	17.5	76.
16.7	47.0	4493.8	584.0	-7.0	-22.7	247.2	34.6	31.9	13.4	310.5	313.9	1.0	27.1	18.3	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
2315 GMT

159 39. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
17.0	48.0	4601.3	576.0	-7.6	-17.8	247.2	36.4	33.5	14.1	311.1	316.2	1.6	43.5	19.0	75.
17.3	49.0	4710.0	568.0	-8.5	-24.6	247.2	37.3	34.4	14.4	311.2	314.2	0.9	25.6	19.6	75.
17.8	50.0	4819.9	560.0	-9.3	-26.1	247.5	37.9	35.1	14.5	311.5	314.1	0.8	24.1	20.8	74.
18.2	51.0	4945.1	551.0	-9.5	-27.2	247.9	37.6	34.8	14.1	312.7	315.2	0.7	22.0	21.7	74.
18.5	52.0	5058.0	543.0	-10.1	-27.9	248.4	37.0	34.4	13.6	313.3	315.7	0.7	21.6	22.4	74.
19.0	53.0	5172.4	535.0	-10.2	-30.2	248.5	36.3	33.8	13.3	314.5	316.4	0.6	17.5	23.4	74.
19.5	54.0	5273.8	528.0	-10.5	-32.0	247.3	36.8	34.0	14.2	315.3	317.0	0.5	15.1	24.5	74.
19.9	55.0	5376.3	521.0	-11.3	-33.3	245.5	38.0	34.6	15.8	315.5	317.0	0.4	14.2	25.3	73.
20.4	56.0	5524.8	511.0	-12.1	-34.2	243.4	38.5	34.4	17.3	316.4	317.8	0.4	13.8	26.6	73.
20.9	57.0	5630.2	504.0	-12.6	-36.2	242.5	37.7	33.4	17.4	316.9	318.1	0.3	11.8	27.7	72.
21.2	58.0	5736.8	497.0	-13.0	-36.9	242.8	37.5	33.4	17.1	317.7	318.8	0.3	11.4	28.3	72.
21.6	59.0	5844.8	490.0	-13.5	-37.6	243.8	37.9	34.0	16.8	318.4	319.5	0.3	10.9	29.2	72.
22.1	60.0	5969.8	482.0	-14.4	-38.3	244.8	39.8	36.1	16.9	318.7	319.8	0.3	11.0	30.3	72.
22.5	61.0	6064.7	476.0	-15.0	-38.7	245.1	41.3	37.5	17.4	319.2	320.2	0.3	11.1	31.3	71.
22.8	62.0	6176.6	469.0	-15.7	-39.2	245.1	41.8	37.9	17.6	319.7	320.7	0.3	11.2	32.1	71.
23.3	63.0	6289.8	462.0	-16.6	-39.8	244.9	42.3	38.3	17.9	319.9	320.8	0.3	11.3	33.3	71.
23.6	64.0	6404.3	455.0	-17.3	-40.3	244.7	42.2	38.2	18.1	320.4	321.3	0.2	11.4	34.0	71.
24.0	65.0	6520.4	448.0	-17.7	-40.6	244.0	41.3	37.1	18.1	321.3	322.2	0.2	11.5	35.2	71.
24.4	66.0	6655.0	440.0	-18.8	-41.3	243.0	38.8*	34.5	17.6	321.6	322.4	0.2	11.6	36.2	71.
24.9	67.0	6774.3	433.0	-19.6	-41.9	241.7	35.9*	31.6	17.0	322.0	322.8	0.2	11.7	37.2	70.
25.4	68.0	6877.7	427.0	-20.4	-42.5	241.0	34.9*	30.5	16.9	322.3	323.1	0.2	11.8	38.2	70.
25.8	69.0	6982.3	421.0	-21.4	-43.1	241.3	35.8*	31.4	17.2	322.4	323.1	0.2	11.9	39.1	70.
26.2	70.0	7105.8	414.0	-22.2	-43.7	242.3	38.1*	33.7	17.7	322.9	323.6	0.2	12.0	39.9	70.
26.7	71.0	7248.8	406.0	-23.7	-44.7	244.1	41.4*	37.2	18.1	322.8	323.4	0.2	12.2	41.0	69.
27.1	72.0	7357.4	400.0	-24.7	-45.5	245.2	42.3*	38.4	17.7	322.8	323.4	0.2	12.4	42.2	69.
27.4	73.0	7467.1	394.0	-25.8	-46.3	245.4	40.6*	36.9	16.9	322.8	323.4	0.1	12.5	43.0	69.
27.9	74.0	7578.1	388.0	-26.8	-47.0	245.1	35.8*	32.5	15.1	322.8	323.4	0.1	12.7	44.2	69.
28.3	75.0	7690.3	382.0	-28.0	-47.9	244.6	33.1*	29.9	14.2	322.7	323.2	0.1	12.8	44.8	69.
28.8	76.0	7803.8	376.0	-28.7	-48.4	244.2	31.9*	28.7	13.9	323.3	323.8	0.1	12.9	45.8	69.
29.3	77.0	7918.8	370.0	-29.4	-48.9	243.6	32.4*	29.0	14.4	323.9	324.4	0.1	13.0	46.7	69.
29.7	78.0	8035.3	364.0	-30.3	-49.6	243.0	33.3*	29.6	15.1	324.2	324.6	0.1	13.1	47.5	69.
30.2	79.0	8153.3	358.0	-31.5	-50.4	242.5	34.6*	30.7	15.0	324.1	324.5	0.1	13.3	48.6	69.
30.6	80.0	8272.6	352.0	-32.7	-51.3	242.6	35.5*	31.5	16.3	324.1	324.4	0.1	13.4	49.3	69.
31.2	81.0	8413.8	345.0	-33.9	-52.2	242.5	33.7*	29.9	15.6	324.3	324.6	0.1	13.6	50.8	68.
31.7	82.0	8515.9	340.0	-34.7	-52.8	241.2	30.0*	26.3	14.4	324.6	324.9	0.1	13.7	51.7	68.
32.2	83.0	8640.1	334.0	-35.5	-53.4	240.0	28.6*	24.7	14.3	325.1	325.4	0.1	13.8	52.4	68.
32.7	84.0	8766.1	328.0	-36.3	-54.0	240.8	32.7*	28.6	16.0	325.7	326.0	0.1	13.9	53.2	68.
33.1	85.0	8872.4	323.0	-37.5	-54.9	241.7	30.4*	33.9	18.2	325.5	325.7	0.1	14.1	53.9	68.
33.7	86.0	9023.2	316.0	-38.9	-56.0	242.0	41.8*	36.9	19.6	325.6	325.9	0.1	14.3	55.7	68.
34.2	87.0	9132.3	311.0	-40.1	99.9	241.8	37.7*	33.3	17.8	325.5	999.9	99.9	999.9	57.2	68.
34.8	88.0	9265.1	305.0	-40.9	99.9	242.5	35.5*	31.5	16.4	326.1	999.9	99.9	999.9	58.0	68.
35.3	89.0	9377.3	300.0	-41.6	99.9	242.4	39.0*	34.6	18.1	326.7	999.9	99.9	999.9	59.1	67.
35.7	90.0	9491.1	295.0	-42.3	99.9	241.2	40.3*	35.3	19.4	327.3	999.9	99.9	999.9	60.3	67.
36.1	91.0	9606.5	290.0	-43.2	99.9	239.7	38.2*	32.6	19.8	327.7	999.9	99.9	999.9	61.4	67.
36.5	92.0	9723.4	285.0	-44.3	99.9	234.9	33.4*	27.4	19.3	327.7	999.9	99.9	999.9	62.1	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
2315 GMT

159 39. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.9	93.0	9841.7	280.0	-45.3	99.9	231.0	30.6*	23.8	19.2	327.9	999.9	99.9	999.9	62.8	67.
37.4	94.0	9961.8	275.0	-46.2	99.9	229.2	31.7*	23.7	21.1	328.4	999.9	99.9	999.9	63.6	67.
37.9	95.0	10083.5	270.0	-47.2	99.9	228.2	38.2*	28.5	25.5	328.6	999.9	99.9	999.9	64.3	66.
38.5	96.0	10231.8	264.0	-48.5	99.9	228.2	47.5*	35.5	31.7	328.8	999.9	99.9	999.9	66.0	66.
39.0	97.0	10357.4	259.0	-49.3	99.9	227.1	51.2*	37.5	34.8	329.5	999.9	99.9	999.9	67.5	66.
39.5	98.0	10459.2	255.0	-50.5	99.9	226.4	51.7*	37.4	35.7	329.1	999.9	99.9	999.9	68.9	65.
40.1	99.0	10587.9	250.0	-51.9	99.9	226.4	51.0*	37.0	35.2	328.9	999.9	99.9	999.9	70.7	65.
40.7	100.0	10692.3	246.0	-52.5	99.9	224.5	47.0*	32.9	33.6	329.5	999.9	99.9	999.9	72.5	64.
41.2	101.0	10851.5	240.0	-53.5	99.9	220.2	41.4*	26.7	31.6	330.4	999.9	99.9	999.9	73.8	64.
41.7	102.0	10959.5	236.0	-54.4	99.9	214.8	37.6*	21.5	30.9	330.6	999.9	99.9	999.9	74.7	63.
42.1	103.0	11068.7	232.0	-55.6	99.9	212.2	37.5*	20.0	31.8	330.4	999.9	99.9	999.9	75.4	63.
42.5	104.0	11207.2	227.0	-56.7	99.9	212.3	39.8*	21.3	33.6	330.7	999.9	99.9	999.9	76.3	63.
43.0	105.0	11319.4	223.0	-58.3	99.9	216.1	44.3*	26.1	35.8	330.0	999.9	99.9	999.9	77.0	62.
43.4	106.0	11433.1	219.0	-59.2	99.9	220.4	48.5*	31.5	37.0	330.4	999.9	99.9	999.9	78.4	62.
43.9	107.0	11548.4	215.0	-60.2	99.9	224.2	53.6*	37.4	38.5	330.5	999.9	99.9	999.9	79.4	62.
44.4	108.0	11665.2	211.0	-61.3	99.9	225.5	56.0*	39.9	39.3	330.6	999.9	99.9	999.9	81.7	61.
44.9	109.0	11783.7	207.0	-62.3	99.9	225.8	56.0*	40.2	39.0	330.9	999.9	99.9	999.9	82.9	61.
45.4	110.0	11904.0	203.0	-63.2	99.9	225.8	54.6*	39.2	38.0	331.3	999.9	99.9	999.9	84.6	61.
45.9	111.0	12057.1	198.0	-64.0	99.9	224.5	48.6*	34.1	34.6	332.4	999.9	99.9	999.9	86.5	60.
46.5	112.0	12182.1	194.0	-64.0	99.9	223.4	37.9*	26.1	27.6	334.4	999.9	99.9	999.9	87.7	60.
46.9	113.0	12310.3	190.0	-62.1	99.9	226.9	38.0*	27.7	26.0	339.4	999.9	99.9	999.9	88.5	60.
47.5	114.0	12442.5	186.0	-60.2	99.9	231.7	53.9*	42.2	33.4	344.5	999.9	99.9	999.9	89.4	60.
48.1	115.0	12578.6	182.0	-58.5	99.9	231.6	77.2*	60.5	48.0	349.5	999.9	99.9	999.9	92.0	60.
48.7	116.0	12718.2	178.0	-59.0	99.9	229.1	74.2*	56.0	48.6	350.9	999.9	99.9	999.9	95.9	59.
49.1	117.0	12860.5	174.0	-59.7	99.9	227.0	61.1*	44.7	41.7	352.0	999.9	99.9	999.9	97.9	59.
49.5	118.0	12969.2	171.0	-60.0	99.9	227.1	51.7*	37.9	35.2	353.2	999.9	99.9	999.9	97.8	59.
50.0	119.0	13117.0	167.0	-59.9	99.9	230.9	59.3*	46.0	37.4	355.9	999.9	99.9	999.9	98.8	59.
50.3	120.0	13230.1	164.0	-60.4	99.9	230.3	60.0*	46.1	38.3	356.8	999.9	99.9	999.9	101.1	59.
50.9	121.0	13383.6	160.0	-61.5	99.9	225.6	49.3*	35.2	34.5	357.5	999.9	99.9	999.9	103.3	59.
51.4	122.0	13500.9	157.0	-61.7	99.9	221.9	38.0*	25.4	28.3	359.1	999.9	99.9	999.9	104.2	58.
51.9	123.0	13620.3	154.0	-62.1	99.9	225.3	34.8*	24.7	24.5	360.4	999.9	99.9	999.9	105.1	58.
52.4	124.0	13782.7	150.0	-62.8	99.9	231.2	35.0*	27.3	21.9	361.9	999.9	99.9	999.9	106.2	58.
52.8	125.0	13907.0	147.0	-63.4	99.9	234.6	34.0*	27.7	19.7	363.0	999.9	99.9	999.9	107.1	58.
53.4	126.0	14076.2	143.0	-64.2	99.9	237.6	30.2*	25.5	16.2	364.5	999.9	99.9	999.9	108.3	58.
54.0	127.0	14206.0	140.0	-64.0	99.9	240.2	26.1*	22.7	13.0	367.1	999.9	99.9	999.9	109.3	58.
54.7	128.0	14338.5	137.0	-64.8	99.9	242.6	25.6*	22.8	11.8	367.9	999.9	99.9	999.9	110.3	58.
55.3	129.0	14473.6	134.0	-65.0	99.9	241.0	27.2*	23.8	13.2	369.9	999.9	99.9	999.9	111.2	58.
55.9	130.0	14611.4	131.0	-65.6	99.9	238.8	28.8*	24.6	14.9	371.3	999.9	99.9	999.9	112.2	58.
56.6	131.0	14799.7	127.0	-66.2	99.9	230.1	29.3*	24.9	15.5	373.5	999.9	99.9	999.9	113.5	58.
57.3	132.0	14944.6	124.0	-66.4	99.9	238.1	31.2*	26.5	16.5	375.6	999.9	99.9	999.9	114.7	58.
57.8	133.0	15092.6	121.0	-67.2	99.9	238.3	33.1*	28.1	17.4	376.8	999.9	99.9	999.9	115.7	58.
58.3	134.0	15243.8	118.0	-67.9	99.9	239.6	32.8*	28.3	16.6	378.3	999.9	99.9	999.9	116.7	58.
58.8	135.0	15398.6	115.0	-68.1	99.9	243.3	30.0*	26.8	13.5	380.7	999.9	99.9	999.9	117.8	58.
59.6	136.0	15557.2	112.0	-68.5	99.9	254.9	26.5*	25.6	6.9	382.8	999.9	99.9	999.9	119.0	58.
60.4	137.0	15719.7	109.0	-69.2	99.9	262.7	29.4*	29.1	3.7	384.5	999.9	99.9	999.9	120.1	58.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

6 FEBRUARY 1975  
2315 GMT

159 39. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CO:4P M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.1	138.0	15886.4	106.0	-69.2	99.9	260.9	32.2*	31.8	5.1	387.6	999.9	99.9	999.9	121.3	59.
61.9	139.0	16116.3	102.0	-69.2	99.9	255.9	30.6*	29.7	7.5	391.9	999.9	99.9	999.9	122.9	59.
62.7	140.0	16294.5	99.0	-69.6	99.9	255.0	26.9*	26.0	7.0	394.4	999.9	99.9	999.9	124.2	59.
63.7	141.0	16478.5	96.0	-68.3	99.9	251.4	37.6*	35.6	12.0	400.5	999.9	99.9	999.9	125.5	59.
64.5	142.0	16668.8	93.0	-68.7	99.9	250.1	45.8*	43.1	15.6	403.3	999.9	99.9	999.9	128.5	59.
65.3	143.0	16864.9	90.0	-69.4	99.9	246.4	33.7*	30.9	13.5	405.7	999.9	99.9	999.9	129.9	60.
66.1	144.0	17066.8	87.0	-70.3	99.9	240.5	28.8*	25.0	14.2	407.9	999.9	99.9	999.9	131.3	60.
67.0	145.0	17276.3	84.0	-68.3	99.9	242.2	28.4*	25.1	13.3	416.1	999.9	99.9	999.9	132.8	60.
67.9	146.0	17494.8	81.0	-67.9	99.9	246.6	29.2*	26.8	11.6	421.3	999.9	99.9	999.9	134.3	60.
68.8	147.0	17722.3	78.0	-66.8	99.9	246.0	29.0*	26.5	11.8	428.0	999.9	99.9	999.9	135.9	60.
69.8	148.0	17959.0	75.0	-67.4	99.9	241.1	29.0*	25.4	14.0	431.6	999.9	99.9	999.9	137.6	60.
70.8	149.0	18204.8	72.0	-67.9	99.9	239.9	32.5*	28.1	16.3	435.7	999.9	99.9	999.9	139.4	60.
71.6	150.0	18459.8	69.0	-69.4	99.9	239.9	33.2*	28.8	16.7	437.8	999.9	99.9	999.9	141.1	60.
72.6	151.0	18725.9	66.0	-68.1	99.9	239.9	30.4*	26.3	15.2	446.2	999.9	99.9	999.9	143.0	60.
73.7	152.0	19006.4	63.0	-66.6	99.9	239.9	26.5*	22.9	13.3	455.5	999.9	99.9	999.9	144.9	60.
74.7	153.0	19201.4	61.0	-67.0	99.9	239.9	24.9*	21.6	12.5	458.8	999.9	99.9	999.9	146.4	60.
76.1	154.0	19506.7	58.0	-66.0	99.9	239.9	28.9*	25.0	14.5	467.8	999.9	99.9	999.9	148.5	60.
77.2	155.0	19828.7	55.0	-66.4	99.9	241.3	28.7*	25.2	13.8	474.0	999.9	99.9	999.9	150.6	60.
78.3	156.0	20053.5	53.0	-65.4	99.9	246.2	27.1*	24.8	11.0	481.4	999.9	99.9	999.9	152.3	60.
79.7	157.0	20408.0	50.0	-65.6	99.9	245.3	32.7*	29.7	13.7	489.0	999.9	99.9	999.9	154.8	60.
80.9	158.0	20783.9	47.0	-66.0	99.9	241.4	32.2*	28.3	15.4	496.8	999.9	99.9	999.9	157.3	60.
82.5	159.0	21184.2	44.0	-66.0	99.9	252.9	13.3*	12.7	3.9	506.2	999.9	99.9	999.9	160.1	60.
84.4	160.0	21468.9	42.0	-62.4	99.9	240.2	24.7	21.4	12.3	521.7	999.9	99.9	999.9	160.2	60.
86.0	161.0	21926.7	39.0	-62.1	99.9	999.9	99.9	99.9	99.9	533.9	999.9	99.9	999.9	999.9	999.

STATION NO. 220  
APALACHICOLA, FLA

7 FEBRUARY 1975  
600 GMT

135 71. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	3.5	11.0	1016.1	6.5	2.4	325.0	6.2	3.6	-5.1	279.0	290.5	4.5	75.0	0.0	0.
0.2	4.0	60.4	1010.0	6.1	2.5	319.6	9.0	5.8	-6.9	279.1	290.7	4.5	77.2	0.2	135.
0.5	5.0	158.4	998.0	5.6	2.3	319.6	9.0	5.8	-6.9	279.5	291.2	4.5	79.0	0.2	135.
0.9	6.0	282.2	983.0	4.6	2.1	325.5	8.8	5.0	-7.3	279.7	291.4	4.5	83.9	0.4	137.
1.3	7.0	382.2	971.0	3.7	2.5	331.8	8.8	4.1	-7.7	279.8	292.0	4.7	91.5	0.6	142.
1.6	8.0	483.2	959.0	2.9	2.1	331.0	9.0	4.4	-7.9	280.0	292.0	4.7	94.8	0.8	144.
2.0	9.0	585.3	947.0	2.9	1.7	317.7	10.3	6.9	-7.6	281.0	292.8	4.6	91.5	1.0	147.
2.3	10.0	689.0	935.0	4.6	3.4	300.0	10.2	8.8	-5.1	283.8	297.4	5.2	91.9	1.2	143.
2.8	11.0	821.4	920.0	6.0	4.8	271.1	10.4	10.4	-0.2	286.6	302.0	5.9	92.4	1.5	135.
3.2	12.0	920.3	909.0	8.1	-13.5	257.9	10.9	10.7	2.3	289.2	293.5	1.5	19.9	1.6	128.
3.6	13.0	1030.0	897.0	8.6	-14.4	255.5	11.0	10.6	2.7	290.9	294.9	1.4	17.9	1.8	121.
4.0	14.0	1131.9	886.0	8.3	-13.1	257.9	11.0	10.7	2.3	291.5	296.1	1.6	20.4	2.0	116.
4.4	15.0	1244.3	874.0	7.7	-13.0	261.9	12.2	12.1	1.7	292.1	296.8	1.6	21.3	2.2	111.
5.0	16.0	1377.1	860.0	7.2	-12.9	260.0	13.2	13.0	2.3	292.9	297.7	1.6	22.3	2.6	107.
5.4	17.0	1482.8	849.0	6.3	-12.7	255.1	12.8	12.4	3.3	293.1	298.0	1.7	24.1	2.9	103.
5.9	18.0	1589.5	838.0	5.5	-12.3	256.7	12.8	12.4	2.9	293.3	298.4	1.8	26.3	3.2	100.
6.2	19.0	1697.3	827.0	4.8	-13.1	259.4	12.8	12.6	2.3	293.6	298.5	1.7	25.9	3.5	99.
6.6	20.0	1806.3	816.0	4.1	-15.9	263.3	13.2	13.1	1.5	294.0	298.0	1.4	21.6	3.8	97.
7.1	21.0	1936.6	803.0	3.4	-18.4	264.3	14.9	14.8	1.5	294.6	297.9	1.1	18.4	4.2	96.
7.5	22.0	2038.1	793.0	2.9	-17.4	258.9	17.1	16.8	3.3	295.1	298.8	1.2	20.8	4.5	95.
7.9	23.0	2151.1	782.0	2.6	-14.2	254.9	19.2	18.6	5.0	296.0	300.8	1.6	27.6	5.0	94.
8.3	24.0	2265.6	771.0	2.7	-14.3	252.7	21.3	20.4	6.3	297.4	302.3	1.6	27.2	5.4	92.
8.7	25.0	2382.1	760.0	3.7	-14.8	252.6	23.3	22.3	7.0	299.7	304.5	1.6	24.3	5.9	90.
9.1	26.0	2522.2	747.0	3.9	-15.8	253.9	25.3	24.3	7.0	301.3	305.9	1.5	22.1	6.5	88.
9.6	27.0	2631.6	737.0	3.7	-13.8	255.8	27.8	26.9	6.8	302.4	307.7	1.8	26.4	7.2	87.
10.1	28.0	2742.4	727.0	3.1	-11.8	256.5	30.3	29.5	7.1	302.9	309.2	2.1	32.4	8.1	86.
10.6	29.0	2854.5	717.0	2.2	-11.5	256.1	32.5	31.5	7.8	303.1	309.7	2.2	35.3	9.1	85.
11.1	30.0	2967.8	707.0	1.4	-10.5	255.1	34.4	33.2	8.8	303.5	310.7	2.4	40.7	10.1	84.
11.6	31.0	3082.5	697.0	1.2	-9.4	253.3	35.9	34.4	10.3	304.6	312.5	2.7	44.7	11.1	83.
12.1	32.0	3198.6	687.0	0.3	-10.0	250.9	36.7	34.7	12.0	304.7	312.5	2.6	45.9	12.2	82.
12.6	33.0	3315.9	677.0	-1.0	-9.4	248.4	36.3	33.7	13.3	304.6	312.8	2.8	52.8	13.3	81.
13.0	34.0	3434.6	667.0	-1.8	-10.5	246.9	35.4	32.5	13.9	305.0	312.6	2.6	51.2	14.2	80.
13.4	35.0	3542.6	658.0	-2.6	-10.5	247.1	34.8	32.0	13.6	305.3	313.1	2.6	54.5	14.9	79.
13.8	36.0	3688.4	646.0	-3.5	-10.5	248.6	34.3	31.9	12.5	305.9	313.8	2.7	58.4	15.7	79.
14.3	37.0	3799.3	637.0	-4.1	-11.3	251.2	33.4	31.7	10.8	306.4	313.9	2.5	57.1	16.8	78.
14.7	38.0	3924.1	627.0	-4.4	-12.9	252.6	32.8	31.3	9.8	307.4	314.2	2.3	51.4	17.6	78.
15.2	39.0	4037.9	618.0	-4.9	-20.9	252.6	32.8	31.3	9.8	308.0	311.6	1.2	27.2	18.5	78.
15.6	40.0	4153.2	609.0	-5.0	-19.6	251.8	33.4	31.7	10.4	309.1	313.3	1.3	30.8	19.2	78.
16.1	41.0	4296.3	598.0	-5.9	-19.2	250.7	34.2	32.3	11.3	309.7	314.1	1.4	34.1	20.4	77.
16.5	42.0	4414.9	589.0	-6.7	-21.3	250.1	34.6	32.6	11.8	310.1	313.9	1.2	30.1	21.1	77.
17.0	43.0	4534.9	580.0	-7.9	-22.0	249.5	34.9	32.7	12.2	310.1	313.7	1.1	30.9	22.2	77.
17.5	44.0	4656.3	571.0	-8.6	-24.2	248.3	35.1	32.6	13.0	310.6	313.6	0.9	26.9	23.2	76.
18.0	45.0	4779.3	562.0	-9.1	-30.1	246.7	35.2	32.4	14.0	311.4	313.3	0.6	16.2	24.3	76.
18.5	46.0	4890.2	554.0	-9.2	-42.6	245.3	35.5	32.2	14.8	312.5	313.1	0.2	4.6	25.3	75.
19.0	47.0	5016.8	545.0	-9.5	-36.3	245.0	36.3	32.9	15.3	313.6	314.7	0.3	9.0	26.4	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

7 FEBRUARY 1975  
600 GMT

135 71. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.5	48.0	5130.8	537.0	-10.6	-25.1	245.7	37.8	34.5	15.5	313.7	316.7	0.9	29.2	27.3	75.
20.0	49.0	5260.6	528.0	-11.5	-22.8	245.8	37.9*	34.6	15.5	314.2	317.9	1.2	38.5	28.8	74.
20.5	50.0	5377.4	520.0	-12.9	-23.1	244.9	36.5*	33.1	15.5	313.9	317.5	1.1	41.8	29.7	74.
21.1	51.0	5525.3	510.0	-13.6	-23.0	244.4	35.5*	32.0	15.3	314.8	318.6	1.2	44.9	30.9	74.
21.6	52.0	5645.5	502.0	-14.2	-26.2	245.4	35.4*	32.2	14.7	315.5	318.4	0.9	35.1	32.1	73.
22.1	53.0	5767.4	494.0	-14.2	-30.4	247.3	36.0*	33.2	13.9	316.9	318.9	0.6	23.7	32.9	73.
22.6	54.0	5891.2	486.0	-14.3	-33.8	248.8	36.0*	33.6	13.0	318.2	319.7	0.4	17.2	34.2	73.
23.1	55.0	6016.8	478.0	-15.6	-35.4	249.2	34.8*	32.6	12.4	318.1	319.5	0.4	16.3	35.3	73.
23.6	56.0	6176.0	468.0	-16.8	-36.9	248.8	35.2*	32.8	12.7	318.5	319.7	0.3	15.5	36.2	73.
24.2	57.0	6288.9	461.0	-17.8	-36.3	247.7	38.8*	35.9	14.7	318.7	320.0	0.4	18.0	37.5	73.
24.6	58.0	6419.7	453.0	-18.4	-41.4	246.8	40.3*	37.0	15.9	319.4	320.2	0.2	11.2	38.5	72.
25.1	59.0	6535.7	446.0	-19.4	-42.0	245.6	39.1*	35.6	16.2	319.6	320.4	0.2	11.3	39.9	72.
25.6	60.0	6670.0	438.0	-20.5	-42.4	245.1	38.4*	34.8	16.2	319.9	320.7	0.2	12.0	40.8	72.
26.1	61.0	6789.0	431.0	-21.3	-42.2	245.3	40.3*	36.7	16.8	320.4	321.2	0.2	13.1	42.0	72.
26.6	62.0	6927.1	423.0	-21.9	-44.2	245.3	41.5*	37.7	17.4	321.3	321.9	0.2	11.1	43.3	72.
27.0	63.0	7049.7	416.0	-22.7	-45.2	244.6	40.0*	36.1	17.2	321.8	322.3	0.2	10.7	44.4	71.
27.6	64.0	7173.9	409.0	-24.1	-46.2	243.3	36.4*	32.5	16.4	321.6	322.1	0.1	10.8	45.7	71.
28.1	65.0	7299.6	402.0	-25.1	-47.3	243.6	36.5*	32.7	16.2	321.8	322.3	0.1	10.5	46.5	71.
28.8	66.0	7445.2	394.0	-26.4	-47.8	245.6	39.8*	36.2	16.4	322.0	322.4	0.1	11.1	48.3	71.
29.2	67.0	7574.5	387.0	-27.5	-48.6	246.3	41.7*	38.1	16.7	322.2	322.7	0.1	11.3	49.2	71.
29.8	68.0	7705.7	380.0	-28.2	-49.1	246.1	42.5*	38.9	17.2	323.0	323.5	0.1	11.4	50.8	71.
30.3	69.0	7838.8	373.0	-29.2	-49.8	244.6	40.5*	36.6	17.4	323.4	323.8	0.1	11.5	52.2	71.
30.7	70.0	7973.9	366.0	-30.4	-50.7	243.1	39.5*	35.2	17.9	323.5	323.9	0.1	11.6	52.9	70.
31.3	71.0	8130.6	358.0	-31.7	-51.6	242.0	40.7*	35.9	19.1	323.8	324.2	0.1	11.8	54.3	70.
31.9	72.0	8249.9	352.0	-32.6	-52.3	241.6	42.0*	36.9	19.9	324.1	324.5	0.1	11.9	56.0	70.
32.4	73.0	8391.1	345.0	-33.8	-53.2	240.5	43.7*	38.0	21.5	324.4	324.7	0.1	12.1	57.0	70.
32.9	74.0	8513.8	339.0	-35.0	-54.0	239.0	45.0*	38.6	23.2	324.4	324.7	0.1	12.2	58.4	70.
33.3	75.0	8638.0	333.0	-36.1	-54.8	237.9	42.7*	36.2	22.7	324.6	324.9	0.1	12.3	59.7	69.
33.9	76.0	8785.2	326.0	-37.1	-55.6	237.1	38.0*	31.9	20.6	325.1	325.3	0.1	12.5	61.0	69.
34.4	77.0	8891.8	321.0	-38.5	-56.6	238.2	40.8*	34.7	21.5	324.7	324.9	0.1	12.6	61.7	69.
35.0	78.0	9042.9	314.0	-39.8	-57.6	237.3	49.7*	42.8	25.4	324.9	325.0	0.0	12.8	63.5	69.
35.5	79.0	9174.4	308.0	-41.1	99.9	238.4	50.6*	43.1	26.5	325.0	999.9	99.9	999.9	65.2	68.
36.0	80.0	9307.8	302.0	-42.3	99.9	236.0	42.9*	35.6	24.0	325.1	999.9	99.9	999.9	66.9	68.
36.7	81.0	9466.1	295.0	-43.1	99.9	231.5	33.6*	26.3	21.0	326.1	999.9	99.9	999.9	68.0	68.
37.2	82.0	9604.1	289.0	-44.5	99.9	230.3	33.7*	25.9	21.5	326.1	999.9	99.9	999.9	68.9	68.
37.7	83.0	9720.6	284.0	-45.8	99.9	232.1	37.7*	29.8	23.2	325.9	999.9	99.9	999.9	69.8	67.
38.2	84.0	9862.4	278.0	-47.0	99.9	233.9	41.1*	33.2	24.2	326.2	999.9	99.9	999.9	71.1	67.
38.7	85.0	9982.4	273.0	-48.1	99.9	234.2	42.1*	34.2	24.6	326.2	999.9	99.9	999.9	72.5	67.
39.3	86.0	10153.0	266.0	-49.8	99.9	234.9	45.3*	37.0	26.0	326.3	999.9	99.9	999.9	73.7	67.
39.8	87.0	10301.8	260.0	-51.1	99.9	236.3	49.4*	41.1	27.4	326.4	999.9	99.9	999.9	75.2	66.
40.4	88.0	10427.8	255.0	-52.2	99.9	236.8	49.6*	41.5	27.2	326.6	999.9	99.9	999.9	77.3	66.
40.9	89.0	10555.8	250.0	-52.8	99.9	236.8	47.5*	39.8	26.0	327.6	999.9	99.9	999.9	78.4	66.
41.5	90.0	10685.7	245.0	-54.2	99.9	239.4	47.9*	41.3	24.4	327.4	999.9	99.9	999.9	80.3	66.
42.0	91.0	10844.7	239.0	-54.2	99.9	243.0	50.5*	45.0	22.9	329.7	999.9	99.9	999.9	81.5	66.
42.6	92.0	10952.9	235.0	-54.4	99.9	244.2	49.5*	44.5	21.5	331.0	999.9	99.9	999.9	83.5	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

7 FEBRUARY 1975  
600 GMT

135 71. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
43.2	93.0	11090.8	230.0	-54.2	99.9	243.5	41.3*	37.0	18.4	333.3	999.9	99.9	999.9	85.4	66.
43.8	94.0	11232.0	225.0	-53.4	99.9	243.8	33.3*	29.8	14.7	336.6	999.9	99.9	999.9	86.5	66.
44.3	95.0	11377.0	220.0	-52.2	99.9	244.7	31.1*	28.1	13.3	340.7	999.9	99.9	999.9	87.4	66.
45.1	96.0	11555.9	214.0	-52.3	99.9	243.5	36.6*	32.8	16.3	343.2	999.9	99.9	999.9	88.8	66.
45.7	97.0	11708.5	209.0	-53.4	99.9	241.1	42.7*	37.4	20.6	343.8	999.9	99.9	999.9	90.3	66.
46.3	98.0	11832.8	205.0	-53.7	99.9	239.6	42.0*	36.3	21.3	345.2	999.9	99.9	999.9	92.1	65.
46.8	99.0	11991.3	200.0	-54.1	99.9	239.9	41.1*	35.6	20.6	347.2	999.9	99.9	999.9	93.2	65.
47.3	100.0	12153.7	195.0	-54.4	99.9	241.0	42.9*	37.5	20.8	349.2	999.9	99.9	999.9	94.3	65.
48.1	101.0	12319.8	190.0	-55.2	99.9	240.3	40.3*	35.0	19.9	350.5	999.9	99.9	999.9	96.8	65.
48.7	102.0	12455.6	186.0	-55.5	99.9	235.9	33.8*	28.0	19.0	352.1	999.9	99.9	999.9	97.8	65.
49.3	103.0	12594.0	182.0	-56.0	99.9	232.0	31.7*	25.0	19.5	353.5	999.9	99.9	999.9	98.9	65.
49.9	104.0	12770.9	177.0	-56.8	99.9	232.0	30.8*	24.2	19.0	355.0	999.9	99.9	999.9	100.1	65.
50.6	105.0	12915.5	173.0	-57.7	99.9	232.7	28.9*	23.0	17.5	355.9	999.9	99.9	999.9	101.3	65.
51.2	106.0	13062.9	169.0	-58.3	99.9	233.5	28.2*	22.7	16.8	357.2	999.9	99.9	999.9	102.3	65.
51.9	107.0	13213.7	165.0	-58.2	99.9	237.5	27.6*	23.3	14.9	359.9	999.9	99.9	999.9	103.4	64.
52.6	108.0	13368.2	161.0	-58.2	99.9	242.5	28.0*	24.8	12.9	362.5	999.9	99.9	999.9	104.6	64.
53.1	109.0	13486.7	158.0	-58.0	99.9	244.1	29.3*	26.4	12.8	364.7	999.9	99.9	999.9	105.4	64.
53.8	110.0	13648.1	154.0	-58.5	99.9	244.4	40.8*	36.8	17.6	366.5	999.9	99.9	999.9	106.6	64.
54.6	111.0	13855.2	149.0	-59.5	99.9	244.4	62.9*	56.7	27.2	368.2	999.9	99.9	999.9	108.8	64.
55.1	112.0	14025.2	145.0	-60.1	99.9	244.0	58.6*	52.7	25.6	370.2	999.9	99.9	999.9	112.2	64.
55.8	113.0	14155.4	142.0	-60.9	99.9	241.9	41.5*	36.6	19.5	370.9	999.9	99.9	999.9	113.3	64.
56.6	114.0	14332.8	138.0	-61.5	99.9	240.1	48.2*	41.8	24.0	373.0	999.9	99.9	999.9	114.9	64.
57.1	115.0	14469.0	135.0	-61.9	99.9	239.7	53.8*	46.4	27.2	374.7	999.9	99.9	999.9	117.1	64.
58.0	116.0	14654.5	131.0	-63.1	99.9	240.4	48.9*	42.5	24.2	375.6	999.9	99.9	999.9	120.2	64.
58.7	117.0	14844.6	127.0	-64.7	99.9	242.8	37.7*	33.5	17.2	376.2	999.9	99.9	999.9	121.6	64.
59.2	118.0	14990.2	124.0	-65.9	99.9	243.9	32.2*	28.9	14.2	376.6	999.9	99.9	999.9	122.6	64.
59.9	119.0	15139.6	121.0	-66.7	99.9	244.1	30.2*	27.2	13.2	377.8	999.9	99.9	999.9	123.8	64.
60.6	120.0	15290.2	118.0	-67.3	99.9	244.1	31.0*	27.9	13.6	379.4	999.9	99.9	999.9	125.0	64.
61.2	121.0	15497.9	114.0	-67.9	99.9	244.1	30.5*	27.4	13.3	382.0	999.9	99.9	999.9	126.3	64.
62.0	122.0	15604.4	112.0	-67.5	99.9	244.1	33.5*	30.1	14.6	384.7	999.9	99.9	999.9	127.3	64.
62.5	123.0	15823.1	108.0	-68.1	99.9	244.1	34.7*	31.3	15.2	387.5	999.9	99.9	999.9	129.0	64.
63.2	124.0	15992.2	105.0	-68.5	99.9	244.1	29.4*	26.4	12.8	389.9	999.9	99.9	999.9	130.2	64.
63.9	125.0	16107.4	103.0	-68.5	99.9	244.1	27.3*	24.5	11.9	392.0	999.9	99.9	999.9	131.2	64.
64.8	126.0	16344.5	99.0	-69.2	99.9	244.7	28.3*	25.6	12.1	395.2	999.9	99.9	999.9	132.8	64.
65.5	127.0	16466.3	97.0	-69.6	99.9	248.7	30.5*	28.4	11.1	396.7	999.9	99.9	999.9	133.8	64.
66.1	128.0	16654.0	94.0	-68.7	99.9	252.7	33.5*	32.0	10.0	402.0	999.9	99.9	999.9	135.1	64.
66.9	129.0	16848.5	91.0	-68.1	99.9	249.2	34.4*	32.1	12.2	407.0	999.9	99.9	999.9	136.7	64.
67.5	130.0	17049.5	88.0	-69.7	99.9	245.1	32.7*	29.7	13.8	409.6	999.9	99.9	999.9	138.1	64.
68.2	131.0	17186.7	86.0	-70.0	99.9	244.3	30.7*	27.7	13.3	409.7	999.9	99.9	999.9	139.2	64.
68.9	132.0	17397.0	83.0	-71.9	99.9	244.3	29.3*	26.4	12.7	410.2	999.9	99.9	999.9	140.6	64.
69.7	133.0	17541.1	81.0	-71.2	99.9	245.6	28.9*	26.3	11.9	414.5	999.9	99.9	999.9	141.9	64.
70.5	134.0	17763.8	78.0	-72.1	99.9	252.1	30.9*	29.4	9.5	417.1	999.9	99.9	999.9	143.4	64.
71.2	135.0	17917.1	76.0	-71.4	99.9	999.9	99.9	99.9	99.9	421.6	999.9	99.9	999.9	999.9	999.
72.1	136.0	18156.4	73.0	-69.2	99.9	999.9	99.9	99.9	99.9	431.2	999.9	99.9	999.9	999.9	999.
72.9	137.0	18322.9	71.0	-67.9	99.9	999.9	99.9	99.9	99.9	437.4	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

7 FEBRUARY 1975  
1115 GMT

162 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.1	11.0	1017.5	2.7	-0.2	335.0	5.1	2.2	-4.6	275.0	284.4	3.7	81.0	0.0	0.
0.3	4.0	103.0	1006.0	2.5	-0.8	317.2	7.8	5.3	-5.7	275.6	284.8	3.6	78.9	0.2	127.
0.7	5.0	200.0	994.0	2.0	-0.6	320.3	8.1	5.2	-6.3	276.1	285.6	3.7	83.0	0.3	131.
1.2	6.0	314.4	980.0	1.2	-1.2	327.6	9.4	5.1	-8.0	276.4	285.6	3.6	84.5	0.5	137.
1.6	7.0	405.1	969.0	-0.3	-2.2	331.6	10.7	5.1	-9.4	275.8	284.4	3.4	87.2	0.7	141.
2.0	8.0	504.8	957.0	-0.4	-1.8	332.5	11.3	5.2	-10.0	276.6	285.6	3.5	90.5	1.0	144.
2.4	9.0	597.3	946.0	-1.1	-1.9	326.7	10.3	5.7	-8.6	276.9	285.9	3.5	94.2	1.3	146.
2.7	10.0	690.9	935.0	0.4	-4.2	317.5	10.1	6.8	-7.4	279.2	287.1	3.0	71.6	1.5	146.
3.2	11.0	812.8	921.0	4.0	-5.9	301.3	10.8	9.2	-5.6	284.1	291.3	2.7	48.3	1.7	143.
3.5	12.0	919.5	909.0	4.3	-7.5	294.4	11.5	10.5	-4.7	285.5	292.1	2.4	41.7	2.0	140.
3.8	13.0	1018.7	898.0	4.9	-10.9	291.8	9.8	9.1	-3.6	286.9	292.1	1.8	30.7	2.1	137.
4.3	14.0	1119.2	887.0	5.4	-11.0	291.7	8.3	7.7	-3.1	288.5	293.8	1.9	29.6	2.3	135.
4.6	15.0	1221.2	876.0	5.9	-10.5	293.2	8.5	7.8	-3.4	290.1	295.6	2.0	29.6	2.5	133.
5.1	16.0	1353.0	862.0	5.6	-10.8	292.2	10.5	9.7	-4.0	291.0	296.6	1.9	29.6	2.8	131.
5.5	17.0	1467.5	850.0	5.2	-12.1	289.4	10.2	9.6	-3.4	291.8	296.9	1.8	27.2	3.0	129.
6.0	18.0	1554.3	841.0	4.5	-12.9	285.8	10.4	10.0	-2.8	292.0	296.8	1.7	26.9	3.3	128.
6.4	19.0	1661.3	830.0	3.8	-13.6	287.3	12.4	11.8	-3.7	292.3	297.0	1.6	26.5	3.5	126.
6.8	20.0	1759.7	820.0	3.7	-14.4	287.5	13.9	13.3	-4.2	293.2	297.6	1.5	25.2	3.8	124.
7.3	21.0	1889.4	807.0	3.5	-15.2	285.7	14.4	13.9	-3.9	294.3	298.6	1.5	24.0	4.3	123.
7.7	22.0	2000.7	796.0	3.3	-16.2	283.8	13.9	13.4	-3.3	295.3	299.3	1.3	22.2	4.6	121.
8.2	23.0	2103.1	786.0	3.2	-16.4	281.7	13.2	12.9	-2.7	296.2	300.2	1.4	22.2	5.0	120.
8.6	24.0	2206.6	776.0	2.2	-16.2	279.3	13.6	13.4	-2.2	296.2	300.3	1.4	24.1	5.2	119.
9.0	25.0	2311.2	766.0	1.8	-16.5	276.1	14.9	14.8	-1.6	296.9	301.0	1.4	24.1	5.5	118.
9.5	26.0	2449.0	753.0	0.8	-17.3	269.8	17.3	17.3	0.1	297.3	301.2	1.3	24.1	6.0	116.
9.9	27.0	2556.2	743.0	0.4	-17.9	263.5	19.3	19.2	2.2	297.9	301.7	1.3	23.7	6.4	114.
10.3	28.0	2654.0	734.0	0.4	-18.6	258.1	21.4	20.9	4.4	298.9	302.6	1.2	22.4	6.8	112.
10.7	27.0	2764.1	724.0	1.2	-18.0	254.2	23.3	22.4	6.4	301.0	304.9	1.3	22.4	7.2	109.
11.1	30.0	2876.0	714.0	1.3	-16.9	252.2	25.0	23.8	7.7	302.4	306.7	1.4	24.1	7.7	107.
11.5	31.0	2978.0	705.0	1.0	-17.0	252.0	26.5	25.2	8.2	303.1	307.5	1.4	24.6	8.2	104.
11.9	32.0	3092.8	695.0	1.0	-17.0	252.7	27.8	26.6	8.3	304.4	308.8	1.5	24.6	8.8	102.
12.3	33.0	3209.2	685.0	0.4	-16.4	253.2	29.1	27.9	8.4	304.9	309.7	1.5	27.1	9.4	100.
12.8	34.0	3315.2	676.0	0.2	-15.7	253.5	30.5	29.3	8.7	305.9	311.0	1.7	29.0	10.2	98.
13.1	35.0	3434.4	666.0	-0.9	-16.1	253.6	31.2	29.9	8.8	306.0	311.0	1.6	30.5	10.7	96.
13.7	36.0	3567.2	655.0	-1.4	-16.4	253.3	31.6	30.3	9.1	306.9	311.9	1.6	30.8	11.8	94.
14.1	37.0	3677.1	646.0	-2.8	-16.7	252.9	31.9	30.5	9.4	306.5	311.4	1.6	33.4	12.5	93.
14.5	38.0	3788.2	637.0	-3.7	-16.7	252.0	32.7	31.1	10.1	306.7	311.7	1.6	35.7	13.2	92.
14.8	39.0	3900.4	628.0	-4.7	-17.0	251.0	33.4	31.6	10.9	306.9	311.8	1.6	37.2	13.8	91.
15.2	40.0	4013.8	619.0	-5.6	-17.4	250.0	33.9	31.9	11.6	307.1	311.9	1.6	38.6	14.6	90.
15.7	41.0	4154.4	608.0	-5.9	-17.5	249.6	33.5	31.4	11.7	308.3	313.2	1.6	39.3	15.5	88.
16.1	42.0	4258.1	600.0	-6.0	-17.2	249.9	32.6	30.6	11.2	309.3	314.5	1.7	40.8	16.3	88.
16.5	43.0	4376.5	591.0	-6.2	-16.9	250.3	31.5	29.6	10.6	310.5	315.8	1.7	42.1	17.0	87.
16.9	44.0	4496.5	582.0	-6.8	-17.5	250.7	31.0	29.3	10.3	311.2	316.3	1.7	42.0	17.8	86.
17.4	45.0	4604.4	574.0	-7.7	-18.1	251.3	32.3	30.6	10.3	311.3	316.3	1.6	42.6	18.5	85.
17.8	46.0	4727.3	565.0	-8.0	-18.3	251.9	34.4	32.7	10.7	312.4	317.4	1.6	43.2	19.3	85.
18.2	47.0	4838.0	557.0	-8.7	-19.6	252.1	36.6	34.8	11.2	312.8	317.4	1.5	40.9	20.2	84.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

7 FEBRUARY 1975  
1115 GMT

162 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.6	48.0	4950.1	549.0	-9.0	-20.2	252.1	38.2	36.3	11.8	313.7	318.2	1.4	39.7	21.1	84.
19.1	49.0	5063.5	541.0	-10.2	-21.5	251.4	38.8	36.7	12.4	313.6	317.7	1.3	38.6	22.2	83.
19.4	50.0	5192.8	532.0	-10.3	-21.7	250.8	38.3	36.2	12.6	315.0	319.1	1.3	38.6	23.0	83.
19.9	51.0	5338.7	522.0	-11.6	-22.9	249.6	36.9	34.6	12.9	315.1	318.9	1.2	38.3	24.1	82.
20.4	52.0	5456.9	514.0	-12.3	-23.6	249.2	36.5	34.2	12.9	315.6	319.2	1.1	38.1	25.1	82.
20.8	53.0	5576.6	506.0	-13.3	-24.4	249.8	37.4	35.1	12.9	315.9	319.3	1.0	38.5	25.9	81.
21.2	54.0	5682.6	499.0	-14.1	-25.2	250.6	38.3	36.1	12.7	316.1	319.3	1.0	38.4	26.8	81.
21.6	55.0	5820.6	490.0	-14.8	-26.4	251.1	38.8	36.7	12.6	316.9	319.8	0.9	36.4	27.8	81.
22.1	56.0	5960.6	481.0	-16.1	-28.0	251.0	38.6	36.5	12.5	317.0	319.6	0.8	34.7	29.0	80.
22.6	57.0	6070.8	474.0	-17.0	-29.2	250.5	38.2	36.0	12.7	317.1	319.5	0.7	33.7	30.1	80.
23.1	58.0	6198.4	466.0	-17.6	-30.5	249.8	37.8	35.4	13.0	318.0	320.2	0.6	31.1	31.2	79.
23.6	59.0	6311.5	459.0	-18.7	-31.7	249.3	38.1	35.7	13.4	318.0	320.0	0.6	30.5	32.3	79.
24.1	60.0	6442.4	451.0	-19.5	-32.6	249.8	40.5	38.0	14.0	318.6	320.4	0.5	29.9	33.3	79.
24.6	61.0	6558.6	444.0	-20.0	-33.3	250.5	43.7*	41.2	14.6	319.3	321.1	0.5	29.3	34.6	78.
25.1	62.0	6676.3	437.0	-20.5	-33.2	250.5	45.7*	43.1	15.3	320.1	321.9	0.5	30.9	36.1	78.
25.6	63.0	6795.6	430.0	-21.5	-33.4	249.7	46.9*	44.0	16.3	320.4	322.2	0.5	32.9	37.3	78.
26.1	64.0	6916.4	423.0	-22.5	-33.6	248.8	47.3*	44.1	17.1	320.5	322.3	0.5	35.6	38.9	78.
26.5	65.0	7038.7	416.0	-23.5	-34.2	247.9	46.3*	42.9	17.4	320.9	322.6	0.5	36.2	39.9	77.
27.1	66.0	7198.2	407.0	-24.9	-35.3	246.8	43.0*	39.5	16.9	321.0	322.6	0.5	37.0	41.7	77.
27.7	67.0	7305.9	401.0	-26.4	-36.4	247.0	42.9*	39.5	16.7	320.5	321.9	0.4	38.0	42.9	77.
28.1	68.0	7433.0	394.0	-27.3	-36.6	247.9	45.1*	41.8	17.0	320.9	322.3	0.4	40.3	44.0	76.
28.5	69.0	7561.8	387.0	-28.7	-37.5	248.8	48.3*	45.0	17.4	320.6	322.0	0.4	42.2	45.1	76.
29.0	70.0	7673.5	381.0	-29.5	-38.2	249.9	50.3*	47.2	17.3	321.0	322.3	0.4	42.4	46.7	76.
29.6	71.0	7843.6	372.0	-30.9	-39.4	251.0	48.0*	45.4	15.7	321.5	322.6	0.3	42.6	48.4	76.
30.1	72.0	7958.8	366.0	-31.9	-40.7	252.1	44.4*	42.3	13.7	321.5	322.6	0.3	40.8	50.0	76.
30.5	73.0	8075.4	360.0	-32.7	-42.2	253.4	42.8*	41.0	12.2	322.0	322.9	0.3	37.7	50.7	75.
31.0	74.0	8193.7	354.0	-33.2	-43.2	253.4	45.4*	43.5	12.9	322.8	323.7	0.2	35.7	52.0	75.
31.4	75.0	8333.7	347.0	-34.3	-44.1	251.0	47.8*	45.2	15.6	323.3	324.0	0.2	35.7	53.3	76.
31.9	76.0	8455.5	341.0	-35.5	-45.2	248.4	48.6*	45.2	17.9	323.2	324.0	0.2	35.7	54.7	75.
32.3	77.0	8578.8	335.0	-36.7	-46.2	248.8	48.8*	45.5	17.6	323.3	323.9	0.2	36.2	55.9	75.
32.8	78.0	8703.6	329.0	-38.1	-47.3	250.9	49.8*	47.0	16.3	322.9	323.5	0.2	37.3	57.2	75.
33.1	79.0	8830.0	323.0	-39.1	-47.8	252.1	50.2*	47.8	15.4	323.3	323.9	0.2	38.7	58.0	75.
33.6	80.0	8958.3	317.0	-40.0	99.9	253.0	49.4*	47.2	14.4	323.8	999.9	99.9	999.9	60.1	75.
34.1	81.0	9110.5	310.0	-41.1	99.9	253.6	49.4*	47.4	14.0	324.4	999.9	99.9	999.9	61.1	75.
34.7	82.0	9220.8	305.0	-41.0	99.9	254.4	54.9*	52.9	14.8	324.9	999.9	99.9	999.9	62.9	75.
35.1	83.0	9355.2	299.0	-42.8	99.9	254.7	56.8*	54.8	15.0	325.4	999.9	99.9	999.9	64.4	75.
35.6	84.0	9491.6	293.0	-44.0	99.9	254.8	51.5*	49.7	13.5	325.5	999.9	99.9	999.9	66.5	75.
36.0	85.0	9606.8	288.0	-45.1	99.9	254.8	45.7*	44.1	12.0	325.5	999.9	99.9	999.9	67.3	75.
36.6	86.0	9770.9	281.0	-45.9	99.9	254.8	47.5*	45.8	12.4	326.8	999.9	99.9	999.9	68.6	75.
37.1	87.0	9914.2	275.0	-47.0	99.9	254.8	50.2*	48.4	13.2	327.2	999.9	99.9	999.9	70.4	75.
37.5	88.0	10035.4	270.0	-48.5	99.9	254.8	48.9*	47.2	12.8	326.8	999.9	99.9	999.9	71.9	75.
38.0	89.0	10158.0	265.0	-49.8	99.9	254.8	45.7*	44.1	12.0	326.6	999.9	99.9	999.9	72.8	75.
38.5	90.0	10282.3	260.0	-51.1	99.9	254.8	46.6*	45.0	12.2	326.4	999.9	99.9	999.9	74.6	75.
39.0	91.0	10408.4	255.0	-51.7	99.9	254.8	51.4*	49.6	13.5	327.3	999.9	99.9	999.9	75.4	75.
39.4	92.0	10536.5	250.0	-52.8	99.9	254.8	54.2*	52.3	14.2	327.6	999.9	99.9	999.9	77.1	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 220  
APALACHICOLA, FLA

7 FEBRUARY 1975  
1115 GMT

162 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
39.9	93.0	10666.5	245.0	-54.2	99.9	254.4	56.9*	54.8	15.3	327.3	999.9	99.9	999.9	79.0	75.
40.4	94.0	10798.6	240.0	-54.5	99.9	253.0	66.4*	63.5	19.4	328.8	999.9	99.9	999.9	80.1	75.
40.8	95.0	10933.0	235.0	-55.8	99.9	251.5	76.5*	72.5	24.3	328.8	999.9	99.9	999.9	81.7	75.
41.3	96.0	11097.5	229.0	-56.2	99.9	249.7	77.5*	72.7	26.9	330.8	999.9	99.9	999.9	85.2	75.
41.8	97.0	11209.6	225.0	-56.0	99.9	247.6	61.7*	57.0	23.5	332.7	999.9	99.9	999.9	87.4	74.
42.3	98.0	11353.1	220.0	-54.2	99.9	243.7	44.9*	40.3	19.9	337.6	999.9	99.9	999.9	88.5	74.
42.7	99.0	11471.1	216.0	-53.0	99.9	240.3	39.1*	34.0	19.4	341.3	999.9	99.9	999.9	89.4	74.
43.2	100.0	11622.0	211.0	-53.3	99.9	239.4	40.8*	35.1	20.8	343.1	999.9	99.9	999.9	90.4	74.
43.8	101.0	11776.1	206.0	-54.4	99.9	243.2	47.9*	42.8	21.6	343.7	999.9	99.9	999.9	91.7	74.
44.1	102.0	11901.8	202.0	-54.2	99.9	245.3	50.4*	45.8	21.1	345.9	999.9	99.9	999.9	92.7	74.
44.7	103.0	12062.4	197.0	-54.5	99.9	247.3	46.8*	43.2	18.0	347.9	999.9	99.9	999.9	95.0	73.
45.1	104.0	12193.6	193.0	-55.0	99.9	246.0	41.4*	37.8	16.8	349.2	999.9	99.9	999.9	95.9	73.
45.6	105.0	12327.3	189.0	-55.5	99.9	241.3	39.1*	34.3	18.8	350.5	999.9	99.9	999.9	96.9	73.
46.1	106.0	12463.5	185.0	-56.0	99.9	240.4	46.4*	40.3	22.9	351.9	999.9	99.9	999.9	97.9	73.
46.6	107.0	12602.5	181.0	-56.0	99.9	243.1	58.3*	52.0	26.3	354.1	999.9	99.9	999.9	99.2	73.
47.1	108.0	12744.6	177.0	-56.0	99.9	244.2	62.9*	56.7	27.4	356.3	999.9	99.9	999.9	101.6	73.
47.6	109.0	12889.7	173.0	-57.0	99.9	242.4	54.3*	48.1	25.7	357.1	999.9	99.9	999.9	103.8	73.
48.1	110.0	13037.6	169.0	-57.8	99.9	239.4	41.7*	35.9	21.2	358.1	999.9	99.9	999.9	104.8	73.
48.8	111.0	13188.2	165.0	-59.0	99.9	242.3	35.4*	31.4	16.5	358.5	999.9	99.9	999.9	106.1	72.
49.3	112.0	13342.1	161.0	-59.2	99.9	246.6	35.5*	32.6	14.1	360.8	999.9	99.9	999.9	107.2	72.
49.7	113.0	13499.6	157.0	-59.7	99.9	249.1	35.2*	32.9	12.5	362.5	999.9	99.9	999.9	108.2	72.
50.3	114.0	13620.3	154.0	-59.5	99.9	251.2	34.4*	32.6	11.1	364.8	999.9	99.9	999.9	109.3	72.
50.9	115.0	13784.9	150.0	-59.5	99.9	250.5	35.4*	33.4	11.8	367.5	999.9	99.9	999.9	110.5	72.
51.4	116.0	13953.4	146.0	-61.1	99.9	248.0	37.5*	34.7	14.0	367.7	999.9	99.9	999.9	111.7	72.
51.9	117.0	14082.5	143.0	-60.9	99.9	246.3	43.7*	40.0	17.6	370.2	999.9	99.9	999.9	112.7	72.
52.5	118.0	14258.8	139.0	-60.9	99.9	245.0	55.2*	50.0	23.3	373.2	999.9	99.9	999.9	114.0	72.
52.9	119.0	14394.0	136.0	-62.2	99.9	242.5	56.8*	50.4	26.3	373.3	999.9	99.9	999.9	116.3	72.
53.3	120.0	14531.6	133.0	-62.9	99.9	239.5	52.9*	45.6	26.8	374.3	999.9	99.9	999.9	117.6	72.
53.8	121.0	14671.7	130.0	-64.1	99.9	238.2	45.9*	39.0	24.2	374.8	999.9	99.9	999.9	118.7	72.
54.2	122.0	14814.5	127.0	-64.6	99.9	240.7	41.7*	36.4	20.4	376.2	999.9	99.9	999.9	119.7	71.
54.6	123.0	14960.1	124.0	-66.0	99.9	245.3	39.6*	36.0	16.6	376.3	999.9	99.9	999.9	120.8	71.
55.2	124.0	15108.4	121.0	-66.8	99.9	250.0	38.5*	36.2	13.2	377.5	999.9	99.9	999.9	122.1	71.
55.6	125.0	15260.0	118.0	-67.0	99.9	251.1	37.8*	35.8	12.2	379.9	999.9	99.9	999.9	123.0	71.
56.3	126.0	15467.9	114.0	-67.6	99.9	251.4	35.2*	33.3	11.2	382.5	999.9	99.9	999.9	124.6	71.
56.9	127.0	15628.1	111.0	-68.5	99.9	251.4	34.6*	32.8	11.0	383.8	999.9	99.9	999.9	125.8	71.
57.4	128.0	15737.0	109.0	-68.9	99.9	251.4	37.7*	35.7	12.0	385.0	999.9	99.9	999.9	126.7	71.
57.9	129.0	15903.4	106.0	-70.4	99.9	251.4	41.2*	39.0	13.1	385.2	999.9	99.9	999.9	128.0	71.
58.2	130.0	16073.9	103.0	-70.4	99.9	251.4	41.8*	39.6	13.3	388.4	999.9	99.9	999.9	128.8	71.
58.9	131.0	16249.1	100.0	-71.1	99.9	251.4	38.0*	36.0	12.1	390.4	999.9	99.9	999.9	130.5	71.
59.3	132.0	16429.3	97.0	-71.3	99.9	251.4	31.0*	29.3	9.9	393.4	999.9	99.9	999.9	131.5	71.
59.9	133.0	16552.3	95.0	-71.8	99.9	251.4	18.8*	17.8	6.0	394.8	999.9	99.9	999.9	132.7	71.
60.4	134.0	16677.5	93.0	-72.9	99.9	251.4	17.9*	17.0	5.7	394.9	999.9	99.9	999.9	132.3	71.
60.9	135.0	16870.2	90.0	-72.0	99.9	251.4	25.6*	24.3	8.2	400.5	999.9	99.9	999.9	133.2	71.
61.6	136.0	17070.4	87.0	-71.1	99.9	251.4	33.5*	31.8	10.7	406.2	999.9	99.9	999.9	134.7	71.
62.2	137.0	17207.8	85.0	-71.8	99.9	251.4	36.3*	34.4	11.6	407.6	999.9	99.9	999.9	135.8	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 220  
APALACHICOLA, FLA

7 FEBRUARY 1975  
1115 GMT

162 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.8	138.0	17418.9	82.0	-73.4	99.9	251.4	37.9*	35.9	12.1	408.4	999.9	99.9	999.9	137.2	71.
63.4	139.0	17636.9	79.0	-73.4	99.9	251.4	35.5*	33.7	11.3	412.8	999.9	99.9	999.9	138.7	71.
64.1	140.0	17786.8	77.0	-73.7	99.9	251.4	32.0*	30.3	10.2	415.3	999.9	99.9	999.9	140.0	71.
64.9	141.0	18020.3	74.0	-71.5	99.9	251.4	32.4*	30.7	10.3	424.5	999.9	99.9	999.9	141.6	71.
65.6	142.0	18182.5	72.0	-70.4	99.9	251.4	34.9*	33.1	11.1	430.3	999.9	99.9	999.9	142.8	71.
66.3	143.0	18436.2	69.0	-68.9	99.9	251.4	36.7*	34.8	11.7	438.8	999.9	99.9	999.9	144.5	71.
67.0	144.0	18612.2	67.0	-68.9	99.9	251.4	37.8*	35.8	12.1	442.5	999.9	99.9	999.9	145.9	71.
67.7	145.0	18886.3	64.0	-68.9	99.9	251.4	36.2*	34.3	11.5	448.4	999.9	99.9	999.9	147.7	71.
68.5	146.0	19077.2	62.0	-66.8	99.9	251.4	32.4*	30.8	10.3	457.1	999.9	99.9	999.9	149.2	71.
69.2	147.0	19276.2	60.0	-65.0	99.9	251.4	33.8*	32.1	10.8	465.4	999.9	99.9	999.9	150.6	71.
70.0	148.0	19483.0	58.0	-64.8	99.9	251.4	40.5*	38.3	12.9	470.3	999.9	99.9	999.9	152.1	71.
70.7	149.0	19807.4	55.0	-64.4	99.9	251.4	42.4*	40.2	13.5	478.4	999.9	99.9	999.9	154.2	71.
71.5	150.0	20033.4	53.0	-65.2	99.9	251.4	40.0*	37.9	12.8	481.7	999.9	99.9	999.9	156.0	71.
72.1	151.0	20267.7	51.0	-65.2	99.9	251.4	38.6*	36.6	12.3	487.1	999.9	99.9	999.9	157.6	71.
72.9	152.0	20511.7	49.0	-64.6	99.9	251.4	34.4*	32.6	11.0	494.0	999.9	99.9	999.9	159.4	71.
73.9	153.0	20767.9	47.0	-61.8	99.9	251.4	34.0*	32.2	10.8	506.7	999.9	99.9	999.9	161.2	71.
74.8	154.0	21038.5	45.0	-59.7	99.9	251.4	41.7*	39.5	13.3	518.2	999.9	99.9	999.9	163.2	71.
75.8	155.0	21469.3	42.0	-60.2	99.9	251.4	43.9*	41.6	14.0	527.2	999.9	99.9	999.9	166.0	71.
76.7	156.0	21774.4	40.0	-59.2	99.9	251.4	39.4*	37.3	12.6	537.3	999.9	99.9	999.9	168.2	71.
77.7	157.0	22094.6	38.0	-60.9	99.9	251.4	38.2*	36.2	12.2	540.7	999.9	99.9	999.9	170.5	71.
78.7	158.0	22429.2	36.0	-62.7	99.9	251.4	37.9*	35.9	12.1	544.5	999.9	99.9	999.9	172.8	71.
79.8	159.0	22782.7	34.0	-61.3	99.9	251.4	38.7*	36.7	12.4	557.3	999.9	99.9	999.9	175.3	71.
80.9	160.0	23158.0	32.0	-62.4	99.9	251.4	42.3*	40.1	13.5	564.1	999.9	99.9	999.9	177.9	71.
81.9	161.0	23557.3	30.0	-61.5	99.9	251.4	43.1*	40.9	13.8	577.1	999.9	99.9	999.9	180.6	71.
83.1	162.0	23986.9	28.0	-59.7	99.9	251.4	39.5*	37.4	12.6	593.5	999.9	99.9	999.9	183.6	71.
84.5	163.0	24452.5	26.0	-57.6	99.9	999.9	99.9	99.9	99.9	612.1	999.9	99.9	999.9	999.9	999.
85.8	164.0	24957.7	24.0	-57.6	99.9	999.9	99.9	99.9	99.9	626.2	999.9	99.9	999.9	999.9	999.

STATION NO. 226  
CENTERVILLE, ALA

5 FEBRUARY 1975  
2314 GMT

155 13. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	140.0	996.6	16.5	8.5	260.0	3.6	3.5	0.6	290.9	309.3	7.0	59.0	0.0	0.
0.3	7.0	222.4	987.0	16.3	6.0	999.9	99.9	99.9	99.9	291.3	307.2	6.0	50.6	999.9	999.
0.7	8.0	317.7	976.0	15.9	5.6	999.9	99.9	99.9	99.9	291.8	307.7	5.9	51.1	999.9	999.
1.0	9.0	422.6	964.0	14.8	5.3	999.9	99.9	99.9	99.9	291.8	307.4	5.8	52.8	999.9	999.
1.4	10.0	519.6	953.0	13.9	5.0	999.9	99.9	99.9	99.9	291.8	307.2	5.8	55.0	999.9	999.
1.8	11.0	644.2	939.0	12.9	4.6	999.9	99.9	99.9	99.9	292.0	307.2	5.7	57.1	999.9	999.
2.1	12.0	743.1	928.0	11.9	4.3	999.9	99.9	99.9	99.9	292.0	307.1	5.6	59.6	999.9	999.
2.4	13.0	833.7	918.0	10.8	4.0	999.9	99.9	99.9	99.9	291.7	306.6	5.6	62.6	999.9	999.
2.7	14.0	934.1	907.0	9.7	3.6	999.9	99.9	99.9	99.9	291.6	306.3	5.5	65.8	999.9	999.
3.1	15.0	1035.3	896.0	8.6	3.4	999.9	99.9	99.9	99.9	291.4	306.1	5.5	69.8	999.9	999.
3.5	16.0	1165.6	882.0	7.9	3.5	999.9	99.9	99.9	99.9	292.0	307.0	5.6	73.7	999.9	999.
3.8	17.0	1269.0	871.0	6.6	3.5	999.9	99.9	99.9	99.9	291.8	307.0	5.7	80.4	999.9	999.
4.2	18.0	1363.8	861.0	5.8	3.1	999.9	99.9	99.9	99.9	291.8	306.8	5.6	83.2	999.9	999.
4.4	19.0	1459.4	851.0	4.9	2.5	999.9	99.9	99.9	99.9	291.9	306.4	5.4	84.7	999.9	999.
4.8	20.0	1565.5	840.0	4.0	1.9	999.9	99.9	99.9	99.9	292.0	306.1	5.2	85.8	999.9	999.
5.2	21.0	1692.3	827.0	2.9	0.5	999.9	99.9	99.9	99.9	292.1	305.4	4.9	86.7	999.9	999.
5.5	22.0	1800.7	816.0	2.2	1.2	999.9	99.9	99.9	99.9	292.5	306.5	5.2	93.8	999.9	999.
5.9	23.0	1910.4	805.0	2.0	-8.1	999.9	99.9	99.9	99.9	293.1	300.4	2.6	47.0	999.9	999.
6.2	24.0	2001.3	796.0	3.2	-25.8	999.9	99.9	99.9	99.9	295.0	296.9	0.6	9.6	999.9	999.
6.5	25.0	2103.9	786.0	4.2	-31.6	999.9	99.9	99.9	99.9	297.2	298.3	0.3	5.2	999.9	999.
6.8	26.0	2239.5	773.0	4.7	-34.3	999.9	99.9	99.9	99.9	299.1	300.0	0.3	3.9	999.9	999.
7.1	27.0	2345.3	763.0	3.9	-33.1	999.9	99.9	99.9	99.9	299.3	300.3	0.3	4.6	999.9	999.
7.4	28.0	2452.2	753.0	3.0	-33.5	999.9	99.9	99.9	99.9	299.5	300.5	0.3	4.7	999.9	999.
7.8	29.0	2560.2	743.0	2.2	-33.9	999.9	99.9	99.9	99.9	299.8	300.7	0.3	4.8	999.9	999.
8.1	30.0	2658.4	734.0	1.2	-33.2	999.9	99.9	99.9	99.9	299.8	300.8	0.3	5.5	999.9	999.
8.4	31.0	2768.5	724.0	0.7	-32.4	999.9	99.9	99.9	99.9	300.4	301.5	0.3	6.2	999.9	999.
8.7	32.0	2880.0	714.0	0.1	-31.8	999.9	99.9	99.9	99.9	300.9	302.1	0.4	6.9	999.9	999.
9.1	33.0	2992.7	704.0	-0.9	-31.5	999.9	99.9	99.9	99.9	301.0	302.3	0.4	7.6	999.9	999.
9.4	34.0	3095.2	695.0	-1.7	-32.0	999.9	99.9	99.9	99.9	301.3	302.5	0.4	7.7	999.9	999.
9.8	35.0	3198.7	686.0	-2.6	-34.3	999.9	99.9	99.9	99.9	301.3	302.3	0.3	6.5	999.9	999.
10.2	36.0	3350.1	673.0	-3.4	-33.9	999.9	99.9	99.9	99.9	302.1	303.2	0.3	7.2	999.9	999.
10.5	37.0	3456.2	664.0	-4.6	-36.5	999.9	99.9	99.9	99.9	301.9	302.7	0.2	6.1	999.9	999.
10.9	38.0	3563.4	655.0	-5.5	-34.4	999.9	99.9	99.9	99.9	302.1	303.1	0.3	8.0	999.9	999.
11.3	39.0	3671.6	646.0	-6.9	-32.2	999.9	99.9	99.9	99.9	301.7	303.0	0.4	11.1	999.9	999.
11.6	40.0	3780.9	637.0	-7.9	-31.9	999.9	99.9	99.9	99.9	301.8	303.1	0.4	12.4	999.9	999.
12.1	41.0	3928.5	625.0	-8.5	-31.5	999.9	99.9	99.9	99.9	302.8	304.2	0.4	13.5	999.9	999.
12.5	42.0	4028.4	617.0	-8.2	-39.0	999.9	99.9	99.9	99.9	304.2	304.8	0.2	5.8	999.9	999.
12.9	43.0	4142.4	608.0	-8.5	-40.5	999.9	99.9	99.9	99.9	305.1	305.7	0.2	5.2	999.9	999.
13.3	44.0	4257.9	599.0	-9.1	-39.7	999.9	99.9	99.9	99.9	305.7	306.5	0.2	6.5	999.9	999.
13.7	45.0	4374.9	590.0	-9.7	-31.2	253.0	40.5	38.8	11.9	306.4	308.0	0.5	15.2	17.0	81.
14.1	46.0	4480.2	582.0	-10.2	-28.0	253.0	43.0	41.2	12.6	307.0	309.1	0.6	21.6	18.0	80.
14.4	47.0	4600.0	573.0	-11.4	-26.3	253.4	43.0	41.2	12.2	307.0	309.5	0.8	27.8	18.8	80.
14.8	48.0	4721.2	564.0	-12.2	-25.7	254.8	41.6	40.1	10.9	307.4	310.1	0.8	31.4	19.9	80.
15.1	49.0	4830.2	556.0	-13.2	-23.5	256.2	40.1	39.0	9.5	307.5	310.9	1.0	42.4	20.7	79.
15.5	50.0	4940.5	548.0	-13.8	-25.0	258.5	38.0	37.3	7.6	308.1	311.0	0.9	36.9	21.5	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

5 FEBRUARY 1975  
2314 GMT

155 13. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.9	51.0	5094.7	537.0	-13.5	-28.1	259.7	37.1	36.5	6.6	310.2	312.5	0.7	27.9	22.4	79.
16.3	52.0	5208.7	529.0	-14.5	-29.1	259.9	36.5	36.0	6.4	310.4	312.5	0.6	27.5	23.3	79.
16.7	53.0	5338.6	520.0	-15.3	-29.7	259.4	36.4	35.8	6.7	310.9	313.0	0.6	27.9	24.2	79.
17.1	54.0	5455.5	512.0	-16.3	-30.2	258.2	37.0	36.2	7.6	311.1	313.1	0.6	28.7	25.0	79.
17.5	55.0	5573.9	504.0	-17.0	-31.0	256.6	39.2	38.2	9.1	311.7	313.6	0.6	28.3	25.8	79.
17.9	56.0	5708.8	495.0	-18.1	-32.0	255.0	43.6	42.1	11.3	311.9	313.7	0.5	28.0	26.7	79.
18.3	57.0	5830.4	487.0	-19.0	-32.7	253.7	46.1	44.2	12.9	312.2	313.9	0.5	28.4	27.9	79.
18.7	58.0	5953.6	479.0	-19.5	-34.3	252.6	45.1	43.0	13.5	313.0	314.5	0.4	25.4	29.2	79.
19.1	59.0	6078.5	471.0	-20.4	-36.4	251.4	41.0	38.9	13.1	313.5	314.7	0.4	22.2	30.4	79.
19.4	60.0	6189.3	464.0	-21.0	-37.1	250.3	37.6	35.4	12.7	314.0	315.2	0.3	21.8	31.0	78.
19.8	61.0	6317.5	456.0	-22.0	-38.3	249.0	37.1	34.6	13.3	314.4	315.5	0.3	20.9	31.6	78.
20.2	62.0	6431.1	449.0	-22.9	-39.1	248.1	39.8	36.9	14.8	314.6	315.6	0.3	21.0	32.5	78.
20.5	63.0	6546.1	442.0	-24.0	-39.3	247.7	43.1	39.9	16.4	314.7	315.6	0.3	21.5	33.2	78.
20.9	64.0	6679.1	434.0	-25.3	-39.7	247.1	46.3	42.7	18.0	314.7	315.6	0.3	24.5	34.3	77.
21.2	65.0	6814.0	426.0	-25.9	-41.4	246.8	47.4	43.5	18.7	315.5	316.3	0.2	21.6	35.2	77.
21.7	66.0	6985.7	416.0	-26.9	-43.9	246.4	47.2	43.2	18.9	316.5	317.1	0.2	18.0	36.7	77.
22.1	67.0	7107.9	409.0	-27.8	-46.2	246.4	46.4*	42.5	18.5	316.8	317.3	0.1	15.1	37.8	76.
22.4	68.0	7231.7	402.0	-28.7	-47.0	246.6	46.3*	42.5	18.4	317.2	317.7	0.1	15.2	38.6	76.
22.8	69.0	7357.2	395.0	-29.9	-47.3	246.8	48.1*	44.2	18.9	317.2	317.7	0.1	15.3	39.6	76.
23.3	70.0	7484.3	388.0	-30.9	-49.0	247.2	50.9*	46.9	19.7	317.5	317.9	0.1	14.9	41.0	76.
23.7	71.0	7650.4	379.0	-32.1	-49.9	247.6	51.2*	47.4	19.5	318.0	318.4	0.1	15.0	42.4	75.
24.1	72.0	7762.8	373.0	-33.3	-50.3	248.1	49.4*	45.8	18.4	317.9	318.3	0.1	16.1	43.7	75.
24.4	73.0	7895.6	366.0	-34.5	-51.5	248.3	47.2*	43.8	17.4	318.0	318.4	0.1	15.7	44.5	75.
24.8	74.0	8030.3	359.0	-35.3	-51.7	248.0	46.1*	42.8	17.3	318.7	319.1	0.1	16.7	45.5	75.
25.2	75.0	8147.5	353.0	-36.2	-52.2	247.3	47.4*	43.7	18.3	319.0	319.3	0.1	17.3	46.6	75.
25.5	76.0	8286.1	346.0	-37.6	-53.0	246.7	49.6*	45.5	19.6	319.0	319.3	0.1	17.9	47.5	75.
26.0	77.0	8406.5	340.0	-38.8	-53.5	246.3	55.7*	51.0	22.3	319.0	319.3	0.1	18.9	48.7	74.
26.4	78.0	8549.1	333.0	-39.6	99.9	246.4	58.1*	53.2	23.2	319.9	999.9	99.9	999.9	50.4	74.
26.8	79.0	8673.1	327.0	-41.1	99.9	246.5	55.8*	51.2	22.3	319.5	999.9	99.9	999.9	52.0	74.
27.2	80.0	8798.7	321.0	-42.1	99.9	246.3	50.7*	46.5	20.4	319.8	999.9	99.9	999.9	53.3	74.
27.7	81.0	8968.9	313.0	-43.6	99.9	245.3	44.5*	40.4	18.6	320.0	999.9	99.9	999.9	54.5	73.
28.2	82.0	9098.7	307.0	-44.7	99.9	243.8	43.7*	39.2	19.3	320.2	999.9	99.9	999.9	55.7	73.
28.6	83.0	9230.4	301.0	-46.0	99.9	243.0	47.2*	42.1	21.4	320.2	999.9	99.9	999.9	56.7	73.
29.1	84.0	9364.0	295.0	-47.2	99.9	242.9	54.0*	48.1	24.6	320.4	999.9	99.9	999.9	58.0	73.
29.4	85.0	9499.6	289.0	-48.5	99.9	242.8	56.6*	50.3	25.8	320.4	999.9	99.9	999.9	59.3	73.
30.1	86.0	9660.6	282.0	-49.7	99.9	241.6	54.1*	47.6	25.7	321.0	999.9	99.9	999.9	61.8	72.
30.4	87.0	9801.0	276.0	-50.9	99.9	240.5	51.8*	45.1	25.5	321.2	999.9	99.9	999.9	62.7	72.
30.9	88.0	9919.8	271.0	-51.6	99.9	238.4	51.7*	44.1	27.1	321.8	999.9	99.9	999.9	63.9	72.
31.3	89.0	10064.8	265.0	-52.6	99.9	236.7	54.0*	45.1	29.6	322.5	999.9	99.9	999.9	65.2	72.
31.8	90.0	10187.5	260.0	-53.7	99.9	235.2	56.8*	46.6	32.4	322.7	999.9	99.9	999.9	66.9	71.
32.3	91.0	10337.3	254.0	-54.6	99.9	235.0	58.2*	47.7	33.3	323.4	999.9	99.9	999.9	68.5	71.
32.8	92.0	10464.2	249.0	-55.7	99.9	236.9	58.9*	49.4	32.2	323.6	999.9	99.9	999.9	70.2	70.
33.3	93.0	10593.2	244.0	-56.4	99.9	239.0	59.1*	50.6	30.5	324.5	999.9	99.9	999.9	71.9	70.
33.8	94.0	10751.2	238.0	-56.6	99.9	238.0	57.1*	48.4	30.2	326.5	999.9	99.9	999.9	73.8	70.
34.2	95.0	10885.7	233.0	-57.4	99.9	235.0	54.4*	44.6	31.2	327.3	999.9	99.9	999.9	75.2	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

5 FEBRUARY 1975  
2314 GMT

155 13. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
34.9	96.0	11050.2	227.0	-58.2	99.9	229.7	52.1*	39.7	33.7	328.4	999.9	99.9	999.9	77.1	69.
35.3	97.0	11190.2	222.0	-58.9	99.9	229.0	53.6*	40.4	35.1	329.5	999.9	99.9	999.9	78.3	69.
35.8	98.0	11333.2	217.0	-58.6	99.9	229.4	56.9*	43.2	37.0	332.2	999.9	99.9	999.9	79.8	68.
36.3	99.0	11479.9	212.0	-58.1	99.9	230.6	60.8*	47.0	38.6	335.2	999.9	99.9	999.9	81.5	68.
36.9	100.0	11600.3	208.0	-56.6	99.9	233.3	64.8*	51.9	38.8	339.4	999.9	99.9	999.9	83.6	67.
37.6	101.0	11786.6	202.0	-55.1	99.9	237.3	65.2*	54.8	35.2	344.6	999.9	99.9	999.9	86.4	67.
38.1	102.0	11947.3	197.0	-53.7	99.9	240.0	62.5*	54.1	31.3	349.3	999.9	99.9	999.9	88.5	67.
38.6	103.0	12079.1	193.0	-53.7	99.9	241.1	61.6*	54.0	27.8	351.4	999.9	99.9	999.9	90.1	67.
39.1	104.0	12247.8	188.0	-53.8	99.9	240.4	64.2*	55.8	31.7	353.8	999.9	99.9	999.9	91.9	67.
39.7	105.0	12385.9	184.0	-54.1	99.9	240.1	65.5*	56.8	32.6	355.4	999.9	99.9	999.9	94.4	67.
40.2	106.0	12526.8	180.0	-54.6	99.9	241.5	62.8*	55.2	30.0	356.9	999.9	99.9	999.9	96.4	66.
40.8	107.0	12706.9	175.0	-55.1	99.9	243.9	59.6*	53.5	26.2	359.0	999.9	99.9	999.9	98.5	66.
41.3	108.0	12854.2	171.0	-56.1	99.9	245.0	59.4*	53.9	25.1	359.7	999.9	99.9	999.9	100.2	66.
41.8	109.0	13004.5	167.0	-56.7	99.9	245.0	59.9*	54.3	25.3	361.1	999.9	99.9	999.9	102.0	66.
42.3	110.0	13158.0	163.0	-57.4	99.9	244.5	58.3*	52.6	25.1	362.5	999.9	99.9	999.9	103.9	66.
42.9	111.0	13354.6	158.0	-57.9	99.9	244.5	53.4*	48.2	23.0	364.9	999.9	99.9	999.9	106.1	66.
44.1	112.0	13515.9	154.0	-58.9	99.9	244.7	65.5*	59.2	28.0	365.8	999.9	99.9	999.9	109.5	66.
44.1	113.0	13680.8	150.0	-59.6	99.9	244.7	65.5*	59.2	28.0	367.4	999.9	99.9	999.9	109.5	66.
44.7	114.0	13849.5	146.0	-60.5	99.9	244.6	68.7*	62.1	29.5	368.7	999.9	99.9	999.9	112.6	66.
45.2	115.0	14022.3	142.0	-60.9	99.9	244.8	62.7*	56.7	26.7	371.0	999.9	99.9	999.9	114.5	66.
46.0	116.0	14199.9	138.0	-61.2	99.9	244.0	50.1*	45.1	22.0	373.4	999.9	99.9	999.9	117.3	66.
46.5	117.0	14382.0	134.0	-62.3	99.9	242.6	47.1*	41.8	21.7	374.6	999.9	99.9	999.9	118.7	66.
47.1	118.0	14521.5	131.0	-63.3	99.9	242.7	51.6*	45.8	23.7	375.4	999.9	99.9	999.9	120.0	66.
47.7	119.0	14711.6	127.0	-64.4	99.9	244.6	53.1*	48.0	22.8	376.7	999.9	99.9	999.9	122.4	66.
48.2	120.0	14858.1	124.0	-63.6	99.9	247.5	48.6*	44.9	18.6	380.6	999.9	99.9	999.9	124.0	66.
48.8	121.0	15008.6	121.0	-62.9	99.9	251.6	44.2*	41.9	14.0	384.7	999.9	99.9	999.9	125.3	66.
49.3	122.0	15215.6	117.0	-63.1	99.9	253.6	43.6*	41.8	12.3	388.1	999.9	99.9	999.9	126.7	66.
49.8	123.0	15375.1	114.0	-64.0	99.9	253.8	42.1*	40.4	11.7	389.2	999.9	99.9	999.9	128.1	66.
50.3	124.0	15538.2	111.0	-64.6	99.9	252.7	39.0*	37.2	11.6	391.1	999.9	99.9	999.9	129.3	66.
50.9	125.0	15705.3	108.0	-65.2	99.9	249.6	36.8*	34.5	12.8	393.1	999.9	99.9	999.9	130.6	66.
51.8	126.0	15935.1	104.0	-65.4	99.9	243.3	48.1*	43.0	21.7	396.9	999.9	99.9	999.9	132.5	66.
52.3	127.0	16113.3	101.0	-65.4	99.9	241.2	55.5*	48.6	26.8	400.3	999.9	99.9	999.9	134.2	66.
53.0	128.0	16296.4	98.0	-66.2	99.9	240.0	53.2*	46.1	26.6	402.2	999.9	99.9	999.9	137.0	66.
53.6	129.0	16484.7	95.0	-66.6	99.9	240.1	44.5*	38.6	22.2	405.0	999.9	99.9	999.9	138.4	66.
54.2	130.0	16679.0	92.0	-66.4	99.9	240.0	39.7*	34.4	17.8	409.1	999.9	99.9	999.9	139.9	66.
55.1	131.0	16947.1	88.0	-68.0	99.9	240.8	37.8*	33.0	18.5	411.1	999.9	99.9	999.9	142.0	66.
55.8	132.0	17085.1	86.0	-68.5	99.9	246.4	49.5**	45.4	19.9	412.9	999.9	99.9	999.9	143.3	66.
56.3	133.0	17298.0	83.0	-68.5	99.9	249.6	54.7**	51.2	19.1	417.1	999.9	99.9	999.9	145.2	66.
57.0	134.0	17518.5	80.0	-68.9	99.9	252.5	35.1**	33.5	10.6	420.7	999.9	99.9	999.9	148.4	66.
57.7	135.0	17670.1	78.0	-68.7	99.9	262.9	8.2**	8.1	1.0	424.2	999.9	99.9	999.9	148.2	66.
58.6	136.0	17906.9	75.0	-65.4	99.9	282.7	6.2*	6.0	-1.4	435.8	999.9	99.9	999.9	148.2	66.
59.3	137.0	18155.1	72.0	-65.8	99.9	267.1	13.5*	13.5	0.7	440.1	999.9	99.9	999.9	148.6	66.
60.1	138.0	18413.3	69.0	-66.2	99.9	260.6	27.5*	27.2	4.5	446.7	999.9	99.9	999.9	149.3	66.
60.8	139.0	18682.6	66.0	-66.6	99.9	263.0	28.9*	28.7	3.5	449.5	999.9	99.9	999.9	151.2	66.
61.7	140.0	18964.1	63.0	-66.6	99.9	264.3	24.1*	24.0	2.4	455.5	999.9	99.9	999.9	151.9	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

5 FEBRUARY 1975  
2314 GM

155 13. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTN GM/KG	PH PCT	RANGE KM	AZ DG
62.5	141.0	19260.5	60.0	-64.8	99.9	252.6	34.8*	33.2	10.4	465.9	999.9	99.9	999.9	153.4	67.
63.5	142.0	19573.3	57.0	-65.2	99.9	242.6	28.5*	25.3	13.1	471.9	999.9	99.9	999.9	155.7	67.
64.4	143.0	19790.7	55.0	-65.6	99.9	244.7	10.7*	9.7	4.6	475.8	999.9	99.9	999.9	156.6	67.
65.4	144.0	20133.3	52.0	-63.6	99.9	270.1	10.4*	10.4	-0.0	488.0	999.9	99.9	999.9	157.0	67.
66.3	145.0	20497.3	49.0	-64.4	99.9	319.4	7.4*	4.8	-5.7	494.6	999.9	99.9	999.9	157.6	67.
67.3	146.0	20750.9	47.0	-66.4	99.9	46.1	13.5*	-9.7	-9.4	495.8	999.9	99.9	999.9	157.1	67.
68.3	147.0	21149.6	44.0	-67.2	99.9	129.8	1.2*	-1.0	0.8	503.2	999.9	99.9	999.9	156.4	67.
69.4	148.0	21430.4	42.0	-67.0	99.9	246.2	29.4*	26.9	11.9	510.5	999.9	99.9	999.9	157.1	67.
73.5	149.0	21878.6	39.0	-66.4	99.9	256.5	33.5*	32.5	7.8	523.0	999.9	99.9	999.9	160.1	67.
71.6	150.0	22197.4	37.0	-66.4	99.9	271.5	22.4*	22.4	-0.6	530.9	999.9	99.9	999.9	161.1	67.
72.8	151.0	22710.6	34.0	-65.6	99.9	263.0	24.2*	24.1	3.0	546.0	999.9	99.9	999.9	163.6	67.
74.1	152.0	23079.2	32.0	-65.6	99.9	13.2	13.1*	-3.0	-12.8	555.5	999.9	99.9	999.9	163.9	68.
75.6	153.0	23679.4	29.0	-64.4	99.9	255.5	19.7*	19.0	4.9	574.6	999.9	99.9	999.9	164.2	68.
77.1	154.0	24116.8	27.0	-64.0	99.9	278.0	3.9*	3.9	-0.6	587.6	999.9	99.9	999.9	165.0	68.
78.6	155.0	24589.9	25.0	-62.5	99.9	249.9	35.5*	33.4	12.2	605.0	999.9	99.9	999.9	166.3	68.
80.3	156.0	25376.5	22.0	-63.6	99.9	269.5	19.3*	19.3	0.2	624.2	999.9	99.9	999.9	170.5	68.
82.2	157.0	25961.7	20.0	-63.4	99.9	253.1	39.3*	37.6	11.4	642.0	999.9	99.9	999.9	171.5	68.
84.3	158.0	26970.4	17.0	-59.1	99.9	251.8	37.4*	35.5	11.7	686.5	999.9	99.9	999.9	175.7	68.
86.5	159.0	27755.7	15.0	-58.8	99.9	266.8	30.5*	30.5	1.7	712.6	999.9	99.9	999.9	179.8	69.
89.1	160.0	28658.7	13.0	-56.7	99.9	999.9	99.9	99.9	99.9	749.4	999.9	99.9	999.9	999.9	999.

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
1115 GMT

148 46. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	140.0	997.2	6.7	5.7	350.0	3.1	0.5	-3.1	280.8	295.5	5.8	93.0	0.0	0.
0.3	7.0	216.2	988.0	6.1	5.5	999.9	99.9	99.9	99.9	280.9	295.6	5.8	96.3	999.9	999.
0.5	8.0	308.1	977.0	6.2	6.2	999.9	99.9	99.9	99.9	282.1	297.7	6.1	100.1	999.9	999.
0.9	9.0	392.6	967.0	6.1	5.4	999.9	99.9	99.9	99.9	282.7	297.7	5.8	95.6	999.9	999.
1.3	10.0	486.4	956.0	5.9	5.4	999.9	99.9	99.9	99.9	283.4	298.7	5.9	96.8	999.9	999.
1.6	11.0	598.8	943.0	6.2	6.0	999.9	99.9	99.9	99.9	284.9	301.0	6.2	98.1	999.9	999.
1.9	12.0	655.2	932.0	6.2	5.0	999.9	99.9	99.9	99.9	285.8	301.2	5.9	92.0	999.9	999.
2.2	13.0	774.9	923.0	6.2	4.1	999.9	99.9	99.9	99.9	286.6	301.2	5.6	86.1	999.9	999.
2.5	14.0	864.3	913.0	5.9	3.4	999.9	99.9	99.9	99.9	287.1	301.2	5.4	83.7	999.9	999.
2.9	15.0	963.7	902.0	6.2	1.4	322.8	11.6	7.0	-9.2	288.4	300.9	4.7	71.1	1.8	159.
3.3	16.0	1073.6	890.0	6.2	-6.1	303.6	12.5	9.8	-7.8	289.2	296.7	2.7	40.6	2.1	155.
3.7	17.0	1175.5	879.0	6.4	-10.4	308.7	12.6	9.8	-7.9	290.3	295.9	2.0	28.7	2.3	151.
3.9	18.0	1259.7	870.0	5.5	-13.5	315.9	11.9	8.3	-8.6	290.2	294.7	1.6	23.9	2.5	149.
4.3	19.0	1354.2	860.0	5.4	-13.5	336.3	11.0	4.4	-10.0	291.0	295.5	1.6	23.9	2.8	149.
4.6	20.0	1449.5	850.0	4.5	-13.0	314.5	9.7	6.9	-6.8	291.1	295.8	1.6	26.6	2.9	150.
5.1	21.0	1574.7	837.0	3.3	-12.8	240.8	32.4	28.3	15.8	291.1	296.0	1.7	29.5	3.2	146.
5.4	22.0	1662.3	828.0	2.6	-12.4	226.5	51.5	37.3	35.5	291.3	296.4	1.8	31.8	3.4	128.
5.7	23.0	1760.3	818.0	1.3	-9.8	222.8	49.8	33.9	36.5	291.0	297.2	2.2	43.2	3.6	111.
6.0	24.0	1859.3	808.0	1.1	-11.0	220.5	37.2	24.1	28.3	291.8	297.6	2.0	39.8	3.9	94.
6.4	25.0	1949.2	799.0	0.3	-13.6	248.8	20.7	19.3	7.5	291.8	296.6	1.7	34.2	4.3	93.
6.8	26.0	2070.5	787.0	0.2	-17.3	260.3	19.2	18.9	3.2	292.8	296.5	1.2	25.4	4.8	92.
7.1	27.0	2162.6	778.0	-0.3	-19.3	258.1	19.8	19.3	4.1	293.3	296.4	1.1	22.2	5.1	91.
7.4	28.0	2255.5	769.0	-1.0	-21.5	255.9	19.6	19.0	4.8	293.5	296.2	0.9	19.2	5.5	90.
7.9	29.0	2359.8	759.0	-1.5	-22.9	254.2	20.1	19.3	5.5	294.1	296.5	0.8	17.6	6.0	89.
8.2	30.0	2454.7	750.0	-2.1	-22.7	254.3	20.5	19.8	5.6	294.4	296.9	0.8	18.7	6.4	88.
8.5	31.0	2550.4	741.0	-2.9	-22.7	254.8	21.1	20.3	5.5	294.6	297.1	0.8	19.8	6.7	87.
8.9	32.0	2647.1	732.0	-3.7	-21.8	256.2	22.1	21.5	5.3	294.8	297.5	0.9	22.8	7.2	86.
9.2	33.0	2744.6	723.0	-4.6	-21.5	257.2	23.2	22.6	5.1	294.8	297.6	0.9	25.1	7.6	86.
9.6	34.0	2843.1	714.0	-5.2	-20.1	258.0	24.9	24.4	5.2	295.2	298.4	1.1	29.6	8.2	85.
9.9	35.0	2942.8	705.0	-5.2	-18.6	258.1	26.6	26.0	5.5	296.3	300.0	1.2	33.8	8.6	85.
10.4	36.0	3077.6	693.0	-5.3	-16.0	257.3	29.2	28.5	6.4	297.6	302.3	1.6	42.7	9.5	84.
10.7	37.0	3168.7	685.0	-5.6	-19.9	256.3	30.8	29.9	7.3	298.2	301.7	1.2	31.5	10.0	84.
11.1	38.0	3272.2	676.0	-6.4	-30.4	254.8	32.8	31.6	8.6	298.4	299.8	0.4	12.8	10.8	83.
11.4	39.0	3365.2	668.0	-7.1	-24.5	253.5	34.5	33.1	9.8	298.6	301.1	0.8	23.4	11.3	83.
11.7	40.0	3470.8	659.0	-7.7	-13.8	252.4	36.4	34.7	11.0	299.3	305.2	2.0	61.8	12.0	82.
12.1	41.0	3589.8	649.0	-8.2	-11.7	251.1	38.8	36.7	12.6	300.1	307.2	2.4	76.0	12.9	82.
12.4	42.0	3698.1	640.0	-8.9	-11.0	250.3	40.0	37.7	13.5	300.5	308.0	2.6	84.6	13.6	81.
12.9	43.0	3795.5	632.0	-9.9	-11.3	249.9	40.5	38.1	13.9	300.4	307.9	2.6	89.8	14.8	80.
13.1	44.0	3893.7	624.0	-10.9	-11.4	250.0	40.5	38.0	13.9	300.4	307.9	2.6	96.7	15.3	80.
13.5	45.0	4005.1	615.0	-12.1	-15.9	250.5	40.1	37.8	13.4	300.2	305.5	1.8	73.0	16.3	79.
13.8	46.0	4105.3	607.0	-12.2	-19.8	251.3	40.6	38.5	13.1	301.1	305.1	1.3	52.9	16.9	79.
14.2	47.0	4206.8	599.0	-12.4	-19.7	251.8	41.8	39.7	13.1	302.1	306.2	1.3	54.0	17.9	78.
14.5	48.0	4309.5	591.0	-12.5	-19.7	251.9	43.2	41.1	13.4	303.1	307.2	1.4	54.9	18.7	78.
14.9	49.0	4413.6	583.0	-12.7	-19.8	251.1	45.2	42.8	14.6	304.1	308.3	1.4	55.1	19.7	78.
15.2	50.0	4519.0	575.0	-13.4	-20.4	251.0	46.0	43.5	15.0	304.5	308.5	1.3	55.4	20.5	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975

1115 GMT

148 46. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.6	51.0	4652.3	565.0	-14.5	-21.4	251.6	45.9	43.6	14.5	304.7	308.5	1.2	55.6	21.7	77.
16.0	52.0	4760.4	557.0	-14.9	-21.8	254.0	44.4	42.7	12.2	305.4	309.2	1.2	55.6	22.9	77.
16.3	53.0	4856.0	550.0	-15.4	-22.3	256.3	44.2	42.9	10.5	305.9	309.5	1.2	55.4	23.6	77.
16.7	54.0	4966.5	542.0	-16.1	-23.0	258.2	45.5	44.5	9.3	306.3	309.8	1.1	55.1	24.5	77.
17.1	55.0	5078.4	534.0	-16.8	-23.7	258.5	47.8	46.9	9.5	306.8	310.1	1.1	55.1	25.6	77.
17.5	56.0	5220.3	524.0	-17.4	-24.2	257.8	48.8	47.7	10.3	307.8	311.1	1.0	55.1	26.9	77.
17.9	57.0	5335.5	516.0	-17.8	-24.9	257.3	44.9	43.8	9.8	308.6	311.8	1.0	53.4	28.3	77.
18.2	58.0	5437.6	509.0	-18.6	-26.2	257.1	42.4*	41.3	9.5	308.9	311.7	0.9	51.0	29.0	77.
18.7	59.0	5540.8	502.0	-19.0	-28.0	256.7	41.4*	40.2	9.5	309.6	312.0	0.8	44.7	29.9	77.
19.0	60.0	5660.3	494.0	-19.4	-30.1	256.5	43.4*	42.2	10.1	310.5	312.6	0.6	37.9	30.5	77.
19.4	61.0	5766.4	487.0	-19.7	-34.3	256.4	48.1*	46.7	11.3	311.4	312.8	0.4	25.7	31.8	77.
19.7	62.0	5873.6	480.0	-20.7	-35.7	256.4	50.2*	48.8	11.8	311.3	312.6	0.4	24.5	32.8	77.
20.1	63.0	5982.1	473.0	-21.7	-35.8	255.5	51.7*	50.3	12.1	311.5	312.8	0.4	26.5	34.1	77.
20.6	64.0	6091.7	466.0	-22.9	-34.1	256.5	51.5*	50.1	12.0	311.4	312.9	0.4	34.7	35.5	77.
20.9	65.0	6202.4	459.0	-23.8	-34.3	256.3	51.0*	49.6	12.1	311.5	313.1	0.5	37.3	36.5	77.
21.4	66.0	6346.8	450.0	-25.0	-34.6	255.8	49.9*	48.4	12.3	311.8	313.3	0.4	40.2	38.1	77.
21.9	67.0	6460.5	443.0	-26.0	-34.1	254.9	49.1*	47.4	12.8	311.9	313.5	0.5	46.4	39.5	77.
22.2	68.0	6575.7	436.0	-26.7	-34.9	254.3	49.0*	47.2	13.2	312.5	314.0	0.4	45.4	40.4	77.
22.5	69.0	6675.6	430.0	-27.4	-37.1	253.7	49.0*	47.0	13.8	312.9	314.1	0.4	38.9	41.3	77.
22.9	70.0	6793.6	423.0	-28.0	-38.2	252.6	49.5*	47.2	14.8	313.5	314.6	0.3	36.9	42.4	77.
23.3	71.0	6930.6	415.0	-28.7	-39.7	251.7	51.7*	49.1	16.2	314.4	315.4	0.3	33.5	43.6	77.
23.7	72.0	7052.1	408.0	-29.7	-39.8	251.4	55.5*	52.6	17.7	314.5	315.6	0.3	36.6	44.8	76.
24.1	73.0	7157.6	402.0	-30.6	-38.8	251.5	59.5*	56.4	18.9	314.7	315.8	0.3	44.2	46.1	76.
24.4	74.0	7282.2	395.0	-31.4	-39.5	251.8	60.6*	57.6	18.9	315.3	316.3	0.3	44.6	47.4	76.
24.8	75.0	7390.3	389.0	-32.6	-40.9	252.4	56.6*	53.9	17.1	315.1	316.0	0.3	43.0	49.1	76.
25.2	76.0	7499.7	383.0	-33.5	-42.1	252.8	50.4*	48.1	14.9	315.3	316.1	0.2	41.4	50.4	76.
25.5	77.0	7628.9	376.0	-34.4	-43.0	252.8	45.4*	43.3	13.4	315.7	316.5	0.2	41.0	51.1	76.
25.9	78.0	7741.1	370.0	-35.6	-44.0	251.1	46.0*	43.5	14.9	315.6	316.3	0.2	41.6	51.8	76.
26.3	79.0	7854.7	364.0	-36.5	-44.6	249.5	51.8*	48.5	18.1	315.8	316.5	0.2	42.7	53.0	76.
26.7	80.0	7969.6	358.0	-37.7	-44.6	248.8	60.0*	56.0	21.8	315.8	316.5	0.2	48.0	54.3	76.
27.1	81.0	8105.4	351.0	-38.8	-44.5	248.6	67.8*	63.1	24.8	316.1	316.8	0.2	54.1	55.8	75.
27.6	82.0	8223.5	345.0	-40.0	99.9	248.3	71.0*	66.0	26.2	316.1	999.9	99.9	999.9	58.1	75.
27.9	83.0	8343.0	339.0	-41.2	99.9	247.8	67.7*	62.7	25.6	316.0	999.9	99.9	999.9	59.7	75.
28.3	84.0	8484.4	332.0	-42.3	99.9	247.2	60.1*	55.4	23.2	316.4	999.9	99.9	999.9	61.2	75.
28.7	85.0	8586.8	327.0	-43.3	99.9	247.4	52.8*	48.7	20.3	316.5	999.9	99.9	999.9	62.3	75.
29.2	86.0	8732.1	320.0	-44.4	99.9	249.2	47.6*	44.5	16.9	316.9	999.9	99.9	999.9	63.7	74.
29.6	87.0	8837.4	315.0	-45.6	99.9	251.3	46.6*	44.2	15.0	316.6	999.9	99.9	999.9	64.9	74.
30.1	88.0	8965.2	309.0	-46.8	99.9	253.0	49.2*	47.0	14.4	316.8	999.9	99.9	999.9	66.2	74.
30.5	89.0	9073.2	304.0	-47.6	99.9	253.5	54.4*	52.2	15.4	317.0	999.9	99.9	999.9	67.3	74.
30.9	90.0	9204.6	298.0	-48.6	99.9	253.4	62.4*	59.8	17.8	317.4	999.9	99.9	999.9	68.6	74.
31.3	91.0	9315.6	293.0	-49.7	99.9	253.2	67.3*	64.5	19.4	317.5	999.9	99.9	999.9	70.3	74.
31.8	92.0	9450.8	287.0	-50.4	99.9	253.2	65.8*	63.0	19.0	318.3	999.9	99.9	999.9	72.8	74.
32.2	93.0	9565.3	282.0	-51.1	99.9	253.3	59.7*	57.1	17.1	318.9	999.9	99.9	999.9	74.3	74.
32.7	94.0	9681.5	277.0	-51.7	99.9	253.2	52.1*	49.9	15.1	319.7	999.9	99.9	999.9	75.7	74.
33.2	95.0	9799.4	272.0	-52.6	99.9	252.7	49.6*	47.4	14.7	320.0	999.9	99.9	999.9	77.2	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
1115 GMT

148 46. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.8	96.0	9943.1	266.0	-53.7	99.9	252.9	51.6*	49.3	15.2	320.5	999.9	99.9	999.9	79.0	74.
34.2	97.0	10064.8	261.0	-54.8	99.9	253.7	54.2*	52.0	15.2	320.6	999.9	99.9	999.9	80.2	74.
34.7	98.0	10188.2	256.0	-55.8	99.9	255.3	59.0*	57.1	14.9	321.0	999.9	99.9	999.9	81.8	74.
35.1	99.0	10313.6	251.0	-56.3	99.9	256.6	63.3*	61.6	14.6	322.1	999.9	99.9	999.9	83.3	74.
35.7	100.0	10441.3	246.0	-56.9	99.9	258.0	66.0*	64.5	13.7	323.0	999.9	99.9	999.9	85.8	74.
36.2	101.0	10597.3	240.0	-57.9	99.9	258.6	64.4*	63.2	12.8	323.8	999.9	99.9	999.9	87.9	74.
36.7	102.0	10729.8	235.0	-58.7	99.9	258.4	63.9*	62.6	12.9	324.5	999.9	99.9	999.9	89.6	74.
37.2	103.0	10837.5	231.0	-59.4	99.9	257.3	70.1	68.4	15.4	325.0	999.9	99.9	999.9	91.4	75.
37.7	104.0	10974.3	226.0	-59.9	99.9	999.9	99.9	99.9	99.9	326.3	999.9	99.9	999.9	999.9	999.
38.2	105.0	11085.8	222.0	-60.3	99.9	999.9	99.9	99.9	99.9	327.4	999.9	99.9	999.9	999.9	999.
38.7	106.0	11227.8	217.0	-60.3	99.9	999.9	99.9	99.9	99.9	329.6	999.9	99.9	999.9	999.9	999.
39.2	107.0	11373.9	212.0	-58.2	99.9	999.9	99.9	99.9	99.9	335.0	999.9	99.9	999.9	999.9	999.
39.8	108.0	11494.3	208.0	-56.6	99.9	999.9	99.9	99.9	99.9	339.4	999.9	99.9	999.9	999.9	999.
40.2	109.0	11617.2	204.0	-57.4	99.9	999.9	99.9	99.9	99.9	340.0	999.9	99.9	999.9	999.9	999.
40.6	110.0	11742.0	200.0	-58.6	99.9	999.9	99.9	99.9	99.9	340.1	999.9	99.9	999.9	999.9	999.
41.0	111.0	11933.0	194.0	-59.6	99.9	999.9	99.9	99.9	99.9	341.4	999.9	99.9	999.9	999.9	999.
41.4	112.0	12063.1	190.0	-60.6	99.9	999.9	99.9	99.9	99.9	341.8	999.9	99.9	999.9	999.9	999.
42.1	113.0	12195.4	186.0	-61.1	99.9	999.9	99.9	99.9	99.9	343.0	999.9	99.9	999.9	999.9	999.
42.6	114.0	12330.8	182.0	-59.9	99.9	999.9	99.9	99.9	99.9	347.1	999.9	99.9	999.9	999.9	999.
43.1	115.0	12469.8	178.0	-59.1	99.9	999.9	99.9	99.9	99.9	350.7	999.9	99.9	999.9	999.9	999.
43.7	116.0	12649.2	173.0	-57.4	99.9	999.9	99.9	99.9	99.9	356.4	999.9	99.9	999.9	999.9	999.
44.2	117.0	12797.1	169.0	-57.2	99.9	999.9	99.9	99.9	99.9	359.0	999.9	99.9	999.9	999.9	999.
44.9	118.0	12948.5	165.0	-57.4	99.9	999.9	99.9	99.9	99.9	361.2	999.9	99.9	999.9	999.9	999.
45.5	119.0	13064.3	162.0	-58.2	99.9	999.9	99.9	99.9	99.9	361.7	999.9	99.9	999.9	999.9	999.
46.0	120.0	13221.7	158.0	-58.2	99.9	999.9	99.9	99.9	99.9	364.3	999.9	99.9	999.9	999.9	999.
46.5	121.0	13383.0	154.0	-58.6	99.9	999.9	99.9	99.9	99.9	366.4	999.9	99.9	999.9	999.9	999.
47.1	122.0	13506.6	151.0	-58.6	99.9	999.9	99.9	99.9	99.9	368.5	999.9	99.9	999.9	999.9	999.
47.6	123.0	13675.1	147.0	-59.4	99.9	999.9	99.9	99.9	99.9	369.9	999.9	99.9	999.9	999.9	999.
48.2	124.0	13847.3	143.0	-60.6	99.9	999.9	99.9	99.9	99.9	370.7	999.9	99.9	999.9	999.9	999.
48.7	125.0	13979.1	140.0	-61.3	99.9	999.9	99.9	99.9	99.9	371.7	999.9	99.9	999.9	999.9	999.
49.5	126.0	14158.6	136.0	-62.0	99.9	999.9	99.9	99.9	99.9	373.6	999.9	99.9	999.9	999.9	999.
50.0	127.0	14342.8	132.0	-63.1	99.9	999.9	99.9	99.9	99.9	374.8	999.9	99.9	999.9	999.9	999.
50.6	128.0	14483.9	129.0	-64.0	99.9	999.9	99.9	99.9	99.9	375.6	999.9	99.9	999.9	999.9	999.
51.2	129.0	14676.9	125.0	-63.9	99.9	999.9	99.9	99.9	99.9	379.4	999.9	99.9	999.9	999.9	999.
51.8	130.0	14826.0	122.0	-63.5	99.9	999.9	99.9	99.9	99.9	382.7	999.9	99.9	999.9	999.9	999.
52.5	131.0	15030.3	118.0	-64.4	99.9	999.9	99.9	99.9	99.9	384.6	999.9	99.9	999.9	999.9	999.
53.1	132.0	15188.0	115.0	-63.7	99.9	999.9	99.9	99.9	99.9	388.9	999.9	99.9	999.9	999.9	999.
53.7	133.0	15349.8	112.0	-64.6	99.9	999.9	99.9	99.9	99.9	390.1	999.9	99.9	999.9	999.9	999.
54.3	134.0	15515.4	109.0	-65.4	99.9	999.9	99.9	99.9	99.9	391.7	999.9	99.9	999.9	999.9	999.
54.9	135.0	15685.2	106.0	-65.4	99.9	999.9	99.9	99.9	99.9	394.8	999.9	99.9	999.9	999.9	999.
55.6	136.0	15919.3	102.0	-65.4	99.9	999.9	99.9	99.9	99.9	399.2	999.9	99.9	999.9	999.9	999.
56.3	137.0	16101.0	99.0	-65.4	99.9	999.9	99.9	99.9	99.9	402.6	999.9	99.9	999.9	999.9	999.
57.1	138.0	16351.3	95.0	-66.5	99.9	999.9	99.9	99.9	99.9	405.1	999.9	99.9	999.9	999.9	999.
58.0	139.0	16612.4	91.0	-65.4	99.9	999.9	99.9	99.9	99.9	412.4	999.9	99.9	999.9	999.9	999.
58.8	140.0	16816.0	88.0	-66.2	99.9	999.9	99.9	99.9	99.9	414.8	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
1115 GMT

148 46. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
59.5	141.0	17026.5	85.0	-66.0	99.9	999.9	99.9	99.9	99.9	419.4	999.9	99.9	999.9	999.9	999.
60.4	142.0	17319.8	81.0	-64.8	99.9	999.9	99.9	99.9	99.9	427.6	999.9	99.9	999.9	999.9	999.
61.2	143.0	17549.4	78.0	-66.2	99.9	999.9	99.9	99.9	99.9	429.4	999.9	99.9	999.9	999.9	999.
62.1	144.0	17787.5	75.0	-65.6	99.9	999.9	99.9	99.9	99.9	435.5	999.9	99.9	999.9	999.9	999.
62.9	145.0	18121.9	71.0	-64.2	99.9	999.9	99.9	99.9	99.9	445.2	999.9	99.9	999.9	999.9	999.
63.8	146.0	18386.2	68.0	-64.0	99.9	999.9	99.9	99.9	99.9	451.1	999.9	99.9	999.9	999.9	999.
64.8	147.0	18661.8	65.0	-65.2	99.9	999.9	99.9	99.9	99.9	454.5	999.9	99.9	999.9	999.9	999.
65.7	148.0	18950.1	62.0	-64.6	99.9	999.9	99.9	99.9	99.9	461.9	999.9	99.9	999.9	999.9	999.
67.0	149.0	19357.6	58.0	-64.4	99.9	999.9	99.9	99.9	99.9	471.3	999.9	99.9	999.9	999.9	999.
68.1	150.0	19682.5	55.0	-64.2	99.9	999.9	99.9	99.9	99.9	478.9	999.9	99.9	999.9	999.9	999.
69.3	151.0	20025.6	52.0	-64.4	99.9	999.9	99.9	99.9	99.9	486.2	999.9	99.9	999.9	999.9	999.
70.6	152.0	20388.4	49.0	-65.0	99.9	999.9	99.9	99.9	99.9	493.2	999.9	99.9	999.9	999.9	999.
71.9	153.0	20773.8	46.0	-64.8	99.9	999.9	99.9	99.9	99.9	502.7	999.9	99.9	999.9	999.9	999.

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
1455 GMT

161 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	140.0	993.3	6.7	4.7	330.0	3.6	1.8	-3.1	281.1	294.9	5.4	87.0	0.0	0.
0.2	7.0	183.8	989.0	4.8	3.3	315.2	7.6	5.3	-5.4	279.5	292.1	4.9	90.5	0.1	124.
0.5	8.0	275.1	977.0	4.1	3.6	315.2	7.6	5.3	-5.4	279.7	292.7	5.1	96.7	0.1	124.
0.8	9.0	367.2	966.0	3.1	3.0	313.1	7.6	5.5	-5.2	279.6	292.2	4.9	99.8	0.3	129.
1.2	10.0	460.0	955.0	2.2	2.2	309.7	8.3	6.4	-5.3	279.6	291.7	4.7	100.2	0.5	130.
1.7	11.0	570.9	942.0	2.4	2.3	305.7	10.0	8.1	-5.8	280.9	293.3	4.8	99.5	0.7	129.
1.9	12.0	665.8	931.0	1.7	1.7	304.2	10.5	8.7	-5.9	281.2	293.2	4.7	100.3	0.9	129.
2.2	13.0	752.9	921.0	0.9	0.9	301.3	11.2	9.6	-5.8	281.2	292.7	4.5	100.2	1.1	128.
2.6	14.0	840.7	911.0	0.6	0.6	296.3	12.2	10.9	-5.4	281.2	293.1	4.4	100.2	1.3	126.
2.9	15.0	938.4	900.0	0.6	0.6	291.0	13.0	12.2	-4.7	282.2	294.3	4.4	100.2	1.6	125.
3.3	16.0	1055.6	887.0	1.4	1.4	279.0	12.1	12.0	-1.9	284.8	297.3	4.8	100.3	1.9	121.
3.7	17.0	1147.0	877.0	1.4	1.4	265.1	11.5	11.4	1.0	285.7	298.4	4.8	100.3	2.1	118.
4.1	18.0	1239.5	867.0	1.4	1.4	254.7	12.2	11.8	3.2	286.6	299.6	4.9	100.3	2.3	113.
4.4	19.0	1342.5	856.0	1.4	1.4	250.4	14.1	13.3	4.7	287.7	300.8	5.0	100.5	2.5	110.
4.8	20.0	1437.4	846.0	2.1	2.1	247.3	16.8	15.4	6.5	289.4	303.4	5.3	100.6	2.8	105.
5.1	21.0	1552.8	834.0	1.4	1.4	246.5	18.2	16.7	7.3	289.8	303.5	5.1	100.5	3.0	101.
5.4	22.0	1659.5	823.0	-0.4	-3.7	247.6	18.6	17.2	7.1	288.9	298.5	3.5	78.0	3.3	98.
5.8	23.0	1757.4	813.0	-0.2	-7.3	248.4	19.3	17.9	7.1	289.9	297.5	2.7	58.9	3.7	94.
6.1	24.0	1856.5	803.0	-0.4	-11.2	248.3	19.7	18.3	7.3	290.7	296.4	2.0	43.7	4.0	92.
6.3	25.0	1956.8	793.0	-0.0	-13.2	247.3	20.0	18.5	7.7	292.0	297.1	1.7	36.2	4.3	91.
6.8	26.0	2078.8	781.0	-0.4	-17.4	246.8	21.3	19.6	8.4	292.9	296.6	1.2	26.1	4.8	88.
7.1	27.0	2171.4	772.0	-0.8	-16.1	247.2	22.2	20.4	9.6	293.4	297.5	1.4	30.3	5.2	86.
7.4	28.0	2275.4	762.0	-1.2	-17.6	247.6	22.7	20.9	8.6	294.1	297.9	1.3	27.3	5.6	85.
7.7	29.0	2380.6	752.0	-2.0	-17.6	248.5	22.9	21.3	8.4	294.4	298.2	1.3	28.9	6.0	84.
8.0	30.0	2476.1	743.0	-2.7	-19.1	249.6	23.0	21.5	8.0	294.5	297.9	1.1	27.0	6.4	82.
8.3	31.0	2572.6	734.0	-3.4	-20.0	251.2	23.3	22.1	7.5	294.9	298.1	1.1	26.2	6.8	82.
8.7	32.0	2681.1	724.0	-3.4	-16.9	252.9	24.2	23.1	7.1	296.1	300.2	1.4	34.0	7.3	81.
9.0	33.0	2779.9	715.0	-4.1	-15.0	253.8	25.0	24.0	7.0	296.3	301.2	1.7	42.4	7.8	81.
9.3	34.0	2890.9	705.0	-4.6	-16.8	254.5	25.9	24.9	6.9	297.0	301.3	1.5	37.8	8.3	80.
9.7	35.0	2991.9	696.0	-5.6	-15.4	255.5	27.1	26.2	6.8	296.9	301.8	1.7	45.9	8.9	80.
10.1	36.0	3105.2	686.0	-6.5	-15.6	256.7	28.4	27.7	6.6	297.1	302.0	1.6	48.3	9.5	80.
10.4	37.0	3208.2	677.0	-7.6	-13.9	257.7	29.5	28.8	6.3	297.1	302.8	1.9	60.6	10.0	80.
10.8	38.0	3323.9	667.0	-8.6	-13.4	259.0	30.8	30.2	5.9	297.3	303.2	2.0	67.9	10.8	79.
11.1	39.0	3429.2	658.0	-9.3	-12.9	259.7	31.7	31.2	5.7	297.6	303.9	2.2	75.3	11.4	79.
11.6	40.0	3523.7	650.0	-10.1	-13.2	259.6	33.5	32.9	6.0	297.8	304.0	2.1	77.9	12.3	80.
12.0	41.0	3655.2	639.0	-10.6	-13.2	258.0	35.3	34.5	7.4	298.6	305.0	2.2	81.3	13.1	80.
12.3	42.0	3764.3	630.0	-11.2	-14.6	255.3	36.6	35.4	9.3	299.2	304.9	2.0	75.8	13.8	80.
12.7	43.0	3862.5	622.0	-11.1	-18.9	252.2	38.4	36.5	11.8	300.3	304.5	1.4	52.4	14.7	79.
13.0	44.0	3974.4	613.0	-11.5	-19.5	250.0	39.6	37.2	13.5	301.1	305.1	1.3	51.2	15.4	79.
13.3	45.0	4087.8	604.0	-11.4	-22.0	249.0	40.4	37.7	14.5	302.5	305.9	1.1	40.8	16.1	78.
13.7	46.0	4190.3	596.0	-10.6	-28.6	248.1	41.5	38.5	15.5	304.4	306.4	0.6	21.2	17.1	78.
14.1	47.0	4294.2	588.0	-10.5	-28.0	247.5	42.7	39.4	16.4	305.8	307.9	0.6	22.0	18.1	77.
14.4	48.0	4412.8	579.0	-11.2	-26.3	247.0	43.9	40.4	17.2	306.3	308.8	0.6	27.3	18.8	77.
14.7	49.0	4519.5	571.0	-11.8	-25.7	246.7	44.8	41.1	17.7	306.9	309.5	0.8	30.2	19.6	76.
15.1	50.0	4627.3	563.0	-12.8	-27.0	246.4	45.2	41.4	18.1	306.9	309.3	0.7	29.1	20.8	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
1455 GMT

161 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
15.6	51.0	4750.0	554.0	-14.0	-29.2	246.3	43.8	40.1	17.6	306.8	308.8	0.6	26.3	22.1	75.
15.9	52.0	4874.0	545.0	-15.3	-29.7	246.5	42.7	39.2	17.1	306.8	308.7	0.6	27.8	22.8	75.
16.2	53.0	4985.7	537.0	-15.6	-37.7	246.7	42.3	38.9	16.7	307.7	308.6	0.3	12.9	23.5	75.
16.7	54.0	5058.9	529.0	-15.8	-35.2	247.5	42.6	39.4	16.3	308.7	309.9	0.4	16.9	24.8	74.
17.0	55.0	5213.6	521.0	-16.8	-30.2	248.0	43.3	40.2	16.2	308.9	310.9	0.6	29.9	25.6	74.
17.6	56.0	5344.3	512.0	-17.3	-29.5	248.9	46.0	42.9	16.5	309.8	311.9	0.6	33.7	27.1	74.
17.9	57.0	5462.2	504.0	-18.3	-28.4	249.2	47.4	44.3	16.9	310.1	312.4	0.7	40.5	28.0	74.
18.2	58.0	5566.5	497.0	-18.8	-31.0	249.1	48.2*	45.0	17.2	310.6	312.5	0.6	33.1	28.9	74.
18.7	59.0	5687.2	489.0	-19.5	-31.6	248.5	48.7*	45.3	17.9	311.2	313.1	0.5	33.1	30.4	73.
19.1	60.0	5794.3	482.0	-19.9	-31.4	247.8	48.7*	45.1	18.4	312.0	313.9	0.6	35.0	31.5	73.
19.6	61.0	5918.2	474.0	-21.1	-31.6	247.5	50.1*	46.3	19.2	312.0	313.9	0.6	38.2	33.0	73.
19.9	62.0	6027.8	467.0	-22.3	-30.9	247.8	52.4*	48.6	19.8	311.9	313.9	0.6	45.2	33.8	73.
20.3	63.0	6138.7	460.0	-22.6	-29.1	248.5	55.3*	51.5	20.3	312.9	315.3	0.7	54.9	35.0	73.
20.7	64.0	6267.3	452.0	-23.7	-30.3	249.0	56.0*	52.3	20.1	313.1	315.4	0.7	54.3	36.6	72.
21.0	65.0	6364.9	446.0	-23.9	-31.9	249.2	54.8*	51.3	19.4	314.0	315.9	0.6	47.5	38.1	72.
21.6	66.0	6513.5	437.0	-24.9	-34.4	248.3	52.1*	48.4	19.2	314.6	316.2	0.5	40.5	39.2	72.
21.9	67.0	6630.9	430.0	-25.1	-35.5	247.5	53.3*	49.7	20.4	315.7	317.2	0.4	37.1	40.4	72.
22.3	68.0	6750.0	423.0	-26.0	-39.2	246.5	56.3*	51.6	22.5	316.0	317.1	0.3	27.4	41.6	72.
22.7	69.0	6870.6	416.0	-26.6	-44.5	246.0	58.7*	53.6	23.9	316.8	317.5	0.2	16.4	43.0	72.
23.0	70.0	6993.0	409.0	-27.5	-48.5	245.9	59.5*	54.3	24.3	317.2	317.6	0.1	11.4	44.2	71.
23.6	71.0	7134.7	401.0	-28.9	-52.4	246.8	55.6*	51.2	21.9	317.1	317.4	0.1	8.2	46.3	71.
24.0	72.0	7260.5	394.0	-29.7	-65.7	247.5	52.8*	48.8	20.2	317.6	317.7	0.0	1.6	47.5	71.
24.4	73.0	7369.7	388.0	-30.7	-63.6	247.8	52.5*	48.6	19.8	317.8	317.9	0.0	2.3	48.7	71.
24.8	74.0	7498.6	381.0	-32.0	-61.0	248.0	54.3*	50.3	20.3	317.8	317.9	0.0	3.7	50.0	71.
25.2	75.0	7610.5	375.0	-33.2	-55.9	248.3	56.4*	52.4	20.9	317.6	317.8	0.0	8.1	51.2	71.
25.7	76.0	7742.6	368.0	-34.3	-56.2	249.0	56.4*	52.7	20.3	317.8	318.0	0.0	8.8	53.1	71.
26.0	77.0	7857.4	362.0	-35.1	-57.2	249.6	54.6*	51.1	19.0	318.2	318.4	0.0	8.3	54.6	71.
26.4	78.0	7973.8	356.0	-35.9	-58.4	250.1	53.3*	50.1	18.2	318.6	318.8	0.0	7.8	55.4	71.
26.8	79.0	8111.4	349.0	-37.1	-58.1	249.9	56.9*	53.5	19.6	318.8	319.0	0.0	9.1	56.3	71.
27.1	80.0	8231.0	343.0	-38.4	99.9	249.7	59.9*	56.2	20.8	318.9	999.9	99.9	999.9	57.3	71.
27.7	81.0	8372.2	336.0	-40.1	99.9	249.9	58.3*	54.7	20.1	318.3	999.9	99.9	999.9	60.3	71.
28.0	82.0	8494.9	330.0	-41.5	99.9	250.2	53.5*	50.4	18.1	318.1	999.9	99.9	999.9	61.9	71.
28.4	83.0	8640.1	323.0	-42.4	99.9	250.0	53.2*	50.0	18.2	318.7	999.9	99.9	999.9	61.6	71.
28.9	84.0	8745.2	318.0	-43.7	99.9	249.6	59.9*	56.1	20.9	318.4	999.9	99.9	999.9	63.5	71.
29.2	85.0	8872.9	312.0	-44.8	99.9	249.6	63.2*	59.2	22.0	318.6	999.9	99.9	999.9	65.1	71.
29.8	86.0	9024.1	305.0	-46.5	99.9	250.4	65.4*	61.6	22.0	318.3	999.9	99.9	999.9	67.0	71.
30.1	87.0	9155.8	299.0	-47.0	99.9	250.9	64.0*	60.5	21.0	319.5	999.9	99.9	999.9	67.9	71.
30.6	88.0	9267.3	294.0	-48.0	99.9	252.1	56.3*	53.6	17.3	319.6	999.9	99.9	999.9	71.1	71.
31.0	89.0	9403.2	288.0	-48.3	99.9	253.5	46.6*	44.7	13.3	321.0	999.9	99.9	999.9	72.0	71.
31.4	90.0	9541.5	282.0	-49.5	99.9	254.2	44.7*	43.0	12.2	321.3	999.9	99.9	999.9	72.2	71.
31.9	91.0	9658.4	277.0	-50.8	99.9	255.0	48.4*	46.8	12.6	321.0	999.9	99.9	999.9	73.8	71.
32.2	92.0	9776.7	272.0	-51.9	99.9	255.8	50.4*	48.8	12.3	321.1	999.9	99.9	999.9	75.0	71.
32.7	93.0	9896.7	267.0	-52.8	99.9	257.2	54.2*	52.9	12.0	321.5	999.9	99.9	999.9	76.5	71.
33.0	94.0	10043.0	261.0	-54.1	99.9	257.7	57.9*	56.6	12.3	321.7	999.9	99.9	999.9	76.7	71.
33.4	95.0	10166.9	256.0	-55.0	99.9	258.1	62.8*	61.4	12.9	322.1	999.9	99.9	999.9	78.5	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
1455 GMT

161 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.9	96.0	10317.7	250.0	-57.0	99.9	259.8	60.8*	59.8	10.8	321.4	999.9	99.9	999.9	81.6	71.
34.3	97.0	10445.5	245.0	-57.3	99.9	260.3	63.0*	62.1	10.6	322.7	999.9	99.9	999.9	82.2	72.
34.8	98.0	10575.8	240.0	-57.7	99.9	259.2	75.6*	74.3	14.2	324.1	999.9	99.9	999.9	83.0	72.
35.1	99.0	10708.6	235.0	-58.0	99.9	258.8	81.6*	80.0	15.9	325.6	999.9	99.9	999.9	84.7	72.
35.5	100.0	10843.7	230.0	-59.4	99.9	259.4	77.3*	75.9	14.2	325.5	999.9	99.9	999.9	89.6	72.
36.0	101.0	11008.7	224.0	-60.8	99.9	262.7	50.2*	49.8	6.4	325.8	999.9	99.9	999.9	89.7	72.
36.4	102.0	11120.7	220.0	-61.1	99.9	260.0	44.9*	44.2	7.8	326.9	999.9	99.9	999.9	90.5	72.
36.9	103.0	11263.4	215.0	-61.1	99.9	252.3	59.5*	56.7	18.0	329.1	999.9	99.9	999.9	90.7	72.
37.3	104.0	11410.2	210.0	-59.4	99.9	248.6	75.3*	70.2	27.5	334.1	999.9	99.9	999.9	93.7	72.
37.8	105.0	11530.8	206.0	-58.7	99.9	246.3	86.4*	79.1	34.7	337.0	999.9	99.9	999.9	95.7	72.
38.1	106.0	11653.9	202.0	-58.8	99.9	245.3	84.4*	76.7	35.3	338.6	999.9	99.9	999.9	96.8	72.
38.6	107.0	11811.3	197.0	-58.8	99.9	242.2	61.2*	54.1	28.6	341.1	999.9	99.9	999.9	101.4	72.
39.0	108.0	11940.0	193.0	-59.0	99.9	232.7	32.8*	26.1	19.9	342.8	999.9	99.9	999.9	102.5	72.
39.5	109.0	12071.7	189.0	-57.8	99.9	225.6	23.8*	17.0	16.6	346.8	999.9	99.9	999.9	100.6	72.
40.0	110.0	12207.0	185.0	-56.8	99.9	242.0	51.7*	45.6	24.3	350.5	999.9	99.9	999.9	101.7	71.
40.6	111.0	12416.3	179.0	-56.0	99.9	246.7	84.6**	77.7	33.4	355.2	999.9	99.9	999.9	105.1	71.
41.1	112.0	12559.7	175.0	-57.0	99.9	247.2	83.4**	76.9	32.4	355.9	999.9	99.9	999.9	108.1	71.
41.7	113.0	12705.9	171.0	-57.5	99.9	247.5	53.9**	49.8	20.6	357.4	999.9	99.9	999.9	111.3	71.
42.1	114.0	12855.6	167.0	-57.0	99.9	247.7	39.5**	36.5	15.0	360.7	999.9	99.9	999.9	111.4	71.
42.6	115.0	13009.8	163.0	-55.2	99.9	246.5	47.4**	43.5	18.9	366.2	999.9	99.9	999.9	112.4	71.
43.2	116.0	13168.4	159.0	-55.3	99.9	245.4	67.7**	61.6	28.2	368.5	999.9	99.9	999.9	114.4	71.
43.7	117.0	13330.3	155.0	-57.0	99.9	245.7	68.3**	62.2	28.1	368.4	999.9	99.9	999.9	118.0	71.
44.2	118.0	13495.6	151.0	-57.7	99.9	247.8	66.1**	61.2	25.0	370.1	999.9	99.9	999.9	118.2	71.
44.8	119.0	13622.3	148.0	-57.7	99.9	248.6	69.3**	64.5	25.3	372.2	999.9	99.9	999.9	121.8	71.
45.1	120.0	13794.9	144.0	-58.3	99.9	247.4	70.0**	64.6	26.9	373.9	999.9	99.9	999.9	121.8	71.
45.6	121.0	13971.7	140.0	-59.5	99.9	244.3	70.1**	63.1	30.5	374.9	999.9	99.9	999.9	124.0	71.
46.0	122.0	14106.9	137.0	-60.6	99.9	243.7	68.4**	61.3	30.3	375.3	999.9	99.9	999.9	125.1	70.
46.6	123.0	14244.8	134.0	-60.6	99.9	245.5	33.7**	30.7	14.0	377.7	999.9	99.9	999.9	130.9	70.
47.1	124.0	14433.3	130.0	-60.9	99.9	250.5	14.8**	13.9	4.9	380.3	999.9	99.9	999.9	127.7	70.
47.7	125.0	14578.3	127.0	-61.1	99.9	251.3	38.9**	36.8	12.4	382.6	999.9	99.9	999.9	129.0	70.
48.3	126.0	14776.4	123.0	-62.6	99.9	251.2	65.2**	61.7	21.0	383.4	999.9	99.9	999.9	131.7	70.
48.8	127.0	14928.2	120.0	-63.9	99.9	251.4	66.8**	63.3	21.3	383.7	999.9	99.9	999.9	133.7	70.
49.3	128.0	15083.1	117.0	-64.7	99.9	251.8	61.1**	58.0	19.1	385.1	999.9	99.9	999.9	136.2	70.
49.9	129.0	15241.3	114.0	-65.9	99.9	251.6	69.4**	65.8	22.0	385.8	999.9	99.9	999.9	136.8	70.
50.3	130.0	15403.2	111.0	-65.9	99.9	251.7	73.9**	70.2	23.2	388.7	999.9	99.9	999.9	138.8	70.
51.0	131.0	15626.5	107.0	-65.1	99.9	257.6	33.5**	32.7	7.2	394.3	999.9	99.9	999.9	145.8	70.
51.7	132.0	15800.2	104.0	-64.3	99.9	307.3	8.7**	6.9	-5.3	399.0	999.9	99.9	999.9	141.4	71.
52.2	133.0	15980.0	101.0	-62.4	99.9	264.9	30.5**	30.4	2.7	406.0	999.9	99.9	999.9	141.9	71.
52.8	134.0	16166.7	98.0	-61.1	99.9	256.7	49.7**	48.3	11.4	412.0	999.9	99.9	999.9	144.8	71.
53.3	135.0	16359.8	95.0	-61.1	99.9	253.1	40.2**	38.4	11.7	415.7	999.9	99.9	999.9	146.6	71.
54.1	136.0	16558.4	92.0	-62.6	99.9	242.4	31.6**	28.0	14.6	416.6	999.9	99.9	999.9	147.1	71.
54.8	137.0	16762.4	89.0	-63.5	99.9	244.5	62.0**	56.0	26.7	418.7	999.9	99.9	999.9	148.8	71.
55.6	138.0	17044.2	85.0	-64.5	99.9	248.9	71.8**	67.0	25.8	422.3	999.9	99.9	999.9	153.6	71.
56.4	139.0	17264.4	82.0	-63.3	99.9	255.3	25.9**	25.0	6.6	429.0	999.9	99.9	999.9	155.4	71.
57.1	140.0	17493.1	79.0	-63.9	99.9	259.9	2.9**	2.9	0.5	432.5	999.9	99.9	999.9	156.3	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
1455 GMT

161 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.9	141.0	17731.2	76.0	-62.6	99.9	293.5	3.1**	2.8	-1.2	440.0	999.9	99.9	999.9	156.5	71.
58.7	142.0	17979.8	73.0	-62.2	99.9	253.1	41.6**	39.8	12.1	445.9	999.9	99.9	999.9	155.8	71.
59.6	143.0	18239.1	70.0	-62.2	99.9	250.8	47.0**	44.3	15.5	451.3	999.9	99.9	999.9	159.3	71.
60.3	144.0	18510.3	67.0	-61.3	99.9	267.9	12.2**	12.1	0.4	459.0	999.9	99.9	999.9	160.9	71.
61.2	145.0	18794.5	64.0	-61.3	99.9	251.0	12.2**	11.5	4.0	465.0	999.9	99.9	999.9	161.6	71.
62.2	146.0	18991.8	62.0	-60.8	99.9	245.9	60.0**	54.8	24.5	470.4	999.9	99.9	999.9	162.1	71.
63.1	147.0	19299.7	59.0	-61.7	99.9	251.0	58.5**	55.3	19.1	475.1	999.9	99.9	999.9	169.5	71.
63.9	148.0	19622.0	56.0	-63.0	99.9	265.4	25.4**	25.3	2.1	479.3	999.9	99.9	999.9	171.9	71.
64.8	149.0	19846.2	54.0	-62.4	99.9	60.3	19.5**	-16.9	-9.5	485.6	999.9	99.9	999.9	168.6	71.
65.8	150.0	20199.6	51.0	-61.7	99.9	246.4	34.2**	31.3	13.7	495.4	999.9	99.9	999.9	168.0	71.
66.8	151.0	20574.7	48.0	-62.2	99.9	52.9	6.8**	-5.5	-4.1	502.7	999.9	99.9	999.9	171.2	71.
67.8	152.0	20837.3	46.0	-62.8	99.9	313.9	4.3**	3.1	-3.0	507.5	999.9	99.9	999.9	169.3	71.
68.9	153.0	21252.9	43.0	-62.8	99.9	253.9	36.6*	35.2	10.2	517.4	999.9	99.9	999.9	171.8	71.
70.0	154.0	21698.4	40.0	-63.0	99.9	69.9	15.3*	-14.4	-5.3	527.8	999.9	99.9	999.9	171.1	71.
71.2	155.0	22014.5	38.0	-62.6	99.9	298.9	8.3*	7.3	-4.0	536.5	999.9	99.9	999.9	171.2	71.
72.6	156.0	22521.7	35.0	-62.6	99.9	264.6	27.3*	27.2	2.6	549.3	999.9	99.9	999.9	174.3	71.
73.8	157.0	23074.4	32.0	-62.6	99.9	253.6	70.1*	67.3	19.8	563.5	999.9	99.9	999.9	175.4	71.
75.1	158.0	23472.8	30.0	-62.2	99.9	271.2	25.4*	25.4	-0.6	575.0	999.9	99.9	999.9	182.8	71.
76.6	159.0	24122.9	27.0	-62.8	99.9	61.3	10.5*	-9.2	-5.0	591.1	999.9	99.9	999.9	180.9	72.
78.2	160.0	24599.4	25.0	-60.8	99.9	259.0	19.5*	19.2	3.7	610.0	999.9	99.9	999.9	179.5	72.
80.0	161.0	25397.0	22.0	-59.5	99.9	275.9	21.5*	21.3	-2.2	636.4	999.9	99.9	999.9	183.4	72.
82.1	162.0	25994.1	20.0	-59.0	99.9	258.1	32.3*	31.6	6.7	655.6	999.9	99.9	999.9	185.2	72.
84.3	163.0	27019.9	17.0	-56.3	99.9	263.9	23.4*	23.3	2.5	695.4	999.9	99.9	999.9	193.4	72.
86.9	164.0	27816.1	15.0	-55.7	99.9	273.0	35.0*	34.9	-1.8	722.9	999.9	99.9	999.9	195.2	72.
89.7	165.0	29251.5	12.0	-51.4	99.9	258.2	44.4*	43.4	9.1	785.6	999.9	99.9	999.9	201.3	73.
93.4	166.0	30451.4	10.0	-45.5	99.9	999.9	99.9	99.9	99.9	849.6	999.9	99.9	999.9	999.9	999.9

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
1750 GMT

158 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGF KM	AZ DG
0.0	5.6	140.0	999.4	6.8	3.9	290.0	5.7	5.4	-1.9	280.7	293.7	5.1	82.0	0.0	0.
0.2	6.0	192.7	993.0	5.5	2.0	999.9	99.9	99.9	99.9	279.8	291.3	4.5	78.3	999.9	999.
0.5	7.0	283.7	982.0	4.5	2.5	999.9	99.9	99.9	99.9	279.7	291.7	4.7	87.2	999.9	999.
0.9	8.0	375.4	971.0	3.6	2.7	999.9	99.9	99.9	99.9	279.7	292.0	4.8	93.4	999.9	999.
1.1	9.0	467.9	960.0	2.4	2.2	999.9	99.9	99.9	99.9	279.4	291.4	4.7	97.9	999.9	999.
1.4	10.0	552.5	950.0	1.9	1.9	999.9	99.9	99.9	99.9	279.8	291.7	4.6	99.8	999.9	999.
1.8	11.0	672.4	936.0	1.5	1.5	999.9	99.9	99.9	99.9	280.4	292.2	4.6	102.1	999.9	999.
2.1	12.0	767.6	925.0	0.8	0.8	277.9	11.8	11.7	-1.6	280.7	292.1	4.4	102.3	1.3	101.
2.4	13.0	863.8	914.0	0.3	0.3	220.8	5.2	3.4	3.9	281.1	292.3	4.3	102.5	1.5	98.
2.7	14.0	952.0	904.0	-0.3	-0.3	235.4	3.5	2.9	2.0	281.3	292.1	4.1	103.3	1.4	93.
2.9	15.0	1041.0	894.0	-1.0	-1.0	288.1	5.5	5.3	-1.7	281.6	292.0	4.0	102.3	1.3	88.
3.3	16.0	1158.0	881.0	-1.3	-1.3	300.0	12.9	11.2	-6.4	282.4	292.8	4.0	102.3	1.6	97.
3.6	17.0	1258.2	870.0	-2.1	-2.1	296.8	14.4	12.9	-6.5	282.6	292.5	3.8	102.2	2.0	102.
3.9	18.0	1350.1	860.0	-2.7	-2.7	276.8	8.6	8.5	-1.0	282.8	292.5	3.6	102.4	2.1	101.
4.1	19.0	1442.9	850.0	-3.0	-3.0	266.2	8.7	8.7	0.6	283.4	293.0	3.6	103.2	2.2	100.
4.5	20.0	1536.7	840.0	-3.2	-4.7	271.5	15.2	15.2	-0.4	284.2	292.8	3.2	89.0	2.3	99.
4.9	21.0	1660.7	827.0	-1.3	-3.2	288.9	20.5	19.4	-6.6	287.5	297.4	3.7	87.1	2.9	98.
5.1	22.0	1757.8	817.0	-1.0	-7.6	290.2	22.4	21.0	-7.7	288.7	296.1	2.7	60.8	3.2	99.
5.5	23.0	1856.4	807.0	0.3	-6.9	284.0	24.0	23.3	-5.8	291.1	299.0	2.8	58.2	3.6	103.
5.9	24.0	1956.4	797.0	0.3	-9.5	270.2	28.4	28.4	-0.1	292.1	298.7	2.3	47.7	4.3	101.
6.1	25.0	2047.4	788.0	-0.3	-9.3	267.6	29.7	29.7	1.3	292.4	299.1	2.4	50.6	4.7	100.
6.6	26.0	2180.3	775.0	-1.4	-9.7	267.9	30.1	30.1	1.1	292.5	299.2	2.4	53.1	5.5	98.
7.0	27.0	2273.2	766.0	-2.4	-9.5	266.4	31.4	31.4	2.0	292.5	299.4	2.4	58.1	6.2	97.
7.2	28.0	2377.6	756.0	-2.7	-7.9	265.8	32.1	32.0	2.4	293.3	301.2	2.8	67.2	6.6	96.
7.6	29.0	2483.1	746.0	-3.3	-8.4	264.6	33.5	33.4	3.1	293.8	301.5	2.7	68.0	7.4	95.
8.0	30.0	2579.0	737.0	-4.1	-7.9	263.5	34.9	34.7	3.9	293.9	302.0	2.9	74.7	8.2	94.
8.2	31.0	2676.1	728.0	-4.1	-6.2	263.2	35.4	35.1	4.2	295.0	304.3	3.3	85.0	8.6	93.
8.6	32.0	2765.2	718.0	-4.4	-6.7	262.5	36.2	35.9	4.7	295.9	305.0	3.2	84.0	9.5	92.
9.0	33.0	2884.6	709.0	-4.7	-7.5	262.1	36.7	36.3	5.1	296.6	305.3	3.1	80.5	10.3	91.
9.2	34.0	2985.1	700.0	-5.6	-10.3	261.8	36.8	36.5	5.2	296.6	303.8	2.5	69.5	10.8	91.
9.7	35.0	3097.8	690.0	-6.5	-10.9	261.1	37.2	36.7	5.8	296.8	303.7	2.4	70.7	11.9	90.
10.1	36.0	3223.3	679.0	-7.3	-11.5	260.2	37.2	36.6	6.3	297.3	304.1	2.3	71.7	12.8	90.
10.4	37.0	3327.2	670.0	-8.3	-12.4	259.5	36.9	36.3	6.8	297.3	303.6	2.2	71.9	13.5	89.
10.8	38.0	3432.2	661.0	-8.9	-12.5	258.5	37.0	36.3	7.4	297.8	304.2	2.2	74.8	14.3	88.
11.1	39.0	3538.2	652.0	-9.7	-13.0	257.7	37.6	36.7	8.0	297.9	304.2	2.1	76.7	14.9	88.
11.5	40.0	3645.5	643.0	-10.2	-13.0	256.7	39.2	38.1	9.0	298.6	305.0	2.2	79.6	15.8	87.
12.0	41.0	3778.4	632.0	-11.0	-13.6	254.9	41.8	40.4	10.9	299.1	305.3	2.1	81.0	17.0	87.
12.3	42.0	3888.4	623.0	-12.0	-13.7	253.0	42.4	40.6	12.4	299.2	305.4	2.1	87.4	17.8	86.
12.7	43.0	3987.3	615.0	-12.9	-14.5	250.1	43.1	40.5	14.7	299.3	305.2	2.0	87.5	18.9	85.
13.0	44.0	4100.0	606.0	-11.8	-19.3	247.6	43.4	40.2	16.6	301.8	305.9	1.4	53.2	19.6	85.
13.3	45.0	4201.9	598.0	-11.3	-20.9	246.0	44.7	40.8	18.2	303.4	307.1	1.2	44.9	20.2	84.
13.7	46.0	4318.3	589.0	-11.2	-23.1	245.0	46.5	42.2	19.7	304.9	308.0	1.0	36.4	21.3	83.
14.0	47.0	4423.3	581.0	-11.5	-27.2	245.1	48.0	43.5	20.2	305.7	308.0	0.7	25.8	22.2	82.
14.3	48.0	4542.8	572.0	-12.0	-26.1	246.0	49.0	44.8	19.9	306.4	308.9	0.8	29.7	23.0	82.
14.7	49.0	4650.5	564.0	-12.7	-24.7	247.2	50.5*	46.6	19.6	306.8	309.7	0.9	35.8	24.1	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
1750 GMT

158 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.0	50.0	4759.4	556.0	-13.2	-23.6	247.9	51.9*	48.0	19.5	307.6	310.8	1.0	40.9	24.9	80.
15.3	51.0	4897.4	546.0	-14.1	-24.1	247.5	52.8*	48.8	20.2	308.0	311.2	1.0	42.5	26.0	80.
15.7	52.0	5009.3	538.0	-15.0	-25.0	246.8	53.2*	48.9	20.9	308.3	311.3	0.9	41.9	27.3	79.
16.0	53.0	5122.4	530.0	-16.0	-25.7	246.1	52.9*	48.4	21.4	308.5	311.3	0.9	42.6	28.2	79.
16.3	54.0	5236.8	522.0	-17.0	-25.7	246.0	51.7*	47.2	21.1	308.5	311.4	0.9	46.6	29.1	78.
16.7	55.0	5337.9	515.0	-18.3	-25.7	246.0	50.0*	45.6	20.3	308.2	311.1	0.9	51.8	30.3	78.
17.1	56.0	5499.1	504.0	-18.7	-25.5	246.2	48.7*	44.5	19.6	309.6	312.7	0.9	54.8	31.5	78.
17.5	57.0	5603.2	497.0	-19.6	-26.0	246.3	49.0*	44.9	19.7	309.7	312.7	0.9	56.6	32.5	77.
17.9	58.0	5723.5	489.0	-20.6	-25.8	246.5	51.9*	47.6	20.7	310.0	313.0	0.9	62.5	33.5	77.
18.1	59.0	5830.1	482.0	-21.2	-23.4	246.6	53.3*	48.9	21.2	310.5	314.3	1.2	82.6	34.2	77.
18.6	60.0	5953.5	474.0	-22.0	-24.1	247.0	55.9*	51.5	21.9	311.0	314.6	1.1	83.3	36.1	76.
19.0	61.0	6062.9	467.0	-22.6	-24.5	247.5	56.7*	52.4	21.7	311.6	315.2	1.1	83.9	37.1	76.
19.4	62.0	6189.9	459.0	-22.3	-28.3	248.5	57.1*	53.1	21.0	313.5	316.1	0.8	57.8	38.9	75.
19.8	63.0	6302.9	452.0	-22.0	-35.6	249.3	58.3*	54.6	20.6	315.1	316.5	0.4	27.7	39.9	75.
20.1	64.0	6417.6	445.0	-22.6	-39.8	249.7	59.9*	56.2	20.8	315.8	316.8	0.3	19.0	40.8	75.
20.5	65.0	6533.7	438.0	-23.6	-39.3	249.7	63.3*	59.4	21.9	315.9	316.9	0.3	22.0	42.8	75.
21.0	66.0	6685.1	429.0	-25.0	-40.6	249.0	72.0*	67.2	25.9	316.1	317.0	0.3	21.6	44.3	75.
21.5	67.0	6804.4	422.0	-26.1	-41.0	248.4	78.3*	72.8	28.8	316.1	317.0	0.2	23.0	46.1	74.
21.8	68.0	6925.2	415.0	-27.1	-43.2	248.0	73.0*	67.7	27.3	316.4	317.1	0.2	19.8	48.8	74.
22.1	69.0	7047.6	408.0	-28.0	-44.4	247.5	66.2*	61.2	25.3	316.8	317.4	0.2	18.9	50.6	74.
22.5	70.0	7171.8	401.0	-28.4	99.9	246.2	53.1*	48.6	21.4	317.9	999.9	99.9	999.9	50.5	74.
23.0	71.0	7316.0	393.0	-29.4	99.9	244.8	41.3*	37.3	17.6	318.3	999.9	99.9	999.9	52.8	74.
23.2	72.0	7444.0	386.0	-30.5	99.9	244.5	38.1*	34.4	16.4	318.6	999.9	99.9	999.9	53.1	74.
23.7	73.0	7555.1	380.0	-31.7	99.9	244.2	34.3*	30.9	15.0	318.5	999.9	99.9	999.9	53.9	73.
24.1	74.0	7686.3	373.0	-32.9	99.9	244.8	39.8*	36.0	17.0	318.6	999.9	99.9	999.9	54.5	73.
24.4	75.0	7819.2	366.0	-34.2	99.9	245.7	52.2*	47.6	21.4	318.6	999.9	99.9	999.9	54.5	73.
24.8	76.0	7934.7	360.0	-35.2	99.9	246.7	72.8*	66.9	28.8	318.7	999.9	99.9	999.9	56.5	73.
25.1	77.0	8071.2	353.0	-36.3	99.9	247.0	84.7*	78.0	33.1	319.0	999.9	99.9	999.9	58.1	73.
25.6	78.0	8189.8	347.0	-37.5	99.9	246.8	83.3*	76.5	32.9	319.0	999.9	99.9	999.9	60.8	73.
25.9	79.0	8310.0	341.0	-38.6	99.9	246.1	67.8*	62.0	27.5	319.1	999.9	99.9	999.9	64.5	72.
26.3	80.0	8431.6	335.0	-39.8	99.9	245.0	51.3*	46.5	21.7	319.1	999.9	99.9	999.9	63.9	72.
26.8	81.0	8575.5	328.0	-41.3	99.9	244.5	47.6*	43.0	20.5	318.9	999.9	99.9	999.9	64.4	72.
27.1	82.0	8700.5	322.0	-42.5	99.9	245.0	51.7*	46.8	21.9	318.9	999.9	99.9	999.9	66.0	72.
27.6	83.0	8827.3	316.0	-43.7	99.9	246.3	57.6*	52.8	23.1	319.1	999.9	99.9	999.9	67.8	72.
27.9	84.0	8955.8	310.0	-44.9	99.9	247.0	57.8*	53.2	22.6	319.1	999.9	99.9	999.9	68.7	72.
28.2	85.0	9086.1	304.0	-46.1	99.9	247.0	58.1*	53.5	22.6	319.2	999.9	99.9	999.9	69.5	72.
28.8	86.0	9240.7	297.0	-47.2	99.9	246.7	58.0*	53.3	22.9	319.8	999.9	99.9	999.9	72.1	72.
29.1	87.0	9375.4	291.0	-48.2	99.9	247.2	59.5*	54.8	23.0	320.2	999.9	99.9	999.9	73.4	71.
29.6	88.0	9489.3	286.0	-49.5	99.9	249.4	68.8*	64.4	24.2	319.9	999.9	99.9	999.9	73.9	71.
30.0	89.0	9627.8	280.0	-50.6	99.9	250.6	79.6*	75.1	26.4	320.3	999.9	99.9	999.9	75.7	71.
30.2	90.0	9745.0	275.0	-51.7	99.9	250.3	80.0*	75.3	27.0	320.4	999.9	99.9	999.9	77.6	71.
30.7	91.0	9887.7	269.0	-52.9	99.9	250.0	81.0*	76.1	27.7	320.7	999.9	99.9	999.9	80.5	71.
31.1	92.0	10008.6	264.0	-53.5	99.9	251.4	83.0*	78.7	26.4	321.5	999.9	99.9	999.9	81.0	71.
31.5	93.0	10131.4	259.0	-54.3	99.9	255.9	88.7*	86.0	21.6	322.1	999.9	99.9	999.9	82.8	71.
31.9	94.0	10256.0	254.0	-55.4	99.9	261.0	84.0**	83.0	13.1	322.2	999.9	99.9	999.9	87.8	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
1750 GMT

158 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.2	95.0	10382.6	249.0	-56.2	99.9	263.7	73.9**	73.4	8.1	322.8	999.9	99.9	999.9	88.1	72.
32.9	96.0	10563.4	242.0	-57.2	99.9	275.4	31.8**	31.6	-3.0	324.0	999.9	99.9	999.9	91.6	72.
33.2	97.0	10668.7	238.0	-57.6	99.9	292.1	17.2**	16.0	-6.5	325.0	999.9	99.9	999.9	91.8	72.
33.7	98.0	10802.7	233.0	-57.9	99.9	278.0	18.4**	18.2	-2.6	326.5	999.9	99.9	999.9	89.2	73.
34.1	99.0	10939.3	228.0	-58.4	99.9	256.6	55.7**	54.2	12.9	327.8	999.9	99.9	999.9	88.4	73.
34.5	100.0	11078.5	223.0	-59.3	99.9	252.0	113.5**	108.0	35.1	328.5	999.9	99.9	999.9	91.5	73.
35.0	101.0	11249.9	217.0	-57.9	99.9	250.1	126.5**	118.9	43.2	333.2	999.9	99.9	999.9	96.9	73.
35.5	102.0	11357.4	212.0	-56.2	99.9	246.6	65.0**	59.7	25.8	338.0	999.9	99.9	999.9	104.0	72.
35.9	103.0	11518.2	208.0	-57.1	99.9	236.6	28.1**	23.4	15.4	338.6	999.9	99.9	999.9	100.3	72.
36.2	104.0	11640.8	204.0	-58.1	99.9	232.8	31.2**	24.9	18.9	338.9	999.9	99.9	999.9	99.9	72.
36.8	105.0	11796.9	199.0	-58.9	99.9	238.3	77.1**	65.7	40.5	340.0	999.9	99.9	999.9	100.6	72.
37.1	106.0	11924.1	195.0	-59.6	99.9	239.2	94.1**	80.8	48.2	340.8	999.9	99.9	999.9	102.8	72.
37.5	107.0	12086.7	190.0	-59.1	99.9	238.4	87.4**	74.5	45.7	344.2	999.9	99.9	999.9	111.6	71.
38.0	108.0	12220.7	186.0	-57.4	99.9	236.7	59.9**	50.1	32.8	349.1	999.9	99.9	999.9	106.3	71.
38.6	109.0	12358.2	182.0	-56.9	99.9	239.8	64.5**	55.7	32.4	352.0	999.9	99.9	999.9	111.0	71.
39.0	110.0	12498.7	178.0	-57.7	99.9	242.8	80.0**	71.1	36.5	352.9	999.9	99.9	999.9	113.4	71.
39.5	111.0	12677.9	173.0	-59.1	99.9	246.6	96.7**	88.8	38.4	353.6	999.9	99.9	999.9	111.6	71.
40.0	112.0	12861.7	168.0	-59.4	99.9	248.9	81.7**	76.2	29.5	356.0	999.9	99.9	999.9	121.9	70.
40.5	113.0	12974.5	165.0	-59.3	99.9	250.9	44.2**	41.7	14.4	358.1	999.9	99.9	999.9	119.2	71.
41.0	114.0	13123.4	161.0	-58.9	99.9	255.8	32.3**	31.3	7.9	361.2	999.9	99.9	999.9	120.5	70.
41.6	115.0	13286.6	157.0	-57.9	99.9	256.1	50.3**	48.9	12.1	365.5	999.9	99.9	999.9	122.0	71.
42.2	116.0	13490.3	152.0	-58.8	99.9	254.0	64.7**	62.2	17.8	367.5	999.9	99.9	999.9	124.3	71.
42.8	117.0	13615.4	149.0	-58.9	99.9	253.9	65.4**	62.9	18.2	369.3	999.9	99.9	999.9	126.7	71.
43.3	118.0	13786.0	145.0	-59.4	99.9	255.6	60.1**	58.2	14.9	371.3	999.9	99.9	999.9	129.2	71.
43.9	119.0	13960.8	141.0	-60.1	99.9	255.5	62.1**	60.2	15.6	373.0	999.9	99.9	999.9	130.0	71.
44.3	120.0	14095.0	138.0	-60.1	99.9	253.1	64.5**	61.7	18.7	375.3	999.9	99.9	999.9	131.8	71.
44.9	121.0	14278.3	134.0	-60.7	99.9	248.6	48.8**	45.5	17.8	377.6	999.9	99.9	999.9	135.9	71.
45.4	122.0	14419.0	121.0	-61.2	99.9	246.5	37.8**	34.6	15.1	379.1	999.9	99.9	999.9	135.9	71.
45.9	123.0	14562.5	128.0	-62.1	99.9	249.5	63.8**	59.7	22.3	379.9	999.9	99.9	999.9	135.1	71.
46.5	124.0	14758.7	124.0	-62.3	99.9	249.9	111.7**	104.9	38.3	383.1	999.9	99.9	999.9	140.5	71.
47.0	125.0	14910.3	121.0	-61.4	99.9	248.7	113.6**	105.8	41.3	387.4	999.9	99.9	999.9	144.0	71.
47.8	126.0	15119.1	117.0	-60.8	99.9	246.0	76.0**	69.4	30.9	392.2	999.9	99.9	999.9	149.6	71.
48.4	127.0	15280.3	114.0	-61.7	99.9	246.6	80.5**	73.9	32.0	393.4	999.9	99.9	999.9	146.4	71.
49.0	128.0	15445.1	111.0	-62.5	99.9	252.3	50.7**	48.3	15.4	395.1	999.9	99.9	999.9	160.9	70.
49.6	129.0	15613.8	108.0	-63.4	99.9	38.3	15.9**	-9.9	-12.5	396.4	999.9	99.9	999.9	152.5	71.
50.2	130.0	15786.5	105.0	-64.4	99.9	269.4	16.0**	16.0	0.2	397.8	999.9	99.9	999.9	152.2	71.
50.9	131.0	16023.8	101.0	-64.8	99.9	249.3	88.6**	82.9	31.3	401.5	999.9	99.9	999.9	155.1	71.
51.5	132.0	16207.8	98.0	-64.9	99.9	252.7	64.4**	61.5	19.1	404.6	999.9	99.9	999.9	162.7	70.
52.0	133.0	16334.1	96.0	-62.9	99.9	267.2	25.9**	25.9	1.3	411.1	999.9	99.9	999.9	158.8	71.
52.7	134.0	16529.9	93.0	-62.5	99.9	259.4	19.4**	19.1	3.6	415.6	999.9	99.9	999.9	161.6	71.
53.3	135.0	16732.1	90.0	-62.9	99.9	250.1	31.4**	29.5	10.7	418.7	999.9	99.9	999.9	160.3	71.
54.1	136.0	16941.2	87.0	-62.3	99.9	264.4	22.1**	22.0	2.1	423.9	999.9	99.9	999.9	166.1	71.
55.0	137.0	17231.3	83.0	-63.0	99.9	253.1	60.4**	57.7	17.5	428.2	999.9	99.9	999.9	161.6	71.
55.8	138.0	17457.3	80.0	-64.2	99.9	250.2	130.2**	122.5	44.1	430.4	999.9	99.9	999.9	174.7	71.
56.7	139.0	17692.0	77.0	-62.9	99.9	62.6	67.8**	-60.2	-31.3	437.8	999.9	99.9	999.9	170.8	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
1750 GMT

158 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.4	140.0	17936.3	74.0	-63.8	99.9	261.3	10.2**	10.1	1.5	440.9	999.9	99.9	999.9	167.0	71.
58.2	141.0	18191.0	71.0	-62.3	99.9	252.0	41.2**	39.2	12.7	449.3	999.9	99.9	999.9	173.7	71.
59.1	142.0	18458.6	68.0	-60.7	99.9	254.9	14.9**	14.3	3.9	458.4	999.9	99.9	999.9	171.9	71.
60.0	143.0	18740.1	65.0	-59.6	99.9	245.7	29.8**	27.2	12.3	466.7	999.9	99.9	999.9	174.2	71.
60.9	144.0	19034.8	62.0	-60.8	99.9	72.7	11.9**	-11.4	-3.5	470.3	999.9	99.9	999.9	173.2	71.
61.8	145.0	19342.8	59.0	-61.6	99.9	265.3	10.4**	10.4	0.9	475.4	999.9	99.9	999.9	175.6	71.
62.8	146.0	19665.6	56.0	-62.3	99.9	279.9	7.3**	7.2	-1.3	480.9	999.9	99.9	999.9	174.3	71.
63.7	147.0	20004.8	53.0	-63.4	99.9	276.4	13.3**	13.2	-1.5	485.9	999.9	99.9	999.9	175.8	71.
64.7	148.0	20240.3	51.0	-64.8	99.9	260.0	30.3**	29.8	5.3	488.1	999.9	99.9	999.9	176.4	71.
65.7	149.0	20610.8	48.0	-64.4	99.9	271.7	12.4**	12.4	-0.4	497.6	999.9	99.9	999.9	179.2	72.
66.8	150.0	21005.1	45.0	-64.8	99.9	259.7	31.0**	30.5	5.5	505.9	999.9	99.9	999.9	177.4	72.
67.9	151.0	21426.3	42.0	-64.8	99.9	257.2	37.0**	36.1	8.2	516.0	999.9	99.9	999.9	183.0	72.
69.2	152.0	21881.3	39.0	-62.3	99.9	265.3	18.6**	18.5	1.5	533.3	999.9	99.9	999.9	183.9	72.
70.5	153.0	22206.9	37.0	-61.7	99.9	263.0	35.2**	34.9	4.3	542.8	999.9	99.9	999.9	186.4	72.
71.9	154.0	22730.7	34.0	-61.6	99.9	261.9	22.5**	22.3	3.2	556.5	999.9	99.9	999.9	184.0	72.
73.2	155.0	23302.2	31.0	-62.3	99.9	23.1	8.1**	-3.2	-7.5	569.5	999.9	99.9	999.9	191.4	72.
74.7	156.0	23714.1	29.0	-62.3	99.9	252.8	21.9*	20.9	6.5	580.4	999.9	99.9	999.9	184.1	72.
76.1	157.0	24390.6	26.0	-61.0	99.9	252.4	43.5*	41.5	13.2	602.5	999.9	99.9	999.9	192.0	72.
77.9	158.0	25155.2	23.0	-59.4	99.9	254.8	78.3*	75.6	20.5	628.6	999.9	99.9	999.9	194.0	72.
79.8	159.0	26031.5	20.0	-58.8	99.9	38.9	14.3*	-9.0	-11.2	656.4	999.9	99.9	999.9	202.5	72.
82.0	160.0	27054.6	17.0	-57.7	99.9	262.9	43.8*	43.4	5.4	690.9	999.9	99.9	999.9	201.1	73.
84.7	161.0	27853.8	15.0	-52.6	99.9	257.8	27.8*	27.2	5.9	733.2	999.9	99.9	999.9	208.6	73.
87.9	162.0	29296.6	12.0	-52.3	99.9	999.9	99.9	99.9	99.9	782.6	999.9	99.9	999.9	999.9	999.

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
2100 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	140.0	999.5	4.7	0.3	280.0	4.1	4.0	-0.7	278.4	288.5	3.9	73.0	0.0	0.
0.1	7.0	209.6	991.0	4.0	-2.8	999.9	99.9	99.9	99.9	278.3	286.6	3.2	61.2	999.9	999.
0.3	8.0	300.2	980.0	3.0	-2.8	999.9	99.9	99.9	99.9	278.2	286.5	3.2	65.7	999.9	999.
0.7	9.0	391.5	969.0	2.2	-2.2	999.9	99.9	99.9	99.9	278.2	287.0	3.4	72.8	999.9	999.
0.9	10.0	483.6	958.0	1.2	-2.3	999.9	99.9	99.9	99.9	278.1	286.9	3.4	77.7	999.9	999.
1.2	11.0	593.4	945.0	-0.3	-2.4	999.9	99.9	99.9	99.9	277.7	286.6	3.4	85.8	999.9	999.
1.6	12.0	687.0	934.0	-1.1	-2.5	999.9	99.9	99.9	99.9	277.9	286.7	3.4	90.1	999.9	999.
2.0	13.0	781.4	923.0	-2.2	-3.4	999.9	99.9	99.9	99.9	277.6	286.1	3.2	91.8	999.9	999.
2.5	14.0	867.8	913.0	-3.3	-3.8	999.9	99.9	99.9	99.9	277.4	285.6	3.2	96.3	999.9	999.
3.0	15.0	963.7	902.0	-3.9	-4.2	308.7	11.4	8.9	-7.1	277.7	285.8	3.1	97.7	1.7	132.
3.3	16.0	1078.2	889.0	-4.8	-5.1	306.6	11.4	9.1	-6.8	277.9	285.6	3.0	98.4	1.9	131.
3.8	17.0	1167.2	879.0	-5.2	-5.4	301.4	11.9	10.1	-6.2	278.4	286.1	2.9	98.2	2.3	130.
4.0	18.0	1266.3	868.0	-5.0	-5.7	299.0	12.2	10.7	-5.9	279.6	287.2	2.9	94.8	2.4	130.
4.2	19.0	1366.8	857.0	-3.9	-12.0	297.1	13.1	11.6	-5.9	281.6	286.5	1.8	53.5	2.5	129.
4.7	20.0	1459.8	847.0	-1.9	-10.9	291.9	14.7	13.7	-5.5	284.7	290.1	2.0	50.1	3.0	127.
5.0	21.0	1582.9	834.0	-1.4	-11.0	283.2	15.3	14.5	-4.8	286.5	292.0	2.0	48.0	3.2	126.
5.3	22.0	1679.0	824.0	-1.9	-10.1	284.3	16.8	16.2	-4.2	287.0	293.0	2.2	53.5	3.5	124.
5.7	23.0	1776.0	814.0	-2.5	-9.3	279.9	18.2	18.0	-3.1	287.3	293.8	2.3	59.5	3.9	122.
6.1	24.0	1884.0	803.0	-2.5	-23.6	276.7	19.0	18.9	-2.2	288.2	290.3	0.7	17.8	4.3	119.
6.5	25.0	1973.4	794.0	-2.5	-23.9	276.8	19.2	19.0	-2.3	289.2	291.2	0.7	17.3	4.7	117.
7.0	26.0	2094.1	782.0	-2.8	-24.2	280.3	22.4	22.1	-4.0	290.1	292.2	0.7	17.4	5.3	115.
7.3	27.0	2196.0	772.0	-2.8	-24.5	279.1	22.6	22.3	-3.6	291.2	293.2	0.7	16.9	5.7	114.
7.8	28.0	2299.1	762.0	-3.5	-25.0	277.6	23.1	22.9	-3.1	291.6	293.6	0.7	16.9	6.4	112.
8.1	29.0	2392.9	753.0	-4.1	-25.5	276.5	23.4	23.3	-2.7	291.9	293.8	0.6	17.0	6.8	111.
8.5	30.0	2498.2	743.0	-4.5	-26.5	274.2	23.9	23.9	-1.8	292.5	294.3	0.6	16.0	7.3	111.
8.9	31.0	2594.2	734.0	-4.1	-27.2	271.2	24.6	24.6	-0.5	294.0	295.7	0.6	14.5	7.9	109.
9.2	32.0	2702.2	724.0	-5.2	-27.3	269.2	25.3	25.3	0.3	294.0	295.7	0.6	15.6	8.3	108.
9.8	33.0	2811.3	714.0	-5.6	-28.7	265.9	27.1	27.0	1.9	294.6	296.2	0.5	14.1	9.2	106.
10.0	34.0	2910.6	705.0	-6.2	-29.2	265.0	27.8	27.7	2.4	295.0	296.6	0.5	14.1	9.5	105.
10.3	35.0	3011.1	696.0	-6.5	-22.8	263.8	29.1	29.0	3.2	295.8	298.5	0.9	26.0	10.0	104.
10.9	36.0	3146.8	684.0	-7.4	-22.1	261.8	32.0	31.6	4.6	296.3	299.2	0.9	29.7	11.0	102.
11.2	37.0	3249.8	675.0	-8.2	-21.1	261.3	33.0	32.6	5.0	296.6	299.8	1.0	34.3	11.6	101.
11.6	38.0	3353.9	666.0	-8.7	-23.3	261.1	33.8	33.4	5.2	297.1	299.8	0.9	29.4	12.4	100.
12.0	39.0	3459.2	657.0	-9.5	-30.6	261.5	33.7	33.4	5.0	297.4	298.8	0.5	15.9	13.1	99.
12.3	40.0	3553.8	649.0	-9.6	-31.4	262.2	33.9	33.6	4.6	298.2	299.6	0.4	14.9	13.7	98.
13.0	41.0	3685.8	638.0	-9.6	-32.9	264.1	35.8	35.6	3.7	299.7	300.9	0.4	12.9	15.0	96.
13.3	42.0	3795.4	629.0	-10.1	-32.8	264.3	37.6	37.4	3.7	300.4	301.7	0.4	13.4	15.7	96.
13.8	43.0	3906.3	620.0	-10.9	-30.8	263.8	40.9	40.6	4.4	300.7	302.2	0.5	17.5	16.9	95.
14.1	44.0	4018.5	611.0	-11.5	-28.6	263.1	43.1	42.8	5.2	301.3	303.2	0.6	22.5	17.6	95.
14.5	45.0	4119.4	603.0	-12.5	-24.4	261.6	46.3	45.8	6.8	301.3	304.0	0.9	36.0	18.6	94.
14.8	46.0	4234.1	594.0	-13.3	-23.0	259.9	47.7	46.9	8.4	301.7	304.8	1.0	43.6	19.5	94.
15.1	47.0	4337.3	586.0	-13.3	-24.7	258.1	48.4	47.4	10.0	302.8	305.6	0.9	37.8	20.4	93.
15.5	48.0	4455.4	577.0	-12.6	-24.6	255.1	47.6	46.0	12.2	305.0	307.8	0.9	36.0	21.6	92.
15.9	49.0	4561.9	569.0	-12.8	-23.2	252.3	45.7	43.5	13.9	306.0	309.3	1.0	41.2	22.6	91.
16.2	50.0	4669.8	561.0	-13.5	-21.7	251.0	45.6	43.1	14.9	306.5	310.2	1.2	49.9	23.4	90.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
2100 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.8	51.0	4806.6	551.0	-14.0	-21.5	251.0	50.0*	47.2	16.3	307.4	311.3	1.2	52.9	24.7	89.
17.2	52.0	4917.6	543.0	-14.6	-23.2	252.0	54.6*	51.9	16.9	308.0	311.4	1.1	47.7	25.9	88.
17.6	53.0	5029.8	535.0	-15.6	-24.2	252.6	57.3*	54.7	17.2	308.1	311.3	1.0	47.4	27.4	87.
18.0	54.0	5143.4	527.0	-16.5	-23.6	252.3	55.8*	53.1	16.9	308.3	311.7	1.1	53.9	29.1	87.
18.2	55.0	5258.1	519.0	-17.8	-22.5	252.0	53.7*	51.1	16.6	308.2	312.0	1.2	66.2	29.6	86.
18.8	56.0	5403.6	509.0	-18.3	-21.6	251.2	49.1*	46.5	15.8	309.3	313.5	1.3	75.1	31.1	86.
19.1	57.0	5522.0	501.0	-18.3	-23.1	251.1	48.5*	45.9	15.7	310.7	314.4	1.2	65.8	32.0	85.
19.6	58.0	5626.9	494.0	-19.4	-24.1	251.2	51.4*	48.7	16.5	310.6	314.1	1.1	65.9	33.4	85.
20.0	59.0	5748.3	486.0	-19.6	-24.8	251.6	57.8*	54.9	18.3	311.7	315.1	1.0	63.3	34.4	84.
20.3	60.0	5856.0	479.0	-19.8	-26.2	251.7	63.2*	60.0	19.9	312.8	315.8	0.9	56.3	35.4	84.
20.8	61.0	5965.2	472.0	-20.3	-28.5	251.1	65.7*	62.1	21.2	313.4	316.0	0.8	47.7	37.9	83.
21.1	62.0	6091.8	464.0	-20.3	-35.0	250.5	63.3*	59.6	21.2	314.9	316.3	0.4	25.4	39.4	83.
21.6	63.0	6204.3	457.0	-21.1	-36.6	249.3	57.0*	53.3	20.2	315.3	316.5	0.4	23.1	40.7	82.
22.0	64.0	6334.4	449.0	-22.1	-36.1	249.2	57.8*	54.0	20.5	315.7	317.0	0.4	26.6	41.5	82.
22.3	65.0	6449.8	442.0	-23.0	-36.9	249.8	60.8*	57.1	21.0	315.9	317.2	0.4	26.6	42.7	81.
22.9	66.0	6600.2	433.0	-24.3	-38.1	250.4	60.3*	56.8	20.2	316.1	317.3	0.3	26.3	45.6	81.
23.3	67.0	6718.8	426.0	-25.1	-38.9	250.0	54.6*	51.3	18.7	316.6	317.7	0.3	26.0	46.6	81.
23.9	68.0	6838.9	419.0	-26.2	-38.6	249.3	48.8*	45.7	17.3	316.7	317.9	0.3	29.8	48.6	80.
24.2	69.0	6960.6	412.0	-27.1	-41.6	250.1	50.3*	47.3	17.1	317.1	317.9	0.2	23.4	49.2	80.
24.8	70.0	7066.3	406.0	-27.6	-44.1	252.8	58.1*	55.4	17.2	317.7	318.4	0.2	18.8	51.0	80.
25.4	71.0	7227.1	397.0	-28.9	-48.4	254.6	65.5*	63.2	17.4	318.1	318.5	0.1	13.1	53.3	79.
25.9	72.0	7354.1	390.0	-30.1	-49.0	255.0	68.9*	66.6	17.9	318.1	318.5	0.1	13.7	55.0	79.
26.3	73.0	7464.2	384.0	-31.3	-50.2	254.5	68.1*	65.6	18.2	318.0	318.4	0.1	13.3	57.3	79.
26.9	74.0	7594.2	377.0	-32.4	-51.1	253.1	66.1*	63.2	19.2	318.1	318.5	0.1	13.5	59.3	79.
27.3	75.0	7726.2	370.0	-33.2	-51.1	252.4	70.5*	67.2	21.3	318.8	319.1	0.1	14.5	60.7	79.
27.8	76.0	7840.8	364.0	-34.3	-52.2	251.7	81.5*	77.4	25.6	318.9	319.2	0.1	14.1	63.2	78.
28.1	77.0	7956.9	358.0	-35.4	-53.1	251.2	88.1*	83.4	28.4	318.8	319.1	0.1	14.3	64.7	78.
28.7	78.0	8094.0	351.0	-36.5	-53.4	249.9	87.4*	82.0	30.1	319.2	319.5	0.1	15.3	68.0	78.
29.0	79.0	8213.3	345.0	-37.7	-54.3	249.1	78.4*	73.2	27.9	319.1	319.4	0.1	15.5	70.6	78.
29.5	80.0	8333.9	339.0	-39.0	99.9	247.4	50.3*	46.4	19.3	319.0	999.9	99.9	999.9	72.7	77.
30.0	81.0	8497.2	331.0	-40.5	99.9	247.2	46.4**	42.8	18.0	319.2	999.9	99.9	999.9	71.9	77.
30.5	82.0	8663.4	323.0	-41.7	99.9	249.4	66.8**	62.6	23.5	319.7	999.9	99.9	999.9	73.2	77.
30.9	83.0	8768.9	318.0	-43.0	99.9	250.3	72.0**	67.7	24.3	319.5	999.9	99.9	999.9	76.9	77.
31.3	84.0	8897.2	312.0	-43.4	99.9	250.5	69.0**	65.0	23.1	320.6	999.9	99.9	999.9	78.5	77.
31.8	85.0	9027.6	306.0	-44.6	99.9	250.6	68.1**	64.2	22.6	320.7	999.9	99.9	999.9	79.1	77.
32.2	86.0	9204.6	298.0	-45.6	99.9	250.9	71.5**	67.5	23.4	321.7	999.9	99.9	999.9	81.2	76.
32.8	87.0	9317.0	293.0	-46.9	99.9	251.4	73.2**	69.4	23.3	321.5	999.9	99.9	999.9	84.2	76.
33.1	88.0	9453.9	287.0	-47.7	99.9	251.9	70.6**	67.1	21.9	322.2	999.9	99.9	999.9	84.9	76.
33.7	89.0	9569.7	282.0	-48.9	99.9	253.5	60.4**	57.9	17.1	322.1	999.9	99.9	999.9	88.4	76.
34.1	90.0	9710.8	276.0	-49.4	99.9	255.0	55.6**	53.7	14.4	323.3	999.9	99.9	999.9	89.3	76.
34.6	91.0	9830.2	271.0	-50.6	99.9	256.5	62.9**	61.2	14.7	323.3	999.9	99.9	999.9	90.5	76.
35.0	92.0	9951.3	266.0	-52.0	99.9	256.9	78.6**	76.6	17.8	323.0	999.9	99.9	999.9	91.5	76.
35.5	93.0	10073.8	261.0	-53.3	99.9	258.0	89.6**	87.6	18.6	322.8	999.9	99.9	999.9	95.5	76.
36.0	94.0	10223.5	255.0	-53.3	99.9	260.2	81.2**	80.0	13.8	324.9	999.9	99.9	999.9	98.4	76.
36.5	95.0	10351.0	250.0	-53.7	99.9	261.8	67.4**	66.8	9.7	326.3	999.9	99.9	999.9	99.6	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
2100 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
37.0	96.0	10533.2	243.0	-54.6	99.9	261.0	59.5**	58.8	9.3	327.6	999.9	99.9	999.9	102.9	76.
37.6	97.0	10666.2	238.0	-54.7	99.9	259.3	54.7**	53.7	10.2	329.3	999.9	99.9	999.9	103.2	77.
38.0	98.0	10801.9	233.0	-55.2	99.9	257.8	52.0**	50.8	11.0	330.6	999.9	99.9	999.9	107.0	77.
38.5	99.0	10940.1	228.0	-56.2	99.9	255.0	53.3**	51.5	13.8	331.2	999.9	99.9	999.9	104.9	77.
39.0	100.0	11052.4	224.0	-56.7	99.9	252.1	54.5**	51.8	16.7	332.1	999.9	99.9	999.9	109.3	76.
39.8	101.0	11224.1	218.0	-57.8	99.9	248.1	75.9**	70.4	28.3	332.9	999.9	99.9	999.9	110.2	76.
40.1	102.0	11370.7	213.0	-57.3	99.9	247.3	92.1**	85.0	35.6	335.9	999.9	99.9	999.9	111.0	76.
40.7	103.0	11490.5	209.0	-57.5	99.9	244.0	103.3**	92.8	45.4	337.5	999.9	99.9	999.9	117.0	76.
41.1	104.0	11643.8	204.0	-56.5	99.9	238.6	82.8**	70.7	43.2	341.4	999.9	99.9	999.9	120.5	76.
41.6	105.0	11769.5	200.0	-56.5	99.9	230.7	57.1**	44.2	36.2	343.3	999.9	99.9	999.9	121.1	75.
42.0	106.0	11930.0	195.0	-56.8	99.9	236.1	66.2**	54.9	37.0	345.3	999.9	99.9	999.9	119.3	75.
42.3	107.0	12061.3	191.0	-56.8	99.9	241.4	83.0**	72.9	39.7	347.3	999.9	99.9	999.9	121.5	75.
42.9	108.0	12195.4	187.0	-57.0	99.9	245.4	82.0**	74.6	34.1	349.2	999.9	99.9	999.9	128.9	74.
43.5	109.0	12366.9	182.0	-57.3	99.9	247.4	57.5**	53.1	22.1	351.4	999.9	99.9	999.9	127.5	74.
43.9	110.0	12507.4	178.0	-57.3	99.9	249.7	66.1**	62.0	23.0	353.6	999.9	99.9	999.9	128.7	74.
44.5	111.0	12687.0	173.0	-58.5	99.9	251.9	73.9**	70.2	22.9	354.6	999.9	99.9	999.9	134.9	74.
45.1	112.0	12833.8	169.0	-59.5	99.9	252.2	71.1**	67.7	21.8	355.3	999.9	99.9	999.9	134.5	74.
45.8	113.0	12983.5	165.0	-60.0	99.9	251.1	99.9**	94.5	32.4	356.9	999.9	99.9	999.9	137.9	74.
46.3	114.0	13136.8	161.0	-59.8	99.9	250.9	103.4**	97.7	33.8	359.7	999.9	99.9	999.9	142.1	74.
46.9	115.0	13293.9	157.0	-60.0	99.9	250.5	59.8**	56.4	20.0	362.0	999.9	99.9	999.9	147.7	74.
47.6	116.0	13496.0	152.0	-60.0	99.9	248.5	45.9**	42.7	16.8	365.3	999.9	99.9	999.9	145.1	74.
48.0	117.0	13620.6	149.0	-59.7	99.9	249.6	73.6**	69.0	25.7	368.0	999.9	99.9	999.9	146.3	74.
48.6	118.0	13790.7	145.0	-59.8	99.9	251.3	62.2**	58.9	19.9	370.6	999.9	99.9	999.9	153.1	74.
49.1	119.0	13965.3	141.0	-60.3	99.9	250.4	29.0**	27.4	9.7	372.7	999.9	99.9	999.9	153.7	74.
49.7	120.0	14099.1	138.0	-61.2	99.9	249.0	50.8**	47.5	18.3	373.4	999.9	99.9	999.9	151.1	74.
50.2	121.0	14281.8	134.0	-60.9	99.9	250.6	75.9**	71.5	25.2	377.2	999.9	99.9	999.9	155.7	74.
50.8	122.0	14422.4	131.0	-61.4	99.9	252.4	61.8**	58.9	18.7	378.7	999.9	99.9	999.9	159.0	74.
51.3	123.0	14614.7	127.0	-61.6	99.9	253.7	52.0**	49.9	14.6	381.8	999.9	99.9	999.9	158.3	74.
52.0	124.0	14762.8	124.0	-61.7	99.9	255.4	39.0**	37.7	9.8	384.1	999.9	99.9	999.9	165.4	74.
52.7	125.0	14914.3	121.0	-62.1	99.9	254.9	56.7**	54.8	14.8	386.1	999.9	99.9	999.9	161.4	74.
53.4	126.0	15122.0	117.0	-62.3	99.9	254.5	97.0**	93.5	25.9	389.5	999.9	99.9	999.9	167.9	74.
54.0	127.0	15336.7	113.0	-62.6	99.9	258.2	60.9**	59.6	12.4	392.7	999.9	99.9	999.9	171.1	74.
54.6	128.0	15502.3	110.0	-63.6	99.9	260.5	17.0**	16.8	2.8	394.0	999.9	99.9	999.9	172.1	74.
55.2	129.0	15671.9	107.0	-63.7	99.9	246.0	39.6**	36.2	16.1	396.8	999.9	99.9	999.9	170.2	74.
55.9	130.0	15846.0	104.0	-64.7	99.9	251.5	74.2**	70.4	23.6	398.3	999.9	99.9	999.9	177.3	74.
56.7	131.0	16085.2	100.0	-65.3	99.9	257.8	53.1**	51.9	11.2	401.7	999.9	99.9	999.9	176.6	74.
57.2	132.0	16270.6	97.0	-65.3	99.9	261.4	28.0**	27.7	4.2	405.2	999.9	99.9	999.9	181.2	74.
58.0	133.0	16462.6	94.0	-63.9	99.9	256.3	62.1**	60.4	14.7	411.4	999.9	99.9	999.9	173.1	74.
58.7	134.0	16662.3	91.0	-61.9	99.9	255.8	120.4**	116.8	29.5	419.3	999.9	99.9	999.9	186.6	74.
59.2	135.0	16869.9	88.0	-61.6	99.9	261.3	78.0**	77.1	11.7	424.0	999.9	99.9	999.9	190.8	74.
60.0	136.0	17084.4	85.0	-62.5	99.9	295.7	17.3**	15.6	-7.5	426.4	999.9	99.9	999.9	187.9	74.
60.8	137.0	17306.1	82.0	-62.5	99.9	262.3	11.0**	10.9	1.5	430.8	999.9	99.9	999.9	191.3	74.
61.8	138.0	17614.7	78.0	-62.5	99.9	271.5	15.3**	15.3	-0.4	437.0	999.9	99.9	999.9	194.3	74.
62.7	139.0	17856.1	75.0	-63.7	99.9	37.7	9.5**	-5.8	-7.5	439.3	999.9	99.9	999.9	187.7	74.
63.5	140.0	18105.9	72.0	-64.7	99.9	253.1	45.4**	43.5	13.2	442.1	999.9	99.9	999.9	197.5	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
2100 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
64.4	141.0	18366.7	69.0	-63.2	99.9	228.7	12.6**	9.5	8.3	451.1	999.9	99.9	999.9	195.5	74.
65.3	142.0	18640.1	66.0	-63.2	99.9	100.9	13.5**	-13.3	2.6	456.8	999.9	99.9	999.9	192.3	74.
66.5	143.0	18927.3	63.0	-61.6	99.5	253.1	95.7**	91.5	27.9	466.5	999.9	99.9	999.9	198.7	74.
67.7	144.0	19229.7	60.0	-61.6	99.5	258.4	25.5**	25.0	5.1	473.1	999.9	99.9	999.9	201.4	74.
68.8	145.0	19547.2	57.0	-62.1	99.9	67.6	80.9**	-74.8	-30.9	478.9	999.9	99.9	999.9	198.2	74.
69.9	146.0	19880.2	54.0	-63.6	99.9	257.3	96.6**	94.2	21.2	483.0	999.9	99.9	999.9	201.6	74.
71.0	147.0	20231.3	51.0	-63.4	99.9	278.2	12.5**	12.4	-1.8	491.4	999.9	99.9	999.9	203.9	74.
72.1	148.0	20605.4	48.0	-61.6	99.9	49.0	26.2**	-19.7	-17.2	504.3	999.9	99.9	999.9	201.0	75.
73.3	149.0	21004.9	45.0	-62.1	99.9	255.4	26.3**	25.4	6.6	512.4	999.9	99.9	999.9	203.1	75.
74.7	150.0	21431.4	42.0	-62.1	99.5	258.8	31.8**	31.2	6.2	522.6	999.9	99.9	999.9	202.6	75.
76.1	151.0	21888.6	39.0	-63.0	99.5	251.8	75.3**	71.6	23.5	531.5	999.9	99.9	999.9	205.3	75.
77.3	152.0	22380.6	36.0	-63.6	99.9	64.3	33.7**	-30.4	-14.6	542.4	999.9	99.9	999.9	212.6	75.
78.8	153.0	22731.5	34.0	-63.6	99.9	258.6	64.6**	63.3	12.8	551.3	999.9	99.9	999.9	213.3	75.
80.2	154.0	23298.6	31.0	-63.6	99.9	71.5	29.9**	-28.3	-9.5	566.1	999.9	99.9	999.9	211.7	75.
81.8	155.0	23927.5	28.0	-60.9	99.9	288.8	19.1**	18.1	-6.1	590.3	999.9	99.9	999.9	213.7	75.
83.5	156.0	24633.7	25.0	-60.0	99.5	257.1	72.5**	70.7	16.2	612.2	999.9	99.9	999.9	218.5	75.
85.2	157.0	25432.5	22.0	-59.7	99.5	81.4	4.2**	-4.2	-0.6	636.0	999.9	99.9	999.9	222.7	75.
87.4	158.0	26028.7	20.0	-59.5	99.5	295.6	3.0**	2.8	-1.3	654.1	999.9	99.9	999.9	225.0	75.
90.0	159.0	27051.5	17.0	-57.1	99.9	252.0	35.0**	33.3	10.8	692.7	999.9	99.9	999.9	230.7	75.
93.2	160.0	28285.9	14.0	-55.1	99.9	270.2	35.6**	35.6	-0.1	739.4	999.9	99.9	999.9	230.8	76.
96.9	161.0	29832.0	11.0	-53.5	99.9	999.9	99.9	99.9	99.9	797.8	999.9	99.9	999.9	999.9	999.

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
2315 GMT

152 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	140.0	1000.4	2.8	-2.1	290.0	5.1	4.8	-1.7	276.3	284.8	3.3	70.0	0.0	0.
0.4	7.0	240.6	988.0	0.9	-5.0	273.9	7.4	7.4	-0.5	275.3	282.3	2.7	64.9	0.2	87.
0.8	8.0	338.7	976.0	-0.3	-4.5	282.9	8.9	8.7	-2.0	275.2	282.5	2.8	73.2	0.3	90.
1.1	9.0	429.4	965.0	-0.6	-5.0	296.7	10.4	9.3	-4.7	275.7	282.8	2.7	71.8	0.5	94.
1.4	10.0	529.3	953.0	-1.4	-5.2	313.6	13.1	8.6	-9.8	275.9	283.0	2.7	74.8	0.7	101.
1.8	11.0	647.1	939.0	-2.3	-4.0	329.8	13.6	6.8	-11.8	276.1	284.0	3.0	88.3	1.0	119.
2.2	12.0	749.2	927.0	-3.3	-4.1	327.9	12.0	6.4	-10.1	276.2	284.1	3.0	94.0	1.3	127.
2.6	13.0	843.6	916.0	-4.0	-4.1	316.8	10.7	7.3	-7.8	276.3	284.4	3.1	99.6	1.5	129.
2.9	14.0	938.9	905.0	-4.8	-4.8	318.9	11.6	7.6	-6.8	276.5	284.2	3.0	102.7	1.7	130.
3.3	15.0	1043.8	893.0	-5.7	-5.7	320.9	11.6	7.3	-9.0	276.6	283.9	2.8	104.2	2.0	131.
3.7	16.0	1167.6	879.0	-6.6	-6.6	322.6	10.1	6.1	-8.0	276.9	283.8	2.7	104.0	2.3	133.
4.1	17.0	1265.8	868.0	-7.7	-7.7	322.8	9.0	5.4	-7.1	276.8	283.3	2.5	103.9	2.5	133.
4.6	18.0	1365.3	857.0	-7.1	-7.1	317.9	12.7	8.5	-9.4	278.4	285.4	2.6	104.0	2.7	134.
4.8	19.0	1466.3	846.0	-6.2	-6.2	314.4	13.5	9.6	-9.4	280.4	288.0	2.9	104.1	3.0	135.
5.1	20.0	1568.9	835.0	-5.7	-9.9	309.4	14.0	10.8	-8.9	281.9	287.7	2.2	72.2	3.2	135.
5.6	21.0	1691.9	822.0	-5.7	-22.5	300.8	13.6	11.7	-7.0	283.0	285.2	0.8	25.2	3.6	133.
5.9	22.0	1797.5	811.0	-5.6	-25.8	301.5	15.1	12.9	-7.9	284.2	285.9	0.6	18.4	3.9	132.
6.3	23.0	1894.8	801.0	-5.4	-25.7	302.0	15.8	13.4	-8.4	285.3	287.1	0.6	18.4	4.2	131.
6.7	24.0	2003.3	790.0	-5.3	-25.6	299.6	16.3	14.1	-8.0	286.6	288.5	0.6	18.4	4.6	131.
7.1	25.0	2103.4	780.0	-5.1	-25.4	294.8	16.9	15.4	-7.1	287.9	289.7	0.6	18.4	5.0	130.
7.5	26.0	2235.5	767.0	-4.6	-25.1	290.1	17.2	16.2	-5.9	289.7	291.7	0.6	18.4	5.4	128.
7.8	27.0	2338.8	757.0	-4.5	-29.0	287.8	17.5	16.6	-5.3	291.0	292.4	0.5	12.6	5.7	127.
8.2	28.0	2453.9	746.0	-5.0	-29.3	285.4	18.0	17.3	-4.8	291.7	293.1	0.4	12.7	6.1	126.
8.6	29.0	2559.8	736.0	-5.4	-29.6	283.6	18.7	18.2	-4.4	292.3	293.7	0.4	12.7	6.5	124.
8.9	30.0	2667.1	726.0	-5.7	-29.9	282.4	19.4	19.0	-4.2	293.1	294.5	0.4	12.7	6.8	123.
9.2	31.0	2775.6	716.0	-6.3	-30.3	281.0	20.0	19.7	-3.8	293.6	295.0	0.4	12.8	7.1	122.
9.6	32.0	2885.5	706.0	-6.9	-30.7	278.8	20.7	20.5	-3.2	294.1	295.5	0.4	12.8	7.6	121.
10.0	33.0	2996.5	696.0	-8.0	-31.5	276.2	21.1	21.0	-2.3	294.2	295.4	0.4	12.9	8.0	119.
10.3	34.0	3108.9	686.0	-8.5	-31.9	274.5	20.8	20.7	-1.6	294.8	296.0	0.4	13.0	8.4	118.
10.7	35.0	3211.1	677.0	-9.4	-32.6	272.9	20.2	20.1	-1.0	294.9	296.0	0.4	13.1	8.9	117.
11.2	36.0	3360.7	664.0	-10.1	-33.1	272.6	19.3	19.3	-0.9	295.7	296.8	0.3	13.1	9.4	115.
11.6	37.0	3465.7	655.0	-11.0	-33.8	273.1	19.2	19.2	-1.0	295.9	297.0	0.3	13.2	9.8	114.
12.1	38.0	3571.7	646.0	-12.1	-34.6	272.8	20.3	20.3	-1.0	295.8	296.8	0.3	13.3	10.3	113.
12.4	39.0	3690.8	636.0	-12.9	-35.1	271.6	21.6	21.6	-0.6	296.3	297.2	0.3	13.3	10.7	113.
12.8	40.0	3799.4	627.0	-13.4	-35.6	270.1	23.8	23.8	-0.0	296.8	297.8	0.3	13.4	11.2	112.
13.2	41.0	3946.4	615.0	-13.6	-35.7	269.0	26.5	26.5	0.4	298.3	299.3	0.3	13.4	11.7	110.
13.7	42.0	4058.5	606.0	-13.7	-35.8	268.0	30.5	30.5	1.1	299.4	300.4	0.3	13.4	12.5	109.
14.1	43.0	4184.9	596.0	-13.8	-35.9	266.6	33.8	33.7	2.0	300.7	301.7	0.3	13.4	13.3	108.
14.5	44.0	4300.5	587.0	-14.0	-36.0	264.6	37.1	37.0	3.5	301.8	302.8	0.3	13.4	14.1	107.
14.9	45.0	4404.5	579.0	-15.0	-35.5	262.6	40.5	40.2	5.2	301.9	302.9	0.3	15.3	14.9	105.
15.3	46.0	4522.9	570.0	-15.2	-34.4	260.8	43.4	42.9	6.9	302.9	304.1	0.4	17.5	15.9	104.
15.7	47.0	4643.1	561.0	-15.8	-30.2	258.8	45.8	45.0	8.9	303.7	305.4	0.5	27.5	16.9	102.
16.1	48.0	4764.9	552.0	-16.5	-25.6	256.5	47.7	46.4	11.2	304.3	307.0	0.9	45.1	17.9	101.
16.6	49.0	4888.5	543.0	-16.5	-26.2	253.7	49.4	47.5	12.9	305.7	308.4	0.8	42.5	19.2	99.
16.9	50.0	4999.9	535.0	-17.4	-28.1	252.8	50.1	47.8	14.8	305.9	308.1	0.7	38.5	20.1	98.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
2315 GMT

152 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.5	51.0	5155.6	524.0	-17.6	-30.5	253.4	51.3	49.1	14.7	307.5	309.4	0.6	31.2	21.7	96.
17.9	52.0	5271.0	516.0	-16.7	-32.7	255.4	53.1	51.3	13.4	309.8	311.4	0.5	23.4	22.8	94.
18.3	53.0	5403.1	507.0	-17.2	-30.6	257.2	55.3	53.9	12.2	310.9	312.9	0.6	25.8	24.1	93.
18.8	54.0	5522.1	499.0	-18.1	-30.3	258.7	57.4	56.3	11.2	311.2	313.1	0.6	31.8	25.8	92.
19.2	55.0	5642.7	491.0	-19.2	-30.7	258.9	57.7	56.6	11.1	311.3	313.2	0.6	34.5	27.1	92.
19.7	56.0	5795.5	481.0	-20.1	-31.0	257.8	56.3	55.0	11.9	311.9	313.9	0.6	36.9	28.9	91.
20.1	57.0	5919.7	473.0	-20.7	-30.3	256.2	55.5*	53.9	13.3	312.8	314.9	0.6	41.7	30.2	91.
20.5	58.0	6045.8	465.0	-20.9	-29.2	254.6	56.4*	54.4	15.0	314.0	316.4	0.7	47.0	31.1	90.
20.9	59.0	6157.8	458.0	-21.7	-34.0	253.8	58.1*	55.8	16.2	314.3	315.9	0.5	31.8	32.7	89.
21.3	60.0	6287.4	450.0	-22.4	-36.0	253.4	58.9*	56.5	16.8	315.1	316.4	0.4	27.7	34.2	89.
21.8	61.0	6418.9	442.0	-23.3	-39.2	253.4	60.7*	58.2	17.3	315.5	316.5	0.3	21.5	35.7	88.
22.1	62.0	6552.4	434.0	-24.0	-40.0	253.7	62.6*	60.1	17.6	316.3	317.2	0.3	21.0	36.6	87.
22.5	63.0	6670.8	427.0	-25.2	-38.9	254.2	66.2*	63.7	18.0	316.3	317.3	0.3	26.2	38.3	87.
22.9	64.0	6807.9	419.0	-26.2	-39.8	254.2	67.2*	64.7	18.3	316.6	317.6	0.3	26.3	40.1	86.
23.3	65.0	6929.5	412.0	-27.2	-41.1	253.9	66.6*	64.0	18.4	317.0	317.9	0.2	25.1	41.6	86.
23.8	66.0	7088.2	403.0	-28.6	-42.8	253.3	65.7*	63.0	18.9	317.1	317.9	0.2	23.9	43.4	85.
24.2	67.0	7213.5	396.0	-29.6	-44.0	252.6	65.8*	62.8	19.7	317.3	318.0	0.2	23.1	45.0	85.
24.7	68.0	7358.9	388.0	-30.4	-44.2	251.7	66.2*	62.9	20.8	318.1	318.8	0.2	24.4	46.9	84.
25.2	69.0	7488.0	381.0	-31.5	-44.6	251.0	66.0*	62.4	21.5	318.4	319.1	0.2	25.7	48.9	84.
25.6	70.0	7600.1	375.0	-32.7	-45.4	250.7	65.5*	61.8	21.6	318.3	318.9	0.2	26.5	50.5	83.
26.1	71.0	7770.7	366.0	-34.2	-46.6	250.5	64.4*	60.7	21.5	318.4	319.0	0.2	26.9	52.3	83.
26.6	72.0	7905.5	359.0	-35.4	-47.4	250.1	62.4*	58.6	21.2	318.6	319.1	0.1	27.7	54.3	82.
27.1	73.0	8042.3	352.0	-36.5	-47.2	250.2	61.9*	58.2	21.0	319.0	319.5	0.1	31.5	56.0	82.
27.6	74.0	8181.3	345.0	-37.7	-47.1	251.2	66.6*	63.1	21.5	319.2	319.7	0.2	36.3	57.7	82.
27.9	75.0	8301.9	339.0	-39.0	-47.2	252.0	71.6*	68.1	22.1	319.0	319.5	0.2	41.0	58.8	81.
28.3	76.0	8424.1	333.0	-40.2	99.9	252.5	75.7*	72.2	22.7	319.0	999.9	99.9	999.9	60.7	81.
28.9	77.0	8568.7	326.0	-41.3	99.9	251.7	70.0*	66.5	22.0	319.5	999.9	99.9	999.9	63.7	81.
29.5	78.0	8694.7	320.0	-41.9	99.9	248.6	55.3*	51.5	20.2	320.4	999.9	99.9	999.9	66.7	80.
29.9	79.0	8844.2	313.0	-43.0	99.9	248.5	57.9*	53.9	21.2	320.9	999.9	99.9	999.9	66.3	80.
30.4	80.0	8974.5	307.0	-43.6	99.9	250.3	71.6*	67.4	24.2	321.7	999.9	99.9	999.9	68.5	80.
30.9	81.0	9128.9	300.0	-45.5	99.9	251.4	81.4*	77.2	25.9	321.3	999.9	99.9	999.9	71.4	80.
31.5	82.0	9263.3	294.0	-46.9	99.9	252.1	76.4*	72.7	22.5	321.2	999.9	99.9	999.9	73.9	79.
31.9	83.0	9399.6	288.0	-48.0	99.9	252.7	66.2*	63.2	19.6	321.4	999.9	99.9	999.9	76.6	79.
32.4	84.0	9538.1	282.0	-48.9	99.9	255.0	45.4*	43.8	11.7	322.1	999.9	99.9	999.9	77.3	79.
32.8	85.0	9679.0	276.0	-50.1	99.9	254.3	62.7	60.4	17.0	322.4	999.9	99.9	999.9	78.8	79.
33.4	86.0	9846.5	269.0	-51.1	99.9	999.9	99.9	99.9	99.9	323.2	999.9	99.9	999.9	999.9	999.
33.9	87.0	9992.8	263.0	-52.5	99.9	999.9	99.9	99.9	99.9	323.3	999.9	99.9	999.9	999.9	999.
34.5	88.0	10116.4	258.0	-53.9	99.9	999.9	99.9	99.9	99.9	323.1	999.9	99.9	999.9	999.9	999.
35.0	89.0	10267.3	252.0	-54.8	99.9	999.9	99.9	99.9	99.9	323.9	999.9	99.9	999.9	999.9	999.
35.6	90.0	10395.1	247.0	-56.1	99.9	999.9	99.9	99.9	99.9	323.8	999.9	99.9	999.9	999.9	999.
36.2	91.0	10524.8	242.0	-56.9	99.9	999.9	99.9	99.9	99.9	324.5	999.9	99.9	999.9	999.9	999.
36.8	92.0	10684.0	236.0	-56.6	99.9	999.9	99.9	99.9	99.9	327.3	999.9	99.9	999.9	999.9	999.
37.3	93.0	10819.9	231.0	-56.4	99.9	999.9	99.9	99.9	99.9	329.6	999.9	99.9	999.9	999.9	999.
37.8	94.0	10958.8	226.0	-56.6	99.9	999.9	99.9	99.9	99.9	331.4	999.9	99.9	999.9	999.9	999.
38.3	95.0	11100.4	221.0	-57.4	99.9	999.9	99.9	99.9	99.9	332.3	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
2315 GMT

152 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.9	96.0	11274.2	215.0	-57.9	99.9	999.9	99.9	99.9	99.9	334.1	999.9	99.9	999.9	999.9	999.9
39.3	97.0	11422.5	210.0	-58.1	99.9	999.9	99.9	99.9	99.9	336.1	999.9	99.9	999.9	999.9	999.9
39.9	98.0	11574.3	205.0	-58.1	99.9	999.9	99.9	99.9	99.9	338.4	999.9	99.9	999.9	999.9	999.9
40.3	99.0	11658.9	201.0	-56.6	99.9	999.9	99.9	99.9	99.9	342.7	999.9	99.9	999.9	999.9	999.9
40.9	100.0	11858.9	196.0	-56.1	99.9	999.9	99.9	99.9	99.9	346.0	999.9	99.9	999.9	999.9	999.9
41.5	101.0	12056.4	190.0	-56.4	99.9	999.9	99.9	99.9	99.9	348.5	999.9	99.9	999.9	999.9	999.9
42.1	102.0	12191.3	186.0	-57.1	99.9	999.9	99.9	99.9	99.9	349.6	999.9	99.9	999.9	999.9	999.9
42.6	103.0	12328.6	182.0	-58.1	99.9	999.9	99.9	99.9	99.9	350.2	999.9	99.9	999.9	999.9	999.9
43.1	104.0	12503.5	177.0	-59.4	99.9	999.9	99.9	99.9	99.9	350.7	999.9	99.9	999.9	999.9	999.9
43.7	105.0	12646.6	173.0	-59.4	99.9	999.9	99.9	99.9	99.9	353.0	999.9	99.9	999.9	999.9	999.9
44.3	106.0	12793.0	169.0	-59.6	99.9	999.9	99.9	99.9	99.9	355.1	999.9	99.9	999.9	999.9	999.9
45.0	107.0	12980.6	164.0	-60.3	99.9	999.9	99.9	99.9	99.9	357.0	999.9	99.9	999.9	999.9	999.9
45.5	108.0	13095.6	161.0	-60.8	99.9	999.9	99.9	99.9	99.9	358.0	999.9	99.9	999.9	999.9	999.9
46.2	109.0	13291.8	156.0	-60.8	99.9	999.9	99.9	99.9	99.9	361.3	999.9	99.9	999.9	999.9	999.9
46.9	110.0	13453.2	152.0	-61.3	99.9	999.9	99.9	99.9	99.9	363.1	999.9	99.9	999.9	999.9	999.9
47.5	111.0	13618.6	148.0	-61.3	99.9	999.9	99.9	99.9	99.9	365.8	999.9	99.9	999.9	999.9	999.9
48.1	112.0	13831.9	143.0	-61.3	99.9	999.9	99.9	99.9	99.9	369.5	999.9	99.9	999.9	999.9	999.9
48.8	113.0	13963.6	140.0	-60.6	99.9	999.9	99.9	99.9	99.9	372.9	999.9	99.9	999.9	999.9	999.9
49.4	114.0	14143.9	136.0	-61.0	99.9	999.9	99.9	99.9	99.9	375.4	999.9	99.9	999.9	999.9	999.9
50.0	115.0	14282.5	133.0	-61.3	99.9	999.9	99.9	99.9	99.9	377.2	999.9	99.9	999.9	999.9	999.9
50.9	116.0	14520.1	128.0	-61.5	99.9	999.9	99.9	99.9	99.9	381.0	999.9	99.9	999.9	999.9	999.9
51.6	117.0	14667.0	125.0	-61.9	99.9	999.9	99.9	99.9	99.9	383.0	999.9	99.9	999.9	999.9	999.9
52.2	118.0	14817.2	122.0	-62.4	99.9	999.9	99.9	99.9	99.9	384.7	999.9	99.9	999.9	999.9	999.9
52.9	119.0	15022.5	118.0	-63.3	99.9	999.9	99.9	99.9	99.9	386.7	999.9	99.9	999.9	999.9	999.9
53.6	120.0	15180.4	115.0	-64.3	99.9	999.9	99.9	99.9	99.9	387.8	999.9	99.9	999.9	999.9	999.9
54.2	121.0	15341.9	112.0	-64.8	99.9	999.9	99.9	99.9	99.9	389.6	999.9	99.9	999.9	999.9	999.9
54.9	122.0	15507.4	109.0	-65.2	99.9	999.9	99.9	99.9	99.9	392.0	999.9	99.9	999.9	999.9	999.9
55.7	123.0	15677.4	106.0	-65.2	99.9	999.9	99.9	99.9	99.9	395.1	999.9	99.9	999.9	999.9	999.9
56.4	124.0	15852.1	103.0	-65.6	99.9	999.9	99.9	99.9	99.9	397.6	999.9	99.9	999.9	999.9	999.9
57.1	125.0	16031.6	100.0	-66.2	99.9	999.9	99.9	99.9	99.9	399.9	999.9	99.9	999.9	999.9	999.9
58.0	126.0	16279.0	96.0	-66.2	99.9	999.9	99.9	99.9	99.9	404.5	999.9	99.9	999.9	999.9	999.9
58.8	127.0	16471.6	93.0	-66.0	99.9	999.9	99.9	99.9	99.9	408.6	999.9	99.9	999.9	999.9	999.9
59.4	128.0	16670.5	90.0	-66.2	99.9	999.9	99.9	99.9	99.9	412.1	999.9	99.9	999.9	999.9	999.9
60.1	129.0	16975.7	87.0	-66.8	99.9	999.9	99.9	99.9	99.9	414.9	999.9	99.9	999.9	999.9	999.9
60.8	130.0	17016.6	85.0	-65.8	99.9	999.9	99.9	99.9	99.9	419.7	999.9	99.9	999.9	999.9	999.9
61.7	131.0	17309.6	81.0	-65.4	99.9	999.9	99.9	99.9	99.9	426.3	999.9	99.9	999.9	999.9	999.9
62.4	132.0	17461.5	79.0	-66.2	99.9	999.9	99.9	99.9	99.9	427.7	999.9	99.9	999.9	999.9	999.9
63.4	133.0	17697.4	76.0	-64.1	99.9	999.9	99.9	99.9	99.9	436.9	999.9	99.9	999.9	999.9	999.9
64.2	134.0	17861.5	74.0	-62.0	99.9	999.9	99.9	99.9	99.9	444.5	999.9	99.9	999.9	999.9	999.9
65.0	135.0	18117.6	71.0	-61.7	99.9	999.9	99.9	99.9	99.9	450.6	999.9	99.9	999.9	999.9	999.9
65.9	136.0	18384.0	68.0	-63.3	99.9	999.9	99.9	99.9	99.9	452.7	999.9	99.9	999.9	999.9	999.9
66.8	137.0	18660.7	65.0	-64.3	99.9	999.9	99.9	99.9	99.9	456.5	999.9	99.9	999.9	999.9	999.9
67.8	138.0	18951.1	62.0	-62.4	99.9	999.9	99.9	99.9	99.9	466.8	999.9	99.9	999.9	999.9	999.9
68.9	139.0	19256.8	59.0	-63.0	99.9	999.9	99.9	99.9	99.9	472.3	999.9	99.9	999.9	999.9	999.9
70.1	140.0	19577.4	56.0	-63.9	99.9	999.9	99.9	99.9	99.9	477.2	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 226  
CENTERVILLE, ALA

6 FEBRUARY 1975  
2315 GMT

152 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
71.1	141.0	19799.7	54.0	-65.2	99.9	999.9	99.9	99.9	99.9	479.2	999.9	99.9	999.9	999.9	999.9
72.2	142.0	20148.3	51.0	-64.6	99.9	999.9	99.9	99.9	99.9	488.4	999.9	99.9	999.9	999.9	999.9
73.5	143.0	20519.7	48.0	-63.3	99.9	999.9	99.9	99.9	99.9	500.1	999.9	99.9	999.9	999.9	999.9
74.7	144.0	20781.2	46.0	-63.5	99.9	999.9	99.9	99.9	99.9	505.8	999.9	99.9	999.9	999.9	999.9
75.8	145.0	21194.8	43.0	-64.1	99.9	999.9	99.9	99.9	99.9	514.2	999.9	99.9	999.9	999.9	999.9
77.2	146.0	21636.0	40.0	-65.6	99.9	999.9	99.9	99.9	99.9	521.1	999.9	99.9	999.9	999.9	999.9
78.7	147.0	21948.9	38.0	-64.3	99.9	999.9	99.9	99.9	99.9	532.3	999.9	99.9	999.9	999.9	999.9
80.1	148.0	22452.5	35.0	-63.9	99.9	999.9	99.9	99.9	99.9	545.9	999.9	99.9	999.9	999.9	999.9
81.7	149.0	22813.5	33.0	-63.5	99.9	999.9	99.9	99.9	99.9	556.2	999.9	99.9	999.9	999.9	999.9
83.4	150.0	23358.6	30.0	-63.7	99.9	999.9	99.9	99.9	99.9	571.0	999.9	99.9	999.9	999.9	999.9
85.3	151.0	23820.7	28.0	-64.8	99.9	999.9	99.9	99.9	99.9	579.2	999.9	99.9	999.9	999.9	999.9
87.2	152.0	24517.8	25.0	-61.5	99.9	999.9	99.9	99.9	99.9	607.9	999.9	99.9	999.9	999.9	999.9
89.4	153.0	25035.3	23.0	-61.0	99.9	999.9	99.9	99.9	99.9	624.1	999.9	99.9	999.9	999.9	999.9
91.7	154.0	25906.8	20.0	-59.6	99.9	999.9	99.9	99.9	99.9	653.8	999.9	99.9	999.9	999.9	999.9
94.2	155.0	26567.0	18.0	-58.9	99.9	999.9	99.9	99.9	99.9	676.0	999.9	99.9	999.9	999.9	999.9
97.0	156.0	27706.6	15.0	-60.6	99.9	999.9	99.9	99.9	99.9	706.4	999.9	99.9	999.9	999.9	999.9
100.4	157.0	29110.6	12.0	-56.1	99.9	999.9	99.9	99.9	99.9	769.1	999.9	99.9	999.9	999.9	999.9

STATION NO. 226  
CENTERVILLE, ALA

7 FEBRUARY 1975  
545 GMT

157 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	140.0	1004.9	-0.5	-5.7	340.0	4.1	1.4	-3.9	272.6	279.0	2.5	68.0	0.0	0.
0.5	6.0	211.1	996.0	-0.6	-5.4	999.9	99.9	99.9	99.9	273.2	279.8	2.6	70.0	999.9	999.
0.7	7.0	299.7	985.0	-1.7	-5.0	999.9	99.9	99.9	99.9	273.0	279.9	2.7	78.2	999.9	999.
0.8	8.0	397.2	973.0	-2.8	-4.6	999.9	99.9	99.9	99.9	272.8	280.0	2.8	87.7	999.9	999.
1.0	9.0	487.2	962.0	-3.6	-4.4	999.9	99.9	99.9	99.9	272.9	280.3	2.9	93.9	999.9	999.
1.4	10.0	569.6	952.0	-5.1	-5.6	999.9	99.9	99.9	99.9	272.2	279.0	2.6	96.3	999.9	999.
1.8	11.0	686.0	938.0	-5.7	-5.7	359.3	6.2	0.1	-6.2	272.7	279.6	2.7	104.2	0.7	153.
2.1	12.0	770.0	928.0	-6.5	-6.5	351.3	6.1	0.9	-6.1	272.8	279.3	2.5	104.8	0.8	158.
2.4	13.0	863.1	917.0	-7.4	-7.4	328.2	6.1	3.2	-5.2	272.8	279.0	2.4	105.4	1.0	156.
2.7	14.0	957.1	906.0	-7.9	-7.9	322.2	6.5	4.0	-5.2	273.1	279.1	2.3	104.2	1.1	154.
3.0	15.0	1043.5	896.0	-7.5	-7.5	324.1	6.8	4.0	-5.5	274.4	280.8	2.4	104.6	1.2	153.
3.4	16.0	1157.2	883.0	-8.4	-8.4	328.9	7.8	4.0	-6.7	274.6	280.7	2.3	105.6	1.4	152.
3.7	17.0	1254.5	872.0	-8.8	-8.8	326.9	8.5	4.6	-7.1	275.2	281.1	2.2	105.6	1.5	152.
4.0	18.0	1344.0	862.0	-8.1	-8.1	322.9	9.1	5.5	-7.3	276.9	283.2	2.4	105.3	1.7	152.
4.3	19.0	1444.0	851.0	-7.7	-9.2	317.5	10.0	6.7	-7.3	278.3	284.3	2.2	88.3	1.8	150.
4.7	20.0	1536.1	841.0	-6.9	-9.5	313.0	11.1	8.1	-7.5	280.0	286.0	2.2	81.2	2.1	148.
5.1	21.0	1648.6	829.0	-5.9	-11.3	309.5	11.7	9.1	-7.5	282.3	287.6	1.9	65.5	2.3	147.
5.4	22.0	1753.4	818.0	-5.4	-12.0	304.3	11.5	9.5	-6.5	283.8	288.9	1.9	59.4	2.6	145.
5.8	23.0	1849.8	808.0	-6.0	-17.9	301.1	11.6	9.9	-5.0	284.1	287.4	1.2	38.5	2.8	143.
6.1	24.0	1937.4	799.0	-6.5	-20.0	301.1	11.8	10.1	-5.1	284.5	287.3	1.0	33.2	3.0	141.
6.4	25.0	2045.7	788.0	-6.8	-21.2	303.8	11.9	9.9	-6.6	285.3	287.0	0.9	30.4	3.2	140.
6.9	26.0	2165.4	776.0	-7.4	-23.3	304.7	12.3	10.1	-7.0	285.9	288.1	0.7	26.5	3.5	138.
7.2	27.0	2266.3	766.0	-7.7	-28.1	304.2	12.8	10.6	-7.2	286.6	288.1	0.5	17.5	3.8	138.
7.6	28.0	2358.2	757.0	-8.1	-35.1	302.8	13.4	11.3	-7.3	287.0	287.8	0.3	9.2	4.1	137.
7.9	29.0	2461.5	747.0	-8.1	-35.1	301.0	14.0	12.0	-7.2	288.1	288.9	0.3	9.2	4.3	136.
8.3	30.0	2555.6	738.0	-7.9	-35.0	298.7	14.7	12.9	-7.1	289.3	290.1	0.3	9.1	4.6	135.
8.6	31.0	2661.7	728.0	-7.7	-34.8	297.4	15.3	13.6	-7.0	290.8	291.6	0.3	9.1	4.9	134.
9.0	32.0	2758.4	719.0	-7.7	-34.3	296.8	16.1	14.4	-7.2	291.8	292.7	0.3	9.1	5.2	133.
9.3	33.0	2867.3	709.0	-7.7	-34.3	297.1	16.6	14.8	-7.5	293.0	293.8	0.3	9.1	5.5	132.
9.7	34.0	2966.7	700.0	-7.9	-35.0	297.2	17.2	15.3	-7.9	293.7	294.6	0.3	9.1	6.0	131.
10.1	35.0	3067.1	691.0	-8.5	-35.4	296.6	17.8	15.9	-8.0	294.1	295.0	0.3	9.2	6.3	130.
10.5	36.0	3191.2	680.0	-9.7	-36.2	295.1	18.5	16.7	-7.8	294.2	295.0	0.3	9.3	6.7	129.
10.8	37.0	3305.4	670.0	-10.4	-36.7	293.5	18.9	17.4	-7.5	294.6	295.4	0.2	9.4	7.1	128.
11.2	38.0	3397.7	662.0	-11.1	-37.2	291.5	19.7	18.3	-7.2	294.8	295.6	0.2	9.5	7.6	127.
11.6	39.0	3502.7	653.0	-11.8	-37.7	290.0	20.6	19.4	-7.1	295.2	295.9	0.2	9.5	8.0	126.
11.9	40.0	3608.7	644.0	-12.7	-38.3	289.3	21.5	20.3	-7.1	295.4	296.1	0.2	9.6	8.3	126.
12.3	41.0	3739.9	633.0	-13.7	-38.9	288.4	22.5	21.4	-7.1	295.7	296.4	0.2	9.7	8.9	125.
12.6	42.0	3848.6	624.0	-14.5	-39.5	287.9	23.0	21.9	-7.1	296.0	296.6	0.2	9.8	9.3	124.
13.0	43.0	3958.5	615.0	-15.3	-40.1	287.2	23.3	22.2	-6.9	296.3	296.9	0.2	9.9	9.8	123.
13.3	44.0	4057.2	607.0	-16.4	-40.9	287.4	23.3	22.3	-7.0	296.1	296.7	0.2	10.0	10.2	122.
13.7	45.0	4169.4	598.0	-17.1	-41.3	287.8	23.5	22.4	-7.2	296.6	297.1	0.2	10.0	10.8	121.
14.1	46.0	4270.2	590.0	-17.8	-41.3	288.0	23.8	22.7	-7.4	296.9	297.5	0.2	10.1	11.3	121.
14.4	47.0	4372.3	582.0	-18.0	-41.9	287.6	24.2	23.0	-7.3	297.9	298.5	0.2	10.1	11.8	121.
14.8	48.0	4489.1	573.0	-16.6	-41.0	286.2	24.9	23.9	-7.0	300.8	301.5	0.2	10.0	12.3	120.
15.2	49.0	4594.8	565.0	-16.6	-41.0	284.5	26.2	25.4	-6.6	302.1	302.7	0.2	10.0	12.9	119.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

7 FEBRUARY 1975  
545 GMT

157 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.6	50.0	4701.9	557.0	-17.1	-41.3	283.2	27.7	27.0	-6.3	302.6	303.3	0.2	10.0	13.5	119.
15.9	51.0	4837.5	547.0	-18.0	-41.9	282.5	28.5	27.8	-6.2	303.2	303.8	0.2	10.1	14.0	118.
16.3	52.0	4947.6	539.0	-18.2	-42.1	282.1	28.2	27.6	-5.9	304.2	304.8	0.2	10.1	14.7	117.
16.7	53.0	5059.2	531.0	-18.6	-42.5	281.4	27.7	27.1	-5.5	305.0	305.6	0.2	10.2	15.4	116.
17.2	54.0	5172.2	523.0	-19.3	-42.9	279.3	28.2	27.8	-4.6	305.5	306.1	0.2	10.2	16.1	116.
17.6	55.0	5272.3	516.0	-20.0	-43.4	276.2	30.0	29.8	-3.3	305.9	306.4	0.2	10.3	16.7	115.
18.0	56.0	5417.1	506.0	-21.1	-44.1	272.2	32.7	32.7	-1.2	306.3	306.8	0.1	10.4	17.5	114.
18.4	57.0	5534.7	498.0	-21.6	-44.5	268.2	35.4	35.4	1.1	307.0	307.5	0.1	10.5	18.2	113.
18.8	58.0	5638.9	491.0	-21.9	-44.7	265.5	38.1	38.0	3.0	308.0	308.5	0.1	10.5	19.0	112.
19.2	59.0	5759.8	483.0	-22.3	-45.0	263.8	40.7	40.5	4.4	308.9	309.4	0.1	10.5	19.8	111.
19.5	60.0	5866.9	476.0	-22.9	-45.5	262.9	42.5	42.2	5.3	309.4	309.9	0.1	10.6	20.5	110.
19.9	61.0	5991.1	468.0	-23.3	-45.8	262.0	44.3	43.8	6.1	310.4	310.9	0.1	10.6	21.5	108.
20.3	62.0	6101.3	461.0	-23.5	-45.8	261.8	46.0	45.5	6.6	311.6	312.0	0.1	10.6	22.4	107.
20.8	63.0	6213.2	454.0	-23.6	-45.9	262.0	48.8	48.3	6.8	312.8	313.2	0.1	10.6	23.7	106.
21.2	64.0	6343.0	446.0	-24.1	-46.3	262.1	51.6	51.1	7.1	313.7	314.1	0.1	10.7	24.8	105.
21.7	65.0	6458.4	439.0	-24.4	-46.3	261.5	55.3	54.7	8.2	314.8	315.2	0.1	10.7	26.3	103.
22.2	66.0	6592.3	431.0	-24.8	-46.3	260.4	58.7	57.9	9.8	315.9	316.4	0.1	10.8	27.9	102.
22.6	67.0	6711.3	424.0	-25.2	-47.1	259.7	60.7	59.8	10.9	316.9	317.4	0.1	10.8	29.3	101.
23.0	68.0	6832.0	417.0	-26.0	-47.7	259.1	61.7	60.5	11.7	317.4	317.8	0.1	10.9	30.6	100.
23.4	69.0	6954.5	410.0	-26.5	-48.1	258.5	60.3	59.1	12.0	318.2	318.7	0.1	10.9	32.2	99.
23.9	70.0	7078.6	403.0	-27.6	-48.8	258.0	58.6	57.3	12.2	318.4	318.8	0.1	11.0	33.7	98.
24.5	71.0	7222.7	395.0	-28.3	-49.4	258.0	60.1	58.8	12.5	319.2	319.6	0.1	11.1	35.5	97.
24.8	72.0	7350.7	388.0	-29.0	-49.9	257.8	61.9	60.5	13.1	320.0	320.4	0.1	11.2	36.7	96.
25.2	73.0	7461.9	382.0	-30.2	-50.3	257.2	63.1*	61.5	14.0	319.9	320.2	0.1	11.3	38.2	95.
25.6	74.0	7593.1	375.0	-31.5	-51.7	256.4	62.8*	61.0	14.8	319.8	320.1	0.1	11.4	39.7	95.
26.1	75.0	7707.1	369.0	-32.6	-51.0	256.1	62.1*	60.2	14.9	319.9	320.2	0.1	11.9	41.4	94.
26.5	76.0	7822.4	363.0	-33.4	-50.3	257.2	63.9*	62.3	14.2	320.3	320.7	0.1	16.2	42.7	93.
26.9	77.0	7939.3	357.0	-34.2	-48.1	258.8	68.4*	67.1	13.3	320.8	321.3	0.1	22.5	44.1	93.
27.3	78.0	8077.7	350.0	-34.8	-47.5	259.4	71.1*	69.9	13.1	321.7	322.3	0.1	25.8	46.0	92.
27.8	79.0	8198.2	344.0	-35.9	-48.2	258.9	72.1*	70.8	13.8	321.9	322.4	0.1	26.6	48.2	92.
28.2	80.0	8320.2	338.0	-36.8	-49.5	258.1	72.0*	70.5	14.9	322.2	322.7	0.1	25.1	49.7	91.
28.7	81.0	8485.8	330.0	-37.5	-50.7	257.0	70.7*	68.8	15.9	323.5	323.9	0.1	23.5	51.9	91.
29.3	82.0	8612.0	324.0	-39.2	-52.2	255.6	65.3*	63.2	16.2	322.8	323.1	0.1	23.6	54.5	90.
29.8	83.0	8718.4	319.0	-40.2	99.9	255.3	63.9*	61.8	16.2	323.0	999.9	99.9	999.9	56.0	89.
30.5	84.0	8847.6	313.0	-41.3	99.9	256.5	69.3*	67.4	16.2	323.2	999.9	99.9	999.9	58.5	89.
30.9	85.0	8978.8	307.0	-42.3	99.9	256.7	69.6*	67.7	16.0	323.7	999.9	99.9	999.9	60.9	88.
31.7	86.0	9134.3	300.0	-43.5	99.9	256.4	71.3*	69.3	16.8	324.0	999.9	99.9	999.9	63.4	88.
32.3	87.0	9269.9	294.0	-44.6	99.9	256.0	74.0*	71.8	17.9	324.3	999.9	99.9	999.9	66.3	87.
32.7	88.0	9384.4	289.0	-45.8	99.9	255.7	73.3*	71.0	18.0	324.3	999.9	99.9	999.9	68.0	87.
33.3	89.0	9523.7	283.0	-47.1	99.9	255.1	69.5*	67.1	17.9	324.4	999.9	99.9	999.9	70.7	87.
33.8	90.0	9665.3	277.0	-48.1	99.9	254.2	68.3*	65.8	18.6	324.9	999.9	99.9	999.9	72.6	86.
34.3	91.0	9785.0	272.0	-49.4	99.9	254.2	70.8*	68.2	19.3	324.7	999.9	99.9	999.9	74.5	86.
34.7	92.0	9906.3	267.0	-50.8	99.9	255.4	74.0*	71.6	18.7	324.4	999.9	99.9	999.9	76.2	86.
35.1	93.0	10053.9	261.0	-52.0	99.9	257.1	77.1*	75.1	17.3	324.7	999.9	99.9	999.9	78.1	85.
35.4	94.0	10178.8	256.0	-53.3	99.9	258.2	79.2*	77.5	16.2	324.7	999.9	99.9	999.9	79.5	85.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

7 FEBRUARY 1975  
545 GMT

157 13. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.9	95.0	10305.5	251.0	-54.5	99.9	258.8	80.7*	79.1	15.7	324.6	999.9	99.9	999.9	81.7	85.
36.6	96.0	10460.0	245.0	-55.8	99.9	257.7	67.0*	65.5	14.2	325.0	999.9	99.9	999.9	85.6	85.
37.1	97.0	10590.9	240.0	-57.0	99.9	257.1	54.0*	52.6	12.0	325.1	999.9	99.9	999.9	87.3	85.
37.7	98.0	10723.9	235.0	-58.0	99.9	258.3	60.5*	59.3	12.3	325.6	999.9	99.9	999.9	88.0	85.
38.2	99.0	10859.4	230.0	-58.2	99.9	258.2	71.7*	70.2	14.7	327.3	999.9	99.9	999.9	90.7	85.
38.7	100.0	10969.7	226.0	-58.7	99.9	256.8	75.2**	73.2	17.2	328.2	999.9	99.9	999.9	93.3	84.
39.3	101.0	11138.5	220.0	-59.4	99.9	255.3	82.1**	79.4	20.9	329.6	999.9	99.9	999.9	95.4	84.
39.9	102.0	11282.8	215.0	-58.2	99.9	254.6	88.6**	85.5	23.5	333.7	999.9	99.9	999.9	98.3	84.
40.5	103.0	11401.8	211.0	-55.7	99.9	254.2	69.1**	66.5	16.8	339.4	999.9	99.9	999.9	104.1	83.
41.0	104.0	11554.8	206.0	-54.9	99.9	256.0	55.6**	53.9	13.5	343.0	999.9	99.9	999.9	102.3	83.
41.5	105.0	11680.1	202.0	-55.3	99.9	258.2	62.8**	61.5	12.8	344.2	999.9	99.9	999.9	104.9	83.
42.1	106.0	11839.9	197.0	-55.7	99.9	258.0	49.5**	48.5	10.3	346.1	999.9	99.9	999.9	108.1	83.
42.8	107.0	11970.6	193.0	-55.5	99.9	257.1	24.8**	24.1	5.5	348.4	999.9	99.9	999.9	108.7	83.
43.4	108.0	12104.1	189.0	-55.7	99.9	260.4	44.4**	43.8	7.4	350.3	999.9	99.9	999.9	108.4	83.
44.0	109.0	12240.2	185.0	-56.2	99.9	262.1	60.4**	59.8	6.3	351.6	999.9	99.9	999.9	112.9	83.
44.6	110.0	12378.7	181.0	-57.3	99.9	264.3	56.3**	56.1	5.6	351.9	999.9	99.9	999.9	113.8	83.
45.3	111.0	12591.7	175.0	-57.7	99.9	264.1	71.6**	71.3	7.4	354.8	999.9	99.9	999.9	116.3	83.
45.8	112.0	12737.4	171.0	-58.3	99.9	262.9	74.3**	73.7	9.1	356.0	999.9	99.9	999.9	119.0	83.
46.4	113.0	12886.6	167.0	-57.7	99.9	261.2	60.2**	59.5	9.2	359.5	999.9	99.9	999.9	121.7	83.
47.0	114.0	13001.0	164.0	-57.5	99.9	260.2	45.2**	44.5	7.7	361.7	999.9	99.9	999.9	123.2	83.
47.6	115.0	13156.7	160.0	-58.5	99.9	261.5	51.7**	51.2	7.6	362.5	999.9	99.9	999.9	124.5	83.
48.5	116.0	13356.3	155.0	-58.5	99.9	261.1	74.8**	73.9	11.5	365.8	999.9	99.9	999.9	128.3	83.
49.1	117.0	13520.6	151.0	-58.7	99.9	260.5	49.4**	48.7	8.2	368.3	999.9	99.9	999.9	131.7	83.
49.8	118.0	13646.5	148.0	-59.2	99.9	261.9	34.1**	33.7	4.8	369.5	999.9	99.9	999.9	131.7	83.
50.5	119.0	13818.1	144.0	-59.4	99.9	262.7	83.6**	82.9	10.6	372.1	999.9	99.9	999.9	132.3	83.
51.0	120.0	13949.6	141.0	-60.6	99.9	262.2	109.9**	108.9	14.9	372.2	999.9	99.9	999.9	137.7	83.
51.7	121.0	14128.3	137.0	-61.7	99.9	260.2	56.4**	55.6	9.6	373.4	999.9	99.9	999.9	142.4	83.
52.4	122.0	14265.5	134.0	-61.5	99.9	225.1	4.3**	3.0	3.0	376.1	999.9	99.9	999.9	141.5	83.
53.0	123.0	14452.9	130.0	-62.6	99.9	254.0	20.5**	19.7	5.7	377.4	999.9	99.9	999.9	140.0	83.
53.7	124.0	14596.7	127.0	-63.2	99.9	256.5	41.9**	40.8	9.8	378.9	999.9	99.9	999.9	144.0	83.
54.4	125.0	14743.7	124.0	-63.2	99.9	258.1	61.8**	60.5	12.7	381.5	999.9	99.9	999.9	146.2	83.
55.3	126.0	14945.4	120.0	-63.2	99.9	260.1	87.5**	86.2	15.0	385.1	999.9	99.9	999.9	149.6	83.
55.9	127.0	15153.5	116.0	-63.9	99.9	258.7	61.9**	60.7	12.1	387.4	999.9	99.9	999.9	155.1	82.
56.6	128.0	15259.9	114.0	-64.5	99.9	257.2	39.2**	38.2	8.7	388.3	999.9	99.9	999.9	152.8	82.
57.4	129.0	15478.2	110.0	-64.5	99.9	262.2	25.3**	25.0	3.4	392.2	999.9	99.9	999.9	156.6	82.
58.1	130.0	15647.0	107.0	-64.9	99.9	266.6	17.5**	17.4	1.0	394.6	999.9	99.9	999.9	157.2	82.
58.9	131.0	15879.5	103.0	-64.7	99.9	268.6	24.8**	24.8	0.6	399.3	999.9	99.9	999.9	159.2	82.
59.7	132.0	16059.7	100.0	-65.5	99.9	274.5	22.0**	21.9	-1.7	401.2	999.9	99.9	999.9	158.9	82.
60.4	133.0	16244.8	97.0	-65.7	99.9	277.8	31.4**	31.1	-4.3	404.3	999.9	99.9	999.9	160.4	82.
61.2	134.0	16371.6	95.0	-65.1	99.9	268.8	47.2**	47.2	1.0	407.9	999.9	99.9	999.9	161.8	83.
61.9	135.0	16567.6	92.0	-64.1	99.9	261.1	51.4**	50.8	7.9	413.6	999.9	99.9	999.9	165.4	83.
62.8	136.0	16839.8	88.0	-64.1	99.9	261.7	42.2**	41.8	6.1	418.9	999.9	99.9	999.9	167.2	83.
63.7	137.0	17051.6	85.0	-65.1	99.9	262.4	53.2**	52.7	7.0	421.1	999.9	99.9	999.9	168.7	83.
64.5	138.0	17269.9	82.0	-66.5	99.9	259.9	65.9**	64.9	11.5	422.6	999.9	99.9	999.9	172.2	83.
65.4	139.0	17573.3	78.0	-65.5	99.9	251.2	32.4**	30.7	10.4	430.7	999.9	99.9	999.9	177.0	83.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

7 FEBRUARY 1975  
545 GMT

157 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.4	140.0	17811.4	75.0	-66.3	99.9	91.9	15.1**	-15.1	0.5	433.9	999.9	99.9	999.9	174.8	82.
67.2	141.0	18058.0	72.0	-67.5	99.9	255.5	27.9**	27.0	7.0	436.4	999.9	99.9	999.9	174.7	82.
68.3	142.0	18313.8	69.0	-68.4	99.9	258.7	42.5**	41.7	8.3	439.9	999.9	99.9	999.9	176.9	82.
69.4	143.0	18582.7	66.0	-64.9	99.9	256.2	43.7**	42.5	10.4	453.1	999.9	99.9	999.9	179.2	82.
70.6	144.0	18867.0	63.0	-64.1	99.9	251.1	26.1**	24.7	8.4	460.9	999.9	99.9	999.9	182.8	82.
71.7	145.0	19165.4	60.0	-64.5	99.9	254.8	29.0**	27.9	7.6	466.5	999.9	99.9	999.9	186.4	82.
72.8	146.0	19477.5	57.0	-66.3	99.9	269.7	17.5**	17.5	0.1	469.3	999.9	99.9	999.9	186.8	82.
73.9	147.0	19806.5	54.0	-64.5	99.9	264.2	18.6**	18.5	1.9	480.8	999.9	99.9	999.9	188.4	82.
75.2	148.0	20157.9	51.0	-62.1	99.9	277.1	9.7**	9.6	-1.2	494.4	999.9	99.9	999.9	190.3	82.
76.5	149.0	20531.6	48.0	-63.4	99.9	111.2	2.8**	-2.7	1.0	500.0	999.9	99.9	999.9	186.3	82.
77.8	150.0	20928.7	45.0	-62.8	99.9	257.7	31.3**	30.6	6.7	510.7	999.9	99.9	999.9	191.1	82.
79.1	151.0	21351.9	42.0	-64.7	99.9	262.1	7.2**	7.2	1.0	516.1	999.9	99.9	999.9	192.2	82.
80.7	152.0	21804.1	39.0	-64.9	99.9	262.1	20.2**	20.0	2.8	526.7	999.9	99.9	999.9	196.4	82.
82.3	153.0	22292.4	36.0	-64.9	99.9	257.1	33.2**	32.3	7.4	538.9	999.9	99.9	999.9	194.8	82.
83.9	154.0	22824.4	33.0	-63.9	99.9	245.3	2.2**	2.0	0.9	555.0	999.9	99.9	999.9	197.3	82.
85.7	155.0	23411.8	30.0	-61.5	99.9	258.3	25.2**	24.7	5.1	577.0	999.9	99.9	999.9	199.5	82.
87.6	156.0	23839.9	28.0	-61.1	99.9	264.3	30.5**	30.4	3.0	589.5	999.9	99.9	999.9	201.9	82.
89.7	157.0	24790.9	24.0	-63.9	99.9	259.7	25.4**	25.0	4.5	607.9	999.9	99.9	999.9	208.0	82.
92.3	158.0	25323.4	22.0	-64.5	99.9	263.5	40.1**	39.8	4.5	621.5	999.9	99.9	999.9	209.5	82.
95.0	159.0	26226.1	19.0	-61.3	99.9	262.1	37.5**	37.2	5.2	658.1	999.9	99.9	999.9	216.0	82.
98.2	160.0	27299.1	16.0	-58.7	99.9	243.5	21.2**	19.0	9.5	699.9	999.9	99.9	999.9	222.6	82.
102.1	161.0	28607.7	13.0	-57.3	99.9	999.9	99.9	99.9	99.9	747.4	999.9	99.9	999.9	999.9	999.

STATION NO. 226  
CENTERVILLE, ALA

7 FEBRUARY 1975  
1115 GMT

154 12. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	140.0	1005.8	-1.6	-6.3	310.0	5.1	3.9	-3.3	271.4	277.5	2.4	70.0	0.0	0.
0.3	7.0	249.6	992.0	-3.5	-6.5	86.1	4.1	-4.1	-0.3	270.5	276.6	2.4	79.7	0.6	141.
0.7	8.0	337.7	981.0	-4.5	-6.3	53.6	3.0	-2.4	-1.8	270.5	276.7	2.4	87.0	0.5	146.
1.0	9.0	434.5	969.0	-5.4	-6.4	358.6	4.0	0.1	-4.0	270.5	276.8	2.4	92.1	0.5	153.
1.3	10.0	524.0	958.0	-6.6	-7.2	337.4	6.4	2.4	-5.9	270.2	276.2	2.3	95.4	0.7	152.
1.7	11.0	647.2	943.0	-7.3	-7.3	331.7	8.1	3.8	-7.1	270.6	276.7	2.3	103.9	0.9	152.
2.1	12.0	738.6	932.0	-8.0	-8.0	334.5	8.0	3.5	-7.2	270.8	276.6	2.2	103.8	1.1	152.
2.4	13.0	830.8	921.0	-8.8	-8.8	337.1	8.3	3.2	-7.6	270.9	276.5	2.1	103.7	1.2	152.
2.8	14.0	923.8	910.0	-9.8	-9.8	335.3	8.3	3.5	-7.6	270.8	276.0	2.0	103.5	1.4	153.
3.1	15.0	1017.6	899.0	-10.7	-10.7	332.3	8.6	4.0	-7.6	270.8	275.8	1.9	103.4	1.6	154.
3.6	16.0	1129.6	886.0	-11.1	-11.1	326.7	9.9	5.4	-8.3	271.5	276.4	1.8	103.4	1.8	153.
3.9	17.0	1235.0	874.0	-8.2	-10.0	323.1	10.5	6.3	-8.4	275.6	281.0	2.0	86.7	2.0	152.
4.2	18.0	1333.5	863.0	-7.5	-12.9	319.0	10.8	7.1	-8.2	277.3	281.8	1.6	64.9	2.2	151.
4.7	19.0	1433.6	852.0	-6.6	-13.3	311.8	11.6	8.6	-7.7	279.3	283.7	1.6	58.6	2.5	149.
5.0	20.0	1535.3	841.0	-5.7	-14.2	308.0	12.3	9.7	-7.6	281.3	285.4	1.5	50.8	2.7	148.
5.4	21.0	1657.7	828.0	-4.6	-20.5	301.7	12.9	11.0	-6.8	283.5	286.1	0.9	27.5	3.0	145.
5.8	22.0	1763.1	817.0	-3.8	-21.7	300.2	14.0	12.1	-7.0	285.4	287.8	0.8	23.4	3.3	143.
6.1	23.0	1870.0	806.0	-4.3	-22.1	300.1	14.6	12.7	-7.3	286.0	288.4	0.8	23.4	3.5	141.
6.4	24.0	1978.3	795.0	-4.5	-22.0	299.7	15.0	13.1	-7.4	287.0	289.4	0.8	23.8	3.8	140.
6.8	25.0	2077.8	785.0	-5.2	-23.3	299.2	15.5	13.6	-7.6	287.2	289.4	0.7	22.6	4.1	138.
7.2	26.0	2208.8	772.0	-5.8	-24.4	298.9	16.1	14.1	-7.8	287.9	290.0	0.7	21.3	4.5	136.
7.5	27.0	2310.8	762.0	-6.3	-25.8	298.7	16.6	14.5	-7.9	288.5	290.4	0.6	19.5	4.8	135.
7.9	28.0	2424.4	751.0	-6.9	-26.2	298.5	17.2	15.1	-8.2	289.1	290.9	0.6	19.5	5.2	134.
8.2	29.0	2528.9	741.0	-7.5	-26.7	298.5	17.6	15.5	-8.4	289.5	291.3	0.6	19.6	5.5	133.
8.5	30.0	2634.6	731.0	-7.7	-26.9	298.6	18.1	15.9	-8.7	290.3	292.1	0.6	19.6	5.8	132.
9.0	31.0	2741.6	721.0	-8.2	-27.3	299.5	19.1	16.7	-9.4	291.0	292.7	0.6	19.6	6.3	131.
9.3	32.0	2850.1	711.0	-8.0	-27.2	300.0	19.8	17.2	-9.9	292.3	294.1	0.6	19.6	6.7	131.
9.7	33.0	2960.0	701.0	-8.6	-27.6	300.1	20.6	17.8	-10.3	292.9	294.6	0.6	19.7	7.2	130.
10.1	34.0	3060.0	692.0	-9.4	-28.2	299.3	21.2	18.5	-10.4	293.1	294.8	0.5	19.7	7.6	129.
10.4	35.0	3161.1	683.0	-9.5	-28.3	297.8	21.4	19.0	-10.0	294.1	295.7	0.5	19.7	8.0	129.
10.9	36.0	3309.6	670.0	-9.5	-28.3	294.0	22.0	20.1	-8.9	295.7	297.4	0.5	19.7	8.7	128.
11.3	37.0	3414.0	661.0	-9.9	-28.7	291.0	22.2	20.7	-7.9	296.3	298.0	0.5	19.8	9.2	127.
11.7	38.0	3519.8	652.0	-9.8	-28.6	288.9	22.0	20.8	-7.1	297.7	299.4	0.5	19.8	9.7	126.
12.1	39.0	3626.9	643.0	-10.4	-29.0	289.0	21.5	20.5	-6.6	298.2	299.9	0.5	19.8	10.2	125.
12.5	40.0	3735.3	634.0	-10.9	-29.5	288.3	21.1	20.0	-6.6	298.8	300.4	0.5	19.8	10.7	124.
13.0	41.0	3882.1	622.0	-11.1	-29.6	289.3	21.9	20.6	-7.2	300.2	301.9	0.5	19.8	11.3	123.
13.4	42.0	3993.9	613.0	-11.4	-29.9	289.9	23.5	22.0	-8.0	301.1	302.8	0.5	19.9	11.8	123.
13.8	43.0	4107.2	604.0	-12.1	-30.4	290.0	25.2	23.7	-8.6	301.6	303.2	0.5	19.9	12.3	122.
14.2	44.0	4221.8	595.0	-13.3	-31.5	289.5	26.5	25.0	-8.8	301.4	302.9	0.5	20.0	13.0	122.
14.5	45.0	4324.6	587.0	-14.3	-32.2	288.8	27.1	25.6	-8.8	301.4	302.8	0.4	20.1	13.5	121.
14.9	46.0	4441.6	578.0	-15.2	-32.9	287.4	26.6	25.4	-8.0	301.8	303.1	0.4	20.1	14.2	121.
15.4	47.0	4560.1	569.0	-16.0	-33.6	286.0	26.1	25.1	-7.2	302.2	303.5	0.4	20.2	14.9	120.
15.8	48.0	4666.6	561.0	-16.8	-34.3	285.6	26.6	25.6	-7.2	302.4	303.7	0.4	20.2	15.5	119.
16.3	49.0	4787.7	552.0	-18.0	-35.3	285.4	28.0	27.0	-7.4	302.4	303.5	0.3	20.3	16.2	119.
16.7	50.0	4896.6	544.0	-19.0	-36.0	284.5	29.2	28.3	-7.3	302.5	303.6	0.3	20.4	16.9	118.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

7 FEBRUARY 1975

1115 GMT

154 12. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.2	51.0	5048.7	533.0	-19.3	-36.3	282.5	30.1	29.3	-6.6	304.0	305.0	0.3	20.4	17.8	117.
17.6	52.0	5175.3	524.0	-19.4	-36.4	281.3	30.3	29.7	-6.0	305.3	306.3	0.3	20.4	18.5	117.
18.0	53.0	5289.4	516.0	-20.5	-37.2	280.9	30.4	29.9	-5.8	305.3	306.3	0.3	20.5	19.2	116.
18.5	54.0	5404.8	508.0	-21.7	-38.2	281.0	30.9	30.3	-5.9	305.2	306.1	0.3	20.6	20.1	115.
18.9	55.0	5521.5	500.0	-22.6	-39.0	280.0	31.2	30.7	-5.4	305.5	306.3	0.3	20.6	20.9	115.
19.4	56.0	5654.6	491.0	-23.4	-39.7	278.0	31.6	31.3	-4.4	306.1	306.9	0.2	20.7	21.7	114.
19.8	57.0	5774.6	483.0	-24.3	-40.4	276.0	32.1	31.9	-3.3	306.4	307.1	0.2	20.8	22.4	114.
20.2	58.0	5896.1	475.0	-25.4	-41.3	274.1	32.5	32.4	-2.3	306.5	307.2	0.2	20.8	23.2	113.
20.7	59.0	6019.0	467.0	-26.7	-42.4	272.3	32.7	32.7	-1.3	306.4	307.0	0.2	20.9	24.1	112.
21.3	60.0	6143.5	459.0	-27.8	-43.3	271.3	33.1	33.1	-0.8	306.5	307.2	0.2	21.0	25.2	111.
21.8	61.0	6269.7	451.0	-28.6	-43.9	271.4	34.1	34.1	-0.9	307.1	307.7	0.2	21.1	26.2	111.
22.2	62.0	6397.7	443.0	-29.4	-44.6	271.8	35.2	35.2	-1.1	307.7	308.2	0.2	21.1	27.0	110.
22.7	63.0	6511.3	436.0	-30.0	-45.1	272.7	36.4	36.3	-1.7	308.2	308.8	0.2	21.2	28.0	109.
23.1	64.0	6642.9	428.0	-30.9	-45.9	273.6	37.0	37.0	-2.3	308.7	309.2	0.1	21.2	28.8	109.
23.7	65.0	6759.7	421.0	-31.9	-46.7	274.5	37.6	37.5	-3.0	309.0	309.4	0.1	21.3	30.1	108.
24.4	66.0	6912.2	412.0	-32.5	-47.2	274.3	37.8	37.7	-2.8	310.0	310.5	0.1	21.3	31.7	108.
25.1	67.0	7032.8	405.0	-33.3	-47.9	272.8	38.8	38.8	-1.9	310.5	310.9	0.1	21.4	33.2	107.
25.7	68.0	7155.1	398.0	-33.9	-48.3	271.4	41.6	41.6	-1.0	311.4	311.8	0.1	21.4	34.6	106.
26.1	69.0	7279.3	391.0	-34.5	-48.9	270.4	43.7	43.7	-0.3	312.1	312.5	0.1	21.5	35.6	106.
26.6	70.0	7405.4	384.0	-35.2	-49.4	268.8	45.4	45.4	0.9	312.8	313.2	0.1	21.5	36.9	105.
27.2	71.0	7570.4	375.0	-36.1	-50.2	267.1	46.8	46.7	2.4	313.7	314.1	0.1	21.6	38.5	105.
27.8	72.0	7682.3	369.0	-36.4	-50.4	266.9	50.7*	50.6	2.8	314.8	315.2	0.1	21.6	40.0	104.
28.5	73.0	7815.2	362.0	-36.1	-50.2	267.8	58.0*	57.9	2.2	316.9	317.3	0.1	21.6	42.2	103.
29.1	74.0	7950.5	355.0	-37.1	-51.0	267.4	60.5*	60.4	2.8	317.4	317.7	0.1	21.6	44.5	102.
29.8	75.0	8088.0	348.0	-37.9	-51.7	265.9	59.3*	59.1	4.2	318.1	318.4	0.1	21.7	46.9	101.
30.4	76.0	8207.8	342.0	-38.4	-52.1	264.7	57.2*	56.9	5.3	318.9	319.3	0.1	21.7	48.9	101.
31.0	77.0	8329.2	336.0	-39.2	99.9	263.5	54.9*	54.5	6.2	319.5	999.9	99.9	999.9	50.9	100.
31.7	78.0	8473.1	329.0	-40.5	99.9	262.1	54.4*	53.9	7.4	319.8	999.9	99.9	999.9	53.0	99.
32.3	79.0	8594.3	323.0	-41.4	99.9	261.5	55.9*	55.3	8.3	320.1	999.9	99.9	999.9	54.9	99.
32.9	80.0	8725.2	317.0	-42.5	99.9	262.2	58.2*	57.6	7.9	320.3	999.9	99.9	999.9	56.8	98.
33.6	81.0	8875.7	310.0	-43.7	99.9	263.6	61.0*	60.7	6.8	320.8	999.9	99.9	999.9	59.2	97.
34.2	82.0	9028.9	303.0	-44.7	99.9	263.1	61.0*	60.5	7.3	321.5	999.9	99.9	999.9	61.5	97.
34.9	83.0	9162.4	297.0	-45.8	99.9	259.5	53.3*	52.4	9.7	321.7	999.9	99.9	999.9	64.1	96.
35.2	84.0	9275.3	292.0	-46.4	99.9	257.7	50.1*	48.9	10.7	322.5	999.9	99.9	999.9	64.9	96.
35.7	85.0	9412.8	286.0	-47.7	99.9	257.0	49.3*	48.0	11.1	322.5	999.9	99.9	999.9	65.9	96.
36.4	86.0	9575.9	279.0	-49.2	99.9	261.0	58.3*	57.6	9.1	322.7	999.9	99.9	999.9	68.0	95.
37.1	87.0	9718.3	273.0	-50.1	99.9	263.4	61.0*	60.6	7.0	323.4	999.9	99.9	999.9	70.8	95.
37.8	88.0	9863.4	267.0	-50.4	99.9	264.3	58.9*	58.6	5.9	325.0	999.9	99.9	999.9	73.1	94.
38.4	89.0	9986.9	262.0	-49.8	99.9	264.5	60.4*	60.2	5.8	327.7	999.9	99.9	999.9	75.2	94.
39.0	90.0	10138.2	256.0	-50.7	99.9	263.3	62.7*	62.3	7.3	328.5	999.9	99.9	999.9	77.4	94.
39.6	91.0	10266.5	251.0	-51.3	99.9	261.4	63.6*	62.9	9.5	329.4	999.9	99.9	999.9	79.7	93.
40.2	92.0	10397.5	246.0	-50.7	99.9	260.3	63.1*	62.2	10.6	332.3	999.9	99.9	999.9	81.9	93.
40.9	93.0	10531.4	241.0	-50.2	99.9	259.4	58.7*	57.7	10.8	334.9	999.9	99.9	999.9	84.6	93.
41.6	94.0	10696.0	235.0	-50.2	99.9	259.8	54.0*	53.2	9.6	337.3	999.9	99.9	999.9	86.7	92.
42.2	95.0	10808.1	231.0	-50.2	99.9	262.1	57.3*	56.7	7.9	339.0	999.9	99.9	999.9	88.5	92.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226  
CENTERVILLE, ALA

7 FEBRUARY 1975  
1115 GMT

154 12. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
42.8	96.0	11008.4	224.0	-51.6	99.9	263.5	64.6*	64.2	7.4	339.9	999.9	99.9	999.9	90.6	92.
43.3	97.0	11154.5	219.0	-52.8	99.9	262.9	65.8*	65.3	8.1	340.1	999.9	99.9	999.9	92.8	92.
44.0	98.0	11303.5	214.0	-53.0	99.9	258.9	51.3*	50.3	9.8	342.2	999.9	99.9	999.9	95.9	91.
44.6	99.0	11425.0	210.0	-53.8	99.9	999.9	99.9	99.9	99.9	342.8	999.9	99.9	999.9	999.9	999.
45.1	100.0	11579.8	205.0	-53.6	99.9	999.9	99.9	99.9	99.9	345.4	999.9	99.9	999.9	999.9	999.
45.9	101.0	11771.3	199.0	-52.7	99.9	999.9	99.9	99.9	99.9	349.8	999.9	99.9	999.9	999.9	999.
46.7	102.0	11902.4	195.0	-52.7	99.9	999.9	99.9	99.9	99.9	351.9	999.9	99.9	999.9	999.9	999.
47.4	103.0	12069.9	190.0	-53.3	99.9	999.9	99.9	99.9	99.9	353.5	999.9	99.9	999.9	999.9	999.
47.9	104.0	12206.9	186.0	-53.3	99.9	999.9	99.9	99.9	99.9	355.6	999.9	99.9	999.9	999.9	999.
48.6	105.0	12346.6	182.0	-54.1	99.9	999.9	99.9	99.9	99.9	356.6	999.9	99.9	999.9	999.9	999.
49.2	106.0	12525.0	177.0	-54.9	99.9	999.9	99.9	99.9	99.9	358.1	999.9	99.9	999.9	999.9	999.
49.9	107.0	12707.8	172.0	-55.9	99.9	999.9	99.9	99.9	99.9	359.4	999.9	99.9	999.9	999.9	999.
50.6	108.0	12857.3	168.0	-56.6	99.9	999.9	99.9	99.9	99.9	360.7	999.9	99.9	999.9	999.9	999.
51.3	109.0	13009.9	164.0	-57.2	99.9	999.9	99.9	99.9	99.9	362.1	999.9	99.9	999.9	999.9	999.
52.0	110.0	13165.8	160.0	-57.9	99.9	999.9	99.9	99.9	99.9	363.5	999.9	99.9	999.9	999.9	999.
52.9	111.0	13365.7	155.0	-58.6	99.9	999.9	99.9	99.9	99.9	365.7	999.9	99.9	999.9	999.9	999.
53.8	112.0	13530.3	151.0	-57.8	99.9	999.9	99.9	99.9	99.9	369.9	999.9	99.9	999.9	999.9	999.
54.5	113.0	13699.6	147.0	-57.9	99.9	999.9	99.9	99.9	99.9	372.4	999.9	99.9	999.9	999.9	999.
55.0	114.0	13873.2	143.0	-58.8	99.9	999.9	99.9	99.9	99.9	373.9	999.9	99.9	999.9	999.9	999.
55.7	115.0	14005.8	140.0	-60.5	99.9	999.9	99.9	99.9	99.9	373.1	999.9	99.9	999.9	999.9	999.
56.6	116.0	14231.5	135.0	-62.0	99.9	999.9	99.9	99.9	99.9	374.4	999.9	99.9	999.9	999.9	999.
57.1	117.0	14370.3	132.0	-62.4	99.9	999.9	99.9	99.9	99.9	376.1	999.9	99.9	999.9	999.9	999.
57.9	118.0	14560.1	128.0	-62.8	99.9	999.9	99.9	99.9	99.9	378.8	999.9	99.9	999.9	999.9	999.
58.7	119.0	14706.0	125.0	-63.7	99.9	999.9	99.9	99.9	99.9	379.6	999.9	99.9	999.9	999.9	999.
59.5	120.0	14905.0	121.0	-64.7	99.9	999.9	99.9	99.9	99.9	381.4	999.9	99.9	999.9	999.9	999.
60.1	121.0	15058.3	118.0	-64.7	99.9	999.9	99.9	99.9	99.9	384.2	999.9	99.9	999.9	999.9	999.
60.7	122.0	15215.2	115.0	-65.7	99.9	999.9	99.9	99.9	99.9	385.2	999.9	99.9	999.9	999.9	999.
61.3	123.0	15375.6	112.0	-66.3	99.9	999.9	99.9	99.9	99.9	386.9	999.9	99.9	999.9	999.9	999.
62.1	124.0	15540.0	109.0	-66.7	99.9	999.9	99.9	99.9	99.9	389.2	999.9	99.9	999.9	999.9	999.
62.9	125.0	15708.9	106.0	-66.3	99.9	999.9	99.9	99.9	99.9	393.1	999.9	99.9	999.9	999.9	999.
63.9	126.0	15942.0	102.0	-66.3	99.9	999.9	99.9	99.9	99.9	397.4	999.9	99.9	999.9	999.9	999.
64.8	127.0	16122.5	99.0	-67.3	99.9	999.9	99.9	99.9	99.9	398.8	999.9	99.9	999.9	999.9	999.
65.7	128.0	16308.4	96.0	-66.5	99.9	999.9	99.9	99.9	99.9	404.0	999.9	99.9	999.9	999.9	999.
66.5	129.0	16500.5	93.0	-66.7	99.9	999.9	99.9	99.9	99.9	407.3	999.9	99.9	999.9	999.9	999.
67.3	130.0	16658.8	90.0	-66.7	99.9	999.9	99.9	99.9	99.9	411.1	999.9	99.9	999.9	999.9	999.
68.3	131.0	16903.8	87.0	-66.7	99.9	999.9	99.9	99.9	99.9	415.1	999.9	99.9	999.9	999.9	999.
69.3	132.0	17116.4	84.0	-65.9	99.9	999.9	99.9	99.9	99.9	420.9	999.9	99.9	999.9	999.9	999.
70.1	133.0	17337.1	81.0	-66.1	99.9	999.9	99.9	99.9	99.9	424.9	999.9	99.9	999.9	999.9	999.
71.0	134.0	17488.9	79.0	-65.7	99.9	999.9	99.9	99.9	99.9	428.8	999.9	99.9	999.9	999.9	999.
71.9	135.0	17724.0	76.0	-66.1	99.9	999.9	99.9	99.9	99.9	432.7	999.9	99.9	999.9	999.9	999.
72.8	136.0	17968.0	73.0	-66.5	99.9	999.9	99.9	99.9	99.9	436.9	999.9	99.9	999.9	999.9	999.
73.9	137.0	18222.3	70.0	-66.1	99.9	999.9	99.9	99.9	99.9	443.0	999.9	99.9	999.9	999.9	999.
75.0	138.0	18487.9	67.0	-66.3	99.9	999.9	99.9	99.9	99.9	448.2	999.9	99.9	999.9	999.9	999.
76.1	139.0	18765.7	64.0	-65.9	99.9	999.9	99.9	99.9	99.9	455.0	999.9	99.9	999.9	999.9	999.
77.2	140.0	18959.0	62.0	-64.9	99.9	999.9	99.9	99.9	99.9	461.4	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 226  
CENTERVILLE, ALA

7 FEBRUARY 1975  
1115 GMT

154 12. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
78.3	141.0	19263.1	59.0	-62.8	99.9	999.9	99.9	99.9	99.9	472.7	999.9	99.9	999.9	999.9	999.
79.7	142.0	19585.1	56.0	-62.2	99.9	999.9	99.9	99.9	99.9	481.1	999.9	99.9	999.9	999.9	999.
80.8	143.0	19925.4	53.0	-62.2	99.9	999.9	99.9	99.9	99.9	488.7	999.9	99.9	999.9	999.9	999.
82.2	144.0	20162.4	51.0	-63.3	99.9	999.9	99.9	99.9	99.9	491.5	999.9	99.9	999.9	999.9	999.
83.5	145.0	20535.0	48.0	-63.3	99.9	999.9	99.9	99.9	99.9	500.1	999.9	99.9	999.9	999.9	999.
84.9	146.0	20932.1	45.0	-62.9	99.9	999.9	99.9	99.9	99.9	510.3	999.9	99.9	999.9	999.9	999.
86.1	147.0	21211.7	43.0	-63.3	99.9	999.9	99.9	99.9	99.9	516.1	999.9	99.9	999.9	999.9	999.
87.6	148.0	21656.2	40.0	-63.3	99.9	999.9	99.9	99.9	99.9	526.9	999.9	99.9	999.9	999.9	999.
89.0	149.0	22137.5	37.0	-61.5	99.9	999.9	99.9	99.9	99.9	543.5	999.9	99.9	999.9	999.9	999.
90.4	150.0	22482.4	35.0	-61.1	99.9	999.9	99.9	99.9	99.9	553.2	999.9	99.9	999.9	999.9	999.
92.0	151.0	23037.1	32.0	-62.6	99.9	999.9	99.9	99.9	99.9	563.6	999.9	99.9	999.9	999.9	999.
93.6	152.0	23435.2	30.0	-62.6	99.9	999.9	99.9	99.9	99.9	574.1	999.9	99.9	999.9	999.9	999.
95.1	153.0	24085.7	27.0	-62.2	99.9	999.9	99.9	99.9	99.9	592.7	999.9	99.9	999.9	999.9	999.
97.1	154.0	24561.5	25.0	-62.0	99.9	999.9	99.9	99.9	99.9	606.4	999.9	99.9	999.9	999.9	999.
99.0	155.0	25360.7	22.0	-57.4	99.9	999.9	99.9	99.9	99.9	642.7	999.9	99.9	999.9	999.9	999.
101.1	156.0	25962.5	20.0	-57.8	99.9	999.9	99.9	99.9	99.9	659.4	999.9	99.9	999.9	999.9	999.
103.7	157.0	26988.7	17.0	-57.4	99.9	999.9	99.9	99.9	99.9	691.9	999.9	99.9	999.9	999.9	999.
106.7	158.0	28218.6	14.0	-56.4	99.9	999.9	99.9	99.9	99.9	734.8	999.9	99.9	999.9	999.9	999.
110.2	159.0	29203.5	12.0	-53.6	99.9	999.9	99.9	99.9	99.9	777.7	999.9	99.9	999.9	999.9	999.

STATION NO. 232  
BOOTHVILLE, LA

5 FEBRUARY 1975  
2315 GMT

67 395. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	1.0	1014.5	21.1	17.2	170.0	3.1	-0.5	3.1	294.7	326.9	12.4	79.0	0.0	0.
0.3	6.0	82.4	1005.0	19.4	15.5	345.1	2.9	0.7	-2.8	293.6	322.5	11.1	77.9	0.2	4.
0.7	7.0	177.2	994.0	18.2	14.9	331.7	2.0	1.0	-1.8	293.3	321.4	10.8	81.4	0.2	8.
1.0	8.0	290.1	981.0	17.3	15.4	285.0	1.4	1.3	-0.4	293.6	322.9	11.3	88.2	0.1	17.
1.3	9.0	369.0	972.0	16.9	15.1	245.6	2.0	1.9	0.8	293.9	323.2	11.2	89.2	0.2	25.
1.6	10.0	466.1	961.0	15.9	14.2	240.0	2.8	2.4	1.4	293.8	321.7	10.7	89.7	0.2	31.
2.1	11.0	582.2	948.0	15.7	14.1	271.0	3.1	3.1	-0.1	294.7	322.9	10.7	90.0	0.3	43.
2.4	12.0	681.4	937.0	14.9	13.1	289.3	3.4	3.2	-1.1	294.8	321.5	10.2	88.7	0.3	53.
2.8	13.0	781.5	926.0	14.3	12.0	286.5	4.3	4.1	-1.2	295.1	320.4	9.6	85.9	0.4	66.
3.1	14.0	882.7	915.0	14.1	11.6	279.5	5.3	5.2	-0.9	295.9	321.0	9.5	85.0	0.4	73.
3.5	15.0	984.8	904.0	13.0	10.4	271.4	7.3	7.3	-0.2	295.7	319.1	8.8	84.4	0.6	77.
4.0	16.0	1106.7	891.0	12.2	9.6	277.0	8.1	8.1	-1.0	296.0	318.6	8.5	83.9	0.8	82.
4.4	17.0	1210.9	880.0	11.6	8.7	281.0	8.9	8.7	-1.7	296.4	318.1	8.1	82.4	1.0	86.
4.8	18.0	1306.7	870.0	11.4	8.5	276.8	9.4	9.4	-1.1	297.2	318.9	8.1	82.4	1.2	89.
5.1	19.0	1413.1	859.0	10.7	7.7	271.0	9.9	9.9	-0.2	297.5	318.2	7.7	81.5	1.4	90.
5.5	20.0	1510.9	849.0	10.5	6.1	261.9	10.8	10.6	1.5	298.2	317.2	7.0	74.2	1.6	89.
5.9	21.0	1639.4	836.0	10.0	2.3	258.9	11.9	11.7	2.3	298.7	313.7	5.4	58.8	1.9	88.
6.4	22.0	1739.4	826.0	9.4	3.2	255.3	14.1	13.6	3.6	299.2	315.4	5.9	65.2	2.3	86.
6.7	23.0	1840.4	816.0	8.5	0.2	255.1	15.9	15.4	4.1	299.1	312.4	4.8	55.7	2.5	85.
7.1	24.0	1952.6	805.0	8.5	-10.2	255.5	18.1	17.6	4.5	300.0	306.4	2.2	25.4	2.9	83.
7.4	25.0	2055.8	795.0	8.3	-12.4	255.5	18.8	18.2	4.7	300.8	306.3	1.8	21.4	3.3	83.
7.9	26.0	2181.4	783.0	8.3	-16.2	255.5	19.1	18.5	4.8	302.0	306.2	1.4	15.6	3.9	81.
8.2	27.0	2287.3	773.0	7.8	-23.4	255.6	18.7	18.1	4.6	302.5	304.9	0.7	8.7	4.3	81.
8.6	28.0	2394.3	763.0	6.9	-30.3	256.0	17.8	17.3	4.3	302.6	303.9	0.4	4.9	4.7	80.
8.9	29.0	2491.6	754.0	6.6	-36.9	256.6	17.0	16.6	3.9	303.2	304.0	0.2	2.6	5.0	80.
9.3	30.0	2600.9	744.0	6.0	-39.5	258.2	16.1	15.7	3.3	303.8	304.4	0.2	2.1	5.4	80.
9.6	31.0	2711.4	734.0	5.2	-37.3	259.9	15.5	15.3	2.7	304.1	304.8	0.2	2.8	5.7	80.
10.1	32.0	2823.1	724.0	4.3	-37.5	263.6	15.3	15.2	1.7	304.3	305.0	0.2	2.9	6.1	80.
10.4	33.0	2924.6	715.0	3.8	-37.7	265.7	15.6	15.5	1.2	304.9	305.6	0.2	2.9	6.4	80.
10.8	34.0	3027.3	706.0	3.3	-39.9	267.6	16.2	16.2	0.7	305.4	306.0	0.2	2.4	6.8	81.
11.2	35.0	3142.7	696.0	2.6	-40.0	268.7	16.9	16.9	0.4	305.9	306.5	0.2	2.5	7.2	81.
11.6	36.0	3271.2	685.0	1.5	-40.3	269.4	17.7	17.7	0.2	306.0	306.6	0.2	2.6	7.6	81.
12.1	37.0	3389.3	675.0	0.7	-31.6	269.7	19.0	19.0	0.1	306.4	307.8	0.4	6.7	8.1	82.
12.5	38.0	3484.9	667.0	0.2	-33.7	269.5	20.4	20.4	0.2	306.9	308.0	0.3	5.7	8.5	82.
12.8	39.0	3593.5	658.0	-0.6	-31.5	269.0	21.1	21.1	0.4	307.2	308.6	0.4	7.4	8.9	83.
13.3	40.0	3715.6	648.0	-1.4	-27.7	267.9	22.1	22.0	0.8	307.7	309.7	0.6	11.3	9.6	83.
13.7	41.0	3851.8	637.0	-2.0	-27.6	266.6	22.4	22.4	1.3	308.5	310.5	0.6	11.9	10.1	83.
14.2	42.0	3952.0	629.0	-3.0	-27.8	264.3	22.5	22.4	2.2	308.6	310.6	0.6	12.5	10.8	84.
14.5	43.0	4065.9	620.0	-4.0	-22.2	262.6	22.5	22.4	2.9	308.6	311.9	1.0	22.6	11.3	84.
15.0	44.0	4181.1	611.0	-4.6	-29.0	259.1	22.7	22.3	4.3	309.2	311.0	0.6	12.7	11.9	84.
15.4	45.0	4284.6	603.0	-5.4	-25.5	257.4	22.8	22.2	5.0	309.5	312.1	0.8	18.7	12.4	83.
15.8	46.0	4402.4	594.0	-6.3	-23.9	257.2	22.7	22.1	5.0	309.8	312.8	0.9	23.2	13.0	83.
16.3	47.0	4508.4	586.0	-6.7	-24.4	258.3	22.3	21.9	4.5	310.5	313.4	0.9	22.8	13.7	83.
16.7	48.0	4629.0	577.0	-7.6	-25.4	259.4	22.2	21.9	4.1	310.8	313.5	0.8	22.4	14.2	82.
17.1	49.0	4737.6	569.0	-7.9	-26.1	260.1	22.4	22.1	3.9	311.7	314.3	0.8	21.6	14.7	82.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

5 FEBRUARY 1975  
2315 GMT

67 395. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.5	50.0	4847.5	561.0	-8.7	-28.1	260.3	22.8	22.5	3.8	312.1	314.3	0.7	19.0	15.2	82.
18.0	51.0	5000.8	550.0	-9.4	-30.0	260.3	23.3	23.0	3.9	313.0	314.9	0.6	16.7	16.0	82.
18.4	52.0	5113.8	542.0	-10.1	-30.3	259.5	23.8	23.4	4.3	313.4	315.3	0.6	17.2	16.5	82.
18.8	53.0	5228.4	534.0	-10.4	-32.4	258.0	24.5	24.0	5.1	314.4	316.0	0.5	14.3	17.1	82.
19.3	54.0	5344.5	526.0	-10.8	-32.8	255.6	25.9	25.1	6.4	315.2	316.8	0.5	14.4	17.8	82.
19.6	55.0	5462.0	518.0	-12.0	-34.0	254.2	26.7	25.7	7.3	315.3	316.7	0.4	14.0	18.3	82.
20.1	56.0	5610.9	508.0	-13.0	-35.5	252.2	27.8	26.5	8.5	315.8	317.1	0.4	13.1	19.1	81.
20.4	57.0	5731.8	500.0	-13.7	-36.8	250.8	28.2	26.6	9.3	316.4	317.5	0.3	12.1	19.6	81.
20.8	58.0	5838.7	493.0	-14.8	-37.6	248.5	28.5	26.5	10.4	316.3	317.4	0.3	12.2	20.3	81.
21.1	59.0	5962.3	485.0	-15.9	-38.4	246.7	28.6	26.3	11.3	316.4	317.4	0.3	12.3	20.8	80.
21.5	60.0	6087.5	477.0	-16.6	-38.9	244.8	28.6	25.9	12.2	317.1	318.0	0.3	12.4	21.5	80.
21.9	61.0	6198.4	470.0	-17.5	-40.0	244.5	28.3	25.6	12.2	317.2	318.1	0.2	12.0	22.1	79.
22.3	62.0	6326.7	462.0	-18.7	-40.5	245.1	27.9	25.3	11.8	317.3	318.1	0.2	12.6	22.8	79.
22.6	63.0	6440.3	455.0	-19.6	-41.1	245.7	27.6	25.1	11.4	317.6	318.4	0.2	12.7	23.3	79.
23.0	64.0	6555.2	448.0	-20.5	-41.7	246.4	27.3	25.0	10.9	317.8	318.6	0.2	12.8	23.9	78.
23.4	65.0	6671.5	441.0	-21.7	-42.3	246.9	27.8	25.5	10.9	317.7	318.5	0.2	13.5	24.5	78.
23.9	66.0	6823.1	432.0	-22.8	-43.1	247.3	28.9	26.7	11.2	318.3	319.0	0.2	13.6	25.4	78.
24.4	67.0	6959.9	424.0	-23.8	-43.6	247.7	32.2	29.8	12.2	318.6	319.3	0.2	14.2	26.2	77.
24.7	68.0	7081.2	417.0	-25.0	-44.7	999.9	99.9	99.9	99.9	318.6	319.2	0.2	14.8	999.9	999.
25.1	69.0	7204.0	410.0	-26.0	-44.9	999.9	99.9	99.9	99.9	318.9	319.5	0.2	14.9	999.9	999.
25.5	70.0	7328.4	403.0	-27.1	-46.1	999.9	99.9	99.9	99.9	319.0	319.5	0.1	14.5	999.9	999.
26.0	71.0	7472.6	395.0	-28.1	-47.4	999.9	99.9	99.9	99.9	319.6	320.1	0.1	13.6	999.9	999.

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
600 GMT

161 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	1.0	1015.0	12.8	12.8	90.0	0.0	0.0	0.0	295.9	309.3	9.2	100.0	0.0	0.
0.3	6.0	68.0	1007.0	16.0	11.9	999.9	99.9	99.9	99.9	289.8	312.4	8.7	76.5	999.9	999.
0.7	7.0	170.4	995.0	17.9	11.8	999.9	99.9	99.9	99.9	292.6	315.6	8.8	67.4	999.9	999.
1.0	8.0	265.6	984.0	17.3	9.4	999.9	99.9	99.9	99.9	292.8	312.8	7.6	59.9	999.9	999.
1.3	9.0	352.8	974.0	16.4	12.0	999.9	99.9	99.9	99.9	293.0	316.9	9.1	75.0	999.9	999.
1.6	10.0	449.4	963.0	15.4	11.0	999.9	99.9	99.9	99.9	292.9	315.5	8.6	75.0	999.9	999.
2.1	11.0	564.8	950.0	15.0	10.4	999.9	99.9	99.9	99.9	293.6	316.1	8.5	74.9	999.9	999.
2.4	12.0	663.5	939.0	14.4	10.0	999.9	99.9	99.9	99.9	293.9	315.8	8.3	74.8	999.9	999.
2.8	13.0	754.0	929.0	13.9	6.2	999.9	99.9	99.9	99.9	294.0	311.2	6.4	59.7	999.9	999.
3.1	14.0	854.5	918.0	13.3	7.6	999.9	99.9	99.9	99.9	294.5	313.6	7.2	68.4	999.9	999.
3.4	15.0	946.7	908.0	13.1	4.5	999.9	99.9	99.9	99.9	295.0	310.9	5.8	56.1	999.9	999.
3.8	16.0	1077.4	894.0	13.7	-40.0	999.9	99.9	99.9	99.9	296.2	296.6	0.1	1.2	999.9	999.
4.2	17.0	1171.8	884.0	13.5	-33.7	999.9	99.9	99.9	99.9	296.9	297.8	0.3	2.4	999.9	999.
4.5	18.0	1267.2	874.0	12.5	-25.7	999.9	99.9	99.9	99.9	297.0	298.7	0.6	5.4	999.9	999.
4.9	19.0	1373.2	863.0	12.1	-31.3	999.9	99.9	99.9	99.9	297.6	298.6	0.3	3.1	999.9	999.
5.2	20.0	1470.5	853.0	11.9	-33.5	999.9	99.9	99.9	99.9	298.4	299.3	0.3	2.6	999.9	999.
5.7	21.0	1588.8	841.0	11.9	-42.6	999.9	99.9	99.9	99.9	299.6	299.9	0.1	1.0	999.9	999.
6.0	22.0	1688.7	831.0	11.6	-39.5	999.9	99.9	99.9	99.9	300.2	300.7	0.1	1.4	999.9	999.
6.4	23.0	1799.6	820.0	10.6	-30.1	999.9	99.9	99.9	99.9	300.4	301.6	0.4	3.9	999.9	999.
6.8	24.0	1891.3	811.0	9.9	-26.6	999.9	99.9	99.9	99.9	300.6	302.3	0.5	5.7	999.9	999.
7.1	25.0	1994.2	801.0	9.9	-22.7	999.9	99.9	99.9	99.9	301.7	304.2	0.8	8.5	999.9	999.
7.5	26.0	2119.3	789.0	9.5	-19.1	999.9	99.9	99.9	99.9	302.6	305.9	1.1	11.3	999.9	999.
8.0	27.0	2224.9	779.0	8.8	-17.2	999.9	99.9	99.9	99.9	303.0	306.9	1.3	14.0	999.9	999.
8.3	28.0	2320.8	770.0	8.1	-23.2	999.9	99.9	99.9	99.9	303.2	305.6	0.8	8.7	999.9	999.
8.7	29.0	2428.4	760.0	7.2	-23.6	999.9	99.9	99.9	99.9	303.3	305.7	0.7	8.8	999.9	999.
9.1	30.0	2526.1	751.0	6.5	-28.3	999.9	99.9	99.9	99.9	303.6	305.2	0.5	6.1	999.9	999.
9.4	31.0	2635.8	741.0	5.8	-42.6	999.9	99.9	99.9	99.9	303.9	304.3	0.1	1.5	999.9	999.
9.8	32.0	2746.6	731.0	4.9	-46.9	243.5	18.2	16.3	8.1	304.2	304.4	0.1	1.0	4.6	72.
10.2	33.0	2847.5	722.0	4.4	-47.2	239.9	18.2	15.7	5.1	304.7	304.9	0.1	1.0	5.0	71.
10.6	34.0	2949.3	713.0	3.8	-42.5	239.2	19.1	16.4	9.8	305.0	305.5	0.1	1.8	5.4	70.
10.9	35.0	3052.2	704.0	2.9	-42.0	238.9	19.8	17.0	10.2	305.2	305.7	0.1	1.9	5.8	70.
11.3	36.0	3179.3	693.0	1.6	-40.3	239.2	20.8	17.9	10.7	305.1	305.7	0.2	2.6	6.3	69.
11.6	37.0	3296.2	683.0	1.1	-40.4	239.8	21.5	18.6	10.8	305.9	306.4	0.2	2.7	6.6	68.
12.0	38.0	3402.6	674.0	0.3	-25.5	241.1	22.1	19.3	10.7	306.2	308.5	0.7	12.2	7.2	67.
12.4	39.0	3498.1	666.0	-0.6	-18.7	243.6	22.4	20.1	10.0	306.3	310.5	1.4	25.0	7.7	67.
12.7	40.0	3606.7	657.0	-1.4	-9.5	245.9	22.6	20.6	9.2	306.7	315.2	2.8	54.0	8.1	67.
13.1	41.0	3741.1	646.0	-2.5	-7.3	248.9	22.8	21.2	8.2	307.1	317.2	3.4	69.7	8.7	67.
13.4	42.0	3852.4	637.0	-3.3	-7.0	250.6	22.8	21.5	7.6	307.4	317.5	3.4	72.3	9.1	67.
13.9	43.0	3964.8	628.0	-4.5	-7.1	251.9	23.0	21.9	7.2	307.3	317.8	3.6	82.2	9.7	68.
14.2	44.0	4065.8	620.0	-5.4	-6.9	252.0	23.3	22.1	7.2	307.4	318.2	3.7	89.4	10.2	68.
14.6	45.0	4180.4	611.0	-6.6	-11.0	252.0	23.7	22.5	7.3	307.1	314.7	2.5	65.8	10.7	68.
15.0	46.0	4283.4	603.0	-6.8	-15.6	252.1	24.2	23.0	7.4	308.0	313.8	1.9	49.4	11.3	68.
15.3	47.0	4387.5	595.0	-7.5	-20.8	252.8	24.9	23.8	7.4	308.3	312.1	1.2	33.5	11.7	68.
15.7	48.0	4506.0	586.0	-8.1	-27.0	254.2	26.1	25.1	7.1	308.9	311.1	0.7	18.9	12.3	68.
16.1	49.0	4612.7	578.0	-8.4	-30.3	256.1	27.4	26.6	6.6	309.7	311.5	0.5	15.1	12.9	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
600 GMT

161 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.4	50.0	4720.8	570.0	-8.7	-31.2	257.5	28.2	27.5	6.1	310.6	312.3	0.5	14.1	13.5	69.
17.0	51.0	4857.7	560.0	-9.7	-31.9	258.6	28.8	28.3	5.7	311.0	312.5	0.5	14.2	14.4	70.
17.3	52.0	4982.6	551.0	-10.3	-31.3	258.2	28.4	27.8	5.8	311.7	313.4	0.5	15.8	15.0	70.
17.7	53.0	5095.1	543.0	-11.0	-30.4	257.7	27.8	27.1	5.9	312.2	314.1	0.6	18.2	15.7	71.
18.1	54.0	5194.5	536.0	-12.1	-29.9	257.6	27.2	26.6	5.9	312.0	314.0	0.6	21.0	16.4	71.
18.5	55.0	5309.3	528.0	-13.1	-28.2	258.2	27.1	26.5	5.5	312.2	314.5	0.7	26.7	16.9	71.
19.0	56.0	5454.7	518.0	-14.4	-27.4	259.2	28.0	27.5	5.2	312.4	314.9	0.8	31.9	17.8	71.
19.4	57.0	5572.6	510.0	-14.9	-28.2	259.6	29.0	28.5	5.2	313.1	315.5	0.7	31.0	18.4	72.
19.8	58.0	5677.1	503.0	-15.1	-31.5	259.9	29.8	29.3	5.2	314.1	316.0	0.5	22.9	19.2	72.
20.2	59.0	5798.2	495.0	-15.6	-33.6	260.1	30.2	29.8	5.2	314.9	316.4	0.4	19.5	19.9	72.
20.6	60.0	5905.4	488.0	-16.9	-35.9	260.0	30.2	29.7	5.3	314.6	315.9	0.4	17.3	20.6	73.
21.0	61.0	6029.4	480.0	-17.5	-38.5	259.5	29.5	29.0	5.4	315.3	316.3	0.3	14.0	21.4	73.
21.3	62.0	6139.2	473.0	-18.2	-40.9	258.7	28.9	28.3	5.7	315.8	316.6	0.2	11.5	21.9	73.
21.7	63.0	6266.4	465.0	-19.0	-40.5	257.6	28.7	28.0	6.2	316.3	317.1	0.2	13.2	22.5	73.
22.1	64.0	6379.0	458.0	-20.3	-42.0	256.4	29.4	28.5	6.9	316.1	316.9	0.2	12.3	23.2	73.
22.5	65.0	6493.0	451.0	-21.1	-42.9	255.4	31.0	30.0	7.8	316.5	317.2	0.2	11.9	23.9	73.
23.0	66.0	6641.5	442.0	-22.3	-46.1	254.1	32.5	31.3	8.9	316.8	317.3	0.1	9.3	24.9	73.
23.3	67.0	6758.6	435.0	-23.1	-46.6	253.1	32.4	31.0	9.4	317.3	317.7	0.1	9.4	25.5	73.
23.7	68.0	6877.2	428.0	-24.0	-47.8	252.1	31.8	30.3	9.7	317.5	318.0	0.1	9.0	26.3	73.
24.1	69.0	6957.4	421.0	-24.8	-48.3	251.6	30.7	29.1	9.7	318.0	318.4	0.1	9.1	27.1	73.
24.5	70.0	7101.6	415.0	-25.7	-48.4	251.9	29.6	28.2	9.2	318.1	318.5	0.1	9.7	27.8	73.
25.0	71.0	7260.1	406.0	-27.0	-48.9	253.2	29.6	28.3	8.6	318.4	318.8	0.1	10.4	28.6	73.
25.4	72.0	7385.2	399.0	-28.1	-47.1	254.0	30.3	29.2	8.4	318.6	319.1	0.1	14.1	29.3	73.
25.7	73.0	7512.0	392.0	-29.0	-47.0	254.2	30.9	29.7	8.4	319.0	319.5	0.1	15.7	29.9	73.
26.2	74.0	7622.0	386.0	-30.4	-48.0	254.0	31.9	30.7	6.8	318.7	319.2	0.1	15.8	30.8	73.
26.6	75.0	7752.0	379.0	-31.0	-50.3	253.5	32.6	31.3	5.3	319.5	319.9	0.1	12.9	31.5	73.
26.9	76.0	7865.0	373.0	-31.9	-52.8	252.8	33.0	31.6	5.7	319.7	320.0	0.1	10.4	32.2	73.
27.3	77.0	7979.3	367.0	-33.0	-54.9	251.5	32.4	30.7	10.3	319.8	320.0	0.1	9.0	33.0	73.
27.7	78.0	8114.4	360.0	-34.2	-55.3	249.7	30.7	28.8	10.6	320.0	320.2	0.1	9.1	33.8	73.
28.1	79.0	8231.9	354.0	-35.0	-56.3	247.7	28.8	26.6	10.9	320.4	320.6	0.0	9.2	34.6	73.
28.6	80.0	8350.8	348.0	-36.3	-57.2	246.3	28.0	25.6	11.2	320.2	320.4	0.0	9.3	35.2	73.
29.1	81.0	8511.6	340.0	-37.8	-58.3	247.0	29.0	26.7	11.3	320.3	320.4	0.0	9.5	36.1	73.
29.5	82.0	8634.0	334.0	-39.1	-59.2	247.9	29.9	27.7	11.3	320.2	320.4	0.0	9.7	36.9	73.
29.9	83.0	8758.1	328.0	-39.7	-59.7	248.4	30.4	28.3	11.2	321.0	321.1	0.0	9.7	37.6	73.
30.4	84.0	8862.9	323.0	-40.7	-59.9	248.9	31.2	29.1	11.2	321.2	999.9	99.9	999.9	38.4	73.
30.7	85.0	8990.3	317.0	-41.8	-59.9	249.3	31.4	29.4	11.1	321.3	999.9	99.9	999.9	39.0	72.
31.2	86.0	9141.1	310.0	-43.2	-59.9	249.9	30.9	29.0	10.6	321.4	999.9	99.9	999.9	40.0	72.
31.7	87.0	9272.4	304.0	-44.3	-59.9	250.4	29.4	27.7	9.9	321.7	999.9	99.9	999.9	41.0	72.
32.2	88.0	9405.6	298.0	-45.6	-59.9	251.1	28.8	27.2	9.3	321.7	999.9	99.9	999.9	41.8	72.
32.6	89.0	9540.9	292.0	-46.5	-59.9	251.7	29.8	28.3	9.3	322.3	999.9	99.9	999.9	42.4	72.
33.0	90.0	9655.3	287.0	-47.5	-59.9	252.3	31.9	30.4	9.7	322.5	999.9	99.9	999.9	43.2	72.
33.4	91.0	9771.2	282.0	-48.7	-59.9	253.0	33.1	31.6	9.7	322.4	999.9	99.9	999.9	44.0	72.
33.8	92.0	9912.3	276.0	-49.8	-59.9	254.1	32.8	31.5	9.0	322.8	999.9	99.9	999.9	44.8	72.
34.3	93.0	10031.6	271.0	-51.0	-59.9	255.7	31.5	30.5	7.8	322.8	999.9	99.9	999.9	45.8	72.
34.7	94.0	10152.5	266.0	-51.7	-59.9	256.3	31.1	30.2	7.4	323.4	999.9	99.9	999.9	46.5	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
600 GMT

161 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.1	95.0	10300.2	260.0	-52.5	99.9	255.7	32.1	31.1	7.9	324.3	999.9	99.9	999.9	47.2	73.
35.7	96.0	10450.7	254.0	-53.8	99.9	251.9	36.5	34.7	11.4	324.6	999.9	99.9	999.9	48.4	73.
36.2	97.0	10578.1	249.0	-54.8	99.9	247.7	39.8	36.8	15.1	325.0	999.9	99.9	999.9	49.6	73.
36.6	98.0	10707.9	244.0	-54.9	99.9	244.4	40.5	36.5	17.5	326.7	999.9	99.9	999.9	50.7	72.
37.1	99.0	10840.0	239.0	-55.6	99.9	241.1	38.1	33.3	18.4	327.6	999.9	99.9	999.9	51.8	72.
37.4	100.0	10974.7	234.0	-55.7	99.9	240.2	36.2	31.5	18.0	329.4	999.9	99.9	999.9	52.6	72.
38.1	101.0	11140.1	228.0	-55.9	99.9	241.7	39.2	34.5	18.6	331.6	999.9	99.9	999.9	53.7	72.
38.5	102.0	11281.3	223.0	-55.4	99.9	243.2	45.1	40.2	20.3	334.5	999.9	99.9	999.9	54.7	71.
39.0	103.0	11425.9	218.0	-55.4	99.9	243.6	49.9	44.7	22.2	336.6	999.9	99.9	999.9	56.3	71.
39.4	104.0	11544.3	214.0	-54.6	99.9	242.8	48.6	43.3	22.2	339.7	999.9	99.9	999.9	57.7	71.
40.0	105.0	11695.5	209.0	-55.1	99.9	241.4	45.6	40.0	21.8	341.2	999.9	99.9	999.9	59.2	71.
40.4	106.0	11818.7	205.0	-55.7	99.9	241.3	46.1	40.4	22.1	342.1	999.9	99.9	999.9	60.2	71.
40.9	107.0	11975.9	200.0	-55.7	99.9	241.7	47.5	41.8	22.5	344.5	999.9	99.9	999.9	61.5	71.
41.4	108.0	12104.8	196.0	-54.9	99.9	241.9	48.4	42.7	22.8	347.8	999.9	99.9	999.9	63.3	70.
41.8	109.0	12236.3	192.0	-56.1	99.9	241.7	49.6	43.6	22.5	348.0	999.9	99.9	999.9	64.1	70.
42.3	110.0	12404.1	187.0	-55.9	99.9	240.9	51.9	45.4	25.3	350.9	999.9	99.9	999.9	65.7	70.
42.9	111.0	12576.2	182.0	-56.9	99.9	239.6	54.5*	47.0	27.6	352.0	999.9	99.9	999.9	67.6	70.
43.3	112.0	12716.7	178.0	-57.8	99.9	238.5	54.5*	46.4	28.5	352.9	999.9	99.9	999.9	68.8	69.
43.8	113.0	12860.4	174.0	-56.9	99.9	236.8	52.3*	43.8	28.7	356.6	999.9	99.9	999.9	70.7	69.
44.3	114.0	13007.7	170.0	-56.9	99.9	235.7	51.0*	42.1	28.8	359.0	999.9	99.9	999.9	72.0	69.
44.8	115.0	13158.3	166.0	-57.4	99.9	236.7	53.7*	44.9	27.5	360.6	999.9	99.9	999.9	73.2	69.
45.5	116.0	13350.9	161.0	-59.0	99.9	239.1	55.2*	47.4	29.4	361.1	999.9	99.9	999.9	76.1	68.
46.0	117.0	13508.7	157.0	-59.1	99.9	239.3	48.9*	42.1	25.0	363.4	999.9	99.9	999.9	77.7	68.
46.6	118.0	13670.4	153.0	-59.1	99.9	240.5	49.9*	43.4	24.6	366.1	999.9	99.9	999.9	78.8	68.
47.1	119.0	13794.4	150.0	-59.7	99.9	242.3	53.5*	47.3	24.9	367.3	999.9	99.9	999.9	80.5	68.
47.6	120.0	13963.1	146.0	-60.6	99.9	243.5	49.0*	43.9	21.8	368.6	999.9	99.9	999.9	82.7	68.
48.0	121.0	14092.3	143.0	-60.8	99.9	243.9	40.9*	36.7	18.0	370.5	999.9	99.9	999.9	83.4	68.
48.5	122.0	14268.6	139.0	-61.3	99.9	243.8	36.9*	33.1	16.3	372.5	999.9	99.9	999.9	84.4	68.
49.0	123.0	14403.7	136.0	-62.2	99.9	244.1	41.1*	37.0	18.0	373.2	999.9	99.9	999.9	85.2	68.
49.5	124.0	14587.6	132.0	-63.4	99.9	244.4	46.0*	41.4	19.9	374.4	999.9	99.9	999.9	87.1	67.
49.9	125.0	14728.4	129.0	-64.7	99.9	244.6	49.2*	44.4	21.0	374.4	999.9	99.9	999.9	87.9	67.
50.6	126.0	14920.7	125.0	-64.7	99.9	245.7	54.8*	49.9	22.5	377.8	999.9	99.9	999.9	90.1	67.
51.1	127.0	15069.0	122.0	-64.7	99.9	246.3	55.6*	51.0	22.3	380.4	999.9	99.9	999.9	92.0	67.
51.6	128.0	15221.1	119.0	-64.7	99.9	245.5	53.0*	48.2	22.0	383.2	999.9	99.9	999.9	93.7	67.
52.1	129.0	15429.4	115.0	-65.5	99.9	242.7	48.4*	43.0	22.2	385.4	999.9	99.9	999.9	95.0	67.
52.6	130.0	15590.2	112.0	-65.5	99.9	239.7	41.8*	36.1	21.1	388.4	999.9	99.9	999.9	96.8	67.
53.3	131.0	15755.4	109.0	-65.3	99.9	237.6	34.2*	28.9	18.4	391.8	999.9	99.9	999.9	97.9	67.
53.8	132.0	15982.6	105.0	-65.9	99.9	235.9	32.7*	27.1	18.3	394.8	999.9	99.9	999.9	99.0	67.
54.3	133.0	16099.1	103.0	-66.9	99.9	235.0	32.3*	26.4	18.5	395.0	999.9	99.9	999.9	99.9	67.
54.8	134.0	16277.3	100.0	-67.8	99.9	236.9	31.7*	26.6	17.4	396.8	999.9	99.9	999.9	100.8	67.
55.4	135.0	16460.6	97.0	-67.5	99.9	240.5	31.9*	27.8	15.7	400.7	999.9	99.9	999.9	102.0	67.
56.0	136.0	16649.2	94.0	-68.7	99.9	243.1	33.8*	30.1	15.3	402.2	999.9	99.9	999.9	103.0	67.
56.7	137.0	16909.7	90.0	-68.7	99.9	245.7	38.1*	34.7	15.7	407.2	999.9	99.9	999.9	104.6	67.
57.2	138.0	17112.5	87.0	-69.3	99.9	246.5	41.9*	38.4	16.7	409.8	999.9	99.9	999.9	105.7	67.
57.9	139.0	17322.3	84.0	-68.7	99.9	246.6	42.3*	38.9	16.8	415.3	999.9	99.9	999.9	107.9	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
600 GMT

161 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.7	140.0	17541.0	81.0	-67.2	99.9	246.6	35.7*	32.7	14.2	422.7	999.9	99.9	999.9	109.5	67.
59.3	141.0	17769.0	78.0	-66.5	99.9	246.8	34.1*	31.4	13.4	428.6	999.9	99.9	999.9	110.7	67.
60.0	142.0	18005.4	75.0	-68.2	99.9	249.0	34.9*	32.5	12.5	429.9	999.9	99.9	999.9	112.2	67.
60.7	143.0	18250.4	72.0	-68.4	99.9	255.4	36.6*	35.4	9.2	434.5	999.9	99.9	999.9	113.7	67.
61.3	144.0	18505.4	69.0	-68.7	99.9	258.6	35.9*	35.2	7.1	439.3	999.9	99.9	999.9	115.0	67.
62.1	145.0	18772.5	66.0	-67.4	99.9	254.4	31.8*	30.6	8.5	447.8	999.9	99.9	999.9	116.6	67.
62.8	146.0	18957.9	64.0	-67.6	99.9	250.9	25.0*	23.6	8.2	451.2	999.9	99.9	999.9	117.9	67.
63.5	147.0	19247.0	61.0	-67.6	99.9	247.0	9.8*	9.0	5.8	457.5	999.9	99.9	999.9	119.5	67.
64.3	148.0	19550.2	58.0	-68.2	99.9	241.7	10.5*	9.2	5.0	462.7	999.9	99.9	999.9	118.7	67.
65.1	149.0	19762.7	56.0	-64.7	99.9	246.7	16.4*	15.1	6.5	475.3	999.9	99.9	999.9	119.8	67.
65.9	150.0	20100.5	53.0	-62.6	99.9	253.7	17.3*	16.6	4.8	487.8	999.9	99.9	999.9	120.6	67.
66.8	151.0	20459.3	50.0	-63.4	99.9	263.0	20.0*	19.9	2.4	494.2	999.9	99.9	999.9	121.4	67.
67.7	152.0	20709.5	48.0	-64.3	99.9	256.6	9.7*	9.4	2.2	497.7	999.9	99.9	999.9	122.5	67.
68.6	153.0	21103.9	45.0	-64.7	99.9	56.9	10.7*	-9.0	-5.8	506.0	999.9	99.9	999.9	123.0	67.
69.6	154.0	21382.1	43.0	-63.7	99.9	260.9	19.3*	19.1	3.0	515.0	999.9	99.9	999.9	121.8	67.
70.5	155.0	21826.2	40.0	-63.4	99.9	253.6	33.3*	32.0	0.4	526.8	999.9	99.9	999.9	124.1	67.
71.5	156.0	22142.6	38.0	-61.7	99.9	295.8	1.8*	1.7	-0.8	538.9	999.9	99.9	999.9	125.8	67.
72.6	157.0	22653.8	35.0	-60.2	99.9	29.4	4.0*	-1.9	-3.5	555.5	999.9	99.9	999.9	124.4	67.
73.6	158.0	23020.9	33.0	-60.2	99.9	253.0	29.8*	28.5	8.7	564.9	999.9	99.9	999.9	125.6	68.
74.8	159.0	23410.8	31.0	-60.2	99.9	248.4	10.7*	9.9	3.9	575.1	999.9	99.9	999.9	127.8	68.
76.0	160.0	24046.5	28.0	-59.7	99.9	246.8	61.3*	56.3	24.1	593.6	999.9	99.9	999.9	129.7	67.
77.3	161.0	24510.9	26.0	-58.8	99.9	271.7	11.4*	11.4	-0.3	608.8	999.9	99.9	999.9	132.5	68.
78.9	162.0	25013.8	24.0	-58.4	99.9	262.6	32.5*	32.2	4.2	623.9	999.9	99.9	999.9	133.4	68.
80.6	163.0	25854.3	21.0	-58.1	99.9	256.1	22.3*	21.7	5.4	649.2	999.9	99.9	999.9	137.3	68.
82.4	164.0	26487.0	19.0	-56.6	99.9	257.1	21.0	20.5	4.7	672.8	999.9	99.9	999.9	139.6	68.
84.4	165.0	27581.4	16.0	-54.9	99.9	999.9	99.9	99.9	99.9	712.1	999.9	99.9	999.9	999.9	999.

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
1115 GMT

157 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	1.0	1013.8	16.2	12.4	350.0	2.6	0.5	-2.6	289.4	312.5	9.0	78.0	0.0	0.
0.4	6.0	58.5	1007.0	18.0	9.7	347.0	8.4	1.9	-8.2	291.6	311.5	7.6	58.5	0.2	187.
0.7	7.0	152.5	996.0	17.2	9.2	347.2	8.7	1.9	-8.4	291.6	311.1	7.4	59.5	0.3	180.
1.0	8.0	247.1	985.0	16.2	8.5	347.5	9.0	2.0	-8.8	291.5	310.3	7.1	60.5	0.4	175.
1.3	9.0	342.6	974.0	15.4	7.2	346.7	8.8	2.0	-8.6	291.6	309.0	6.6	58.1	0.6	173.
1.7	10.0	430.1	964.0	15.0	7.0	343.4	7.7	2.2	-7.4	292.0	309.5	6.6	59.1	0.8	171.
2.0	11.0	545.0	951.0	14.8	3.0	337.6	6.4	2.4	-5.9	292.8	306.4	5.0	45.2	0.9	170.
2.3	12.0	643.3	940.0	14.0	6.4	324.5	5.0	2.9	-4.0	293.1	310.4	6.4	60.2	1.0	168.
2.7	13.0	733.6	930.0	13.2	11.2	291.8	4.4	4.1	-1.6	293.6	317.3	9.0	87.5	1.1	165.
3.0	14.0	824.6	920.0	12.5	11.2	269.4	5.5	5.5	0.1	293.7	317.7	9.1	91.8	1.1	162.
3.3	15.0	925.8	909.0	12.5	9.6	259.5	6.6	6.5	1.2	294.6	316.6	8.3	82.5	1.2	155.
3.7	16.0	1046.8	896.0	12.1	8.6	249.5	7.3	6.8	2.6	295.2	313.7	6.9	69.3	1.2	147.
4.0	17.0	1140.8	886.0	11.9	-3.7	241.5	7.2	6.4	3.5	295.5	304.8	3.3	33.4	1.2	141.
4.4	18.0	1235.6	876.0	11.3	-9.0	238.0	7.7	6.5	4.1	295.8	302.1	2.2	23.0	1.3	133.
4.7	19.0	1331.3	866.0	10.6	-10.4	237.8	8.1	6.8	4.3	295.9	301.7	2.0	21.6	1.3	127.
5.1	20.0	1437.5	855.0	9.5	-6.6	237.7	8.5	7.2	4.5	296.0	303.7	2.7	31.3	1.4	119.
5.4	21.0	1554.5	843.0	8.6	-4.4	235.1	8.7	7.1	5.0	296.3	305.5	3.3	39.6	1.5	114.
5.8	22.0	1653.1	833.0	7.7	-1.1	235.6	9.0	7.5	5.1	296.5	308.3	4.2	53.5	1.6	107.
6.1	23.0	1752.6	823.0	7.2	-0.5	237.6	9.6	8.1	5.2	297.0	309.4	4.5	57.9	1.7	103.
6.4	24.0	1853.2	813.0	6.7	-0.1	240.5	10.8	9.4	5.3	297.5	310.5	4.7	62.1	1.8	99.
6.7	25.0	1944.6	804.0	6.0	0.3	242.8	12.2	10.8	5.6	297.7	311.7	5.0	69.2	2.0	96.
7.2	26.0	2067.8	792.0	5.6	1.6	246.2	14.2	13.0	5.7	298.7	313.8	5.4	75.4	2.4	90.
7.5	27.0	2171.8	782.0	4.6	4.6	248.2	15.3	14.2	5.7	298.9	317.5	6.8	101.1	2.6	88.
7.8	28.0	2276.9	772.0	4.4	4.4	250.0	16.1	15.1	5.5	299.8	319.5	6.8	101.9	2.9	86.
8.2	29.0	2372.8	763.0	5.3	5.3	251.7	17.0	16.2	5.3	301.8	322.0	7.3	102.3	3.3	84.
8.6	30.0	2480.6	753.0	4.4	4.4	252.5	18.0	17.2	5.4	301.9	321.3	7.0	102.4	3.7	83.
8.9	31.0	2567.8	745.0	3.9	3.9	252.2	18.8	18.0	5.7	302.3	321.3	6.8	102.3	4.0	82.
9.3	32.0	2677.8	735.0	3.6	3.6	251.2	19.8	18.8	6.4	303.1	321.9	6.8	102.3	4.5	81.
9.7	33.0	2778.0	726.0	3.1	3.1	250.1	20.4	19.2	7.0	303.6	322.1	6.6	102.2	5.0	80.
10.0	34.0	2890.5	716.0	2.3	2.3	249.2	20.7	19.4	7.4	303.8	321.6	6.3	101.3	5.4	79.
10.3	35.0	2992.9	707.0	1.9	1.9	248.8	21.0	19.6	7.6	304.6	322.2	6.3	100.7	5.7	79.
10.7	36.0	3119.2	696.0	-0.0	-0.0	248.7	21.8	20.3	7.9	303.7	319.2	5.5	99.9	6.2	78.
11.1	37.0	3211.8	688.0	-1.3	-2.9	249.0	23.0	21.5	8.3	303.1	316.0	4.5	88.7	6.7	77.
11.4	38.0	3316.8	679.0	-2.1	-4.0	249.5	24.2	22.6	8.5	303.4	315.4	4.2	86.8	7.1	77.
11.7	39.0	3434.7	669.0	-2.8	-4.0	250.1	25.1	23.6	8.5	303.8	315.5	4.1	87.7	7.6	76.
11.9	40.0	3530.0	661.0	-4.1	-5.9	250.5	25.6	24.1	8.6	303.4	314.2	3.7	87.1	7.9	76.
12.3	41.0	3662.5	650.0	-4.4	-6.2	251.0	26.1	24.7	8.5	304.5	315.2	3.7	86.9	8.5	76.
12.7	42.0	3772.5	641.0	-4.1	-6.9	251.5	26.1	24.7	8.3	306.0	316.5	3.6	80.8	9.2	75.
12.9	43.0	3884.1	632.0	-4.5	-10.0	251.8	25.9	24.6	9.1	306.6	315.0	2.8	65.1	9.5	75.
13.2	44.0	3984.3	624.0	-5.7	-10.2	252.4	25.5	24.3	7.7	306.4	314.8	2.8	70.6	9.9	75.
13.6	45.0	4085.4	616.0	-6.3	-12.2	253.4	25.0	24.0	7.2	306.8	314.1	2.4	62.9	10.3	75.
13.8	46.0	4200.4	607.0	-7.2	-14.6	254.0	25.0	24.0	6.9	307.0	313.1	2.0	55.2	10.8	75.
14.0	47.0	4303.8	599.0	-7.9	-12.0	254.5	25.0	24.1	6.7	307.3	314.5	2.4	67.7	11.1	75.
14.3	48.0	4408.2	591.0	-8.4	-19.2	254.8	25.3	24.4	6.6	307.9	312.2	1.4	40.7	11.6	75.
14.7	49.0	4527.2	582.0	-9.0	-19.7	254.8	25.9	25.0	6.8	308.6	312.9	1.4	41.3	12.2	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 232  
ROCKVILLE, LA

6 FEBRUARY 1975  
1115 GMT

157 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.0	50.0	4634.2	574.0	-9.7	-22.5	254.5	26.4	25.4	7.1	308.9	312.4	1.1	34.0	12.7	75.
15.5	51.0	4769.7	564.0	-10.7	-27.9	253.8	27.4	26.3	7.7	309.2	311.4	0.7	22.6	13.4	75.
15.8	52.0	4879.3	556.0	-11.7	-28.7	253.5	28.0	26.8	7.9	309.3	311.4	0.6	22.7	14.0	75.
16.3	53.0	4990.2	548.0	-12.4	-27.0	252.8	28.6	27.3	8.4	309.8	312.2	0.8	28.2	14.8	75.
16.8	54.0	5102.6	540.0	-12.4	-27.0	251.8	28.8	27.4	9.0	311.1	313.4	0.7	26.7	15.7	75.
17.2	55.0	5202.2	533.0	-13.0	-26.5	251.1	29.0	27.4	5.4	311.6	314.2	0.8	31.0	16.4	74.
17.8	56.0	5346.4	523.0	-13.8	-26.9	250.6	29.3	27.7	5.7	312.2	314.9	0.8	31.9	17.4	74.
18.3	57.0	5448.7	516.0	-14.5	-23.7	250.6	29.7	28.0	9.8	312.6	316.1	1.1	45.4	18.3	74.
18.7	58.0	5552.1	509.0	-15.1	-23.8	250.5	30.1	28.4	10.1	313.2	316.7	1.1	47.1	19.0	74.
19.1	59.0	5687.0	500.0	-15.3	-33.4	249.9	30.6	28.7	10.5	314.4	315.9	0.5	19.5	19.8	74.
19.5	60.0	5793.3	493.0	-16.3	-37.5	248.9	30.9	28.8	11.1	314.4	315.5	0.3	14.0	20.5	74.
19.9	61.0	5916.1	485.0	-17.3	-43.7	248.5	31.0	28.8	11.4	314.7	315.3	0.2	7.8	21.2	73.
20.3	62.0	6024.9	478.0	-18.1	-42.0	249.2	31.0	29.0	11.0	315.0	315.7	0.2	10.1	22.0	73.
20.7	63.0	6135.0	471.0	-18.9	-43.1	250.2	31.3	29.5	10.6	315.3	316.0	0.2	9.7	22.7	73.
21.1	64.0	6262.3	463.0	-19.8	-46.6	251.1	32.0	30.3	10.4	315.7	316.1	0.1	7.1	23.4	73.
21.4	65.0	6375.2	456.0	-20.6	-50.3	251.2	32.8	31.0	10.6	316.0	316.3	0.1	5.0	24.0	73.
21.9	66.0	6522.5	447.0	-21.3	-51.7	251.3	33.7	31.9	10.8	317.0	317.3	0.1	4.5	25.1	73.
22.3	67.0	6638.7	440.0	-22.3	-38.0	251.6	34.0	32.2	10.7	317.3	318.4	0.3	22.2	25.8	73.
22.7	68.0	6756.4	433.0	-22.8	-35.4	251.8	33.8	32.1	10.6	318.1	319.5	0.4	30.2	26.7	73.
23.0	69.0	6875.7	426.0	-23.9	-33.8	251.9	33.5	31.8	10.4	318.2	320.0	0.5	39.2	27.3	73.
23.3	70.0	6996.5	419.0	-24.9	-37.0	252.2	32.6	31.0	9.9	319.3	319.6	0.4	31.2	27.9	73.
23.9	71.0	7154.1	410.0	-26.0	-41.1	253.2	31.4	30.0	9.1	318.9	319.8	0.3	22.5	29.0	73.
24.4	72.0	7260.6	404.0	-27.0	-42.1	253.7	32.4	31.1	9.1	318.9	319.7	0.2	22.2	30.0	73.
24.9	73.0	7386.4	397.0	-27.8	-48.6	253.3	35.7	34.2	10.3	319.4	319.8	0.1	11.3	30.8	73.
25.3	74.0	7495.5	391.0	-29.0	-49.7	252.8	38.0	36.3	11.2	319.3	319.6	0.1	11.5	31.8	73.
25.7	75.0	7605.9	385.0	-30.0	-50.0	252.2	38.3	36.4	11.7	319.5	319.8	0.1	12.1	32.9	73.
26.1	76.0	7736.3	378.0	-31.3	-50.2	251.7	36.8	34.9	11.5	319.4	319.8	0.1	13.2	33.9	73.
26.6	77.0	7849.4	372.0	-32.4	-57.0	251.3	35.3	33.4	11.3	319.4	319.6	0.0	6.5	34.7	73.
27.0	78.0	7983.1	365.0	-33.3	-60.8	251.4	36.5	34.5	11.7	319.9	320.0	0.0	4.4	35.5	73.
27.4	79.0	8099.3	359.0	-34.4	-57.6	252.0	38.6	36.7	11.9	320.0	320.2	0.0	7.3	36.5	73.
27.8	80.0	8217.0	353.0	-35.2	-58.1	252.9	39.6	37.9	11.6	320.5	320.6	0.0	7.5	37.5	73.
28.3	81.0	8376.3	345.0	-36.8	-59.2	254.0	39.9	38.3	11.0	320.4	320.5	0.0	7.7	38.6	73.
28.7	82.0	8497.4	339.0	-38.0	-59.4	254.7	39.4	38.0	10.4	320.3	320.5	0.0	8.4	39.6	73.
29.1	83.0	8620.2	333.0	-39.0	99.9	255.8	38.3	37.2	9.4	320.8	999.9	99.9	999.9	40.6	73.
29.5	84.0	8744.6	327.0	-40.1	99.9	257.5	36.6	35.7	7.9	320.9	999.9	99.9	999.9	41.5	73.
29.9	85.0	8870.7	321.0	-41.3	99.9	260.0	34.9	34.4	6.1	320.9	999.9	99.9	999.9	42.3	73.
30.5	86.0	9020.0	314.0	-42.7	99.9	263.5	32.8	32.6	3.7	321.0	999.9	99.9	999.9	43.5	73.
30.9	87.0	9128.1	309.0	-43.7	99.9	264.7	31.9	31.7	2.9	321.1	999.9	99.9	999.9	44.4	73.
31.3	88.0	9259.5	303.0	-44.8	99.9	264.6	32.6	32.4	5.0	321.3	999.9	99.9	999.9	45.0	74.
31.8	89.0	9370.6	298.0	-45.7	99.9	263.0	36.2	35.9	4.4	321.6	999.9	99.9	999.9	45.9	74.
32.2	90.0	9505.9	292.0	-46.6	99.9	261.5	39.6	39.1	5.9	322.2	999.9	99.9	999.9	46.8	74.
32.6	91.0	9643.3	286.0	-47.8	99.9	260.5	41.4	40.9	6.8	322.4	999.9	99.9	999.9	47.9	74.
33.0	92.0	9759.5	281.0	-48.7	99.9	260.2	40.2	39.6	6.8	322.8	999.9	99.9	999.9	49.1	74.
33.3	93.0	9877.3	276.0	-49.4	99.9	259.8	38.9	38.3	6.9	323.3	999.9	99.9	999.9	49.7	74.
33.7	94.0	10021.1	270.0	-50.2	99.9	258.6	38.7	37.9	7.7	324.3	999.9	99.9	999.9	50.4	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
ROCKVILLE, LA

6 FEBRUARY 1975  
1115 GMT

157 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.1	95.0	10143.0	265.0	-51.1	99.9	257.0	40.0	38.9	9.0	324.7	999.9	99.9	999.9	51.2	75.
34.5	96.0	10292.0	259.0	-50.8	99.9	255.6	41.4	40.1	10.3	327.3	999.9	99.9	999.9	52.7	75.
34.9	97.0	10418.9	254.0	-51.2	99.9	255.7	41.4	40.1	10.2	328.4	999.9	99.9	999.9	53.4	75.
35.3	98.0	10573.9	248.0	-52.3	99.9	256.9	41.6	40.6	9.4	329.0	999.9	99.9	999.9	54.4	75.
35.6	99.0	10678.8	244.0	-53.3	99.9	258.3	41.9	41.0	8.5	329.1	999.9	99.9	999.9	55.2	75.
36.1	100.0	10811.8	239.0	-54.4	99.9	260.9	42.0	41.5	6.7	329.4	999.9	99.9	999.9	56.4	75.
36.7	101.0	10974.2	233.0	-55.7	99.9	261.8	40.8	40.4	5.8	329.8	999.9	99.9	999.9	58.0	75.
37.1	102.0	11112.3	228.0	-55.9	99.9	260.7	39.9	39.4	6.4	331.6	999.9	99.9	999.9	58.9	75.
37.5	103.0	11253.2	223.0	-56.4	99.9	258.5	39.4	38.6	7.8	332.9	999.9	99.9	999.9	59.7	75.
37.9	104.0	11397.0	218.0	-56.9	99.9	256.6	39.1	38.0	9.1	334.3	999.9	99.9	999.9	60.9	75.
38.2	105.0	11514.0	214.0	-58.1	99.9	255.5	39.3	38.0	9.9	334.2	999.9	99.9	999.9	61.5	75.
38.7	106.0	11662.6	209.0	-59.0	99.9	254.1	41.7*	40.1	11.4	335.1	999.9	99.9	999.9	62.6	75.
39.1	107.0	11783.6	205.0	-59.9	99.9	253.7	46.3*	44.5	13.0	335.6	999.9	99.9	999.9	63.6	75.
39.5	108.0	11906.4	201.0	-60.8	99.9	253.7	52.2*	50.2	14.7	336.0	999.9	99.9	999.9	64.2	75.
39.9	109.0	12062.7	196.0	-61.7	99.9	253.3	51.5*	49.4	14.8	337.0	999.9	99.9	999.9	66.5	75.
40.3	110.0	12190.8	192.0	-60.6	99.9	251.2	46.8*	44.3	15.1	340.7	999.9	99.9	999.9	67.7	75.
40.8	111.0	12356.5	187.0	-56.8	99.9	246.1	41.7*	38.1	16.9	349.6	999.9	99.9	999.9	68.5	75.
41.2	112.0	12493.3	183.0	-57.6	99.9	242.2	39.9*	35.3	18.6	350.3	999.9	99.9	999.9	69.5	75.
41.6	113.0	12632.6	179.0	-58.3	99.9	240.2	39.3*	34.1	19.5	351.4	999.9	99.9	999.9	70.7	75.
42.1	114.0	12810.7	174.0	-58.8	99.9	240.7	39.4*	34.4	19.3	353.4	999.9	99.9	999.9	71.6	74.
42.5	115.0	12920.0	171.0	-58.3	99.9	242.3	42.9*	38.0	20.0	356.1	999.9	99.9	999.9	72.3	74.
43.1	116.0	13106.7	166.0	-58.5	99.9	243.7	51.8*	46.4	23.0	358.8	999.9	99.9	999.9	74.2	74.
43.5	117.0	13260.0	162.0	-58.6	99.9	243.9	54.7*	49.1	24.0	361.0	999.9	99.9	999.9	75.6	74.
43.9	118.0	13417.2	158.0	-58.5	99.9	244.9	56.0*	50.7	23.7	363.9	999.9	99.9	999.9	77.0	74.
44.3	119.0	13578.1	154.0	-59.4	99.9	246.4	60.8*	55.7	24.3	365.1	999.9	99.9	999.9	78.0	73.
44.8	120.0	13701.2	151.0	-59.7	99.9	247.0	64.6*	59.4	25.2	366.5	999.9	99.9	999.9	79.8	73.
45.3	121.0	13862.7	147.0	-60.4	99.9	245.2	54.5*	49.5	22.9	368.1	999.9	99.9	999.9	82.8	73.
45.7	122.0	13997.0	144.0	-61.0	99.9	241.8	40.9*	36.1	19.3	369.3	999.9	99.9	999.9	83.9	73.
46.3	123.0	14171.9	140.0	-61.5	99.9	238.1	32.3*	27.4	17.1	371.3	999.9	99.9	999.9	83.9	73.
46.8	124.0	14306.1	137.0	-61.7	99.9	238.7	36.9*	31.5	19.1	373.3	999.9	99.9	999.9	85.2	73.
47.3	125.0	14489.4	133.0	-62.3	99.9	238.7	40.1*	34.2	20.9	375.5	999.9	99.9	999.9	86.5	72.
47.9	126.0	14677.4	129.0	-63.6	99.9	239.0	41.5*	35.6	21.4	376.4	999.9	99.9	999.9	87.6	72.
48.4	127.0	14821.4	126.0	-64.8	99.9	240.3	43.7*	37.9	21.6	376.8	999.9	99.9	999.9	89.2	72.
48.9	128.0	14968.2	123.0	-65.4	99.9	240.7	45.2*	39.4	22.1	378.3	999.9	99.9	999.9	90.2	72.
49.4	129.0	15118.1	120.0	-66.4	99.9	240.7	46.4*	40.5	22.7	379.1	999.9	99.9	999.9	91.9	72.
49.9	130.0	15270.9	117.0	-67.7	99.9	242.0	48.1*	42.4	22.6	379.5	999.9	99.9	999.9	92.9	72.
50.6	131.0	15479.5	113.0	-69.2	99.9	244.0	46.8*	42.4	19.8	380.4	999.9	99.9	999.9	95.3	71.
50.9	132.0	15694.4	109.0	-69.9	99.9	245.9	43.8*	40.0	17.9	383.1	999.9	99.9	999.9	96.2	71.
51.4	133.0	15804.6	107.0	-69.9	99.9	246.8	38.7*	35.6	15.2	385.2	999.9	99.9	999.9	97.2	71.
51.9	134.0	16031.7	103.0	-69.5	99.9	243.0	35.4*	32.9	13.3	390.2	999.9	99.9	999.9	98.3	71.
52.4	135.0	16207.9	100.0	-69.9	99.9	250.9	32.7*	30.9	10.7	392.7	999.9	99.9	999.9	99.4	71.
53.0	136.0	16389.3	97.0	-69.7	99.9	256.1	30.6*	29.7	7.3	396.6	999.9	99.9	999.9	100.5	71.
53.7	137.0	16576.7	94.0	-69.5	99.9	257.3	32.1*	31.3	7.1	400.6	999.9	99.9	999.9	101.7	71.
54.3	138.0	16836.4	90.0	-69.0	99.9	254.5	32.6*	31.4	8.7	406.5	999.9	99.9	999.9	103.0	71.
55.0	139.0	17039.0	87.0	-69.2	99.9	251.4	34.0*	32.2	10.8	410.0	999.9	99.9	999.9	104.3	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
1115 GMT

157 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
55.8	140.0	17248.5	84.0	-69.5	99.9	249.1	38.9*	36.4	13.9	413.7	999.9	99.9	999.9	106.1	71.
56.6	141.0	17465.1	81.0	-70.1	99.9	249.2	37.1*	34.7	13.2	416.6	999.9	99.9	999.9	107.9	71.
57.2	142.0	17689.6	78.0	-70.1	99.9	252.5	36.4*	34.7	10.9	421.1	999.9	99.9	999.9	109.2	71.
57.7	143.0	17922.9	75.0	-69.9	99.9	254.4	35.3*	34.0	9.5	426.4	999.9	99.9	999.9	110.4	71.
58.5	144.0	18166.0	72.0	-69.9	99.9	253.6	31.7*	30.4	9.0	431.4	999.9	99.9	999.9	111.9	71.
59.3	145.0	18421.0	69.0	-67.3	99.9	254.1	32.0*	30.8	8.8	442.3	999.9	99.9	999.9	113.4	71.
60.1	146.0	18689.8	66.0	-66.0	99.9	250.3	31.3*	29.4	10.6	450.7	999.9	99.9	999.9	115.0	71.
60.9	147.0	18972.1	63.0	-66.0	99.9	241.9	23.5*	20.7	11.1	456.7	999.9	99.9	999.9	116.6	71.
61.7	148.0	19267.4	60.0	-67.1	99.9	248.1	25.1*	23.2	9.4	460.8	999.9	99.9	999.9	117.1	71.
62.5	149.0	19577.3	57.0	-66.6	99.9	251.8	26.3*	24.9	8.2	468.6	999.9	99.9	999.9	118.9	71.
63.4	150.0	19904.8	54.0	-66.0	99.9	271.1	6.3*	6.3	-0.1	477.3	999.9	99.9	999.9	119.7	71.
64.3	151.0	20134.5	52.0	-64.8	99.9	267.9	14.2*	14.2	0.5	485.3	999.9	99.9	999.9	119.7	71.
65.3	152.0	20495.9	49.0	-66.2	99.9	265.2	16.8*	16.7	1.4	490.3	999.9	99.9	999.9	120.9	72.
66.3	153.0	20879.4	46.0	-65.6	99.9	259.8	17.2*	16.9	3.1	500.7	999.9	99.9	999.9	121.8	72.
67.5	154.0	21288.8	43.0	-66.2	99.9	254.1	25.7*	24.7	7.0	508.9	999.9	99.9	999.9	123.6	72.
68.7	155.0	21580.5	41.0	-61.9	99.9	234.7	3.4*	2.8	2.0	526.7	999.9	99.9	999.9	125.2	72.
70.1	156.0	22053.1	38.0	-59.7	99.9	253.6	33.0*	31.6	9.3	543.8	999.9	99.9	999.9	125.4	72.
71.1	157.0	22567.5	35.0	-59.5	99.9	252.6	45.6*	43.5	13.6	557.3	999.9	99.9	999.9	127.9	72.
72.6	158.0	22935.5	33.0	-59.7	99.9	342.9	6.0*	1.8	-5.8	566.2	999.9	99.9	999.9	130.3	72.
74.1	159.0	23530.1	30.0	-60.6	99.9	275.3	15.3*	15.2	-1.4	579.4	999.9	99.9	999.9	130.4	72.
75.6	160.0	24184.0	27.0	-61.9	99.9	999.9	99.9	99.9	99.9	593.5	999.9	99.9	999.9	999.9	999.
77.3	161.0	24661.3	25.0	-61.0	99.9	999.9	99.9	99.9	99.9	609.4	999.9	99.9	999.9	999.9	999.

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
1500 GMT

154 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	1.0	1015.5	17.8	13.5	340.0	4.1	1.4	-3.9	291.0	316.0	5.7	76.0	0.0	0.
0.3	6.0	81.4	1006.0	17.1	10.7	999.9	99.9	99.9	99.9	290.8	311.9	8.1	66.2	999.9	999.
0.6	7.0	183.7	994.0	16.0	10.5	999.9	99.9	99.9	99.9	290.8	311.8	8.1	69.6	999.9	999.
0.9	8.0	278.4	983.0	15.4	10.4	999.9	99.9	99.9	99.9	291.1	312.3	8.1	71.8	999.9	999.
1.2	9.0	373.8	972.0	14.4	9.9	999.9	99.9	99.9	99.9	291.0	311.7	7.9	74.0	999.9	999.
1.5	10.0	478.7	960.0	13.7	7.1	999.9	99.9	99.9	99.9	291.1	308.6	6.6	64.6	999.9	999.
1.9	11.0	593.6	947.0	13.1	5.7	328.2	5.1	2.7	-4.3	291.5	307.8	6.1	61.0	0.7	157.
2.2	12.0	691.9	936.0	13.1	3.8	314.0	5.8	4.2	-4.1	292.4	307.0	5.4	53.4	0.8	155.
2.6	13.0	791.3	925.0	13.3	-2.3	300.0	7.5	6.5	-3.8	293.4	303.1	3.5	33.8	1.0	151.
2.9	14.0	891.9	914.0	13.1	-1.7	292.2	8.1	7.5	-3.1	294.2	304.5	3.7	35.8	1.1	146.
3.2	15.0	993.6	903.0	12.7	1.6	287.8	8.1	7.7	-2.5	295.0	308.1	4.8	46.8	1.2	142.
3.7	16.0	1124.5	889.0	11.4	0.6	284.7	8.3	8.0	-2.1	294.9	307.2	4.5	47.3	1.4	136.
4.0	17.0	1228.4	878.0	11.0	-5.4	284.7	8.8	8.5	-2.2	295.3	303.6	2.9	31.2	1.5	133.
4.3	18.0	1323.9	868.0	10.8	-2.8	286.2	9.9	9.5	-2.8	296.2	306.2	3.6	38.3	1.7	130.
4.7	19.0	1430.0	857.0	9.7	-5.2	286.9	11.0	10.6	-3.2	296.0	304.6	3.0	34.4	1.9	127.
5.0	20.0	1537.1	846.0	9.2	-6.2	286.8	11.8	11.3	-3.4	296.5	304.6	2.8	33.0	2.1	126.
5.4	21.0	1665.3	823.0	8.6	-8.4	282.9	12.6	12.3	-2.8	297.2	304.2	2.4	28.9	2.4	123.
5.7	22.0	1765.0	823.0	8.3	-8.2	279.3	13.9	13.8	-2.3	297.9	305.1	2.5	30.1	2.6	121.
6.1	23.0	1876.2	812.0	8.3	0.5	275.0	16.2	16.1	-1.4	299.3	313.0	4.9	57.9	3.0	118.
6.4	24.0	1968.3	803.0	7.9	2.2	272.4	17.9	17.8	-0.7	300.0	315.6	5.6	67.3	3.2	116.
6.7	25.0	2082.2	792.0	7.7	3.9	270.4	19.5	19.5	-0.1	301.1	318.9	6.4	76.7	3.5	114.
7.2	26.0	2208.1	780.0	6.7	4.8	267.5	22.0	21.9	1.0	301.3	320.5	6.9	87.7	4.1	110.
7.5	27.0	2314.2	770.0	6.2	4.5	265.6	23.2	23.2	1.8	301.9	321.0	6.9	89.3	4.5	108.
7.8	28.0	2421.4	760.0	5.3	3.8	262.7	23.9	23.7	3.0	302.0	320.4	6.6	89.8	4.9	106.
8.2	29.0	2529.8	750.0	4.8	3.6	258.8	24.5	24.1	4.8	302.6	321.0	6.6	91.7	5.5	104.
8.5	30.0	2639.3	740.0	3.8	2.0	255.7	24.8	24.0	6.1	302.6	319.3	6.0	87.9	5.9	102.
8.9	31.0	2750.0	730.0	3.4	1.5	251.9	24.9	23.6	7.7	303.4	319.8	5.8	86.9	6.4	99.
9.2	32.0	2850.7	721.0	2.6	0.9	249.5	24.9	23.3	8.7	303.5	319.5	5.7	88.4	6.8	97.
9.5	33.0	2963.8	711.0	2.6	-0.3	247.1	24.9	23.0	9.7	304.7	319.7	5.3	81.4	7.2	96.
9.9	34.0	3078.4	701.0	1.6	-2.3	245.0	25.0	22.7	10.6	304.7	317.9	4.6	75.0	7.7	93.
10.2	35.0	3182.5	692.0	0.8	-3.6	243.9	25.0	22.5	11.0	304.9	317.1	4.2	72.3	8.1	92.
10.6	36.0	3323.1	680.0	0.5	-4.2	243.1	24.9	22.2	11.3	306.1	318.1	4.1	70.9	8.7	90.
11.0	37.0	3430.0	671.0	-0.2	-7.9	242.9	24.7	22.0	11.3	306.4	315.7	3.1	55.8	9.2	88.
11.4	38.0	3550.2	661.0	-0.6	-7.4	243.4	24.9	22.3	11.1	307.2	317.0	3.3	60.4	9.7	86.
11.7	39.0	3659.8	652.0	-1.1	-7.9	244.0	25.4	22.8	11.1	307.8	317.4	3.2	59.7	10.2	86.
12.1	40.0	3758.1	644.0	-2.2	-7.9	244.7	26.3	23.7	11.2	307.7	317.4	3.3	64.8	10.7	84.
12.6	41.0	3907.6	632.0	-2.5	-7.2	244.7	27.5	24.8	11.7	309.0	319.5	3.5	70.4	11.5	83.
12.9	42.0	4021.4	623.0	-3.1	-12.0	244.0	27.9	25.1	12.2	309.4	316.8	2.4	50.1	12.0	82.
13.3	43.0	4136.5	614.0	-3.8	-8.6	242.7	28.1	25.0	12.9	310.1	319.9	3.3	69.1	12.6	81.
13.7	44.0	4253.2	605.0	-4.2	-7.7	241.6	28.4	25.0	13.5	310.9	321.5	3.5	76.5	13.2	80.
14.0	45.0	4371.3	596.0	-4.8	-12.8	241.1	28.8	25.2	13.9	311.4	318.7	2.4	53.3	13.7	80.
14.3	46.0	4477.5	588.0	-5.4	-22.0	241.4	29.2	25.6	14.0	311.7	315.3	1.1	25.7	14.2	79.
14.7	47.0	4598.5	579.0	-5.7	-22.2	242.5	29.7	26.3	13.7	312.8	316.3	1.1	25.7	14.9	78.
15.1	48.0	4707.4	571.0	-6.5	-19.0	244.3	30.1	27.1	13.0	313.2	317.9	1.5	36.0	15.6	77.
15.5	49.0	4831.4	562.0	-7.4	-24.4	246.8	30.5	28.1	12.0	313.5	316.6	0.9	24.1	16.3	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
1500 GMT

154 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
15.9	50.0	4943.0	554.0	-8.0	-24.9	248.4	31.3	29.1	11.5	314.1	317.1	0.9	24.1	17.0	76.
16.4	51.0	5084.2	544.0	-9.3	-26.0	248.4	32.4	30.1	12.0	314.1	316.9	0.8	24.2	18.0	76.
16.9	52.0	5213.0	535.0	-9.9	-26.6	246.5	33.3	30.5	13.3	314.9	317.6	0.8	23.8	19.0	76.
17.2	53.0	5329.1	527.0	-10.7	-26.0	245.4	33.6	30.5	14.0	315.3	318.1	0.9	27.0	19.6	75.
17.7	54.0	5446.5	519.0	-11.9	-27.0	244.8	33.5	30.3	14.3	315.3	317.9	0.8	27.1	20.6	75.
18.1	55.0	5565.2	511.0	-12.8	-28.3	245.6	33.0	30.1	13.6	315.5	317.9	0.7	25.9	21.4	74.
18.6	56.0	5715.6	501.0	-14.0	-29.2	248.3	31.9	29.6	11.8	315.9	318.1	0.7	26.0	22.3	74.
18.9	57.0	5837.8	493.0	-14.4	-29.9	250.3	31.4	29.6	10.6	316.8	319.0	0.6	25.2	22.9	74.
19.3	58.0	5961.8	485.0	-14.7	-31.4	252.3	31.6	30.1	9.6	317.9	319.9	0.6	22.3	23.6	74.
19.7	59.0	6071.7	478.0	-15.6	-32.3	253.1	32.1	30.7	9.4	318.1	319.9	0.5	22.3	24.4	74.
20.0	60.0	6198.9	470.0	-16.0	-33.4	252.9	32.6	31.1	9.6	319.1	320.7	0.5	20.6	25.0	74.
20.4	61.0	6328.1	462.0	-16.9	-35.1	251.9	32.4	30.8	10.0	319.6	321.1	0.4	18.8	25.8	74.
20.9	62.0	6442.5	455.0	-17.7	-35.5	251.7	32.0	30.4	10.0	320.0	321.4	0.4	19.3	26.8	74.
21.2	63.0	6575.0	447.0	-18.9	-36.0	252.1	32.2	30.7	9.9	320.1	321.4	0.4	20.3	27.3	74.
21.7	64.0	6692.3	440.0	-20.0	-36.1	253.1	33.2	31.8	9.7	320.2	321.5	0.4	22.1	28.3	74.
22.0	65.0	6811.0	433.0	-20.9	-36.9	253.5	34.2	32.7	9.7	320.4	321.7	0.4	22.2	28.9	74.
22.6	66.0	7000.7	422.0	-22.1	-38.3	253.0	35.1	33.6	10.3	321.2	322.4	0.3	21.4	30.1	74.
22.9	67.0	7123.4	415.0	-23.5	-39.6	252.4	34.6	33.0	10.5	321.1	322.1	0.3	21.0	30.9	74.
23.3	68.0	7247.6	408.0	-24.1	-40.7	251.7	33.2	31.5	10.4	321.8	322.7	0.3	19.7	31.7	74.
23.7	69.0	7391.7	400.0	-25.3	-41.7	251.1	32.6	30.8	10.6	322.0	322.9	0.2	19.8	32.4	74.
24.3	70.0	7519.6	393.0	-26.7	-43.2	250.0	34.9	32.8	11.9	321.9	322.7	0.2	19.0	33.4	73.
24.8	71.0	7686.5	384.0	-27.8	-44.2	248.7	36.7	34.2	13.3	322.5	323.2	0.2	19.1	34.7	73.
25.2	72.0	7799.4	378.0	-29.0	-45.2	247.6	35.8	33.1	13.6	322.4	323.0	0.2	19.1	35.7	73.
25.7	73.0	7932.7	371.0	-30.1	-45.4	247.0	32.9	30.3	12.9	322.7	323.3	0.2	20.6	36.6	73.
26.1	74.0	8068.0	364.0	-31.5	-46.5	247.3	31.5	29.1	12.2	322.5	323.1	0.2	21.1	37.4	73.
26.5	75.0	8185.3	358.0	-32.7	-46.8	248.3	32.2	29.9	11.9	322.4	323.0	0.2	22.8	37.9	73.
26.8	76.0	8304.0	352.0	-33.9	-47.6	249.0	33.4	31.2	11.9	322.4	322.9	0.1	23.3	38.6	73.
27.2	77.0	8444.4	345.0	-35.3	-48.4	250.1	34.8	32.7	11.9	322.4	322.9	0.1	24.6	39.5	73.
27.7	78.0	8566.4	339.0	-36.3	-49.3	251.3	36.2	34.3	11.6	322.6	323.1	0.1	24.6	40.5	73.
28.1	79.0	8710.7	332.0	-37.6	-50.3	252.1	37.5	35.7	11.5	322.9	323.3	0.1	24.7	41.4	73.
29.5	80.0	8836.3	326.0	-38.6	-51.9	252.6	39.5	37.7	11.8	323.1	999.9	99.9	999.9	42.3	73.
29.0	81.0	9006.7	318.0	-39.3	-53.4	253.4	41.2	39.4	11.7	324.5	999.9	99.9	999.9	43.5	73.
29.4	82.0	9136.9	312.0	-40.4	-54.9	254.9	40.4	39.0	10.5	324.7	999.9	99.9	999.9	44.7	73.
29.8	83.0	9268.9	306.0	-41.7	-56.9	256.9	39.0	38.0	8.8	324.8	999.9	99.9	999.9	45.5	73.
30.2	84.0	9402.8	300.0	-42.8	-59.9	259.1	37.6	36.9	7.1	325.1	999.9	99.9	999.9	46.4	73.
30.7	85.0	9515.9	295.0	-44.1	-61.1	261.1	36.4	36.0	5.6	324.8	999.9	99.9	999.9	47.6	73.
31.2	86.0	9699.9	287.0	-45.3	-61.9	261.9	37.1	36.7	5.2	325.6	999.9	99.9	999.9	48.5	73.
31.7	87.0	9816.9	282.0	-46.3	-61.8	261.8	39.5	39.1	5.6	325.8	999.9	99.9	999.9	49.7	73.
32.1	88.0	9959.3	276.0	-47.8	-61.5	261.5	41.7	41.2	6.2	325.7	999.9	99.9	999.9	50.7	74.
32.5	89.0	10079.7	271.0	-48.7	-61.1	261.1	43.5	43.0	6.7	326.1	999.9	99.9	999.9	51.6	74.
32.9	90.0	10226.5	265.0	-49.9	-61.2	261.2	44.3	43.8	6.8	326.4	999.9	99.9	999.9	52.7	74.
33.3	91.0	10350.8	260.0	-51.1	-61.8	261.8	44.7	44.2	6.4	326.4	999.9	99.9	999.9	53.8	74.
33.7	92.0	10502.3	254.0	-51.9	-62.6	262.6	44.9	44.6	5.8	327.4	999.9	99.9	999.9	54.9	74.
34.2	93.0	10631.2	249.0	-51.9	-63.2	263.2	44.9	44.6	5.3	329.3	999.9	99.9	999.9	56.2	74.
34.7	94.0	10789.0	243.0	-52.7	-63.0	263.0	43.1	42.8	5.3	330.4	999.9	99.9	999.9	57.6	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
1500 GMT

154 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
35.0	95.0	10923.0	238.0	-53.5	99.9	262.5	40.8	40.5	5.3	331.2	999.9	99.9	999.9	58.5	75.
35.4	96.0	11087.4	232.0	-53.2	99.9	260.9	35.8	35.3	5.7	334.1	999.9	99.9	999.9	59.3	75.
35.8	97.0	11227.6	227.0	-54.0	99.9	259.4	31.9	31.2	6.4	335.0	999.9	99.9	999.9	60.1	75.
36.3	98.0	11370.1	222.0	-55.2	99.9	254.1	30.3	29.1	8.3	335.1	999.9	99.9	999.9	60.9	75.
36.7	99.0	11515.1	217.0	-56.6	99.9	249.6	31.3	29.3	10.9	335.3	999.9	99.9	999.9	61.6	75.
37.1	100.0	11632.8	213.0	-57.8	99.9	244.3	32.7	29.4	14.2	335.2	999.9	99.9	999.9	62.3	75.
37.4	101.0	11812.6	207.0	-59.0	99.9	239.3	32.5	27.9	16.6	336.1	999.9	99.9	999.9	63.1	75.
37.8	102.0	11965.7	202.0	-59.7	99.9	233.3	30.6	24.5	18.3	337.3	999.9	99.9	999.9	63.9	74.
38.2	103.0	12090.6	198.0	-60.2	99.9	229.8	29.1	22.2	19.7	338.4	999.9	99.9	999.9	64.4	74.
38.6	104.0	12249.7	193.0	-61.5	99.9	230.2	29.3	22.5	18.7	338.8	999.9	99.9	999.9	64.8	74.
39.0	105.0	12412.0	188.0	-62.6	99.9	233.4	32.4	26.0	19.3	339.6	999.9	99.9	999.9	65.6	74.
39.4	106.0	12544.8	184.0	-61.9	99.9	237.0	37.9	31.8	20.6	342.9	999.9	99.9	999.9	66.3	73.
39.9	107.0	12681.2	180.0	-60.8	99.9	241.1	45.8*	40.1	22.2	346.9	999.9	99.9	999.9	67.5	73.
40.4	108.0	12821.7	176.0	-58.6	99.9	242.1	51.3*	45.4	24.0	352.6	999.9	99.9	999.9	68.9	73.
40.8	109.0	12966.1	172.0	-58.8	99.9	239.7	50.8*	43.9	25.6	354.6	999.9	99.9	999.9	70.5	73.
41.3	110.0	13113.9	168.0	-58.8	99.9	235.6	48.6*	40.1	27.4	357.0	999.9	99.9	999.9	71.9	72.
41.8	111.0	13303.3	163.0	-59.5	99.9	234.5	51.3*	41.7	29.8	359.0	999.9	99.9	999.9	72.9	72.
42.3	112.0	13459.0	159.0	-59.0	99.9	236.0	58.8*	48.8	32.9	362.4	999.9	99.9	999.9	74.6	72.
42.8	113.0	13618.5	155.0	-59.7	99.9	237.0	63.3*	53.1	34.4	363.9	999.9	99.9	999.9	76.5	71.
43.3	114.0	13781.9	151.0	-60.0	99.9	237.9	60.7*	51.4	32.2	366.0	999.9	99.9	999.9	78.6	71.
43.8	115.0	13948.6	147.0	-62.2	99.9	240.0	55.5*	48.1	27.7	365.0	999.9	99.9	999.9	80.1	71.
44.3	116.0	14118.6	143.0	-63.4	99.9	242.2	51.7*	45.8	24.1	365.9	999.9	99.9	999.9	81.6	71.
44.8	117.0	14292.8	139.0	-63.7	99.9	242.4	47.0*	41.6	21.8	368.2	999.9	99.9	999.9	83.4	70.
45.3	118.0	14471.8	135.0	-63.9	99.9	241.5	41.7*	36.6	19.9	371.0	999.9	99.9	999.9	84.6	70.
45.9	119.0	14609.6	132.0	-63.7	99.9	243.3	43.0*	38.4	19.3	373.7	999.9	99.9	999.9	85.6	70.
46.4	120.0	14798.2	128.0	-64.1	99.9	246.5	49.7*	45.6	19.8	376.3	999.9	99.9	999.9	87.2	70.
47.0	121.0	14943.2	125.0	-64.5	99.9	249.0	55.0*	51.4	19.7	378.2	999.9	99.9	999.9	89.2	70.
47.6	122.0	15091.5	122.0	-65.1	99.9	249.9	56.2*	52.7	19.3	379.7	999.9	99.9	999.9	91.1	70.
48.2	123.0	15242.8	119.0	-66.1	99.9	250.0	52.6*	49.4	18.0	380.6	999.9	99.9	999.9	93.3	70.
48.7	124.0	15450.7	115.0	-65.1	99.9	250.1	45.2*	42.5	15.4	386.2	999.9	99.9	999.9	94.9	70.
49.2	125.0	15611.7	112.0	-65.3	99.9	250.8	38.0*	35.9	12.5	388.7	999.9	99.9	999.9	95.9	70.
49.8	126.0	15833.1	108.0	-65.3	99.9	253.6	34.1*	32.7	9.6	392.8	999.9	99.9	999.9	97.2	70.
50.3	127.0	16004.6	105.0	-65.1	99.9	256.6	35.0*	34.0	8.1	396.4	999.9	99.9	999.9	98.2	70.
50.9	128.0	16180.9	102.0	-65.9	99.9	257.8	39.8*	38.9	8.4	398.1	999.9	99.9	999.9	99.2	70.
51.6	129.0	16362.0	99.0	-66.3	99.9	256.0	44.9*	43.6	10.9	400.7	999.9	99.9	999.9	101.4	70.
52.2	130.0	16548.9	96.0	-65.1	99.9	253.9	43.5*	41.8	12.0	406.7	999.9	99.9	999.9	102.9	70.
52.9	131.0	16742.4	93.0	-65.1	99.9	254.0	36.4*	35.0	10.1	410.4	999.9	99.9	999.9	104.7	70.
53.6	132.0	16942.1	90.0	-65.3	99.9	255.5	32.4*	31.4	8.1	413.8	999.9	99.9	999.9	105.9	70.
54.1	133.0	17148.1	87.0	-66.1	99.9	254.8	32.3*	31.2	8.5	416.2	999.9	99.9	999.9	107.0	71.
54.7	134.0	17289.1	85.0	-66.3	99.9	251.1	32.8*	31.0	10.6	418.6	999.9	99.9	999.9	108.1	71.
55.2	135.0	17506.5	82.0	-66.7	99.9	248.2	33.0*	30.6	12.2	422.1	999.9	99.9	999.9	109.1	71.
55.9	136.0	17731.1	79.0	-68.2	99.9	248.4	31.7*	29.5	11.7	423.6	999.9	99.9	999.9	110.5	70.
56.7	137.0	17944.6	76.0	-66.1	99.9	250.4	31.6*	29.7	10.6	432.6	999.9	99.9	999.9	112.0	70.
57.4	138.0	18208.7	73.0	-66.3	99.9	252.3	32.8*	31.3	10.0	437.2	999.9	99.9	999.9	113.3	70.
58.2	139.0	18463.7	70.0	-65.1	99.9	256.7	34.6*	33.7	8.0	445.1	999.9	99.9	999.9	114.9	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
1500 GMT

154 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.9	140.0	18731.5	67.0	-63.7	99.9	258.0	32.0*	31.3	6.7	453.7	999.9	99.9	999.9	116.5	71.
59.6	141.0	19013.3	64.0	-62.6	99.9	254.2	24.3*	23.4	6.6	462.2	999.9	99.9	999.9	117.8	71.
60.4	142.0	19307.7	61.0	-64.9	99.9	243.3	28.9*	25.8	13.0	463.4	999.9	99.9	999.9	118.6	71.
61.2	143.0	19615.0	58.0	-65.3	99.9	243.0	34.5*	30.8	15.7	469.2	999.9	99.9	999.9	120.3	71.
62.1	144.0	19941.4	55.0	-61.5	99.9	248.6	30.8*	28.7	11.3	485.2	999.9	99.9	999.9	122.2	70.
63.0	145.0	20170.6	53.0	-62.2	99.9	253.3	27.3*	26.1	7.8	488.7	999.9	99.9	999.9	123.6	70.
63.8	146.0	20529.6	50.0	-63.4	99.9	263.1	19.5*	19.4	2.3	494.2	999.9	99.9	999.9	124.8	71.
64.8	147.0	20908.5	47.0	-64.9	99.9	277.8	10.5*	10.4	-1.4	499.3	999.9	99.9	999.9	125.6	71.
65.9	148.0	21176.8	45.0	-60.0	99.9	277.1	13.2*	13.1	-1.6	517.4	999.9	99.9	999.9	125.8	71.
66.8	149.0	21608.9	42.0	-58.6	99.9	280.7	16.4*	16.1	-3.0	531.2	999.9	99.9	999.9	127.0	71.
67.8	150.0	21914.8	40.0	-59.7	99.9	275.0	19.8*	19.7	-1.7	536.0	999.9	99.9	999.9	127.6	71.
68.9	151.0	22403.3	37.0	-59.8	99.9	266.5	27.5*	27.5	1.7	550.4	999.9	99.9	999.9	129.6	71.
70.0	152.0	22752.1	35.0	-59.0	99.9	253.2	15.6*	14.9	4.5	558.7	999.9	99.9	999.9	130.3	72.
71.2	153.0	23314.7	32.0	-58.6	99.9	247.8	19.0*	17.6	7.2	574.2	999.9	99.9	999.9	132.1	72.
72.4	154.0	23933.8	29.0	-58.3	99.9	253.7	14.3*	13.7	4.0	591.5	999.9	99.9	999.9	133.0	72.
73.8	155.0	24383.2	27.0	-58.6	99.9	262.0	21.1*	20.9	2.9	602.7	999.9	99.9	999.9	134.5	72.
75.3	156.0	25124.9	24.0	-57.8	99.9	271.2	23.6*	23.6	-0.5	625.9	999.9	99.9	999.9	136.8	72.
76.8	157.0	25673.4	22.0	-58.1	99.9	258.8	13.7	13.4	2.6	640.7	999.9	99.9	999.9	138.5	72.
78.8	158.0	26601.6	19.0	-55.9	99.9	999.9	99.9	99.9	99.9	674.9	999.9	99.9	999.9	999.9	999.

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
1800 GMT

160 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	1.0	1016.8	12.9	9.5	360.0	7.2	0.0	-7.2	285.7	304.6	7.4	80.0	0.0	0.
0.3	6.0	73.9	1008.0	11.4	7.5	4.3	8.7	-0.7	-8.7	284.8	301.5	6.5	76.7	0.4	177.
0.7	7.0	174.0	996.0	10.5	7.8	1.0	9.4	-0.2	-9.4	284.9	302.1	6.7	83.4	0.5	179.
1.1	8.0	258.1	986.0	9.6	7.7	355.6	10.8	0.8	-10.7	284.8	302.1	6.7	88.3	0.7	179.
1.4	9.0	351.2	975.0	8.7	7.3	351.8	11.4	1.6	-11.3	284.7	301.8	6.6	91.1	1.0	178.
1.8	10.0	445.0	964.0	7.6	6.5	349.4	11.8	2.2	-11.6	284.5	300.8	6.3	92.5	1.2	176.
2.3	11.0	557.1	951.0	7.3	6.4	340.7	11.8	3.9	-11.1	285.3	301.7	6.3	94.0	1.6	174.
2.6	12.0	652.9	940.0	6.9	5.8	330.9	11.5	5.6	-10.1	285.9	301.9	6.2	92.5	1.8	172.
2.9	13.0	741.1	930.0	8.1	3.0	315.9	10.9	7.6	-7.8	287.9	301.4	5.1	69.8	2.0	169.
3.2	14.0	839.5	919.0	8.3	-0.5	306.0	11.0	8.9	-6.5	288.9	299.7	4.0	53.7	2.1	166.
3.5	15.0	930.3	909.0	10.9	1.1	299.2	11.3	9.9	-5.5	292.5	304.9	4.6	50.9	2.3	162.
3.9	16.0	1050.3	896.0	10.1	-0.2	297.4	10.7	9.5	-4.9	292.9	304.5	4.2	48.7	2.5	158.
4.2	17.0	1152.9	885.0	9.4	-2.7	294.2	9.8	9.0	-4.0	293.1	302.9	3.5	42.4	2.6	155.
4.6	18.0	1247.2	875.0	9.4	-6.3	288.3	9.1	8.6	-2.9	293.9	301.6	2.7	32.2	2.8	152.
5.0	19.0	1352.0	864.0	9.2	-7.5	285.3	10.2	9.8	-2.7	294.8	301.9	2.5	29.7	2.9	149.
5.3	20.0	1438.7	855.0	8.9	-7.5	283.1	11.4	11.1	-2.6	295.3	302.5	2.5	30.6	3.1	146.
5.6	21.0	1565.3	842.0	8.1	-7.9	281.7	13.0	12.7	-2.6	295.8	303.0	2.5	31.0	3.2	144.
6.0	22.0	1663.8	832.0	7.8	-8.1	281.2	15.7	15.4	-3.0	296.4	303.6	2.5	31.4	3.5	140.
6.3	23.0	1773.4	821.0	7.3	-7.2	280.5	18.0	17.7	-3.3	297.0	304.8	2.7	34.9	3.7	137.
6.6	24.0	1874.1	811.0	6.6	-2.4	278.2	19.5	19.3	-2.8	297.5	308.6	4.0	52.8	4.0	134.
6.9	25.0	1975.9	801.0	6.0	-1.5	272.5	19.7	19.7	-0.9	298.0	310.0	4.3	58.4	4.3	131.
7.4	26.0	2099.6	789.0	5.5	-1.4	265.2	20.8	20.8	1.7	298.8	311.0	4.4	60.8	4.8	126.
7.8	27.0	2203.9	779.0	5.3	-1.6	260.7	21.9	21.6	3.5	299.7	312.0	4.4	60.8	5.2	122.
8.1	28.0	2309.5	769.0	4.7	-0.1	257.8	22.7	22.2	4.8	300.1	314.0	5.0	71.2	5.5	119.
8.6	29.0	2405.5	760.0	4.1	2.5	254.2	23.8	22.9	6.5	300.7	317.5	6.0	88.9	6.0	115.
8.9	30.0	2513.3	750.0	3.5	1.7	252.3	24.3	23.1	7.4	301.1	317.2	5.8	88.1	6.3	112.
9.3	31.0	2611.4	741.0	3.0	1.1	249.7	25.0	23.5	8.7	301.6	317.2	5.6	87.3	6.8	109.
9.6	32.0	2721.8	731.0	3.8	-0.7	247.8	25.7	23.8	9.7	303.6	317.7	5.0	72.1	7.1	106.
10.0	33.0	2822.4	722.0	3.0	-2.1	245.6	26.7	24.3	11.0	303.7	316.7	4.6	69.4	7.6	104.
10.3	34.0	2924.0	713.0	2.0	-2.4	244.7	27.2	24.6	11.6	303.7	316.6	4.5	72.8	8.0	101.
10.7	35.0	3038.0	703.0	1.3	-4.0	244.2	27.6	24.9	12.0	304.1	315.8	4.1	67.5	8.6	98.
11.2	36.0	3165.0	692.0	0.8	-4.8	245.0	27.9	25.3	11.8	304.9	316.1	3.9	66.0	9.2	95.
11.6	37.0	3270.1	683.0	0.4	-11.3	246.5	28.0	25.7	11.2	305.3	312.4	2.4	41.1	9.8	93.
12.0	38.0	3376.4	674.0	-0.3	-13.2	248.4	27.9	25.9	10.3	305.7	311.9	2.1	37.0	10.5	92.
12.4	39.0	3483.8	665.0	-1.2	-12.5	250.9	27.6	26.1	9.0	305.8	312.4	2.2	41.8	11.1	90.
12.8	40.0	3592.4	656.0	-1.6	-13.4	253.6	27.7	26.6	7.8	306.6	312.9	2.1	39.8	11.7	89.
13.2	41.0	3726.8	645.0	-2.6	-15.8	255.6	28.5	27.6	7.1	306.8	312.1	1.7	35.3	12.3	89.
13.6	42.0	3838.1	636.0	-3.4	-15.7	256.3	29.9	29.0	7.1	307.2	312.6	1.8	37.7	13.0	88.
14.0	43.0	3950.6	627.0	-4.3	-15.6	255.3	31.2	30.2	7.9	307.4	312.9	1.8	40.9	13.7	88.
14.3	44.0	4077.2	617.0	-4.9	-16.5	254.1	31.4	30.2	8.6	308.1	313.4	1.7	39.6	14.3	87.
14.7	45.0	4192.7	608.0	-5.2	-16.8	253.0	31.4	30.0	9.2	309.1	314.3	1.7	39.6	15.1	86.
15.2	46.0	4296.7	600.0	-5.7	-17.2	252.6	31.2	29.8	9.3	309.7	314.8	1.6	39.5	15.9	86.
15.5	47.0	4415.0	591.0	-6.6	-18.1	252.7	31.3	29.8	9.3	310.0	314.9	1.6	39.5	16.5	85.
15.9	48.0	4521.4	583.0	-7.2	-18.4	253.0	31.2	29.8	9.1	310.5	315.3	1.5	40.2	17.2	85.
16.2	49.0	4642.6	574.0	-7.5	-20.5	253.3	30.6	29.3	8.8	311.5	315.6	1.3	34.2	17.8	84.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
1800 GMT

160 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.6	50.0	4751.7	566.0	-8.2	-21.4	253.8	29.3	28.2	8.2	311.9	315.8	1.2	33.6	18.6	84.
17.1	51.0	4889.9	556.0	-9.4	-23.0	254.0	28.2	27.1	7.8	312.1	315.5	1.1	31.8	19.3	83.
17.4	52.0	5001.8	548.0	-10.1	-23.7	253.6	28.7	27.5	8.1	312.5	315.8	1.0	31.8	19.7	83.
17.8	53.0	5115.1	540.0	-10.4	-24.6	252.8	30.4	29.0	9.0	313.5	316.6	1.0	29.9	20.5	83.
18.2	54.0	5229.9	532.0	-10.8	-24.7	252.0	32.2	30.6	10.0	314.3	317.5	1.0	30.7	21.2	82.
18.6	55.0	5346.2	524.0	-11.5	-25.6	251.2	33.6	31.8	10.8	314.8	317.8	0.9	29.9	22.0	82.
19.1	56.0	5478.9	515.0	-12.2	-27.0	250.7	33.7	31.8	11.2	315.5	318.2	0.8	27.9	23.1	82.
19.4	57.0	5598.3	507.0	-13.4	-27.5	250.7	33.3	31.4	11.0	315.5	318.1	0.8	29.2	23.7	81.
19.9	58.0	5719.2	499.0	-14.1	-28.3	251.2	33.1	31.4	10.7	316.1	318.6	0.7	28.8	24.5	81.
20.3	59.0	5841.8	491.0	-14.6	-28.9	251.6	33.6	31.9	10.6	316.9	319.3	0.7	28.4	25.4	81.
20.7	60.0	5950.4	484.0	-15.5	-30.3	251.7	34.4	32.7	10.8	317.2	319.3	0.6	26.7	26.2	80.
21.1	61.0	6076.2	476.0	-15.9	-31.0	251.6	35.4	33.6	11.2	318.2	320.2	0.6	25.6	27.0	80.
21.5	62.0	6187.7	469.0	-16.6	-31.5	251.6	36.2	34.4	11.4	318.6	320.6	0.6	25.9	27.8	80.
22.0	63.0	6316.8	461.0	-17.7	-32.1	251.3	35.5	33.7	11.4	318.8	320.7	0.6	26.8	29.1	79.
22.4	64.0	6431.1	454.0	-18.7	-33.1	251.2	34.8	33.0	11.2	318.9	320.6	0.5	26.8	29.8	79.
23.0	65.0	6546.8	447.0	-19.1	-33.8	251.9	35.3	33.6	11.0	319.8	321.5	0.5	26.0	30.9	79.
23.5	66.0	6697.8	438.0	-20.2	-34.7	252.1	35.8	34.1	11.0	320.3	321.9	0.5	26.0	32.2	79.
23.9	67.0	6817.0	431.0	-21.3	-36.5	251.3	36.0	34.1	11.5	320.4	321.7	0.4	23.7	33.0	79.
24.3	68.0	6937.6	424.0	-22.0	-38.1	250.6	37.2	35.1	12.4	321.0	322.2	0.3	21.3	33.7	78.
24.8	69.0	7059.9	417.0	-23.0	-39.0	250.1	38.5	36.2	13.1	321.2	322.3	0.3	21.4	34.9	78.
25.2	70.0	7183.7	410.0	-24.0	-41.1	249.7	37.8	35.5	13.1	321.5	322.4	0.3	18.8	36.0	78.
25.7	71.0	7327.2	402.0	-25.2	-42.0	249.4	35.4	33.2	12.5	321.8	322.6	0.2	18.8	37.1	78.
26.2	72.0	7454.5	395.0	-26.2	-42.9	249.8	34.4	32.3	11.9	322.0	322.8	0.2	18.9	37.9	77.
26.6	73.0	7583.6	388.0	-27.4	-43.6	250.3	34.8	32.8	11.8	322.1	322.8	0.2	19.5	38.8	77.
27.0	74.0	7714.3	381.0	-28.5	-44.7	250.1	35.2	33.1	12.0	322.4	323.1	0.2	19.1	39.7	77.
27.3	75.0	7827.9	375.0	-29.4	-45.5	249.5	34.5	32.3	12.1	322.6	323.3	0.2	19.1	40.3	77.
27.7	76.0	7962.1	368.0	-30.5	-46.1	249.5	34.1	31.9	11.9	323.0	323.6	0.2	19.8	41.1	77.
28.1	77.0	8078.7	362.0	-31.6	-47.1	250.7	34.9	33.0	11.5	322.9	323.4	0.1	19.8	41.9	77.
28.6	78.0	8196.6	356.0	-33.1	-47.4	253.5	38.7	37.1	11.0	322.5	323.0	0.1	22.0	42.7	76.
29.1	79.0	8335.9	349.0	-34.3	-48.4	255.6	41.4	40.1	10.3	322.7	323.2	0.1	22.0	44.2	76.
29.3	80.0	8456.9	343.0	-35.6	-49.6	256.4	41.0	39.8	9.7	322.5	322.9	0.1	22.1	44.8	76.
29.8	81.0	8599.9	336.0	-37.1	-50.8	258.5	38.3	37.5	7.6	322.4	322.8	0.1	22.2	45.9	76.
30.2	82.0	8745.3	329.0	-37.8	-51.4	260.3	35.4	34.9	6.0	323.4	323.8	0.1	22.2	46.8	77.
30.6	83.0	8871.8	323.0	-39.0	-52.4	261.9	32.8	32.5	4.6	323.4	323.7	0.1	22.3	47.7	77.
31.0	84.0	9000.2	317.0	-40.0	-53.2	262.9	31.0	30.8	3.8	323.8	324.1	0.1	22.4	48.4	77.
31.5	85.0	9130.4	311.0	-41.1	-54.9	263.2	32.6	32.3	3.9	324.1	999.9	99.9	999.9	49.1	77.
32.1	86.0	9284.7	304.0	-42.3	-56.9	265.8	38.3*	38.2	2.8	324.5	999.9	99.9	999.9	50.5	77.
32.6	87.0	9419.1	298.0	-43.6	-59.9	268.9	42.5*	42.5	0.8	324.6	999.9	99.9	999.9	51.7	77.
33.0	88.0	9532.6	293.0	-44.7	-63.9	270.2	44.4*	44.4	-0.2	324.5	999.9	99.9	999.9	52.7	77.
33.4	89.0	9670.8	287.0	-45.7	-68.9	268.8	42.8*	42.8	0.9	325.0	999.9	99.9	999.9	53.9	78.
33.9	90.0	9811.2	281.0	-46.7	-74.9	267.4	37.9*	37.8	1.7	325.5	999.9	99.9	999.9	55.2	78.
34.4	91.0	9954.0	275.0	-47.8	-80.9	268.3	33.0*	33.0	1.0	326.1	999.9	99.9	999.9	56.1	78.
34.8	92.0	10075.0	270.0	-48.5	-87.9	269.7	32.2*	32.2	0.7	326.7	999.9	99.9	999.9	56.8	78.
35.2	93.0	10222.5	264.0	-49.7	-94.9	267.7	34.0*	34.0	1.4	327.1	999.9	99.9	999.9	57.5	78.
35.7	94.0	10347.3	259.0	-50.9	-101.9	265.3	37.7*	37.6	3.1	327.1	999.9	99.9	999.9	58.5	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
1800 GMT

160 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.1	95.0	10473.8	254.0	-52.1	99.9	263.9	39.9*	39.6	4.3	327.1	999.9	99.9	999.9	59.6	79.
36.7	96.0	10628.2	248.0	-53.2	99.9	262.9	42.4*	42.1	5.2	327.7	999.9	99.9	999.9	61.0	79.
37.2	97.0	10785.6	242.0	-54.2	99.9	263.3	46.5*	46.2	5.4	328.6	999.9	99.9	999.9	62.1	79.
37.6	98.0	10919.1	237.0	-55.3	99.9	263.9	43.3*	48.0	5.1	328.8	999.9	99.9	999.9	63.5	79.
38.1	99.0	11054.7	232.0	-56.8	99.9	263.7	44.3*	44.0	4.9	328.6	999.9	99.9	999.9	65.3	79.
38.6	100.0	11192.7	227.0	-57.2	99.9	261.0	39.5*	39.1	6.2	330.1	999.9	99.9	999.9	66.1	79.
39.1	101.0	11333.6	222.0	-57.0	99.9	257.2	35.0*	38.0	8.6	332.5	999.9	99.9	999.9	67.1	79.
39.4	102.0	11478.0	217.0	-56.7	99.9	254.8	38.4*	37.1	10.1	335.2	999.9	99.9	999.9	68.2	79.
39.9	103.0	11625.7	212.0	-57.0	99.9	248.7	34.6*	32.2	12.5	336.9	999.9	99.9	999.9	69.3	79.
40.4	104.0	11746.1	208.0	-57.7	99.9	240.5	31.9*	27.8	15.7	337.6	999.9	99.9	999.9	70.1	79.
40.8	105.0	11899.4	203.0	-58.5	99.9	236.2	32.5*	27.0	18.1	338.6	999.9	99.9	999.9	70.8	79.
41.3	106.0	12024.3	199.0	-59.2	99.9	235.8	35.7*	29.6	20.1	339.5	999.9	99.9	999.9	71.7	78.
41.7	107.0	12183.6	194.0	-59.6	99.9	237.9	39.3*	33.3	20.9	341.4	999.9	99.9	999.9	72.4	78.
42.2	108.0	12314.0	190.0	-59.4	99.9	239.9	43.1*	37.3	21.6	343.7	999.9	99.9	999.9	73.7	78.
42.6	109.0	12481.3	185.0	-58.5	99.9	239.3	44.7*	38.5	22.9	347.8	999.9	99.9	999.9	75.0	77.
43.0	110.0	12618.8	181.0	-58.4	99.9	236.8	46.6*	39.0	25.5	350.2	999.9	99.9	999.9	75.8	77.
43.6	111.0	12795.2	176.0	-57.8	99.9	235.8	53.3*	44.1	30.0	353.9	999.9	99.9	999.9	77.1	77.
44.1	112.0	12940.2	172.0	-58.0	99.9	236.8	55.3*	46.2	30.3	355.9	999.9	99.9	999.9	79.3	76.
44.5	113.0	13088.1	168.0	-58.9	99.9	237.4	53.1*	44.7	28.6	356.9	999.9	99.9	999.9	80.1	76.
45.0	114.0	13239.1	164.0	-59.8	99.9	237.6	50.8*	42.9	27.2	357.9	999.9	99.9	999.9	81.9	76.
45.4	115.0	13393.2	160.0	-60.3	99.9	239.4	51.5*	44.3	26.2	359.5	999.9	99.9	999.9	82.8	75.
46.0	116.0	13551.0	156.0	-60.6	99.9	243.4	52.2*	46.7	23.3	361.5	999.9	99.9	999.9	84.7	75.
46.5	117.0	13712.6	152.0	-60.8	99.9	245.0	50.1*	45.4	21.2	363.9	999.9	99.9	999.9	86.6	75.
47.1	118.0	13878.1	148.0	-61.6	99.9	245.4	49.0*	44.6	20.4	365.4	999.9	99.9	999.9	87.8	75.
47.6	119.0	14048.2	144.0	-61.0	99.9	246.4	51.8*	47.5	20.8	369.3	999.9	99.9	999.9	89.5	74.
48.1	120.0	14178.7	141.0	-62.1	99.9	247.4	54.0*	49.9	20.8	369.6	999.9	99.9	999.9	90.7	74.
48.7	121.0	14311.6	138.0	-62.1	99.9	249.5	50.0*	46.9	17.5	371.9	999.9	99.9	999.9	93.3	74.
49.2	122.0	14493.0	134.0	-63.1	99.9	252.1	46.7*	44.4	14.3	373.3	999.9	99.9	999.9	94.3	74.
49.7	123.0	14632.0	131.0	-64.0	99.9	253.2	45.5*	43.6	13.2	374.0	999.9	99.9	999.9	95.7	74.
50.2	124.0	14821.8	127.0	-64.4	99.9	251.7	42.4*	40.2	13.3	376.7	999.9	99.9	999.9	97.4	74.
50.7	125.0	14967.9	124.0	-64.8	99.9	248.3	38.9*	36.2	14.4	378.5	999.9	99.9	999.9	98.3	74.
51.4	126.0	15168.1	120.0	-64.6	99.9	246.9	44.0*	40.5	17.3	382.5	999.9	99.9	999.9	99.6	74.
51.9	127.0	15322.1	117.0	-66.2	99.9	250.3	51.5*	48.5	17.4	382.3	999.9	99.9	999.9	101.4	74.
52.4	128.0	15479.5	114.0	-66.4	99.9	254.2	58.1*	55.9	15.8	384.8	999.9	99.9	999.9	102.7	74.
52.9	129.0	15655.6	110.0	-66.8	99.9	256.9	61.1*	59.5	13.9	387.9	999.9	99.9	999.9	104.9	74.
53.4	130.0	15806.3	108.0	-67.4	99.9	258.6	59.3*	58.1	11.7	388.8	999.9	99.9	999.9	106.9	74.
54.1	131.0	16033.5	104.0	-67.9	99.9	259.1	53.7*	52.7	10.1	392.2	999.9	99.9	999.9	108.8	74.
54.6	132.0	16209.5	101.0	-67.9	99.9	253.7	47.8*	46.9	9.4	395.5	999.9	99.9	999.9	110.9	74.
55.2	133.0	16390.9	98.0	-67.7	99.9	259.8	42.8*	42.1	7.6	399.3	999.9	99.9	999.9	112.1	74.
55.8	134.0	16578.7	95.0	-66.2	99.9	259.0	46.4*	45.6	8.9	405.7	999.9	99.9	999.9	113.4	74.
56.3	135.0	16773.3	92.0	-66.0	99.9	257.1	48.3*	47.1	10.8	409.9	999.9	99.9	999.9	115.3	74.
57.1	136.0	16974.3	89.0	-66.4	99.9	254.2	39.8*	38.3	10.8	413.0	999.9	99.9	999.9	117.3	74.
57.6	137.0	17182.2	86.0	-66.0	99.9	248.9	33.3*	31.1	12.0	417.9	999.9	99.9	999.9	118.5	74.
58.2	138.0	17397.0	83.0	-67.2	99.9	245.8	32.8*	29.9	13.4	419.6	999.9	99.9	999.9	119.5	74.
58.8	139.0	17694.1	79.0	-68.3	99.9	250.7	39.3*	37.1	13.0	423.4	999.9	99.9	999.9	120.4	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
1800 GMT

160 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
59.4	140.0	17926.8	76.0	-67.7	99.9	255.0	35.1*	33.9	9.1	429.4	999.9	99.9	999.9	123.0	74.
60.3	141.0	18169.6	73.0	-67.0	99.9	259.8	16.7*	16.4	2.9	435.8	999.9	99.9	999.9	123.6	74.
61.0	142.0	18423.4	70.0	-66.2	99.9	253.5	19.9*	19.1	5.6	442.8	999.9	99.9	999.9	123.7	74.
61.7	143.0	18690.3	67.0	-64.2	99.9	245.7	14.4*	13.2	5.9	452.7	999.9	99.9	999.9	125.5	74.
62.3	144.0	18971.9	64.0	-62.3	99.9	208.6	7.3*	3.5	6.4	462.8	999.9	99.9	999.9	125.3	74.
63.2	145.0	19167.5	62.0	-63.4	99.9	228.4	18.8*	14.1	12.5	464.5	999.9	99.9	999.9	125.7	74.
64.1	146.0	19471.1	59.0	-64.8	99.9	235.0	21.3*	17.4	12.2	468.1	999.9	99.9	999.9	127.1	74.
65.0	147.0	19790.4	56.0	-63.8	99.9	249.7	36.9*	34.6	12.8	477.4	999.9	99.9	999.9	128.0	74.
65.8	148.0	20129.4	53.0	-62.1	99.9	253.1	39.9*	38.2	11.6	488.9	999.9	99.9	999.9	130.8	74.
66.6	149.0	20367.5	51.0	-61.4	99.9	261.6	25.7*	25.4	3.8	496.1	999.9	99.9	999.9	131.6	74.
67.3	150.0	20742.1	48.0	-63.1	99.9	275.1	21.4*	21.3	-1.9	500.7	999.9	99.9	999.9	132.8	74.
68.2	151.0	21139.5	45.0	-62.9	99.9	314.9	10.8*	7.7	-7.6	510.5	999.9	99.9	999.9	134.0	74.
69.3	152.0	21419.5	43.0	-62.9	99.9	297.2	7.3*	6.5	-3.3	517.2	999.9	99.9	999.9	133.6	74.
70.2	153.0	21865.8	40.0	-62.1	99.9	262.1	10.9*	10.8	1.5	529.9	999.9	99.9	999.9	134.0	74.
71.2	154.0	22184.8	38.0	-59.6	99.9	255.8	30.0*	29.0	7.4	544.2	999.9	99.9	999.9	135.2	74.
72.4	155.0	22700.1	35.0	-58.9	99.9	249.4	24.7*	23.1	8.7	559.0	999.9	99.9	999.9	138.0	74.
73.6	156.0	23067.7	33.0	-60.8	99.9	235.7	10.7*	8.8	6.0	563.3	999.9	99.9	999.9	139.4	74.
74.6	157.0	23661.2	30.0	-60.3	99.9	251.8	15.4*	14.7	4.8	580.3	999.9	99.9	999.9	140.2	74.
75.8	158.0	24091.9	28.0	-59.8	99.9	256.2	15.0*	14.6	3.6	593.4	999.9	99.9	999.9	140.3	74.
77.2	159.0	24801.8	25.0	-58.9	99.9	248.8	33.7*	31.4	12.2	615.4	999.9	99.9	999.9	142.6	74.
78.7	160.0	25326.8	23.0	-57.5	99.9	257.1	31.7*	30.9	7.1	634.3	999.9	99.9	999.9	145.6	74.
80.2	161.0	26210.4	20.0	-57.2	99.9	259.9	32.5*	32.0	5.7	661.2	999.9	99.9	999.9	148.7	74.
81.8	162.0	26881.8	18.0	-54.0	99.9	254.3	23.6*	22.7	6.4	691.3	999.9	99.9	999.9	151.6	74.
83.8	163.0	28056.6	15.0	-52.3	99.9	264.5	20.9*	20.8	2.0	734.1	999.9	99.9	999.9	154.6	74.
86.1	164.0	28982.7	13.0	-52.1	99.9	999.9	99.9	99.9	99.9	765.3	999.9	99.9	999.9	999.9	999.

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
2100 GMT

158 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P1 DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	1.0	1015.5	15.6	8.4	330.0	5.1	2.6	-4.4	288.4	306.2	6.8	62.0	0.0	0.
0.4	6.0	88.9	1005.0	13.3	6.0	343.3	10.3	2.9	-9.8	286.8	302.0	5.9	61.2	0.3	155.
0.6	7.0	189.8	993.0	12.3	5.6	343.4	10.4	3.0	-10.0	286.8	301.9	5.8	63.7	0.4	157.
1.0	8.0	283.2	982.0	11.5	5.4	343.7	11.1	3.1	-10.6	286.9	302.0	5.8	66.1	0.6	159.
1.3	9.0	377.3	971.0	10.6	5.6	343.1	10.8	3.1	-10.3	286.9	302.4	5.9	71.3	0.8	161.
1.6	10.0	472.1	960.0	9.5	5.3	341.7	10.6	3.3	-10.1	286.7	302.0	5.9	75.3	1.0	161.
2.1	11.0	585.3	947.0	8.7	5.6	335.1	11.0	4.6	-10.0	287.1	302.9	6.0	80.5	1.3	161.
2.4	12.0	681.9	936.0	7.8	0.7	328.6	12.0	6.3	-10.3	286.9	298.4	4.3	60.6	1.5	160.
2.7	13.0	779.6	925.0	9.3	-5.6	321.7	12.4	7.7	-9.7	289.2	296.7	2.7	34.4	1.8	158.
3.1	14.0	879.0	914.0	10.4	-3.8	313.8	12.6	9.1	-8.7	291.4	300.1	3.1	36.4	2.0	155.
3.4	15.0	970.4	904.0	9.5	-4.9	312.2	13.3	9.8	-8.9	291.3	299.5	2.9	35.7	2.2	152.
3.8	16.0	1090.3	891.0	8.7	-5.8	307.9	13.9	11.0	-8.6	291.7	299.5	2.8	35.1	2.6	150.
4.1	17.0	1202.3	879.0	7.8	-6.5	303.7	14.2	11.8	-7.9	291.9	299.4	2.7	35.4	2.8	148.
4.5	18.0	1296.6	869.0	7.5	-7.3	296.1	14.0	12.6	-6.2	292.5	299.6	2.5	34.1	3.1	145.
4.8	19.0	1391.8	859.0	7.0	-8.7	293.5	14.2	13.0	-5.7	292.8	299.4	2.3	31.6	3.3	143.
5.1	20.0	1487.9	849.0	6.8	-9.8	290.1	14.7	13.8	-5.1	293.6	299.7	2.1	29.4	3.5	141.
5.5	21.0	1614.5	836.0	6.4	-11.0	283.9	16.1	15.6	-5.9	294.5	300.2	2.0	27.4	3.8	138.
5.8	22.0	1713.1	826.0	5.9	-9.8	281.3	18.1	17.7	-5.6	295.0	301.3	2.2	31.3	4.1	135.
6.2	23.0	1812.8	816.0	5.6	-3.2	280.6	20.3	20.0	-3.7	295.9	306.2	3.7	53.2	4.5	132.
6.5	24.0	1923.7	805.0	4.7	3.3	281.4	21.7	21.3	-4.3	296.4	312.9	6.1	90.9	4.8	129.
6.7	25.0	2025.7	795.0	4.2	0.7	278.4	21.6	21.3	-3.2	296.8	310.7	5.1	77.9	5.1	128.
7.2	26.0	2149.7	783.0	4.5	-1.2	271.2	22.1	22.0	-0.5	298.4	310.9	4.5	66.2	5.6	125.
7.6	27.0	2254.5	773.0	4.3	-1.8	266.3	23.5	23.4	1.5	299.3	311.5	4.4	64.3	6.0	122.
7.8	28.0	2360.6	763.0	4.2	-0.4	264.1	24.4	24.3	2.5	300.3	314.0	4.9	72.2	6.3	120.
8.2	29.0	2457.2	754.0	3.8	-1.1	260.5	25.9	25.6	4.3	300.9	314.1	4.7	70.3	6.8	117.
8.5	30.0	2565.7	744.0	3.3	-3.5	258.2	26.9	26.3	5.5	301.4	312.8	4.0	61.0	7.1	114.
8.8	31.0	2675.5	734.0	3.3	-6.8	256.6	27.0	26.3	6.3	302.4	311.6	3.1	47.4	7.6	112.
9.2	32.0	2786.7	724.0	3.2	-12.6	255.2	26.8	25.9	6.9	303.3	309.3	2.0	30.2	8.1	109.
9.5	33.0	2888.1	715.0	3.0	-14.1	254.7	26.5	25.6	7.0	304.2	309.6	1.8	27.0	8.5	107.
9.8	34.0	2990.5	706.0	2.3	-14.5	255.4	26.5	25.7	6.7	304.5	309.9	1.8	27.5	8.9	106.
10.2	35.0	3105.6	696.0	1.8	-12.4	256.8	27.0	26.3	6.2	305.3	311.6	2.1	33.7	9.4	104.
10.6	36.0	3233.9	685.0	0.8	-12.3	258.2	27.9	27.4	5.7	305.6	312.1	2.2	36.5	10.0	102.
10.9	37.0	3340.1	676.0	0.2	-10.9	258.8	28.8	28.2	5.6	306.0	313.4	2.5	43.1	10.5	101.
11.3	38.0	3447.3	667.0	-0.8	-11.4	258.6	29.2	28.6	5.8	306.1	313.3	2.4	44.3	11.2	100.
11.6	39.0	3555.7	658.0	-1.4	-14.0	258.2	29.2	28.6	6.0	306.5	312.5	2.0	37.6	11.7	99.
12.0	40.0	3677.6	648.0	-2.2	-12.8	257.5	28.8	28.2	6.2	307.0	313.7	2.2	44.0	12.4	98.
12.5	41.0	3813.5	637.0	-3.0	-12.0	258.3	29.2	28.6	5.9	307.6	314.3	2.2	46.0	13.1	96.
12.8	42.0	3926.1	628.0	-3.7	-13.2	259.6	30.3	29.8	5.5	308.0	314.7	2.2	47.6	13.6	96.
13.2	43.0	4027.2	620.0	-4.7	-13.2	260.9	32.2	31.8	5.1	308.1	314.8	2.2	51.2	14.3	95.
13.6	44.0	4142.2	611.0	-5.4	-13.8	261.3	34.4	34.0	5.2	308.5	315.0	2.2	51.6	15.1	94.
13.9	45.0	4245.6	603.0	-5.6	-14.9	260.5	35.9	35.4	5.9	309.4	315.6	2.0	47.7	15.7	94.
14.3	46.0	4363.6	594.0	-5.7	-16.7	258.9	36.8	36.1	7.1	310.6	316.0	1.7	41.4	16.6	93.
14.6	47.0	4469.8	586.0	-6.3	-18.1	257.6	36.8	35.9	7.9	311.1	316.0	1.6	38.5	17.3	92.
14.9	48.0	4590.8	577.0	-6.8	-22.0	256.4	35.8	34.8	6.4	311.8	315.5	1.1	28.5	18.0	92.
15.3	49.0	4699.6	569.0	-7.7	-22.6	255.3	34.1	33.0	6.7	312.0	315.5	1.1	28.9	18.8	91.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
2100 GMT

158 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW Pt DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.7	50.0	4823.4	560.0	-8.7	-22.2	254.5	32.9	31.7	8.8	312.3	315.9	1.1	32.3	19.5	90.
16.1	51.0	4962.7	550.0	-10.0	-22.9	253.9	32.5	31.2	9.0	312.3	315.9	1.1	33.9	20.2	90.
16.5	52.0	5075.5	542.0	-11.0	-22.2	253.3	32.7	31.3	9.4	312.4	316.2	1.2	39.0	21.0	89.
16.8	53.0	5189.7	534.0	-11.6	-21.7	252.9	33.0	31.5	9.7	313.1	317.1	1.3	42.7	21.5	89.
17.1	54.0	5305.2	526.0	-12.6	-23.4	252.8	33.2	31.7	9.8	313.2	316.8	1.1	39.6	22.1	88.
17.5	55.0	5422.1	518.0	-13.1	-24.0	253.4	33.3	31.9	9.5	313.9	317.3	1.1	39.4	22.9	88.
17.9	56.0	5570.3	508.0	-14.3	-25.1	255.2	33.4	32.3	8.5	314.3	317.5	1.0	39.1	23.6	87.
18.3	57.0	5690.6	500.0	-15.1	-26.5	256.8	33.9	33.0	7.8	314.7	317.6	0.9	36.9	24.4	87.
18.7	58.0	5797.1	493.0	-15.8	-27.2	257.8	34.6	33.8	7.3	315.1	317.9	0.8	36.6	25.2	87.
19.1	59.0	5920.5	485.0	-15.6	-29.2	258.0	35.2	34.5	7.3	316.7	319.1	0.7	30.1	26.1	86.
19.5	60.0	6045.9	477.0	-16.1	-32.4	257.5	35.8	35.0	7.7	317.7	319.5	0.5	22.8	27.0	86.
19.8	61.0	6157.2	470.0	-16.2	-35.9	256.6	36.5	35.5	8.5	318.9	320.2	0.4	16.2	27.6	86.
20.2	62.0	6286.3	462.0	-16.7	-37.0	255.3	37.6	36.3	9.5	319.8	321.0	0.3	15.3	28.4	86.
20.6	63.0	6400.8	455.0	-17.6	-38.0	254.3	38.5	37.1	10.4	320.1	321.2	0.3	14.8	29.3	85.
21.0	64.0	6516.7	448.0	-18.5	-38.7	253.6	39.9	37.3	11.0	320.3	321.4	0.3	14.9	30.3	85.
21.4	65.0	6634.0	441.0	-19.3	-39.7	252.7	38.5	36.7	11.4	320.8	321.7	0.3	14.4	31.2	85.
21.9	66.0	6786.9	432.0	-20.7	-41.1	251.0	37.9	35.8	12.3	320.9	321.8	0.2	14.0	32.3	84.
22.3	67.0	6907.4	425.0	-21.9	-42.0	249.7	37.4	35.1	13.0	320.9	321.7	0.2	14.1	33.2	84.
22.7	68.0	7029.4	418.0	-22.9	-42.1	249.1	37.2	34.8	13.2	321.1	321.9	0.2	15.2	34.1	83.
23.1	69.0	7170.8	410.0	-23.9	-43.5	249.8	37.6	35.3	13.0	321.6	322.3	0.2	14.3	34.8	83.
23.5	70.0	7278.3	404.0	-24.8	-44.0	251.4	39.2	37.1	12.5	321.8	322.4	0.2	13.8	35.9	83.
24.1	71.0	7423.3	396.0	-26.4	-46.1	252.5	41.5	39.6	12.5	321.6	322.1	0.1	13.4	37.1	82.
24.3	72.0	7552.0	389.0	-27.2	-46.4	252.1	41.2	39.2	12.7	322.2	322.7	0.1	14.0	37.8	82.
24.8	73.0	7682.6	382.0	-28.2	-46.6	250.6	38.6	36.4	12.8	322.5	323.0	0.1	15.2	39.1	82.
25.2	74.0	7795.9	376.0	-29.3	-46.3	249.5	36.3	34.0	12.7	322.5	323.1	0.2	17.3	39.9	82.
25.5	75.0	7929.8	369.0	-30.6	-46.7	249.1	35.3	33.0	12.6	322.5	323.1	0.2	18.8	40.4	81.
25.9	76.0	8065.5	362.0	-31.9	-47.1	250.8	37.0	34.9	12.1	322.5	323.1	0.1	20.2	41.1	81.
26.3	77.0	8183.4	356.0	-33.1	-47.5	253.4	39.5	37.8	11.3	322.5	323.0	0.1	20.8	42.2	81.
26.7	78.0	8302.6	350.0	-34.3	-48.7	256.0	42.4	41.1	10.2	322.5	322.9	0.1	21.3	43.1	81.
27.1	79.0	8443.7	343.0	-35.2	-49.7	258.4	44.8	43.9	9.1	323.1	323.5	0.1	20.9	44.0	81.
27.4	80.0	8566.4	337.0	-36.1	-50.6	259.5	45.6	44.9	8.3	323.4	323.8	0.1	20.5	45.1	81.
27.9	81.0	8732.7	329.0	-37.7	-52.3	260.5	42.8	42.2	7.1	323.4	323.8	0.1	19.7	46.5	81.
28.3	82.0	8859.3	323.0	-38.9	-53.4	261.0	37.6	37.1	5.9	323.5	323.8	0.1	19.8	47.5	81.
28.7	83.0	8987.6	317.0	-40.0	99.9	261.6	31.9	31.6	4.7	323.8	999.9	99.9	999.9	48.3	81.
29.1	84.0	9095.9	312.0	-41.3	99.9	262.4	27.6	27.3	3.6	323.6	999.9	99.9	999.9	49.0	81.
29.5	85.0	9227.4	306.0	-42.5	99.9	263.7	26.2	26.0	2.9	323.6	999.9	99.9	999.9	49.6	81.
30.0	86.0	9383.4	299.0	-43.6	99.9	265.3	32.0	31.9	2.6	324.2	999.9	99.9	999.9	50.0	81.
30.4	87.0	9519.3	293.0	-45.0	99.9	265.7	40.0*	39.9	3.0	324.1	999.9	99.9	999.9	51.1	81.
30.8	88.0	9657.2	287.0	-46.0	99.9	266.0	46.2*	46.0	3.2	324.6	999.9	99.9	999.9	52.1	81.
31.2	89.0	9774.0	282.0	-46.9	99.9	266.4	48.9*	48.8	3.1	325.0	999.9	99.9	999.9	53.4	81.
31.6	90.0	9892.3	277.0	-47.9	99.9	266.7	47.6*	47.6	2.7	325.2	999.9	99.9	999.9	54.8	81.
32.1	91.0	10036.4	271.0	-48.9	99.9	266.6	41.7*	41.7	2.5	325.8	999.9	99.9	999.9	56.1	81.
32.6	92.0	10158.6	266.0	-49.6	99.9	265.6	35.3*	35.2	2.7	326.4	999.9	99.9	999.9	57.2	81.
33.0	93.0	10282.4	261.0	-51.0	99.9	264.9	31.4*	31.3	2.8	326.2	999.9	99.9	999.9	57.9	81.
33.4	94.0	10433.4	255.0	-52.0	99.9	264.8	30.0*	29.9	2.7	326.8	999.9	99.9	999.9	58.7	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
2100 GMT

158 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.9	95.0	10561.3	250.0	-53.1	99.9	264.6	32.7*	32.5	3.1	327.1	999.9	99.9	999.9	59.5	82.
34.4	96.0	10717.4	244.0	-54.5	99.9	263.8	41.0*	40.8	4.4	327.3	999.9	99.9	999.9	60.3	82.
34.8	97.0	10876.4	238.0	-55.8	99.9	262.6	47.4*	47.0	6.1	327.7	999.9	99.9	999.9	61.5	82.
35.2	98.0	11011.2	233.0	-56.8	99.9	260.6	49.1*	48.5	8.0	328.2	999.9	99.9	999.9	62.9	82.
35.6	99.0	11121.2	229.0	-55.8	99.9	257.1	45.9*	44.7	10.3	331.3	999.9	99.9	999.9	64.4	82.
36.0	100.0	11261.8	224.0	-55.5	99.9	251.1	39.9*	37.7	12.9	333.9	999.9	99.9	999.9	65.2	82.
36.5	101.0	11434.5	218.0	-56.5	99.9	242.7	38.2*	34.0	17.5	335.0	999.9	99.9	999.9	66.1	81.
36.9	102.0	11581.5	213.0	-57.3	99.9	238.7	41.8*	35.7	21.8	335.9	999.9	99.9	999.9	66.9	81.
37.3	103.0	11701.2	209.0	-57.8	99.9	237.1	46.5*	39.1	25.3	337.0	999.9	99.9	999.9	68.0	81.
37.8	104.0	11853.9	204.0	-58.0	99.9	237.6	51.4*	43.4	27.6	339.0	999.9	99.9	999.9	69.2	80.
38.2	105.0	11978.3	200.0	-59.2	99.9	238.5	51.4*	43.8	28.9	339.1	999.9	99.9	999.9	70.5	80.
38.6	106.0	12137.2	195.0	-58.7	99.9	239.3	46.8*	40.3	22.9	342.4	999.9	99.9	999.9	72.2	79.
39.1	107.0	12267.5	191.0	-58.5	99.9	240.9	37.4*	32.6	18.2	344.7	999.9	99.9	999.9	73.0	79.
39.6	108.0	12400.4	187.0	-58.8	99.9	245.2	33.5*	30.4	14.0	346.2	999.9	99.9	999.9	73.8	79.
40.0	109.0	12536.1	183.0	-59.0	99.9	248.5	36.7*	34.1	13.5	348.1	999.9	99.9	999.9	74.5	79.
40.5	110.0	12709.9	178.0	-59.0	99.9	248.1	45.6*	42.3	17.0	350.8	999.9	99.9	999.9	75.5	79.
41.0	111.0	12888.5	173.0	-59.3	99.9	245.8	51.0*	46.5	20.9	353.1	999.9	99.9	999.9	77.4	78.
41.5	112.0	13034.8	169.0	-59.9	99.9	244.3	50.1*	45.1	21.7	354.6	999.9	99.9	999.9	79.0	78.
41.9	113.0	13184.6	165.0	-59.3	99.9	244.9	47.8*	43.3	20.3	358.0	999.9	99.9	999.9	79.8	78.
42.4	114.0	13338.2	161.0	-59.7	99.9	247.2	46.4*	42.8	18.0	359.9	999.9	99.9	999.9	81.4	78.
42.8	115.0	13455.7	158.0	-59.9	99.9	250.0	46.2*	43.4	15.8	361.5	999.9	99.9	999.9	82.3	77.
43.4	116.0	13657.0	153.0	-59.0	99.9	254.4	46.9*	45.1	12.6	366.4	999.9	99.9	999.9	84.2	77.
43.9	117.0	13823.1	149.0	-59.3	99.9	255.9	49.4*	48.0	12.0	368.6	999.9	99.9	999.9	85.4	77.
44.5	118.0	13993.1	145.0	-60.4	99.9	255.4	56.2*	54.4	14.2	369.6	999.9	99.9	999.9	87.3	77.
45.0	119.0	14123.1	142.0	-61.1	99.9	254.4	65.1*	62.7	17.5	370.6	999.9	99.9	999.9	89.1	77.
45.6	120.0	14300.6	138.0	-61.1	99.9	253.8	70.4*	67.6	15.6	373.6	999.9	99.9	999.9	91.5	77.
46.1	121.0	14437.0	135.0	-61.5	99.9	253.3	60.5*	58.0	17.4	375.3	999.9	99.9	999.9	94.2	77.
46.6	122.0	14623.1	131.0	-62.4	99.9	250.2	40.8*	38.4	13.8	377.0	999.9	99.9	999.9	95.9	77.
47.1	123.0	14766.0	128.0	-62.7	99.9	242.2	28.6*	25.3	13.3	378.8	999.9	99.9	999.9	96.0	77.
47.6	124.0	14912.0	125.0	-63.1	99.9	238.8	29.1*	24.9	15.1	380.7	999.9	99.9	999.9	96.9	77.
48.1	125.0	15061.0	122.0	-64.4	99.9	241.8	33.1*	29.2	15.6	380.9	999.9	99.9	999.9	97.8	77.
48.7	126.0	15264.2	118.0	-65.6	99.9	247.9	37.4*	34.7	14.1	382.4	999.9	99.9	999.9	99.1	76.
49.3	127.0	15473.3	114.0	-66.8	99.9	253.6	43.3*	41.5	17.2	384.0	999.9	99.9	999.9	100.4	76.
49.8	128.0	15634.1	111.0	-67.8	99.9	256.5	47.2*	45.9	17.0	385.0	999.9	99.9	999.9	102.0	76.
50.4	129.0	15758.7	108.0	-68.3	99.9	258.4	48.7*	47.7	9.8	397.2	999.9	99.9	999.9	103.5	76.
51.0	130.0	15967.7	105.0	-68.3	99.9	258.7	48.7*	47.8	9.5	390.4	999.9	99.9	999.9	105.7	76.
51.8	131.0	16200.8	101.0	-68.3	99.9	257.1	48.9*	47.7	10.9	394.7	999.9	99.9	999.9	107.8	76.
52.4	132.0	16321.0	99.0	-67.8	99.9	256.5	50.6*	49.2	11.8	397.8	999.9	99.9	999.9	109.3	76.
52.9	133.0	16505.9	96.0	-68.3	99.9	256.5	50.3*	48.9	11.7	400.5	999.9	99.9	999.9	111.3	76.
53.5	134.0	16695.9	93.0	-69.3	99.9	256.5	45.5*	44.2	10.6	402.1	999.9	99.9	999.9	112.8	76.
53.9	135.0	16891.7	90.0	-69.3	99.9	256.5	41.0*	39.9	5.6	405.9	999.9	99.9	999.9	114.0	76.
54.7	136.0	17163.0	86.0	-69.5	99.9	257.4	37.3*	36.4	8.2	410.7	999.9	99.9	999.9	115.7	76.
55.5	137.0	17374.5	83.0	-70.0	99.9	259.2	45.1*	45.0	8.5	414.0	999.9	99.9	999.9	117.1	76.
56.2	138.0	17594.4	80.0	-68.5	99.9	258.8	45.6*	44.7	8.8	421.5	999.9	99.9	999.9	119.9	77.
56.9	139.0	17824.1	77.0	-67.4	99.9	258.7	40.1*	39.3	7.8	428.3	999.9	99.9	999.9	121.3	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
2100 GMT

158 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW Pt DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PNT T DG K	E PNT T DG K	MX PTO GM/KG	PH PCT	RANGE KM	AZ DG
57.5	140.0	18064.0	74.0	-66.8	99.0	261.6	38.9*	38.5	5.7	434.5	999.9	99.9	999.9	122.8	77.
58.2	141.0	18314.2	71.0	-66.6	99.0	262.1	37.1*	36.7	5.1	440.1	999.9	99.9	999.9	124.4	77.
59.0	142.0	18575.4	68.0	-66.6	99.9	255.2	35.7*	34.5	5.1	445.6	999.9	99.9	999.9	126.1	77.
59.8	143.0	18848.8	65.0	-66.0	99.9	254.2	35.4*	34.0	5.6	452.7	999.9	99.9	999.9	127.8	77.
60.6	144.0	19136.2	62.0	-65.0	99.9	255.6	31.2*	30.3	7.8	461.0	999.9	99.9	999.9	129.6	77.
61.5	145.0	19337.0	60.0	-63.1	99.9	250.7	23.0*	21.7	7.6	469.6	999.9	99.9	999.9	130.9	77.
62.3	146.0	19652.3	57.0	-63.5	99.0	134.1	2.1*	-1.5	1.5	475.7	999.9	99.9	999.9	132.0	77.
63.1	147.0	19983.6	54.0	-64.4	99.0	207.7	2.2*	1.0	1.9	480.9	999.9	99.9	999.9	130.5	77.
64.0	148.0	20214.3	52.0	-64.4	99.0	252.5	31.1*	29.7	5.4	486.2	999.9	99.9	999.9	132.0	76.
64.9	149.0	20580.0	49.0	-61.6	99.9	257.9	32.4*	31.7	0.8	501.1	999.9	99.9	999.9	134.1	76.
65.9	150.0	20838.6	47.0	-60.9	99.9	260.2	19.5*	19.2	7.3	508.8	999.9	99.9	999.9	135.8	77.
66.9	151.0	21248.3	44.0	-61.3	99.9	275.5	18.0*	17.9	-1.7	517.7	999.9	99.9	999.9	136.8	77.
67.9	152.0	21686.9	41.0	-60.9	99.9	253.9	7.1*	6.8	2.0	529.1	999.9	99.9	999.9	137.9	77.
68.8	153.0	21997.1	39.0	-61.8	99.9	252.0	23.1*	22.0	7.1	534.5	999.9	99.9	999.9	136.6	77.
69.9	154.0	22493.6	36.0	-60.9	99.0	251.3	13.4*	12.7	4.3	549.2	999.9	99.9	999.9	140.3	77.
71.0	155.0	22849.4	34.0	-60.4	99.0	248.6	14.8*	13.8	5.4	559.6	999.9	99.9	999.9	140.3	77.
72.1	156.0	23424.8	31.0	-60.6	99.0	255.0	32.3*	31.2	6.3	574.1	999.9	99.9	999.9	142.1	77.
73.3	157.0	23840.6	29.0	-60.0	99.9	254.3	22.8*	21.9	6.2	586.6	999.9	99.9	999.9	143.8	77.
74.5	158.0	24526.6	26.0	-57.3	99.9	250.9	24.8*	23.4	6.1	613.0	999.9	99.9	999.9	145.4	76.
75.9	159.0	25031.7	24.0	-58.2	99.9	256.0	25.0*	24.3	6.1	624.8	999.9	99.9	999.9	147.1	76.
77.5	160.0	25871.3	21.0	-58.8	99.9	257.2	23.4*	22.8	5.2	647.0	999.9	99.9	999.9	151.3	76.
79.4	161.0	26501.6	19.0	-57.5	99.0	287.6	10.3	9.8	-3.1	670.0	999.9	99.9	999.9	152.1	77.
81.1	162.0	27209.5	17.0	-54.2	99.0	999.9	99.9	99.9	99.9	702.1	999.9	99.9	999.9	999.9	999.

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
2315 GMT

122 131. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	1.0	1016.4	13.1	7.1	340.0	7.7	2.6	-7.2	285.7	302.0	6.3	67.0	0.0	0.
0.3	6.0	95.9	1005.0	12.8	5.8	335.1	13.0	5.5	-11.8	286.3	301.4	5.8	62.2	0.4	152.
0.7	7.0	188.1	994.0	11.5	4.7	334.8	12.6	5.4	-11.4	285.8	299.9	5.4	62.9	0.6	153.
0.9	8.0	272.6	984.0	10.9	5.3	334.5	12.2	5.3	-11.0	286.1	301.0	5.7	68.4	0.8	153.
1.3	9.0	366.3	973.0	10.0	4.3	335.7	12.0	4.9	-10.9	286.1	300.1	5.4	67.6	1.0	154.
1.6	10.0	452.1	963.0	9.1	4.4	336.4	12.1	4.8	-11.1	286.0	300.2	5.5	72.4	1.2	154.
1.9	11.0	555.9	951.0	7.8	4.1	336.1	12.4	5.0	-11.4	285.7	299.8	5.4	77.2	1.5	155.
2.2	12.0	651.8	940.0	6.9	3.0	335.6	11.9	4.9	-10.9	285.8	299.9	5.4	81.2	1.7	155.
2.5	13.0	739.7	930.0	6.0	3.6	334.9	11.1	4.7	-10.0	285.7	299.7	5.3	84.2	1.9	155.
2.8	14.0	837.2	919.0	5.3	2.9	337.3	10.6	4.1	-9.8	286.0	299.4	5.1	84.1	2.1	155.
3.1	15.0	917.6	910.0	4.8	1.0	335.2	10.2	4.2	-9.2	286.1	298.2	4.5	76.5	2.3	155.
3.5	16.0	1035.2	897.0	5.3	0.4	319.7	10.3	6.7	-7.9	287.8	299.6	4.4	70.4	2.5	156.
3.7	17.0	1127.0	887.0	6.2	-2.5	309.1	11.4	8.8	-7.2	289.6	299.3	3.6	53.4	2.6	154.
4.0	18.0	1220.1	877.0	7.1	-1.5	297.0	13.5	12.0	-6.1	291.5	302.3	4.0	55.2	2.8	152.
4.3	19.0	1314.5	867.0	7.3	0.1	295.4	16.2	14.6	-7.0	292.7	304.8	4.5	60.3	3.0	148.
4.6	20.0	1410.0	857.0	7.1	0.6	295.0	18.3	16.6	-7.7	293.5	306.3	4.7	63.4	3.3	145.
4.9	21.0	1526.0	845.0	6.4	0.4	296.0	19.1	17.2	-8.4	293.9	306.7	4.7	65.5	3.6	142.
5.1	22.0	1623.6	835.0	5.7	-0.8	296.4	19.5	17.5	-8.7	294.1	306.1	4.3	63.1	3.8	141.
5.4	23.0	1712.2	826.0	5.3	-4.5	296.6	20.0	17.8	-9.0	294.6	303.9	3.3	49.0	4.1	139.
5.7	24.0	1811.7	816.0	4.6	-3.2	295.2	19.9	18.0	-8.5	294.9	305.3	3.7	56.9	4.5	137.
6.0	25.0	1912.1	806.0	4.0	-2.2	292.9	19.7	18.1	-7.7	295.3	306.5	4.0	63.9	4.9	136.
6.5	26.0	2034.0	794.0	2.9	-2.1	285.9	20.6	19.8	-5.6	295.5	306.9	4.1	69.2	5.3	133.
6.8	27.0	2126.5	785.0	3.6	-3.3	281.5	20.9	20.5	-4.2	297.1	307.8	3.8	60.3	5.7	131.
7.1	28.0	2230.6	775.0	3.5	-4.7	276.9	21.4	21.2	-2.6	298.0	307.8	3.5	55.1	6.1	129.
7.5	29.0	2325.3	766.0	2.6	-5.6	270.3	22.2	22.2	-0.1	298.0	307.4	3.3	54.6	6.5	127.
7.8	30.0	2421.0	757.0	2.8	-5.0	266.4	23.2	23.2	1.5	299.2	309.1	3.5	56.3	6.8	125.
8.2	31.0	2528.7	747.0	2.9	-4.5	263.1	24.8	24.6	3.0	300.6	311.1	3.7	58.1	7.2	121.
8.5	32.0	2627.1	738.0	4.0	-10.2	261.8	26.0	25.7	3.7	302.6	309.6	2.4	34.7	7.6	119.
8.8	33.0	2726.8	729.0	3.5	-10.7	261.8	26.9	26.6	3.8	303.1	309.9	2.3	34.4	8.0	117.
9.2	34.0	2827.4	720.0	2.8	-11.8	261.8	27.9	27.6	4.0	303.4	309.8	2.1	33.1	8.5	114.
9.5	35.0	2929.3	711.0	2.9	-10.0	261.8	28.6	28.3	4.1	304.7	312.2	2.5	37.7	8.9	113.
9.9	36.0	3055.4	700.0	2.1	-9.6	261.4	29.7	29.4	4.5	305.2	313.0	2.6	41.6	9.6	110.
10.3	37.0	3159.8	691.0	1.6	-11.1	260.3	30.6	30.1	5.2	305.7	312.5	2.3	36.3	10.2	109.
10.6	38.0	3265.3	682.0	1.0	-12.5	259.2	31.1	30.5	5.8	306.1	312.7	2.2	36.2	10.7	107.
10.9	39.0	3360.1	674.0	0.5	-13.1	257.9	31.3	30.6	6.6	306.6	312.8	2.1	35.3	11.2	106.
11.2	40.0	3455.7	666.0	-0.6	-13.2	257.3	31.6	30.8	6.9	306.3	312.6	2.1	37.6	11.7	104.
11.7	41.0	3600.8	654.0	-1.4	-13.3	258.1	32.4	31.7	6.7	307.0	313.4	2.1	40.0	12.5	102.
12.0	42.0	3698.7	646.0	-2.2	-12.0	259.6	33.2	32.6	6.0	307.3	314.4	2.4	46.8	13.0	101.
12.3	43.0	3810.0	637.0	-3.2	-12.1	261.8	34.3	33.9	4.9	307.4	314.6	2.4	49.9	13.6	100.
12.7	44.0	3910.0	629.0	-4.1	-12.6	263.9	35.4	35.2	3.7	307.5	314.4	2.3	51.4	14.5	99.
13.0	45.0	4011.0	621.0	-4.2	-13.0	265.0	36.0	35.9	3.1	308.4	315.3	2.3	50.4	15.1	99.
13.4	46.0	4126.1	612.0	-4.2	-13.5	264.5	36.0	35.8	3.5	309.7	316.6	2.2	49.3	16.0	98.
13.8	47.0	4229.8	604.0	-4.7	-14.1	262.8	35.6	35.4	4.4	310.3	316.9	2.1	47.7	16.8	97.
14.2	48.0	4334.6	596.0	-5.3	-15.2	260.6	35.2	34.7	5.7	310.8	316.9	2.0	45.7	17.6	97.
14.6	49.0	4440.7	588.0	-5.6	-17.2	258.2	34.8	34.1	7.1	311.6	316.9	1.7	39.3	18.4	96.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
2315 GMT

122 131. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.9	50.0	4548.0	580.0	-6.2	-18.6	256.7	34.7	33.8	0.0	312.1	316.9	1.5	36.7	19.0	95.
15.4	51.0	4683.9	570.0	-7.1	-19.9	255.3	35.0	33.9	0.9	312.6	317.0	1.4	35.2	19.9	94.
15.7	52.0	4794.0	562.0	-8.0	-20.7	255.3	35.3	34.1	0.0	312.8	316.9	1.3	34.9	20.6	94.
16.1	53.0	4905.2	554.0	-8.7	-21.0	255.8	35.7	34.6	0.7	313.2	317.3	1.3	36.3	21.4	93.
16.5	54.0	5017.8	546.0	-9.6	-22.5	256.5	36.0	35.0	0.4	313.4	317.0	1.1	32.8	22.1	92.
16.9	55.0	5131.6	538.0	-10.6	-23.7	256.7	35.7	34.7	0.2	313.6	317.0	1.0	33.1	23.1	92.
17.4	56.0	5261.3	529.0	-11.2	-24.7	256.6	35.0	34.1	0.1	314.4	317.7	1.0	33.4	24.1	91.
17.8	57.0	5378.2	521.0	-11.3	-25.7	256.9	34.8	33.9	0.9	315.6	318.7	0.9	30.5	24.8	91.
18.2	58.0	5482.0	514.0	-11.3	-25.5	257.3	34.8	34.0	0.7	316.8	319.9	0.9	29.8	25.7	90.
18.6	59.0	5602.2	506.0	-12.3	-27.3	257.3	35.1	34.3	0.7	317.0	319.7	0.8	27.3	26.5	90.
19.0	60.0	5708.5	499.0	-12.7	-28.4	257.0	35.7	34.8	0.1	317.7	320.1	0.7	24.2	27.2	89.
19.4	61.0	5821.8	491.0	-13.2	-28.6	256.7	36.8	35.9	0.5	318.7	321.1	0.7	25.8	28.2	89.
19.8	62.0	5941.0	484.0	-14.1	-31.0	256.6	38.1	37.1	0.9	318.8	320.8	0.6	22.2	29.0	89.
20.2	63.0	6067.2	476.0	-15.1	-31.0	256.2	38.8	37.7	0.2	319.1	321.0	0.6	22.3	29.9	88.
20.5	64.0	6179.1	469.0	-15.5	-32.6	255.8	38.9	37.7	0.5	319.9	321.7	0.5	21.5	30.8	88.
20.9	65.0	6292.5	462.0	-16.0	-34.5	254.6	37.4	36.0	0.9	320.8	322.3	0.4	18.4	31.6	88.
21.3	66.0	6440.5	453.0	-16.8	-36.3	253.1	36.1	34.5	10.5	321.5	322.9	0.4	16.5	32.5	87.
21.7	67.0	6540.4	447.0	-18.1	-37.3	251.6	35.9	34.0	11.3	321.0	322.2	0.3	16.6	33.2	87.
22.0	68.0	6658.2	440.0	-18.8	-38.4	250.8	36.4	34.4	12.0	321.6	322.7	0.3	15.7	33.7	86.
22.4	69.0	6794.7	432.0	-19.5	-39.4	250.0	38.1	35.8	13.1	322.4	323.4	0.3	14.3	34.7	86.
22.7	70.0	6915.9	425.0	-20.6	-40.7	249.5	39.3	36.8	13.9	322.6	323.5	0.3	14.4	35.4	86.
23.2	71.0	7056.2	417.0	-21.5	-41.7	249.3	41.0	38.3	14.5	323.1	324.0	0.2	14.5	36.5	85.
23.6	72.0	7180.8	410.0	-22.4	-41.5	249.9	42.1	39.5	14.5	323.5	324.4	0.2	15.5	37.4	85.
23.9	73.0	7288.8	404.0	-23.5	-41.5	250.6	42.5	40.1	14.1	323.5	324.4	0.2	17.1	38.2	84.
24.3	74.0	7416.3	397.0	-24.8	-41.4	250.6	41.6	39.2	13.8	323.4	324.2	0.2	18.6	39.3	84.
24.7	75.0	7526.8	391.0	-26.0	-42.4	250.2	39.3	37.0	13.3	323.2	324.1	0.2	19.6	40.3	84.
25.1	76.0	7657.4	384.0	-26.9	-42.4	249.9	36.0	33.8	12.4	323.7	324.5	0.2	21.4	41.0	84.
25.4	77.0	7770.7	378.0	-28.1	-43.2	250.6	33.2	31.3	11.0	323.6	324.4	0.2	21.9	41.9	83.
25.7	78.0	7904.6	371.0	-29.2	-43.7	252.4	31.5	30.0	9.5	323.9	324.7	0.2	23.5	42.4	83.
26.1	79.0	8020.8	365.0	-30.4	-43.5	255.6	31.4	30.4	7.8	323.9	324.7	0.2	26.2	42.9	83.
26.5	80.0	8138.4	359.0	-31.5	-44.9	258.1	35.0	34.2	7.2	323.8	324.5	0.2	25.2	43.5	83.
26.9	81.0	8297.5	351.0	-32.7	-46.4	258.0	40.8*	39.9	0.5	324.3	324.9	0.2	23.7	44.6	83.
27.3	82.0	8418.7	345.0	-33.9	-47.4	257.1	45.3*	44.2	10.1	324.3	324.8	0.1	23.8	45.6	83.
27.7	83.0	8520.7	340.0	-35.0	-48.5	256.2	47.6*	46.2	11.3	324.2	324.7	0.1	23.5	46.8	83.
28.1	84.0	8665.6	333.0	-36.0	-49.4	255.7	47.1*	45.7	11.7	324.7	325.1	0.1	23.6	48.1	82.
28.5	85.0	8770.4	328.0	-37.1	-50.7	255.6	44.1*	42.7	11.0	324.6	325.0	0.1	24.4	49.1	82.
29.0	86.0	8940.6	320.0	-38.6	-51.0	256.0	38.1*	37.0	0.2	324.9	325.3	0.1	25.2	50.5	82.
29.4	87.0	9070.4	314.0	-39.5	-51.9	256.3	35.1*	34.1	0.3	325.3	325.7	0.1	25.2	51.2	82.
29.8	88.0	9180.0	309.0	-40.8	99.9	256.4	34.5*	33.5	0.1	325.2	999.9	99.9	999.9	51.9	82.
30.2	89.0	9313.1	303.0	-41.9	99.9	256.6	34.9*	33.9	0.1	325.5	999.9	99.9	999.9	52.7	82.
30.6	90.0	9425.6	298.0	-42.7	99.9	257.1	35.5*	34.6	0.9	325.8	999.9	99.9	999.9	53.7	82.
31.0	91.0	9562.5	292.0	-44.1	99.9	257.9	36.0*	35.2	0.5	325.8	999.9	99.9	999.9	54.5	82.
31.4	92.0	9701.6	286.0	-45.1	99.9	259.4	38.2*	37.6	0.0	326.3	999.9	99.9	999.9	55.2	82.
31.8	93.0	9819.1	281.0	-46.1	99.9	261.0	40.7*	40.2	0.3	326.5	999.9	99.9	999.9	56.2	82.
32.2	94.0	9938.3	276.0	-47.2	99.9	262.1	42.6*	42.1	0.9	326.5	999.9	99.9	999.9	57.4	82.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

6 FEBRUARY 1975  
2315 GMT

122 131. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P. DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.7	95.0	10083.3	270.0	-48.4	99.0	261.7	44.5*	44.1	6.4	326.9	999.9	99.9	999.9	58.6	82.
33.1	96.0	10255.9	263.0	-49.3	99.0	260.3	46.2*	45.5	7.8	328.1	999.9	99.9	999.9	59.5	82.
33.6	97.0	10381.5	258.0	-50.6	99.9	258.4	45.6*	44.6	0.1	327.9	999.9	99.9	999.9	61.1	82.
34.0	98.0	10508.6	253.0	-52.0	99.9	258.1	41.2*	40.3	8.5	327.7	999.9	99.9	999.9	62.8	81.
34.5	99.0	10637.5	248.0	-53.4	99.9	259.9	35.7*	35.1	6.2	327.5	999.9	99.9	999.9	62.9	81.
34.9	100.0	10768.4	243.0	-54.3	99.9	260.4	34.7*	34.2	5.8	328.0	999.9	99.9	999.9	64.2	81.
35.4	101.0	10928.1	237.0	-55.7	99.9	258.8	34.9*	34.3	0.8	328.2	999.9	99.9	999.9	65.2	81.
35.9	102.0	11063.5	232.0	-57.1	99.0	256.7	37.0*	36.0	1.5	328.2	999.9	99.9	999.9	66.1	81.
36.4	103.0	11201.1	227.0	-58.1	99.0	254.7	40.4*	39.0	10.7	328.7	999.9	99.9	999.9	67.5	81.
36.7	104.0	11313.1	223.0	-57.9	99.9	252.8	42.2*	40.3	12.5	330.6	999.9	99.9	999.9	68.1	81.
37.2	105.0	11456.3	218.0	-57.4	99.9	248.6	44.5*	41.4	16.2	333.6	999.9	99.9	999.9	69.4	81.
37.6	106.0	11602.8	213.0	-57.7	99.9	244.9	45.4*	41.1	19.2	335.3	999.9	99.9	999.9	70.6	81.
38.0	107.0	11722.2	209.0	-58.4	99.9	241.7	45.2*	39.8	21.5	336.0	999.9	99.9	999.9	71.3	80.
38.5	108.0	11874.5	204.0	-58.4*	99.9	239.2	42.9*	36.9	22.0	338.4	999.9	99.9	999.9	72.9	80.
38.9	109.0	11999.1	200.0	-58.4*	99.0	239.0	41.9*	35.9	21.6	340.3	999.9	99.9	999.9	73.7	80.
39.4	110.0	12126.2	196.0	-58.4*	99.9	241.9	43.7*	38.6	20.6	342.3	999.9	99.9	999.9	74.6	80.
39.8	111.0	12321.7	190.0	-58.4*	99.9	246.1	45.6*	41.7	18.5	345.3	999.9	99.9	999.9	76.1	79.
40.3	112.0	12455.6	186.0	-58.4*	99.9	249.8	45.8*	43.0	15.8	347.4	999.9	99.9	999.9	77.3	79.
40.7	113.0	12592.3	182.0	-58.4*	99.9	251.5	45.3*	43.0	14.3	349.6	999.9	99.9	999.9	78.5	79.
41.2	114.0	12732.1	178.0	-58.4	99.9	251.4	45.5*	43.1	14.5	351.8	999.9	99.9	999.9	79.7	79.
41.7	115.0	12874.8	174.0	-59.1	99.9	251.0	47.2*	44.6	15.4	353.0	999.9	99.9	999.9	81.0	79.
42.2	116.0	13057.5	169.0	-59.3	99.0	251.0	51.4*	48.6	16.7	355.6	999.9	99.9	999.9	82.5	79.
42.7	117.0	13207.6	165.0	-59.4	99.9	250.6	57.8*	54.5	19.2	357.8	999.9	99.9	999.9	83.8	79.
43.3	118.0	13361.2	161.0	-59.4	99.9	250.7	58.9*	55.6	19.4	360.3	999.9	99.9	999.9	86.6	78.
43.8	119.0	13518.5	157.0	-60.0	99.9	253.1	51.5*	49.3	15.0	362.0	999.9	99.9	999.9	88.3	78.
44.3	120.0	13679.7	153.0	-59.8	99.9	255.6	46.5*	45.0	11.6	365.0	999.9	99.9	999.9	89.3	78.
44.8	121.0	13845.3	149.0	-59.6	99.9	254.8	48.7*	47.0	12.8	368.1	999.9	99.9	999.9	90.8	78.
45.4	122.0	13972.5	146.0	-59.6	99.9	251.4	63.5*	60.2	20.2	370.2	999.9	99.9	999.9	92.2	78.
45.9	123.0	14145.9	142.0	-60.7	99.0	254.0	56.6	54.4	15.6	371.3	999.9	99.9	999.9	94.9	78.
46.4	124.0	14323.4	138.0	-61.4	99.0	999.9	99.9	99.9	99.9	373.1	999.9	99.9	999.9	999.9	999.
46.8	125.0	14459.6	135.0	-61.9	99.9	999.9	99.9	99.9	99.9	374.5	999.9	99.9	999.9	999.9	999.
47.5	126.0	14645.4	131.0	-62.5	99.9	999.9	99.9	99.9	99.9	376.8	999.9	99.9	999.9	999.9	999.

STATION NO. 232  
BOOTHVILLE, LA

7 FEBRUARY 1975  
600 GMT

156 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	1.0	1022.3	5.4	1.7	350.0	7.7	1.3	-7.6	277.3	287.8	4.1	74.0	0.0	0.
0.3	6.0	124.1	1007.0	4.4	-1.4	350.2	13.2	2.2	-13.0	277.5	286.4	3.4	65.8	0.4	170.
0.6	7.0	213.4	996.0	3.6	-1.5	349.1	13.1	2.5	-12.8	277.5	286.4	3.5	69.5	0.5	170.
0.8	8.0	311.8	984.0	2.8	-1.5	346.8	12.9	3.0	-12.6	277.6	286.6	3.5	73.3	0.6	170.
1.1	9.0	394.4	974.0	2.1	-0.7	343.3	12.7	3.7	-12.2	277.8	287.5	3.7	81.9	0.9	169.
1.4	10.0	486.0	963.0	1.1	-1.1	339.7	12.5	4.2	-11.7	277.7	287.2	3.7	85.4	1.1	167.
1.8	11.0	603.7	949.0	0.2	-1.4	343.3	11.0	3.7	-10.4	277.9	287.3	3.6	89.0	1.4	165.
2.1	12.0	697.0	938.0	-1.0	-1.0	342.7	10.2	3.0	-9.8	277.7	286.9	3.6	94.0	1.6	165.
2.6	13.0	782.6	928.0	-1.6	-2.2	346.9	10.7	2.4	-10.4	277.9	286.9	3.5	95.2	1.9	165.
2.8	14.0	886.2	916.0	-2.4	-3.1	347.5	10.8	2.3	-10.5	278.1	286.8	3.3	94.9	2.0	165.
3.2	15.0	973.9	906.0	0.6	-4.2	346.4	10.8	2.5	-10.5	282.0	290.3	3.1	70.1	2.3	165.
3.6	16.0	1099.1	892.0	1.3	-14.6	341.0	10.6	3.4	-10.0	283.7	287.6	1.4	29.4	2.5	165.
3.8	17.0	1198.9	881.0	1.3	-13.6	335.3	10.6	4.4	-9.6	284.7	288.9	1.5	31.3	2.7	165.
4.1	18.0	1290.9	871.0	1.9	-13.7	327.0	10.9	5.9	-9.1	286.4	290.7	1.5	30.2	2.9	164.
4.5	19.0	1384.3	861.0	3.4	-14.7	317.1	11.9	8.1	-8.7	288.9	293.1	1.5	26.2	3.1	162.
4.7	20.0	1488.6	850.0	3.9	-13.0	313.8	12.2	8.8	-8.5	290.4	294.9	1.5	25.8	3.2	161.
5.2	21.0	1613.7	837.0	3.6	-14.4	305.9	13.0	10.5	-7.6	291.4	295.7	1.5	25.4	3.6	158.
5.5	22.0	1711.2	827.0	3.6	-14.4	300.7	13.2	11.3	-6.7	292.4	296.8	1.5	25.4	3.7	156.
5.7	23.0	1909.9	817.0	3.1	-14.2	299.5	13.4	11.7	-6.6	292.9	297.4	1.6	26.6	3.9	154.
6.1	24.0	1919.5	806.0	2.4	-15.4	295.7	13.8	12.4	-6.0	293.3	297.5	1.4	25.4	4.2	152.
6.4	25.0	2010.1	797.0	1.9	-15.6	290.0	13.7	12.9	-4.7	293.7	297.9	1.4	25.8	4.3	150.
6.7	26.0	2142.6	784.0	1.1	-16.0	284.8	14.0	13.5	-3.6	294.2	298.2	1.4	25.9	4.5	148.
7.1	27.0	2245.7	774.0	1.0	-16.8	278.9	14.7	14.5	-2.3	295.1	299.0	1.3	25.0	4.8	145.
7.5	28.0	2350.1	764.0	0.2	-17.7	274.8	15.7	15.6	-1.3	295.3	299.0	1.2	24.6	5.0	142.
7.8	29.0	2455.6	754.0	-0.0	-17.8	274.2	16.8	16.8	-1.2	296.3	300.0	1.2	24.6	5.2	139.
8.2	30.0	2551.7	745.0	-0.5	-18.2	274.5	18.7	18.7	-1.5	296.8	300.4	1.2	24.7	5.5	136.
8.5	31.0	2659.7	735.0	-0.3	-18.3	275.4	20.4	20.3	-1.9	298.1	301.8	1.2	24.2	5.7	134.
8.9	32.0	2769.4	725.0	0.6	-18.2	276.4	23.4	23.2	-2.6	300.3	304.1	1.3	22.8	6.1	131.
9.3	33.0	2869.8	716.0	1.0	-17.2	276.0	26.2	26.1	-2.7	301.8	306.0	1.4	24.2	6.7	128.
9.6	34.0	2982.8	706.0	0.8	-16.2	275.1	28.2	28.1	-2.5	302.8	307.5	1.5	26.7	7.1	126.
10.0	35.0	3085.7	697.0	0.3	-14.5	273.3	30.2	30.2	-1.7	303.4	308.8	1.8	31.6	7.7	123.
10.4	36.0	3224.7	685.0	-1.0	-14.4	271.7	31.4	31.4	-0.9	303.5	309.0	1.8	35.2	8.4	121.
10.7	37.0	3330.1	676.0	-1.7	-13.3	270.9	31.9	31.9	-0.5	303.8	309.9	2.0	40.7	8.9	119.
11.1	38.0	3448.5	666.0	-2.5	-13.3	270.0	32.0	32.0	-0.0	304.2	310.4	2.1	43.1	9.6	116.
11.4	39.0	3556.5	657.0	-2.5	-16.5	269.4	31.7	31.7	0.3	305.4	310.1	1.5	32.0	10.2	115.
11.9	40.0	3653.6	649.0	-2.8	-17.2	268.7	31.5	31.5	0.7	306.1	310.8	1.5	32.0	10.9	113.
12.3	41.0	3788.8	638.0	-3.9	-18.7	268.8	32.5	32.5	0.7	306.3	310.8	1.4	32.0	11.6	111.
12.6	42.0	3901.0	629.0	-4.1	-16.5	268.9	33.7	33.6	0.6	307.4	312.6	1.7	37.2	12.2	110.
13.0	43.0	4014.6	620.0	-4.5	-16.6	269.0	35.5	35.5	0.6	308.2	313.4	1.7	38.0	12.9	109.
13.4	44.0	4129.6	611.0	-5.3	-17.4	268.0	36.0	36.0	1.3	308.6	313.5	1.6	37.7	13.8	108.
13.6	45.0	4246.0	602.0	-5.7	-17.6	267.4	36.0	36.0	1.6	309.4	314.2	1.6	37.7	14.3	107.
14.0	46.0	4350.8	594.0	-6.5	-18.5	266.0	35.4	35.4	2.5	309.7	314.4	1.5	37.7	15.1	106.
14.4	47.0	4469.9	585.0	-7.4	-19.0	265.4	35.0	34.9	2.8	310.0	314.4	1.4	37.6	15.8	105.
14.7	48.0	4577.1	577.0	-8.2	-19.8	265.0	35.0	34.9	3.0	310.2	314.5	1.4	38.6	16.4	104.
15.1	49.0	4699.0	568.0	-8.8	-20.2	264.6	35.4	35.3	3.3	310.9	315.1	1.3	38.9	17.3	103.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

7 FEBRUARY 1975  
600 GMT

156 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGF KM	AZ DG
15.5	50.0	4809.0	560.0	-8.4	-20.7	264.1	36.5	36.3	3.7	312.7	317.0	1.4	37.3	18.0	102.
15.9	51.0	4948.7	550.0	-9.1	-21.7	263.8	37.9	37.7	4.1	313.4	317.5	1.3	36.2	18.8	101.
16.3	52.0	5076.2	541.0	-9.8	-22.1	263.3	37.9	37.7	4.4	314.0	317.9	1.2	35.7	19.8	101.
16.6	53.0	5191.1	533.0	-10.1	-23.1	262.9	37.3	37.0	4.6	315.0	318.6	1.1	33.6	20.5	100.
17.0	54.0	5307.5	525.0	-10.8	-23.8	262.2	35.6	35.2	4.8	315.5	318.9	1.1	33.3	21.3	99.
17.4	55.0	5425.4	517.0	-11.8	-24.5	261.6	34.7	34.3	5.1	315.7	319.0	1.0	33.9	22.0	99.
17.9	56.0	5559.6	508.0	-13.1	-25.4	260.2	34.7	34.2	5.9	315.7	318.8	1.0	34.7	23.1	98.
18.2	57.0	5680.3	500.0	-13.9	-26.4	259.6	35.0	34.4	6.3	316.1	319.0	0.9	33.9	23.6	97.
18.6	58.0	5802.7	492.0	-14.8	-28.4	259.7	35.4	34.9	6.4	316.5	319.0	0.7	30.0	24.4	97.
19.0	59.0	5926.7	484.0	-15.2	-31.3	261.3	35.8	35.4	5.4	317.5	319.4	0.6	23.6	25.2	96.
19.4	60.0	6052.5	476.0	-16.0	-32.0	262.6	35.4	35.1	4.6	318.0	319.8	0.5	23.6	26.1	96.
19.7	61.0	6163.9	469.0	-17.0	-32.8	261.7	35.1	34.7	5.0	318.1	319.9	0.5	23.7	26.8	96.
20.2	62.0	6292.7	461.0	-18.1	-34.1	258.6	35.2	34.5	7.0	318.3	319.9	0.5	22.9	27.7	95.
20.6	63.0	6406.9	454.0	-18.8	-34.0	256.8	36.4	35.4	8.3	318.9	320.4	0.4	22.5	28.4	94.
21.0	64.0	6522.6	447.0	-19.4	-35.4	257.5	37.8	36.9	8.2	319.4	320.9	0.4	22.5	29.3	94.
21.3	65.0	6639.8	440.0	-20.0	-36.7	258.6	38.1	37.4	7.5	320.2	321.6	0.4	22.1	30.1	93.
21.8	66.0	6792.7	431.0	-21.2	-37.3	259.8	38.7	38.1	6.9	320.5	321.8	0.4	21.8	31.1	93.
22.3	67.0	6913.4	424.0	-22.1	-38.2	259.5	39.2	38.5	7.1	320.8	322.0	0.3	21.4	32.2	93.
22.6	68.0	7035.6	417.0	-23.1	-39.0	258.9	39.0	38.3	7.5	321.2	322.2	0.3	21.4	33.0	92.
23.0	69.0	7159.4	410.0	-24.0	-39.6	257.5	38.0	37.1	8.2	321.5	322.6	0.3	21.9	34.1	92.
23.4	70.0	7284.8	403.0	-25.2	-40.4	257.3	38.3	37.3	8.4	321.5	322.5	0.3	22.4	34.7	91.
23.8	71.0	7448.4	394.0	-26.6	-41.7	258.4	41.0	40.2	8.2	321.7	322.6	0.3	23.3	35.5	91.
24.3	72.0	7577.6	387.0	-27.6	-42.7	260.1	45.2	44.5	7.7	322.1	323.0	0.2	23.4	36.8	91.
24.6	73.0	7708.6	380.0	-28.6	-42.8	260.7	46.5	45.9	7.5	322.4	323.2	0.2	23.8	37.7	91.
25.1	74.0	7822.4	374.0	-29.4	-42.8	260.5	45.0	44.4	7.4	322.8	323.7	0.2	25.8	39.3	90.
25.5	75.0	7957.0	367.0	-30.8	-43.7	260.0	42.4	41.8	7.4	322.8	323.6	0.2	26.6	40.2	90.
25.9	76.0	8073.8	361.0	-31.6	-44.1	259.9	42.6	42.0	7.5	323.3	324.0	0.2	27.3	41.1	90.
26.3	77.0	8212.0	354.0	-33.0	-45.2	260.2	44.4	43.7	7.6	323.1	323.8	0.2	28.0	42.1	89.
26.7	78.0	8331.9	348.0	-34.2	-46.0	260.5	46.0	45.4	7.6	323.1	323.7	0.2	28.7	43.2	89.
27.0	79.0	8453.4	342.0	-35.3	-46.6	260.6	46.8	46.1	7.7	323.2	323.8	0.2	30.0	44.3	89.
27.5	80.0	8576.4	336.0	-36.5	-46.9	259.6	45.3	44.5	8.1	323.2	323.8	0.2	32.9	45.3	89.
28.0	81.0	8743.1	328.0	-37.6	-47.2	257.5	42.3	41.3	8.2	323.9	324.5	0.2	35.3	47.1	88.
28.5	82.0	8891.6	321.0	-38.5	-48.7	255.9	41.1	39.9	10.0	324.6	325.1	0.1	32.9	47.9	88.
28.9	83.0	9021.0	315.0	-39.6	99.5	256.6	43.5*	42.3	10.1	324.9	999.9	99.9	999.9	48.9	88.
29.3	84.0	9130.1	310.0	-41.0	99.5	257.5	46.5*	45.4	10.0	324.5	999.9	99.9	999.9	49.9	88.
29.7	85.0	9262.6	304.0	-42.3	99.5	257.8	47.6*	46.5	10.0	324.5	999.9	99.9	999.9	51.1	87.
30.3	86.0	9419.7	297.0	-43.7	99.5	256.5	43.8*	42.6	10.2	324.7	999.9	99.9	999.9	53.0	87.
30.7	87.0	9556.4	291.0	-45.0	99.9	255.8	40.7*	39.5	10.0	324.8	999.9	99.9	999.9	53.9	87.
31.2	88.0	9695.4	285.0	-45.9	99.9	256.3	40.3*	39.1	9.6	325.5	999.9	99.9	999.9	54.9	87.
31.7	89.0	9812.9	280.0	-47.2	99.9	257.2	44.2*	43.1	9.8	325.2	999.9	99.9	999.9	56.1	87.
32.2	90.0	9956.0	274.0	-48.2	99.5	257.9	50.1*	49.0	10.5	325.8	999.9	99.9	999.9	57.4	86.
32.7	91.0	10077.0	269.0	-49.4	99.5	258.7	53.2*	52.2	10.4	325.7	999.9	99.9	999.9	59.1	86.
33.1	92.0	10224.5	263.0	-50.3	99.5	259.3	51.5*	50.7	9.5	326.5	999.9	99.9	999.9	60.7	86.
33.5	93.0	10349.6	258.0	-51.1	99.5	259.8	46.7*	46.0	8.3	327.2	999.9	99.9	999.9	61.9	86.
34.0	94.0	10476.7	253.0	-51.7	99.9	260.8	45.8*	45.2	7.3	328.1	999.9	99.9	999.9	62.7	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

7 FEBRUARY 1975  
600 GMT

156 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.5	95.0	10632.1	247.0	-52.7	99.0	261.3	52.9*	52.2	8.0	328.9	999.9	99.9	999.9	64.2	86.
35.0	96.0	10817.5	240.0	-53.3	99.9	260.3	58.4*	57.6	8.8	330.7	999.9	99.9	999.9	66.0	85.
35.5	97.0	10925.5	236.0	-53.9	99.9	258.8	54.9*	53.8	10.6	331.3	999.9	99.9	999.9	68.1	85.
36.0	98.0	11062.9	231.0	-54.3	99.9	258.5	44.8*	43.9	9.0	332.8	999.9	99.9	999.9	69.7	85.
36.5	99.0	11203.2	226.0	-54.3	99.9	259.6	36.9*	36.3	6.7	334.9	999.9	99.9	999.9	70.5	85.
36.9	100.0	11347.0	221.0	-53.3	99.9	260.3	37.0*	36.5	6.2	338.6	999.9	99.9	999.9	71.4	85.
37.5	101.0	11524.3	215.0	-53.3	99.9	260.9	43.8*	43.3	6.9	341.3	999.9	99.9	999.9	72.5	85.
38.0	102.0	11675.6	210.0	-53.8	99.9	261.0	52.7*	52.0	8.3	342.8	999.9	99.9	999.9	74.2	85.
38.5	103.0	11798.9	206.0	-54.8	99.9	260.7	61.0*	60.2	9.9	343.2	999.9	99.9	999.9	75.8	85.
39.0	104.0	11956.3	201.0	-54.3	99.9	260.8	63.9*	63.0	10.2	346.4	999.9	99.9	999.9	77.6	85.
39.5	105.0	12117.8	196.0	-54.1	99.9	262.2	54.8*	54.3	7.4	349.1	999.9	99.9	999.9	80.4	84.
40.0	106.0	12250.3	192.0	-53.6	99.9	264.0	41.0*	40.8	4.3	352.0	999.9	99.9	999.9	81.2	84.
40.6	107.0	12419.6	187.0	-54.6	99.9	262.2	37.2*	36.8	5.1	353.1	999.9	99.9	999.9	82.3	85.
41.1	108.0	12557.8	183.0	-55.4	99.9	259.0	40.4*	39.7	7.7	353.9	999.9	99.9	999.9	83.4	84.
41.6	109.0	12698.4	179.0	-56.2	99.9	256.0	41.0*	39.8	9.9	354.8	999.9	99.9	999.9	85.0	84.
42.1	110.0	12842.0	175.0	-56.4	99.9	252.8	39.6*	37.8	11.7	356.8	999.9	99.9	999.9	86.0	84.
42.7	111.0	13063.4	169.0	-56.6	99.9	252.1	44.4*	42.3	12.7	360.1	999.9	99.9	999.9	87.3	84.
43.3	112.0	13215.0	165.0	-57.4	99.9	254.6	55.2*	53.3	14.7	361.2	999.9	99.9	999.9	89.0	84.
43.7	113.0	13330.7	162.0	-58.3	99.9	256.2	61.3*	59.5	14.6	361.6	999.9	99.9	999.9	90.5	84.
44.3	114.0	13487.7	158.0	-59.2	99.9	257.9	62.9*	61.5	13.2	362.7	999.9	99.9	999.9	92.9	83.
44.8	115.0	13648.5	154.0	-59.0	99.9	258.5	55.9*	54.8	11.1	365.7	999.9	99.9	999.9	94.9	83.
45.5	116.0	13855.1	149.0	-59.9	99.9	258.8	40.1*	39.3	7.8	367.6	999.9	99.9	999.9	96.8	83.
46.0	117.0	14024.9	145.0	-60.4	99.9	260.0	33.2*	32.7	5.8	369.5	999.9	99.9	999.9	97.9	83.
46.6	118.0	14155.1	142.0	-60.6	99.9	258.8	32.8*	32.2	6.4	371.4	999.9	99.9	999.9	98.8	83.
47.1	119.0	14332.6	138.0	-61.5	99.9	255.9	34.1*	33.0	8.3	372.9	999.9	99.9	999.9	99.9	83.
47.6	120.0	14514.5	134.0	-62.7	99.9	253.6	33.9*	32.6	9.6	374.0	999.9	99.9	999.9	101.1	83.
48.2	121.0	14653.7	131.0	-63.8	99.9	253.8	36.6*	35.2	10.2	374.4	999.9	99.9	999.9	102.1	83.
48.7	122.0	14795.5	128.0	-64.4	99.9	256.2	43.7*	42.4	10.4	375.8	999.9	99.9	999.9	103.1	83.
49.2	123.0	14989.3	124.0	-65.2	99.9	259.0	50.5*	49.6	9.6	377.8	999.9	99.9	999.9	104.7	83.
49.7	124.0	15138.4	121.0	-65.4	99.9	260.9	52.4*	51.8	8.3	380.1	999.9	99.9	999.9	106.5	83.
50.3	125.0	15291.1	118.0	-65.6	99.9	261.4	49.1*	48.6	7.4	382.4	999.9	99.9	999.9	108.3	83.
51.0	126.0	15499.9	114.0	-67.3	99.9	262.0	45.6*	45.2	6.4	383.1	999.9	99.9	999.9	110.2	83.
51.6	127.0	15660.6	111.0	-67.5	99.9	264.0	50.0*	49.7	5.2	385.7	999.9	99.9	999.9	111.5	83.
52.1	128.0	15825.3	108.0	-68.4	99.9	265.5	51.8*	51.6	4.1	387.1	999.9	99.9	999.9	113.7	83.
52.7	129.0	16051.3	104.0	-69.0	99.9	266.5	50.7*	50.6	3.1	390.0	999.9	99.9	999.9	115.2	83.
53.3	130.0	16225.9	101.0	-70.1	99.9	267.9	48.7*	48.7	1.8	391.1	999.9	99.9	999.9	117.2	83.
54.0	131.0	16405.4	98.0	-69.7	99.9	272.3	41.5*	41.5	-1.7	395.4	999.9	99.9	999.9	119.0	83.
54.6	132.0	16590.5	95.0	-70.1	99.9	274.9	37.6*	37.5	-3.2	398.0	999.9	99.9	999.9	120.3	83.
55.1	133.0	16781.2	92.0	-70.4	99.9	273.6	35.5*	35.5	-2.2	401.3	999.9	99.9	999.9	121.5	83.
55.8	134.0	16978.0	89.0	-70.6	99.9	270.4	33.1*	33.1	-0.2	404.6	999.9	99.9	999.9	122.9	83.
56.4	135.0	17113.1	87.0	-69.9	99.9	267.8	35.1*	35.1	1.4	408.6	999.9	99.9	999.9	123.9	83.
57.1	136.0	17393.6	83.0	-69.5	99.9	264.8	37.3*	37.1	3.4	415.1	999.9	99.9	999.9	125.6	83.
57.8	137.0	17612.9	80.0	-70.1	99.9	262.2	34.8*	34.5	4.7	418.1	999.9	99.9	999.9	127.2	83.
58.6	138.0	17840.3	77.0	-69.9	99.9	259.2	32.7*	32.1	6.1	423.2	999.9	99.9	999.9	128.7	83.
59.4	139.0	18076.8	74.0	-70.1	99.9	260.8	32.0*	31.6	5.1	427.5	999.9	99.9	999.9	130.3	83.

\* BY SPFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

7 FEBRUARY 1975  
600 GMT

156 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.3	140.0	18323.1	71.0	-69.7	99.9	262.9	32.7*	32.5	4.0	433.6	999.9	99.9	999.9	132.0	83.
61.1	141.0	18581.7	68.0	-67.7	99.9	261.0	26.4*	26.1	4.1	443.2	999.9	99.9	999.9	133.7	83.
61.9	142.0	18853.9	65.0	-66.6	99.9	254.6	8.3*	8.0	2.2	451.3	999.9	99.9	999.9	134.2	83.
62.6	143.0	19139.2	62.0	-67.5	99.9	96.5	5.9*	-5.9	0.7	455.6	999.9	99.9	999.9	135.1	83.
63.5	144.0	19336.7	60.0	-67.5	99.9	248.9	14.0*	13.0	5.0	459.9	999.9	99.9	999.9	133.9	83.
64.5	145.0	19645.4	57.0	-67.9	99.9	256.7	35.7*	34.7	8.2	465.7	999.9	99.9	999.9	135.9	83.
65.4	146.0	19971.7	54.0	-66.2	99.9	262.5	68.3*	67.7	8.9	476.8	999.9	99.9	999.9	138.0	83.
66.4	147.0	20318.5	51.0	-65.8	99.9	137.5	3.3*	-2.2	2.4	485.6	999.9	99.9	999.9	145.6	83.
67.3	148.0	20562.3	49.0	-64.4	99.9	98.0	17.3*	-17.1	2.4	494.6	999.9	99.9	999.9	140.3	83.
68.2	149.0	20948.8	46.0	-64.2	99.9	251.5	31.6*	30.0	10.0	504.1	999.9	99.9	999.9	142.6	83.
69.2	150.0	21361.7	43.0	-64.0	99.9	248.7	14.8*	13.7	5.4	514.4	999.9	99.9	999.9	144.4	83.
70.3	151.0	21654.8	41.0	-62.1	99.9	142.7	2.1*	-1.3	1.7	526.2	999.9	99.9	999.9	144.5	83.
71.5	152.0	22123.3	38.0	-63.2	99.9	254.2	9.0*	8.6	2.4	534.9	999.9	99.9	999.9	145.1	83.
72.6	153.0	22457.0	36.0	-61.7	99.9	257.0	29.6*	28.8	6.7	547.1	999.9	99.9	999.9	145.6	82.
73.9	154.0	22995.8	33.0	-61.7	99.9	258.0	35.6*	34.8	7.4	560.9	999.9	99.9	999.9	148.7	82.
75.2	155.0	23383.0	31.0	-61.7	99.9	269.8	28.3*	28.3	0.1	571.0	999.9	99.9	999.9	151.2	82.
76.7	156.0	24016.4	28.0	-59.7	99.9	255.3	24.0*	23.3	6.1	593.5	999.9	99.9	999.9	152.2	83.
78.0	157.0	24477.7	26.0	-61.5	99.9	252.9	30.8*	29.4	9.0	601.0	999.9	99.9	999.9	154.3	82.
79.6	158.0	25240.7	23.0	-59.9	99.9	223.7	13.5*	9.3	9.8	627.3	999.9	99.9	999.9	157.1	82.
81.5	159.0	25808.5	21.0	-60.3	99.9	254.7	36.6*	35.3	9.7	642.7	999.9	99.9	999.9	158.8	82.
83.6	160.0	26775.0	18.0	-57.9	99.9	999.9	99.9	99.9	99.9	679.0	999.9	99.9	999.9	999.9	999.

STATION NO. 232  
BOOTHVILLE, LA

7 FEBRUARY 1975  
1115 GMT

154 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTN GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	1.0	1023.0	3.3	-0.5	10.0	5.7	-1.0	-5.6	275.1	284.3	3.6	76.0	0.0	0.
0.1	5.0	16.9	1021.0	3.3	-0.8	3.2	8.6	-0.5	-6.6	275.3	284.3	3.5	74.6	0.3	169.
0.4	6.0	128.7	1007.0	2.3	-2.0	3.2	8.6	-0.5	-8.6	275.3	283.8	3.3	73.3	0.3	169.
0.8	7.0	217.3	996.0	1.3	-2.5	2.0	8.7	-0.3	-8.7	275.2	283.4	3.2	75.6	0.4	174.
1.1	8.0	314.9	984.0	0.7	-1.7	359.5	9.2	0.1	-9.2	275.5	284.4	3.4	84.2	0.6	176.
1.5	9.0	396.8	974.0	-0.1	-1.5	354.1	10.9	1.1	-10.9	275.5	284.6	3.5	90.2	0.8	177.
1.8	10.0	487.8	963.0	-0.8	-1.8	351.4	11.1	1.7	-11.0	275.8	284.7	3.5	92.5	1.0	175.
2.5	11.0	596.1	950.0	-2.2	-2.2	350.7	10.3	1.7	-10.2	275.4	284.2	3.4	100.2	1.5	174.
2.8	12.0	680.2	940.0	-2.9	-2.9	351.2	10.3	1.6	-10.1	275.4	283.9	3.3	100.9	1.7	173.
3.1	13.0	773.4	929.0	-3.7	-3.7	349.2	10.3	1.9	-10.1	275.6	283.7	3.1	101.3	1.9	173.
3.4	14.0	868.2	918.0	0.0	-9.6	342.4	10.4	3.1	-9.9	280.2	285.6	2.0	48.0	2.0	173.
3.7	15.0	956.3	908.0	2.0	-8.2	333.7	10.8	4.8	-9.7	283.1	289.3	2.3	46.7	2.2	172.
4.1	16.0	1073.0	895.0	3.6	-7.8	322.5	11.3	6.9	-9.0	286.0	292.5	2.4	42.9	2.5	169.
4.4	17.0	1164.2	885.0	3.8	-7.7	315.4	10.8	7.6	-7.7	287.1	293.8	2.4	42.9	2.7	167.
4.7	19.0	1265.9	874.0	3.8	-8.0	311.4	10.5	7.8	-6.9	288.1	294.8	2.4	41.7	2.8	165.
5.1	19.0	1359.4	864.0	4.0	-8.2	309.1	10.2	7.9	-6.5	289.2	295.9	2.4	40.7	3.0	162.
5.3	20.0	1454.0	854.0	4.0	-8.2	309.1	10.4	8.1	-6.6	290.2	296.9	2.4	40.5	3.1	161.
5.8	21.0	1568.9	842.0	3.5	-8.9	308.2	11.2	8.8	-6.9	290.8	297.3	2.3	39.7	3.4	158.
6.1	22.0	1665.8	832.0	3.3	-9.3	307.7	11.8	9.3	-7.2	291.7	298.1	2.3	39.1	3.6	156.
6.4	23.0	1763.8	822.0	3.1	-9.6	307.8	12.1	9.6	-7.4	292.5	298.9	2.2	38.6	3.8	155.
6.8	24.0	1862.9	812.0	2.3	-10.3	306.4	11.3	9.1	-6.7	292.6	298.7	2.1	38.6	4.0	153.
7.1	25.0	1962.8	802.0	1.5	-11.2	304.9	10.7	8.8	-6.1	292.8	298.6	2.0	38.3	4.2	152.
7.6	26.0	2084.1	790.0	0.8	-11.6	302.5	10.9	9.2	-5.8	293.3	299.0	2.0	38.2	4.5	150.
7.9	27.0	2176.0	781.0	-0.1	-12.6	301.2	10.9	9.3	-5.6	293.3	298.6	1.9	38.2	4.7	148.
8.2	28.0	2279.1	771.0	-0.4	-13.0	299.8	11.0	9.5	-5.5	294.0	299.3	1.8	37.9	4.8	147.
8.6	29.0	2383.4	761.0	-0.9	-13.4	299.1	11.1	9.8	-5.2	294.6	299.7	1.8	37.9	5.1	146.
8.9	30.0	2478.2	752.0	-1.9	-14.2	297.0	11.2	10.0	-5.1	294.5	299.5	1.7	38.1	5.3	145.
9.3	31.0	2584.6	742.0	-2.2	-14.4	295.9	11.5	10.4	-5.0	295.3	300.3	1.7	38.4	5.5	144.
9.7	32.0	2692.2	732.0	-3.2	-15.1	294.6	12.3	11.2	-5.1	295.3	300.0	1.6	39.4	5.7	142.
10.0	33.0	2790.1	723.0	-3.6	-15.4	293.5	13.2	12.1	-5.3	296.0	300.7	1.6	39.4	5.9	141.
10.3	34.0	2889.0	714.0	-3.7	-15.8	291.6	14.9	13.9	-5.5	296.9	301.5	1.6	38.3	6.1	140.
10.7	35.0	2989.2	705.0	-3.9	-16.0	289.8	17.7	16.8	-5.7	297.8	302.4	1.5	38.1	6.4	139.
11.1	36.0	3124.8	693.0	-3.9	-16.2	285.8	21.0	20.2	-5.7	299.2	303.9	1.6	37.5	6.8	137.
11.5	37.0	3239.7	683.0	-2.9	-15.4	282.7	24.5	23.9	-5.4	301.5	306.6	1.7	37.6	7.3	135.
11.8	38.0	3333.2	675.0	-2.3	-14.6	280.6	26.6	26.2	-4.9	303.3	308.7	1.8	38.1	7.7	133.
12.1	39.0	3439.8	666.0	-2.3	-14.1	278.9	28.5	28.1	-4.4	304.4	310.2	1.9	39.7	8.2	131.
12.5	40.0	3547.8	657.0	-2.5	-13.9	277.3	30.2	29.9	-3.9	305.5	311.5	2.0	40.9	8.8	128.
12.9	41.0	3681.7	646.0	-3.2	-14.2	276.2	30.7	30.5	-3.3	306.1	312.0	2.0	42.2	9.4	126.
13.2	42.0	3792.5	637.0	-4.3	-15.0	275.2	30.8	30.7	-2.8	306.1	311.7	1.9	42.8	9.9	124.
13.6	43.0	3904.5	628.0	-5.2	-15.6	273.5	30.8	30.7	-1.9	306.3	311.8	1.8	43.7	10.6	122.
14.1	44.0	4005.0	620.0	-6.3	-16.4	271.1	30.8	30.8	-0.6	306.2	311.4	1.7	44.2	11.4	120.
14.4	45.0	4119.3	611.0	-7.0	-16.9	269.9	30.8	30.8	0.0	306.6	311.7	1.7	44.9	11.9	119.
14.8	46.0	4222.3	603.0	-6.3	-16.1	269.5	30.8	30.8	0.3	308.6	314.2	1.8	45.5	12.5	117.
15.2	47.0	4340.2	594.0	-5.2	-15.7	270.5	31.0	31.0	-0.3	311.2	317.0	1.9	43.3	13.2	115.
15.6	48.0	4446.6	586.0	-5.8	-16.3	272.4	31.5	31.4	-1.3	311.7	317.3	1.8	43.1	13.9	114.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

7 FEBRUARY 1975  
1115 GMT

154 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
16.0	49.0	4554.2	578.0	-6.6	-17.3	274.5	32.5	32.4	-2.5	312.0	317.4	1.7	42.2	14.5	113.
16.3	50.0	4676.7	569.0	-7.3	-17.6	274.5	32.9	32.8	-2.6	312.5	317.8	1.7	43.4	15.1	112.
16.8	51.0	4814.7	559.0	-8.2	-18.2	273.6	33.1	33.0	-2.1	313.1	318.2	1.6	44.1	16.1	111.
17.1	52.0	4926.5	551.0	-8.8	-18.9	272.9	33.0	33.0	-1.6	313.7	318.6	1.6	43.6	16.7	111.
17.5	53.0	5039.7	543.0	-9.8	-19.7	272.2	33.2	33.2	-1.3	313.8	318.5	1.5	43.9	17.4	110.
17.9	54.0	5154.0	535.0	-10.9	-20.6	272.0	33.6	33.6	-1.2	313.7	318.1	1.4	43.8	18.2	109.
18.2	55.0	5269.7	527.0	-11.4	-21.3	271.7	33.6	33.6	-1.0	314.6	318.8	1.3	43.4	18.8	108.
18.7	56.0	5416.5	517.0	-12.2	-22.2	270.9	33.5	33.5	-0.5	315.2	319.3	1.2	43.0	19.8	108.
19.1	57.0	5520.7	510.0	-12.8	-22.8	270.7	33.7	33.7	-0.4	315.8	319.7	1.2	42.6	20.4	107.
19.4	58.0	5641.1	502.0	-13.6	-23.7	271.1	34.3	34.3	-0.7	316.2	319.8	1.1	41.9	21.1	106.
19.9	59.0	5763.1	494.0	-14.7	-24.6	272.0	34.8	34.8	-1.2	316.3	319.7	1.0	42.6	22.1	106.
20.2	60.0	5886.5	486.0	-15.6	-25.3	272.3	34.5	34.5	-1.4	316.7	320.0	1.0	42.8	22.7	105.
20.6	61.0	5995.8	479.0	-16.7	-26.3	272.5	33.8	33.8	-1.5	316.7	319.7	0.9	42.9	23.6	105.
21.0	62.0	6106.3	472.0	-17.5	-27.1	272.8	32.9	32.9	-1.6	317.0	319.9	0.9	42.4	24.3	105.
21.4	63.0	6234.3	464.0	-18.0	-27.9	273.6	32.9	32.8	-2.1	317.8	320.6	0.8	41.3	25.1	104.
21.9	64.0	6364.0	456.0	-19.0	-28.8	274.7	33.8	33.7	-2.8	318.2	320.8	0.8	41.2	26.0	104.
22.2	65.0	6479.1	449.0	-19.9	-29.6	274.8	34.8	34.6	-2.9	318.4	320.9	0.7	41.5	26.6	104.
22.8	66.0	6612.1	441.0	-21.4	-30.9	273.4	36.5	36.5	-2.2	318.2	320.4	0.6	41.6	27.9	103.
23.2	67.0	6746.9	433.0	-22.1	-31.7	271.6	37.7	37.7	-1.1	319.0	321.1	0.6	40.8	28.8	103.
23.6	68.0	6849.4	427.0	-23.0	-32.7	270.0	39.2	39.2	0.0	319.1	321.0	0.6	40.4	29.6	103.
24.1	69.0	6970.4	420.0	-23.7	-33.4	268.7	41.8	41.8	1.0	319.7	321.6	0.5	40.0	30.8	102.
24.4	70.0	7093.0	413.0	-24.5	-34.0	268.1	43.0	43.0	1.4	320.2	322.0	0.5	40.5	31.7	102.
25.0	71.0	7253.1	404.0	-25.8	-35.1	266.5	43.9	43.8	2.7	320.5	322.2	0.5	41.0	33.1	101.
25.3	72.0	7379.6	397.0	-26.7	-36.0	265.2	43.6	43.4	3.6	320.9	322.4	0.4	40.9	33.9	101.
25.8	73.0	7507.8	390.0	-27.5	-36.9	263.2	43.7	43.4	5.2	321.5	322.9	0.4	39.9	35.2	100.
26.2	74.0	7637.9	383.0	-28.3	-37.6	262.3	44.8	44.4	6.0	322.1	323.5	0.4	40.1	36.1	100.
26.6	75.0	7750.9	377.0	-29.7	-38.6	261.9	46.2	45.8	6.5	321.8	323.0	0.3	40.4	37.0	99.
27.0	76.0	7865.0	371.0	-31.0	-39.5	261.4	46.3	45.8	6.9	321.5	322.6	0.3	40.6	38.4	99.
27.4	77.0	7999.8	364.0	-32.1	-40.9	259.5	42.7	42.0	7.8	321.8	322.9	0.3	40.7	39.6	98.
27.8	78.0	8117.0	358.0	-33.1	-41.5	257.8	39.8	38.9	8.4	321.9	322.9	0.3	42.2	40.3	98.
28.2	79.0	8235.5	352.0	-34.2	-42.4	257.8	39.2	38.3	8.3	322.1	323.0	0.3	42.7	41.0	97.
28.6	80.0	8355.5	346.0	-35.5	-43.5	259.6	41.1	40.4	7.4	321.8	322.6	0.2	43.5	41.9	97.
29.1	81.0	8518.1	338.0	-36.4	-44.0	262.2	44.4	43.9	6.0	322.9	323.7	0.2	44.8	43.2	96.
29.5	82.0	8642.2	332.0	-37.0	-44.9	263.4	45.2	44.9	5.2	323.6	324.3	0.2	43.4	44.4	96.
29.9	83.0	8768.0	326.0	-38.3	-46.2	263.3	44.5	44.2	5.2	323.6	324.2	0.2	42.5	45.4	96.
30.3	84.0	8895.5	320.0	-39.4	99.9	263.2	45.5	45.2	5.4	323.9	999.9	99.9	999.9	46.4	95.
30.7	85.0	9024.8	314.0	-40.5	99.9	263.4	49.1*	48.8	5.6	324.1	999.9	99.9	999.9	47.4	95.
31.2	86.0	9178.0	307.0	-41.9	99.9	263.9	55.7*	55.4	6.0	324.2	999.9	99.9	999.9	48.8	95.
31.6	87.0	9311.5	301.0	-42.6	99.9	263.9	59.1*	58.7	6.3	325.1	999.9	99.9	999.9	50.3	94.
32.1	88.0	9447.1	295.0	-43.7	99.9	262.0	56.8*	56.3	7.1	325.3	999.9	99.9	999.9	52.4	94.
32.4	89.0	9584.9	289.0	-44.7	99.9	261.8	54.2*	53.7	7.8	325.8	999.9	99.9	999.9	53.4	94.
32.9	90.0	9701.4	284.0	-46.0	99.9	260.6	54.6*	53.8	8.9	325.6	999.9	99.9	999.9	54.3	93.
33.2	91.0	9843.1	278.0	-47.1	99.9	260.0	55.3*	54.4	9.6	326.1	999.9	99.9	999.9	55.5	93.
33.7	92.0	9962.9	273.0	-48.4	99.9	258.6	53.4*	52.4	10.6	325.8	999.9	99.9	999.9	57.5	93.
34.2	93.0	10108.8	267.0	-49.9	99.9	256.2	47.5*	46.1	11.3	325.7	999.9	99.9	999.9	58.9	92.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 232  
BOOTHVILLE, LA

7 FEBRUARY 1975  
1115 GMT

154 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTN GM/KG	PH PCT	RANGE KM	AZ DG
34.7	94.0	10232.0	262.0	-51.1	99.9	255.1	45.1*	43.6	11.6	325.6	999.9	99.9	999.9	60.0	92.
35.1	95.0	10357.0	257.0	-52.2	99.9	256.3	48.5*	47.1	11.5	325.8	999.9	99.9	999.9	60.8	92.
35.7	96.0	10509.4	251.0	-53.5	99.9	258.1	56.6*	55.4	11.6	326.1	999.9	99.9	999.9	62.8	91.
36.1	97.0	10664.6	245.0	-54.8	99.9	258.1	58.2*	56.9	12.0	326.4	999.9	99.9	999.9	64.5	91.
36.6	98.0	10796.1	240.0	-56.0	99.9	256.9	55.0*	53.6	12.5	326.6	999.9	99.9	999.9	66.0	91.
37.1	99.0	10929.8	235.0	-56.7	99.9	255.9	52.0*	50.5	12.7	327.6	999.9	99.9	999.9	67.5	90.
37.6	100.0	11066.3	230.0	-56.2	99.9	256.0	52.6*	51.0	12.8	330.4	999.9	99.9	999.9	69.0	90.
38.1	101.0	11291.6	222.0	-55.7	99.9	256.2	56.4*	54.8	13.5	334.5	999.9	99.9	999.9	70.4	90.
38.5	102.0	11436.8	217.0	-55.5	99.9	256.1	59.7*	58.0	14.3	336.9	999.9	99.9	999.9	71.9	89.
38.9	103.0	11555.5	213.0	-55.0	99.9	255.9	58.6*	56.8	14.3	339.5	999.9	99.9	999.9	73.4	89.
39.2	104.0	11707.6	208.0	-54.2	99.9	255.6	56.3*	54.5	14.0	343.1	999.9	99.9	999.9	74.5	89.
39.8	105.0	11863.8	203.0	-53.8	99.9	255.4	52.4*	50.7	13.2	346.0	999.9	99.9	999.9	76.2	89.
40.2	106.0	11991.8	199.0	-53.2	99.9	255.4	51.8*	50.2	13.0	349.0	999.9	99.9	999.9	77.2	88.
40.7	107.0	12122.5	195.0	-53.5	99.9	255.6	49.5*	48.0	12.3	350.6	999.9	99.9	999.9	79.1	88.
41.1	108.0	12289.5	190.0	-53.8	99.9	255.6	44.9*	43.5	11.2	352.6	999.9	99.9	999.9	80.4	88.
41.8	109.0	12425.9	186.0	-54.7	99.9	255.6	42.4*	41.1	10.5	353.5	999.9	99.9	999.9	81.5	88.
42.2	110.0	12565.1	182.0	-54.5	99.9	256.3	46.7*	45.4	11.1	355.9	999.9	99.9	999.9	82.6	88.
42.8	111.0	12743.3	177.0	-55.2	99.9	257.9	55.8*	54.6	11.7	357.7	999.9	99.9	999.9	84.5	87.
43.2	112.0	12925.8	172.0	-56.2	99.9	259.2	60.1*	59.1	11.3	359.0	999.9	99.9	999.9	85.8	87.
43.7	113.0	13075.0	168.0	-57.2	99.9	260.7	61.0*	60.2	9.9	359.7	999.9	99.9	999.9	88.0	87.
44.0	114.0	13227.1	164.0	-58.1	99.9	261.4	59.3*	58.7	8.8	360.7	999.9	99.9	999.9	89.4	87.
44.4	115.0	13343.2	161.0	-58.9	99.9	262.7	57.3*	56.9	7.3	361.2	999.9	99.9	999.9	90.2	87.
45.1	116.0	13540.8	156.0	-59.8	99.9	264.7	54.3*	54.1	5.1	362.9	999.9	99.9	999.9	92.7	87.
45.6	117.0	13703.1	152.0	-59.8	99.9	265.6	46.0*	45.9	3.5	365.6	999.9	99.9	999.9	94.6	87.
46.2	118.0	13869.6	148.0	-60.0	99.9	266.7	34.3*	34.2	2.0	368.1	999.9	99.9	999.9	95.7	87.
46.8	119.0	13997.4	145.0	-60.2	99.9	265.4	30.9*	30.8	2.5	370.0	999.9	99.9	999.9	96.7	87.
47.3	120.0	14171.4	141.0	-61.5	99.9	263.2	32.7*	32.5	3.8	370.7	999.9	99.9	999.9	97.7	87.
47.9	121.0	14349.5	137.0	-62.2	99.9	262.1	38.4*	38.1	5.3	372.4	999.9	99.9	999.9	98.9	87.
48.4	122.0	14486.1	134.0	-62.8	99.9	260.9	44.6*	44.0	7.0	373.8	999.9	99.9	999.9	99.8	87.
48.9	123.0	14672.3	130.0	-64.0	99.9	258.5	45.2*	44.3	9.0	374.9	999.9	99.9	999.9	101.9	87.
49.5	124.0	14814.9	127.0	-65.2	99.9	256.4	38.5*	37.4	9.1	375.3	999.9	99.9	999.9	103.1	86.
50.0	125.0	14960.5	124.0	-65.4	99.9	258.2	34.6*	33.9	7.1	377.5	999.9	99.9	999.9	104.1	86.
50.6	126.0	15159.3	120.0	-66.8	99.9	261.6	36.4*	36.0	5.3	378.4	999.9	99.9	999.9	105.4	86.
51.1	127.0	15312.0	117.0	-67.7	99.9	264.1	39.4*	39.2	4.1	379.5	999.9	99.9	999.9	106.4	86.
51.6	128.0	15521.1	113.0	-68.1	99.9	267.3	41.6*	41.6	2.0	382.5	999.9	99.9	999.9	107.7	86.
52.0	129.0	15682.4	110.0	-69.0	99.9	270.4	41.9*	41.9	-0.3	383.8	999.9	99.9	999.9	108.8	86.
52.4	130.0	15847.4	107.0	-69.7	99.9	272.9	40.4*	40.4	-2.0	385.6	999.9	99.9	999.9	109.8	86.
53.1	131.0	16074.1	103.0	-70.4	99.9	273.4	38.6*	38.5	-2.3	388.5	999.9	99.9	999.9	111.4	86.
53.6	132.0	16249.7	100.0	-70.4	99.9	270.7	38.7*	38.7	-0.4	391.8	999.9	99.9	999.9	112.5	86.
54.1	133.0	16430.6	97.0	-70.4	99.9	268.0	38.9*	38.9	1.4	395.2	999.9	99.9	999.9	113.7	86.
54.6	134.0	16616.9	94.0	-71.1	99.9	266.7	37.3*	37.3	2.1	397.4	999.9	99.9	999.9	114.9	86.
55.1	135.0	16808.4	91.0	-72.0	99.9	266.5	33.7*	33.7	2.1	399.2	999.9	99.9	999.9	116.1	86.
55.9	136.0	17005.6	88.0	-72.8	99.9	266.5	28.9*	28.9	1.8	401.6	999.9	99.9	999.9	117.4	86.
56.7	137.0	17209.0	85.0	-73.0	99.9	266.3	31.4*	31.4	2.0	405.1	999.9	99.9	999.9	118.8	86.
57.4	138.0	17419.3	82.0	-73.8	99.9	265.0	36.7*	36.5	3.2	407.7	999.9	99.9	999.9	120.1	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232  
BOOTHVILLE, LA

7 FEBRUARY 1975  
1115 GMT

154 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTQ GM/KG	RH PCT	RANGE KM	AZ DG
58.1	139.0	17711.0	78.0	-74.3	99.9	262.4	37.5*	37.2	4.9	412.5	999.9	99.9	999.9	121.9	86.
58.8	140.0	17939.2	75.0	-74.8	99.9	260.8	33.1*	32.7	5.3	416.1	999.9	99.9	999.9	123.4	86.
59.7	141.0	18177.7	72.0	-72.5	99.9	265.7	29.7*	29.7	2.2	425.8	999.9	99.9	999.9	125.0	86.
60.6	142.0	18428.1	69.0	-72.0	99.9	270.9	29.2*	29.2	-0.5	432.1	999.9	99.9	999.9	126.6	86.
61.6	143.0	18692.0	66.0	-69.0	99.9	272.5	28.0*	27.9	-1.2	444.2	999.9	99.9	999.9	128.3	86.
62.5	144.0	18970.3	63.0	-68.8	99.9	277.9	17.9*	17.7	-2.5	450.6	999.9	99.9	999.9	130.0	86.
63.4	145.0	19262.4	60.0	-68.8	99.9	267.7	22.6*	22.6	0.9	457.0	999.9	99.9	999.9	130.4	87.
64.5	146.0	19568.9	57.0	-69.5	99.9	261.8	29.3*	29.0	4.2	462.2	999.9	99.9	999.9	132.4	86.
65.7	147.0	19894.7	54.0	-65.4	99.9	265.1	31.8*	31.7	2.7	478.8	999.9	99.9	999.9	134.5	86.
66.7	148.0	20242.8	51.0	-65.2	99.9	260.5	31.1*	30.7	5.2	487.1	999.9	99.9	999.9	136.5	86.
67.7	149.0	20497.2	49.0	-64.0	99.9	255.5	30.9*	29.9	7.7	495.6	999.9	99.9	999.9	138.2	86.
68.9	150.0	20876.6	46.0	-61.5	99.9	255.1	24.7*	23.8	6.3	510.6	999.9	99.9	999.9	140.6	86.
70.3	151.0	21294.7	43.0	-61.5	99.9	225.8	5.5*	4.0	3.8	520.6	999.9	99.9	999.9	140.7	86.
71.6	152.0	21743.1	40.0	-61.5	99.9	244.9	11.4*	10.3	4.8	531.5	999.9	99.9	999.9	142.4	86.
72.8	153.0	22060.1	38.0	-62.8	99.9	253.5	8.1*	7.9	1.6	535.9	999.9	99.9	999.9	142.3	86.
74.4	154.0	22566.3	35.0	-63.2	99.9	270.9	17.7*	17.7	-0.3	547.7	999.9	99.9	999.9	143.4	86.
75.9	155.0	23117.7	32.0	-63.0	99.9	265.9	36.2*	36.1	2.6	562.4	999.9	99.9	999.9	146.4	86.
77.5	156.0	23723.6	29.0	-63.0	99.9	999.9	99.9	99.9	99.9	578.5	999.9	99.9	999.9	999.9	999.
79.1	157.0	24163.7	27.0	-62.8	99.9	999.9	99.9	99.9	99.9	591.0	999.9	99.9	999.9	999.9	999.

STATION NO. 235  
JACKSON, MISS

5 FEBRUARY 1975  
2315 GMT

154 23. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	100.0	1003.0	16.4	6.0	300.0	4.2	3.6	-2.1	290.1	305.6	5.8	50.0	0.0	0.
0.1	6.0	151.1	997.0	16.6	6.7	149.6	2.8	-1.4	2.4	290.8	307.3	6.2	52.2	0.4	112.
0.5	7.0	262.8	984.0	15.9	6.5	149.6	2.8	-1.4	2.4	291.3	307.7	6.2	53.5	0.4	112.
0.9	8.0	375.6	971.0	14.9	5.8	243.5	2.2	2.0	1.0	291.3	307.2	6.0	54.4	0.4	106.
1.2	9.0	489.5	958.0	13.9	5.1	270.7	4.6	4.6	-0.1	291.4	306.8	5.8	55.3	0.5	104.
1.6	10.0	595.7	946.0	12.9	4.7	277.4	7.4	7.3	-1.0	291.4	306.6	5.7	57.3	0.6	102.
2.0	11.0	729.8	931.0	11.6	3.3	274.2	7.4	7.3	-0.5	291.3	305.9	5.4	58.9	0.8	101.
2.4	12.0	847.2	918.0	10.3	2.0	270.7	7.3	7.3	-0.1	291.1	305.0	5.2	60.3	1.0	99.
2.7	13.0	956.6	906.0	9.5	3.2	270.4	7.6	7.6	-0.1	291.5	305.7	5.3	64.5	1.1	98.
3.1	14.0	1067.1	894.0	8.2	3.3	271.8	8.3	8.3	-0.3	291.3	305.9	5.5	71.2	1.3	97.
3.5	15.0	1178.6	882.0	7.2	3.0	273.6	9.1	9.1	-0.6	291.3	305.7	5.4	74.6	1.5	97.
4.0	16.0	1319.6	867.0	5.7	2.1	278.1	9.8	9.7	-1.4	291.2	305.1	5.2	77.5	1.8	96.
4.4	17.0	1433.6	855.0	4.9	0.0	282.5	10.1	9.9	-1.2	291.3	303.5	4.5	70.8	2.0	97.
4.9	18.0	1539.1	844.0	3.7	-1.0	281.7	10.8	10.6	-1.2	291.1	302.4	4.1	70.1	2.3	98.
5.3	19.0	1655.2	832.0	2.3	-0.0	279.4	12.1	11.9	-2.0	290.9	302.6	4.3	79.3	2.6	98.
5.7	20.0	1762.7	821.0	1.7	-3.0	279.2	13.3	13.1	-2.1	291.2	300.8	3.5	66.2	2.9	98.
6.1	21.0	1901.4	807.0	1.5	-7.1	280.6	14.5	14.2	-2.7	292.4	300.2	2.8	52.8	3.3	98.
6.6	22.0	2022.1	795.0	1.5	-13.0	280.9	16.9	16.6	-3.2	293.5	298.6	1.8	33.1	3.7	99.
6.9	23.0	2134.7	784.0	3.3	-14.5	278.4	18.7	18.5	-2.7	296.6	301.3	1.6	25.6	4.0	99.
7.2	24.0	2249.4	773.0	4.0	-14.8	276.2	20.4	20.3	-2.2	298.5	303.2	1.6	23.8	4.4	99.
7.7	25.0	2365.6	762.0	3.0	-13.9	272.8	22.9	22.9	-1.1	298.7	303.8	1.7	27.6	5.1	98.
8.1	26.0	2504.8	749.0	2.3	-12.9	270.0	24.6	24.6	-0.0	299.5	305.1	1.9	31.4	5.6	98.
8.6	27.0	2624.3	738.0	2.2	-15.5	267.0	26.6	26.5	1.4	300.5	305.2	1.5	25.6	6.4	96.
9.0	28.0	2734.2	728.0	1.3	-13.0	265.1	27.9	27.8	2.4	300.8	306.6	1.9	33.4	7.1	96.
9.4	29.0	2856.5	717.0	0.0	-14.0	263.2	28.5	28.2	3.4	300.7	306.0	1.8	33.7	7.7	95.
9.7	30.0	2968.8	707.0	-0.9	-15.7	261.4	28.5	28.1	4.2	300.8	305.6	1.6	31.4	8.2	94.
10.1	31.0	3082.3	697.0	-1.7	-18.2	258.9	29.2	27.6	5.4	301.1	305.1	1.3	27.0	9.0	93.
10.5	32.0	3208.6	686.0	-2.8	-17.4	256.2	27.7	26.9	6.6	301.3	305.6	1.4	31.4	9.6	92.
10.9	33.0	3324.8	676.0	-3.6	-21.7	254.4	27.9	26.9	7.5	301.6	304.7	1.0	22.9	10.2	91.
11.3	34.0	3442.3	666.0	-4.5	-22.7	253.2	28.5	27.3	8.2	301.8	304.8	1.0	23.4	10.8	90.
11.7	35.0	3561.2	656.0	-5.7	-21.3	252.4	29.0	27.6	8.8	301.8	305.1	1.1	27.9	11.5	89.
12.1	36.0	3693.5	645.0	-6.6	-20.6	251.8	29.5	28.0	9.2	302.2	305.8	1.1	31.8	12.2	88.
12.5	37.0	3815.3	635.0	-8.0	-21.9	251.8	30.0	28.5	9.4	302.0	305.3	1.0	31.5	12.9	87.
12.9	38.0	3938.4	625.0	-9.2	-21.4	252.9	31.6	30.2	9.3	302.1	305.5	1.1	36.0	13.5	86.
13.3	39.0	4050.5	616.0	-9.4	-25.1	253.9	33.6	32.3	9.3	303.0	305.5	0.8	26.5	14.3	85.
13.7	40.0	4164.3	607.0	-9.4	-23.6	254.2	35.5	34.1	9.7	304.3	307.2	0.9	30.5	15.1	85.
14.1	41.0	4318.7	595.0	-9.2	-22.7	253.9	36.8	35.3	10.2	306.4	309.7	1.1	33.4	16.0	84.
14.6	42.0	4436.6	586.0	-9.3	-19.8	253.3	37.7	36.1	10.9	307.6	311.8	1.3	41.8	17.1	83.
15.0	43.0	4556.0	577.0	-10.5	-19.8	253.3	38.4	36.8	11.0	307.6	311.9	1.4	46.2	18.0	83.
15.4	44.0	4676.8	568.0	-11.7	-20.3	253.9	39.2	37.6	10.9	307.4	311.6	1.3	48.9	18.9	82.
15.8	45.0	4799.1	559.0	-12.2	-20.7	254.4	39.7	38.3	10.7	308.3	312.4	1.3	48.9	19.9	82.
16.1	46.0	4923.1	550.0	-13.0	-21.5	254.7	39.8	38.4	10.5	308.8	312.7	1.2	48.8	20.6	82.
16.6	47.0	5034.5	542.0	-14.1	-22.7	255.0	38.7	37.4	10.0	308.7	312.3	1.1	47.9	21.8	81.
17.0	48.0	5161.4	533.0	-15.0	-23.6	254.9	36.8	35.6	9.6	309.2	312.6	1.1	47.7	22.8	81.
17.4	49.0	5275.7	525.0	-15.9	-24.1	254.8	36.0	34.7	9.5	309.3	312.6	1.0	49.2	23.5	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

5 FEBRUARY 1975  
2315 GMT

154 23. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.9	50.0	5405.8	516.0	-16.9	-25.1	254.5	37.8	36.4	10.1	309.7	312.8	1.0	48.9	24.5	81.
18.3	51.0	5552.5	506.0	-17.9	-26.0	254.3	40.3	38.8	10.9	310.3	313.2	0.9	48.5	25.5	80.
18.7	52.0	5671.6	498.0	-18.4	-27.1	253.9	41.8	40.2	11.6	311.0	313.7	0.8	46.0	26.6	80.
19.0	53.0	5792.2	490.0	-19.4	-27.5	253.5	42.1	40.3	11.9	311.3	313.9	0.8	48.0	27.4	80.
19.4	54.0	5914.4	482.0	-20.3	-28.8	252.9	41.2	39.4	12.1	311.6	314.0	0.7	46.3	28.3	80.
19.8	55.0	6038.2	474.0	-21.1	-29.7	252.3	40.5	38.6	12.3	312.1	314.3	0.7	45.6	29.2	80.
20.2	56.0	6195.6	464.0	-21.6	-30.4	251.5	39.7	37.7	12.6	313.3	315.5	0.7	44.8	30.2	79.
20.6	57.0	6323.4	456.0	-22.8	-31.3	250.6	38.7	36.5	12.8	313.4	315.4	0.6	45.4	31.2	79.
21.0	58.0	6436.7	449.0	-23.9	-32.4	249.4	37.3	34.9	13.1	313.4	315.3	0.6	45.0	32.1	79.
21.5	59.0	6567.8	441.0	-24.6	-33.3	248.3	37.3	34.6	13.8	314.2	315.9	0.5	44.0	33.1	78.
21.9	60.0	6684.1	434.0	-25.5	-34.2	248.1	39.5	36.7	14.8	314.5	316.1	0.5	43.8	34.0	78.
22.3	61.0	6818.9	426.0	-26.3	-34.9	248.1	43.0	39.9	16.0	315.1	316.7	0.5	43.5	34.9	78.
22.7	62.0	6938.6	419.0	-27.1	-35.6	249.1	46.9*	43.5	17.5	315.6	317.1	0.4	43.8	36.0	78.
23.1	63.0	7059.7	412.0	-28.2	-36.8	247.8	49.9*	46.2	18.9	315.6	316.9	0.4	43.4	37.1	77.
23.5	64.0	7182.5	405.0	-28.9	-38.0	247.0	50.1*	46.1	19.6	316.3	317.5	0.3	40.8	38.5	77.
23.9	65.0	7307.1	398.0	-29.8	-38.7	245.1	44.8*	40.7	18.9	316.7	317.8	0.3	41.2	39.9	77.
24.4	66.0	7451.5	390.0	-31.0	-39.7	242.7	39.5*	35.1	18.1	317.0	318.0	0.3	41.6	40.9	76.
24.9	67.0	7579.7	383.0	-32.0	-40.5	243.2	42.0*	37.5	18.9	317.2	318.2	0.3	42.2	41.6	76.
25.3	68.0	7709.6	376.0	-33.3	-41.4	244.7	47.7*	43.1	20.4	317.2	318.1	0.3	44.0	42.8	76.
25.7	69.0	7822.4	370.0	-34.3	-41.5	245.6	52.0*	47.4	21.5	317.4	318.3	0.3	47.3	44.2	75.
26.1	70.0	7955.8	363.0	-35.5	-42.7	245.8	53.5*	48.8	21.9	317.5	318.4	0.2	47.1	45.5	75.
26.7	71.0	8110.5	355.0	-36.8	-44.0	244.9	51.9*	47.0	22.0	317.8	318.6	0.2	46.9	47.3	75.
27.1	72.0	8228.2	349.0	-38.1	-45.2	244.1	51.1*	45.9	22.3	317.5	318.2	0.2	46.8	48.5	74.
27.5	73.0	8367.4	342.0	-39.2	-45.6	243.6	50.9*	45.6	22.6	317.9	318.6	0.2	49.9	49.8	74.
27.9	74.0	8488.4	336.0	-40.1	99.9	244.0	52.3*	47.0	22.9	318.3	999.9	99.9	999.9	50.9	74.
28.4	75.0	8611.1	330.0	-41.2	99.9	244.9	55.3*	50.1	23.4	318.5	999.9	99.9	999.9	52.4	74.
28.8	76.0	8735.5	324.0	-42.2	99.9	245.3	57.3*	52.1	24.0	318.8	999.9	99.9	999.9	53.8	73.
29.2	77.0	8861.7	318.0	-43.3	99.9	245.4	58.3*	53.0	24.3	319.0	999.9	99.9	999.9	55.3	73.
29.7	78.0	8968.1	313.0	-44.4	99.9	245.3	57.5*	52.2	24.1	318.9	999.9	99.9	999.9	57.0	73.
30.1	79.0	9057.5	307.0	-45.6	99.9	245.1	55.6*	50.4	23.3	318.9	999.9	99.9	999.9	58.4	73.
30.6	80.0	9228.6	301.0	-46.9	99.9	245.1	51.9*	47.1	21.9	318.9	999.9	99.9	999.9	60.0	73.
31.1	81.0	9384.2	294.0	-47.9	99.9	245.1	48.5*	44.0	20.4	319.6	999.9	99.9	999.9	61.5	72.
31.6	82.0	9519.9	288.0	-49.1	99.9	245.3	47.9*	43.6	20.0	319.9	999.9	99.9	999.9	62.8	72.
32.0	83.0	9634.5	283.0	-50.4	99.9	245.6	49.9*	45.5	20.6	319.6	999.9	99.9	999.9	63.8	72.
32.5	84.0	9774.0	277.0	-51.5	99.9	245.7	52.8*	48.1	21.7	320.0	999.9	99.9	999.9	65.5	72.
32.9	85.0	9891.9	272.0	-52.7	99.9	245.4	52.2*	47.5	21.8	319.9	999.9	99.9	999.9	66.9	72.
33.4	86.0	10035.5	266.0	-53.9	99.9	244.3	48.4*	43.6	21.0	320.2	999.9	99.9	999.9	68.4	72.
33.8	87.0	10181.8	260.0	-54.7	99.9	242.5	43.7*	38.7	20.2	321.1	999.9	99.9	999.9	69.6	72.
34.2	88.0	10305.8	255.0	-55.4	99.9	240.2	40.2*	34.9	20.0	322.0	999.9	99.9	999.9	70.6	71.
34.7	89.0	10431.9	250.0	-56.2	99.9	238.0	41.3*	35.0	21.8	322.6	999.9	99.9	999.9	71.4	71.
35.2	90.0	10534.4	246.0	-56.2	99.9	237.8	47.5*	40.2	25.3	324.1	999.9	99.9	999.9	72.6	71.
35.6	91.0	10665.1	241.0	-55.5	99.9	238.1	51.1*	43.4	27.0	327.0	999.9	99.9	999.9	74.0	71.
36.1	92.0	10798.8	236.0	-55.4	99.9	237.8	48.4*	40.9	25.8	329.2	999.9	99.9	999.9	75.7	70.
36.4	93.0	10935.5	231.0	-55.2	99.9	237.0	44.4*	37.7	24.2	331.4	999.9	99.9	999.9	76.5	70.
36.9	94.0	11046.8	227.0	-56.0	99.9	235.5	41.1*	33.9	23.2	331.9	999.9	99.9	999.9	77.5	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

5 FEBRUARY 1975  
2315 GMT

154 23. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.2	95.0	11188.1	222.0	-57.0	99.9	235.3	42.9*	35.3	24.4	332.5	999.9	99.9	999.9	78.2	70.
37.7	96.0	11361.2	216.0	-58.0	99.9	236.1	51.4*	42.6	28.6	333.5	999.9	99.9	999.9	79.3	70.
38.2	97.0	11478.7	212.0	-59.2	99.9	237.2	61.7*	51.8	33.4	333.5	999.9	99.9	999.9	80.9	69.
38.6	98.0	11598.9	208.0	-56.5	99.9	237.2	64.5*	54.2	34.9	339.5	999.9	99.9	999.9	82.9	69.
39.1	99.0	11753.4	203.0	-56.2	99.9	235.7	56.8*	46.9	32.0	342.4	999.9	99.9	999.9	85.1	69.
39.6	100.0	11880.2	199.0	-55.2	99.9	234.4	49.4*	40.2	28.8	345.9	999.9	99.9	999.9	86.0	69.
40.2	101.0	12042.5	194.0	-55.5	99.9	237.0	54.2*	45.5	29.5	347.9	999.9	99.9	999.9	87.6	68.
40.8	102.0	12175.1	190.0	-56.3	99.9	239.9	60.8*	52.6	30.5	348.7	999.9	99.9	999.9	90.0	68.
41.2	103.0	12310.2	186.0	-56.3	99.9	241.2	62.7*	54.9	30.2	350.8	999.9	99.9	999.9	91.5	68.
41.7	104.0	12448.5	182.0	-55.5	99.9	241.8	64.6*	56.9	30.5	354.3	999.9	99.9	999.9	93.1	68.
42.1	105.0	12590.5	178.0	-54.6	99.9	241.7	64.4*	56.7	30.5	358.1	999.9	99.9	999.9	94.7	68.
42.5	106.0	12736.1	174.0	-54.4	99.9	241.0	57.9*	50.6	28.1	360.7	999.9	99.9	999.9	96.7	68.
43.0	107.0	12847.5	171.0	-54.6	99.9	238.4	35.6*	30.3	18.6	362.2	999.9	99.9	999.9	98.8	68.
43.5	108.0	12999.0	167.0	-54.6	99.9	234.6	22.3*	18.2	12.9	364.7	999.9	99.9	999.9	98.6	68.
44.1	109.0	13153.9	163.0	-55.5	99.9	238.6	39.2*	33.4	20.4	365.6	999.9	99.9	999.9	98.7	67.
44.6	110.0	13272.0	160.0	-56.7	99.9	240.6	55.3*	48.2	27.1	365.7	999.9	99.9	999.9	100.9	67.
45.1	111.0	13472.7	155.0	-58.0	99.9	241.5	56.0*	49.2	26.7	366.8	999.9	99.9	999.9	103.3	67.
45.6	112.0	13595.6	152.0	-59.0	99.9	242.1	53.1*	46.9	24.9	367.1	999.9	99.9	999.9	104.3	67.
46.2	113.0	13762.8	148.0	-59.3	99.9	242.5	58.1*	51.6	26.8	369.3	999.9	99.9	999.9	106.0	67.
46.6	114.0	13890.9	145.0	-59.7	99.9	242.7	56.8*	50.5	26.1	370.9	999.9	99.9	999.9	108.0	67.
47.1	115.0	14021.3	142.0	-60.9	99.9	242.6	42.4*	37.7	19.6	371.0	999.9	99.9	999.9	110.0	67.
47.7	116.0	14198.9	138.0	-61.1	99.9	239.4	29.1*	25.1	14.8	373.7	999.9	99.9	999.9	110.4	67.
48.2	117.0	14335.2	135.0	-61.8	99.9	236.3	32.7*	27.2	18.2	374.8	999.9	99.9	999.9	111.1	67.
48.7	118.0	14521.3	131.0	-62.0	99.9	236.6	43.2*	36.1	23.8	377.7	999.9	99.9	999.9	112.3	67.
49.2	119.0	14664.4	128.0	-62.7	99.9	238.7	51.2*	43.7	26.6	378.9	999.9	99.9	999.9	113.7	67.
49.7	120.0	14810.4	125.0	-63.1	99.9	241.0	51.8*	45.3	25.1	380.8	999.9	99.9	999.9	115.6	66.
50.1	121.0	14959.9	122.0	-63.1	99.9	243.1	48.1*	42.9	21.7	383.5	999.9	99.9	999.9	117.0	66.
50.7	122.0	15113.1	119.0	-63.2	99.9	246.7	46.1*	42.3	18.2	385.9	999.9	99.9	999.9	118.2	66.
51.1	123.0	15217.1	117.0	-64.0	99.9	248.3	49.6*	46.1	18.4	386.4	999.9	99.9	999.9	119.1	66.
51.6	124.0	15376.1	114.0	-64.4	99.9	248.7	53.6*	49.9	19.5	388.5	999.9	99.9	999.9	121.0	66.
52.1	125.0	15539.3	111.0	-64.0	99.9	248.1	50.8*	47.1	18.9	392.2	999.9	99.9	999.9	122.9	66.
52.8	126.0	15764.0	107.0	-64.4	99.9	247.0	48.5*	44.6	19.0	395.6	999.9	99.9	999.9	124.4	66.
53.3	127.0	15879.1	105.0	-65.3	99.9	247.1	50.8*	46.8	19.8	395.9	999.9	99.9	999.9	126.0	66.
53.8	128.0	16055.5	102.0	-65.5	99.9	248.1	49.8*	46.2	18.6	398.9	999.9	99.9	999.9	127.9	66.
54.4	129.0	16175.8	100.0	-65.7	99.9	250.0	47.0*	44.2	16.1	400.8	999.9	99.9	999.9	129.3	67.
54.9	130.0	16360.5	97.0	-66.5	99.9	250.5	51.5*	48.5	17.2	402.7	999.9	99.9	999.9	130.5	67.
55.6	131.0	16551.1	94.0	-65.5	99.9	249.6	56.2*	52.7	19.6	408.3	999.9	99.9	999.9	133.1	67.
56.1	132.0	16748.3	91.0	-65.7	99.9	248.7	48.7*	45.4	17.7	411.7	999.9	99.9	999.9	135.1	67.
56.7	133.0	16883.5	89.0	-65.1	99.9	247.5	31.9*	29.5	12.2	415.5	999.9	99.9	999.9	136.4	67.
57.2	134.0	17092.1	86.0	-65.9	99.9	245.7	17.8*	16.2	7.3	418.0	999.9	99.9	999.9	137.2	67.
57.9	135.0	17234.5	84.0	-66.9	99.9	218.2	3.9*	2.4	3.0	418.8	999.9	99.9	999.9	137.4	67.
58.3	136.0	17454.0	81.0	-67.3	99.9	187.6	3.8*	0.5	3.8	422.4	999.9	99.9	999.9	137.4	67.
58.9	137.0	17681.0	78.0	-68.4	99.9	220.0	11.9*	7.7	9.1	424.8	999.9	99.9	999.9	137.0	67.
59.7	138.0	17916.2	75.0	-68.6	99.9	236.7	29.3*	24.5	16.1	429.2	999.9	99.9	999.9	138.4	66.
60.5	139.0	18161.5	72.0	-67.3	99.9	246.5	29.0*	26.6	11.6	436.8	999.9	99.9	999.9	140.2	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

5 FEBRUARY 1975  
2315 GMT

154 23. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.2	140.0	18333.0	70.0	-63.4	99.9	259.8	21.7*	21.4	3.8	448.7	999.9	99.9	999.9	141.1	66.
61.9	141.0	18602.5	67.0	-62.7	99.9	264.2	25.4*	25.3	2.6	456.0	999.9	99.9	999.9	141.7	67.
62.8	142.0	18883.9	64.0	-64.2	99.9	255.9	42.8*	41.5	10.4	458.7	999.9	99.9	999.9	143.4	67.
63.6	143.0	19077.7	62.0	-65.3	99.9	252.7	47.7*	45.6	14.2	460.3	999.9	99.9	999.9	146.0	67.
64.4	144.0	19380.3	59.0	-64.4	99.9	257.1	16.9*	16.5	3.8	469.1	999.9	99.9	999.9	148.1	67.
65.2	145.0	19699.5	56.0	-64.4	99.9	67.8	19.0*	-17.5	-7.2	476.1	999.9	99.9	999.9	148.0	67.
66.2	146.0	19922.5	54.0	-63.2	99.9	250.9	18.2*	17.2	5.9	483.7	999.9	99.9	999.9	145.8	67.
67.1	147.0	20272.7	51.0	-64.8	99.9	253.2	38.3*	36.7	11.1	488.1	999.9	99.9	999.9	149.4	67.
68.1	148.0	20516.6	49.0	-65.1	99.9	54.8	20.2*	-16.5	-11.7	492.8	999.9	99.9	999.9	150.5	67.
69.1	149.0	20901.0	46.0	-65.7	99.9	262.8	15.3*	15.2	1.9	500.4	999.9	99.9	999.9	146.9	67.
70.1	150.0	21170.6	44.0	-66.5	99.9	251.6	35.7*	33.8	11.3	504.2	999.9	99.9	999.9	151.8	67.
71.3	151.0	21600.5	41.0	-64.2	99.9	49.8	26.4*	-20.2	-17.1	521.0	999.9	99.9	999.9	151.3	67.
72.6	152.0	21907.4	39.0	-63.1	99.9	264.2	20.2*	20.1	2.0	531.3	999.9	99.9	999.9	149.8	68.
73.9	153.0	22400.6	36.0	-62.5	99.9	265.8	20.6*	20.5	1.5	545.1	999.9	99.9	999.9	152.8	68.
75.1	154.0	22934.9	33.0	-64.6	99.9	267.6	24.8*	24.7	1.0	553.4	999.9	99.9	999.9	152.8	68.
76.6	155.0	23317.2	31.0	-64.2	99.9	276.7	5.2*	5.2	-0.6	564.4	999.9	99.9	999.9	154.8	68.
78.1	156.0	23940.5	28.0	-64.0	99.9	260.3	18.7*	18.4	3.2	581.6	999.9	99.9	999.9	156.9	68.
79.9	157.0	24395.6	26.0	-63.1	99.9	241.4	22.8	20.0	10.9	596.7	999.9	99.9	999.9	158.3	68.
81.7	158.0	25153.0	23.0	-61.4	99.9	999.9	99.9	99.9	99.9	622.8	999.9	99.9	999.9	999.9	999.

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
534 GMT

166 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	100.0	1004.4	7.2	7.2	290.0	2.1	2.0	-0.7	280.8	296.9	6.4	100.0	0.0	0.
0.2	5.0	153.0	998.0	10.1	5.1	312.9	7.4	5.4	-5.0	284.1	298.5	5.5	71.0	0.2	115.
0.5	6.0	270.6	984.0	10.3	6.4	312.9	7.4	5.4	-5.0	285.6	301.5	6.1	76.7	0.2	115.
0.9	7.0	372.7	972.0	9.2	5.7	316.8	7.7	5.3	-5.5	285.4	300.9	5.9	79.0	0.4	123.
1.2	8.0	475.6	960.0	8.5	6.2	317.2	7.6	5.2	-5.5	285.7	301.8	6.2	85.5	0.5	128.
1.6	9.0	579.7	948.0	8.3	5.1	313.5	7.1	5.2	-4.7	286.5	301.7	5.8	80.3	0.7	131.
1.9	10.0	676.2	937.0	7.9	4.4	304.3	6.7	5.6	-3.8	287.1	301.8	5.6	78.4	0.8	130.
2.3	11.0	809.4	922.0	7.2	3.3	285.7	6.7	6.4	-1.8	287.6	301.6	5.3	76.1	1.0	128.
2.6	12.0	908.1	911.0	6.3	4.2	269.7	7.3	7.3	0.0	287.8	302.7	5.7	86.0	1.1	125.
3.0	13.0	1017.0	899.0	6.1	3.6	250.8	9.5	8.9	3.1	288.7	303.3	5.5	83.7	1.2	119.
3.3	14.0	1118.0	888.0	6.5	-1.5	247.6	10.6	9.8	4.3	289.8	300.3	3.9	56.7	1.4	112.
3.6	15.0	1220.4	877.0	6.5	-2.5	246.8	11.1	10.2	4.4	290.8	300.8	3.6	52.5	1.5	106.
4.0	16.0	1342.7	864.0	5.3	-5.1	251.1	10.2	9.7	3.3	290.7	299.1	3.0	46.9	1.7	101.
4.4	17.0	1447.2	853.0	4.4	-6.1	256.7	10.9	10.6	2.5	290.9	298.7	2.8	46.1	1.9	98.
4.7	18.0	1552.8	842.0	3.7	-6.9	257.7	11.3	11.1	2.4	291.2	298.7	2.7	45.4	2.1	96.
5.1	19.0	1659.5	831.0	3.1	-8.7	257.5	11.8	11.5	2.6	291.5	298.2	2.4	41.4	2.4	94.
5.5	20.0	1757.4	821.0	2.4	-8.5	257.9	12.2	12.0	2.6	291.9	298.8	2.5	44.3	2.6	92.
5.9	21.0	1886.4	808.0	2.1	-7.9	259.1	14.2	14.0	2.7	292.9	300.2	2.6	47.5	3.0	91.
6.3	22.0	1996.8	797.0	0.8	-8.0	258.8	14.7	14.4	2.7	292.6	300.0	2.6	51.9	3.3	90.
6.6	23.0	2098.1	787.0	-0.4	-7.9	259.0	14.7	14.5	2.8	292.5	300.0	2.7	56.5	3.6	89.
7.0	24.0	2200.3	777.0	-0.8	-9.2	261.3	15.1	14.9	2.3	293.0	300.0	2.5	53.2	3.9	88.
7.4	25.0	2314.0	766.0	-2.0	-11.7	263.9	15.9	15.9	1.7	292.9	298.8	2.0	47.3	4.3	87.
7.7	26.0	2439.6	754.0	-1.6	-14.5	266.0	16.9	16.9	1.2	294.5	299.4	1.6	36.7	4.6	87.
8.1	27.0	2545.9	744.0	-1.5	-16.8	268.9	18.6	18.6	0.4	295.8	299.9	1.4	29.9	5.0	87.
8.5	28.0	2653.5	734.0	-2.1	-16.4	271.6	20.7	20.7	-0.6	296.3	300.5	1.4	32.3	5.4	87.
8.8	29.0	2751.5	725.0	-2.4	-15.4	272.6	22.6	22.6	-1.7	297.0	301.7	1.6	36.1	5.8	88.
9.1	30.0	2861.6	715.0	-3.2	-15.2	272.7	24.5	24.5	-1.2	297.3	302.2	1.6	38.8	6.3	88.
9.5	31.0	2961.8	706.0	-3.8	-15.0	271.3	26.8	26.8	-0.6	297.7	302.7	1.7	41.5	6.8	89.
9.9	32.0	3074.3	696.0	-4.4	-16.9	267.8	28.6	28.5	1.1	298.2	302.6	1.5	36.9	7.6	89.
10.3	33.0	3188.2	686.0	-4.7	-14.6	264.1	30.2	30.1	3.1	299.2	304.5	1.8	46.0	8.3	89.
10.7	34.0	3292.1	677.0	-4.9	-14.9	261.2	32.0	31.6	4.9	300.1	305.4	1.8	45.2	9.0	88.
11.1	35.0	3409.1	667.0	-5.2	-13.8	259.3	33.8	33.2	6.3	301.1	306.9	2.0	50.5	9.8	87.
11.6	36.0	3539.7	656.0	-5.8	-13.4	258.2	35.7	35.0	7.3	301.9	308.0	2.1	54.7	10.8	87.
12.0	37.0	3660.1	646.0	-5.8	-20.7	257.5	36.8	35.9	8.7	303.1	306.6	1.1	29.6	11.7	86.
12.4	38.0	3757.6	638.0	-6.7	-17.3	256.6	36.8	35.8	8.5	303.2	307.8	1.5	42.4	12.6	85.
12.8	39.0	3868.4	629.0	-7.6	-17.4	255.6	35.7	34.6	8.9	303.4	308.1	1.5	45.0	13.5	85.
13.1	40.0	3980.4	620.0	-8.5	-17.1	255.1	34.9	33.7	9.0	303.6	308.5	1.6	49.5	14.2	84.
13.6	41.0	4119.1	609.0	9.3	-17.3	254.9	35.5	34.3	9.3	304.2	309.1	1.6	52.2	15.1	84.
14.0	42.0	4234.2	600.0	3.6	-16.8	255.4	39.3	38.0	9.9	305.2	310.4	1.7	55.9	15.6	83.
14.4	43.0	4350.9	591.0	-9.9	-16.5	255.7	43.4	42.0	10.7	306.1	311.6	1.8	58.3	16.9	83.
14.8	44.0	4456.0	583.0	-10.2	-19.6	255.2	44.0	42.6	11.2	307.0	311.3	1.4	46.0	18.1	82.
15.2	45.0	4589.2	573.0	-10.9	-20.3	254.1	42.5	40.9	11.6	307.6	311.8	1.3	45.8	19.2	82.
15.6	46.0	4683.6	566.0	-11.2	-20.7	252.6	40.5	38.7	12.1	308.4	312.4	1.3	45.4	20.1	82.
16.0	47.0	4806.5	557.0	-12.2	-21.4	251.6	39.7	37.7	12.6	308.6	312.5	1.2	46.3	20.9	81.
16.3	48.0	4916.9	549.0	-13.1	-21.8	251.8	39.7	37.7	12.4	308.9	312.7	1.2	47.5	21.7	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
534 GMT

166 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.7	49.0	5029.6	541.0	-14.2	-22.3	252.8	39.6	37.8	11.7	308.8	312.5	1.2	49.7	22.7	80.
17.0	50.0	5141.5	533.0	-15.1	-22.4	253.9	39.5	37.9	10.9	309.0	312.7	1.2	53.7	23.3	80.
17.5	51.0	5284.5	523.0	-16.0	-22.5	256.0	40.4	39.2	9.8	309.7	313.4	1.2	56.8	24.6	80.
17.9	52.0	5400.6	515.0	-16.3	-24.4	256.2	42.1	40.9	10.0	310.7	314.0	1.0	49.3	25.5	80.
18.3	53.0	5518.5	507.0	-16.4	-26.8	255.2	43.4	42.0	11.1	311.9	314.6	0.8	40.1	26.5	80.
18.7	54.0	5638.0	499.0	-16.9	-27.3	253.6	44.4	42.6	12.5	312.6	315.3	0.8	39.9	27.6	79.
19.0	55.0	5759.3	491.0	-17.1	-29.0	252.3	44.9	42.8	13.5	313.9	316.2	0.7	34.4	28.5	79.
19.6	56.0	5897.9	482.0	-17.8	-32.1	251.3	46.0	43.5	14.7	314.7	316.5	0.5	27.3	29.9	79.
19.9	57.0	6007.1	475.0	-19.0	-33.0	251.5	46.2	43.8	14.7	314.5	316.2	0.5	27.7	30.9	79.
20.3	58.0	6133.4	467.0	-19.9	-33.8	252.0	45.6	43.3	14.1	314.8	316.4	0.5	27.7	32.0	78.
20.6	59.0	6245.1	460.0	-21.3	-35.0	252.5	44.7	42.6	13.5	314.5	316.0	0.4	27.7	32.7	78.
21.1	60.0	6374.3	452.0	-22.3	-35.5	253.0	42.7*	40.8	12.5	314.8	316.1	0.4	28.8	34.1	78.
21.5	61.0	6488.7	445.0	-23.7	-36.3	253.6	41.3*	39.7	11.7	314.5	315.8	0.4	29.8	35.3	78.
21.9	62.0	6604.4	438.0	-24.7	-37.1	255.0	42.6*	41.1	11.7	314.6	315.8	0.4	30.5	35.9	78.
22.3	63.0	6721.4	431.0	-25.8	-37.9	256.4	44.3*	43.0	10.4	314.7	315.8	0.3	30.8	37.0	78.
22.7	64.0	6839.9	424.0	-26.6	-38.3	257.7	44.9*	43.9	9.6	315.1	316.3	0.3	31.7	38.3	78.
23.0	65.0	6959.8	417.0	-27.8	-39.6	258.7	44.5*	43.7	8.7	315.1	316.1	0.3	31.1	39.3	78.
23.6	66.0	7098.9	409.0	-28.5	-40.4	259.6	45.5*	44.7	8.2	315.8	316.8	0.3	30.5	40.4	78.
24.0	67.0	7222.3	402.0	-29.7	-41.0	259.4	47.6*	46.7	8.7	315.9	316.8	0.3	32.0	41.7	78.
24.4	68.0	7329.4	396.0	-30.1	-42.0	258.6	47.6*	46.7	9.4	316.7	317.5	0.2	29.9	43.0	78.
24.9	69.0	7456.1	389.0	-31.2	-43.0	256.9	46.6*	45.4	10.5	316.9	317.7	0.2	30.0	44.3	78.
25.3	70.0	7566.1	383.0	-32.1	-42.9	255.4	46.5*	45.0	11.7	317.1	317.9	0.2	32.9	45.3	78.
25.9	71.0	7714.7	375.0	-33.6	-43.7	253.5	47.3*	45.4	13.4	317.1	317.9	0.2	34.7	47.2	78.
26.3	72.0	7827.7	369.0	-34.5	-44.7	252.8	47.7*	45.6	14.1	317.4	318.0	0.2	34.2	48.1	78.
26.7	73.0	7961.3	362.0	-35.5	-45.0	252.4	47.7*	45.5	14.4	317.7	318.3	0.2	36.7	49.3	77.
27.1	74.0	8077.4	356.0	-36.6	-45.7	252.2	47.4*	45.2	14.5	317.8	318.4	0.2	37.9	50.7	77.
27.6	75.0	8194.8	350.0	-38.0	-47.0	252.4	46.4*	44.2	14.0	317.5	318.1	0.2	37.8	51.7	77.
28.0	76.0	8313.7	344.0	-38.8	-47.7	252.6	44.9*	42.8	13.4	318.0	318.5	0.1	37.6	53.4	77.
28.5	77.0	8434.3	338.0	-39.8	-48.7	252.7	43.0*	41.0	12.8	318.1	318.6	0.1	37.7	54.1	77.
28.8	78.0	8535.9	333.0	-41.1	99.9	252.6	44.0*	42.0	13.1	317.9	999.9	99.9	999.9	55.1	77.
29.3	79.0	8679.9	326.0	-42.2	99.9	252.4	48.0*	45.7	14.5	318.3	999.9	99.9	999.9	56.2	77.
29.8	80.0	8784.3	321.0	-43.3	99.9	251.5	51.4*	48.8	16.3	318.2	999.9	99.9	999.9	57.9	77.
30.3	81.0	8953.7	313.0	-44.5	99.9	249.8	49.7*	46.6	17.2	318.7	999.9	99.9	999.9	59.7	77.
30.8	82.0	9061.3	308.0	-45.5	99.9	247.8	45.3*	41.9	17.1	318.8	999.9	99.9	999.9	60.9	76.
31.2	83.0	9192.1	302.0	-46.7	99.9	246.7	43.3*	39.8	17.1	319.0	999.9	99.9	999.9	61.9	76.
31.7	84.0	9302.7	297.0	-47.5	99.9	246.3	44.0*	40.3	17.7	319.3	999.9	99.9	999.9	63.2	76.
32.1	85.0	9437.3	291.0	-48.4	99.9	246.1	45.6*	41.7	18.4	319.9	999.9	99.9	999.9	64.1	76.
32.8	86.0	9574.0	285.0	-49.9	99.9	245.2	47.9*	43.4	20.1	319.7	999.9	99.9	999.9	66.3	76.
33.1	87.0	9689.4	280.0	-51.0	99.9	245.2	49.7*	45.1	20.3	319.8	999.9	99.9	999.9	67.2	75.
33.7	88.0	9806.5	275.0	-51.9	99.9	247.6	56.5*	52.2	21.5	320.1	999.9	99.9	999.9	68.6	75.
34.0	89.0	9925.2	270.0	-52.6	99.9	249.1	59.6*	55.7	21.2	320.7	999.9	99.9	999.9	69.7	75.
34.4	90.0	10045.6	265.0	-53.6	99.9	250.1	54.6*	51.3	18.5	321.0	999.9	99.9	999.9	71.9	75.
34.9	91.0	10168.0	260.0	-54.2	99.9	250.3	49.1*	46.2	16.6	321.8	999.9	99.9	999.9	73.2	75.
35.3	92.0	10292.2	255.0	-55.2	99.9	250.2	53.0*	49.8	18.0	322.2	999.9	99.9	999.9	73.4	75.
35.8	93.0	10418.4	250.0	-56.0	99.9	249.4	57.8*	54.1	20.4	322.8	999.9	99.9	999.9	75.8	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
534 GMT

166 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.1	94.0	10546.7	245.0	-56.8	99.9	248.3	55.8*	51.9	20.7	323.5	999.9	99.9	999.9	77.6	75.
36.5	95.0	10650.9	241.0	-57.0	99.9	244.8	43.7*	39.5	18.5	324.8	999.9	99.9	999.9	78.4	74.
37.1	96.0	10810.5	235.0	-57.1	99.9	243.5	35.4*	31.7	15.8	326.9	999.9	99.9	999.9	79.4	74.
37.5	97.0	10919.1	231.0	-57.5	99.9	248.7	45.4*	42.3	16.5	328.0	999.9	99.9	999.9	79.3	74.
38.0	98.0	11057.2	226.0	-57.8	99.9	254.1	68.1*	65.5	18.6	329.5	999.9	99.9	999.9	81.3	74.
38.4	99.0	11169.9	222.0	-57.7	99.9	256.4	72.0*	70.0	17.0	331.4	999.9	99.9	999.9	83.8	74.
38.8	100.0	11313.6	217.0	-57.8	99.9	257.5	64.0*	62.5	13.7	333.3	999.9	99.9	999.9	86.0	74.
39.1	101.0	11461.1	212.0	-56.5	99.9	257.4	55.4*	54.0	12.7	337.7	999.9	99.9	999.9	87.1	74.
39.6	102.0	11582.0	208.0	-56.3	99.9	253.6	44.0*	42.2	12.5	339.8	999.9	99.9	999.9	87.5	74.
39.9	103.0	11705.1	204.0	-57.0	99.9	249.7	42.4*	39.8	14.7	340.6	999.9	99.9	999.9	89.0	74.
40.2	104.0	11830.2	200.0	-58.0	99.9	246.3	43.1*	39.4	17.3	347.9	999.9	99.9	999.9	89.5	74.
40.7	105.0	11957.3	196.0	-58.8	99.9	242.0	46.0*	40.6	21.6	341.6	999.9	99.9	999.9	90.4	74.
41.1	106.0	12086.3	192.0	-60.2	99.9	240.0	47.7*	41.3	23.9	341.3	999.9	99.9	999.9	92.0	74.
41.4	107.0	12217.4	188.0	-61.1	99.9	239.5	48.1*	41.4	24.3	342.0	999.9	99.9	999.9	92.8	74.
42.0	108.0	12351.0	184.0	-60.8	99.9	242.7	52.6*	46.7	24.2	344.7	999.9	99.9	999.9	93.9	73.
42.5	109.0	12454.4	181.0	-56.0	99.9	246.8	57.6*	53.0	22.7	354.1	999.9	99.9	999.9	95.9	73.
43.0	110.0	12596.7	177.0	-55.7	99.9	249.0	54.2*	50.6	19.4	356.9	999.9	99.9	999.9	98.2	73.
43.6	111.0	12779.2	172.0	-55.8	99.9	249.3	48.6*	45.5	17.2	359.6	999.9	99.9	999.9	99.5	73.
44.1	112.0	12890.9	169.0	-56.8	99.9	248.6	48.4*	45.0	17.6	359.7	999.9	99.9	999.9	100.7	73.
44.6	113.0	13042.7	165.0	-56.8	99.9	247.2	45.6*	42.0	17.7	362.2	999.9	99.9	999.9	102.8	73.
45.1	114.0	13158.8	162.0	-57.5	99.9	244.4	39.6*	35.7	17.1	363.0	999.9	99.9	999.9	103.8	73.
45.7	115.0	13316.6	158.0	-57.8	99.9	242.4	39.2*	34.8	18.2	365.0	999.9	99.9	999.9	105.0	73.
46.2	116.0	13478.4	154.0	-57.8	99.9	244.3	46.0*	41.4	20.0	367.7	999.9	99.9	999.9	106.1	73.
46.7	117.0	13602.2	151.0	-58.5	99.9	246.1	57.4*	52.4	23.2	368.6	999.9	99.9	999.9	107.6	73.
47.2	118.0	13728.5	148.0	-58.3	99.9	246.2	73.2*	66.9	29.5	371.0	999.9	99.9	999.9	109.4	73.
47.7	119.0	13857.2	145.0	-58.8	99.9	245.5	88.2*	80.3	36.6	372.3	999.9	99.9	999.9	111.7	72.
48.2	120.0	14032.7	141.0	-59.0	99.9	244.2	89.6*	80.7	39.0	375.0	999.9	99.9	999.9	115.2	72.
48.8	121.0	14167.5	138.0	-59.4	99.9	240.7	64.8*	56.5	31.3	376.7	999.9	99.9	999.9	118.4	72.
49.3	122.0	14304.8	135.0	-60.2	99.9	233.2	37.2*	29.7	22.3	377.5	999.9	99.9	999.9	119.9	72.
49.8	123.0	14397.8	133.0	-60.9	99.9	227.1	22.5*	15.1	16.7	377.9	999.9	99.9	999.9	119.9	72.
50.3	124.0	14539.4	130.0	-61.5	99.9	219.7	20.9*	13.1	16.3	379.4	999.9	99.9	999.9	120.2	71.
50.8	125.0	14684.0	127.0	-61.9	99.9	209.6	18.3*	9.0	15.9	381.3	999.9	99.9	999.9	121.4	71.
51.4	126.0	14882.0	123.0	-62.0	99.9	160.0	11.7*	-4.0	11.0	384.4	999.9	99.9	999.9	121.5	71.
51.9	127.0	15034.7	120.0	-62.0	99.9	129.1	10.2*	-7.9	6.4	387.2	999.9	99.9	999.9	121.1	71.
52.3	128.0	15191.4	117.0	-61.5	99.9	148.6	5.6*	-2.9	4.7	391.0	999.9	99.9	999.9	120.7	71.
52.9	129.0	15298.2	115.0	-62.2	99.9	247.8	14.0*	13.0	5.3	391.6	999.9	99.9	999.9	121.2	71.
53.3	130.0	15461.4	112.0	-62.4	99.9	254.3	31.5*	30.3	8.5	394.2	999.9	99.9	999.9	121.2	71.
54.1	131.0	15628.9	109.0	-62.8	99.9	254.7	64.7*	62.4	17.0	396.6	999.9	99.9	999.9	123.9	71.
54.7	132.0	15800.7	106.0	-63.1	99.9	253.6	55.1*	52.9	15.5	399.0	999.9	99.9	999.9	127.1	71.
55.1	133.0	15917.8	104.0	-63.1	99.9	252.7	37.5*	35.8	11.2	401.2	999.9	99.9	999.9	128.6	71.
55.8	134.0	16037.2	102.0	-63.5	99.9	250.9	26.0*	24.6	8.5	402.7	999.9	99.9	999.9	128.4	71.
56.3	135.0	16220.2	99.0	-64.1	99.9	249.7	30.3*	28.4	10.5	405.1	999.9	99.9	999.9	129.5	71.
56.9	136.0	16408.5	96.0	-64.5	99.9	248.1	26.5*	24.5	9.7	407.9	999.9	99.9	999.9	130.9	71.
57.5	137.0	16537.2	94.0	-64.5	99.9	247.3	14.8*	13.6	5.7	410.4	999.9	99.9	999.9	131.9	71.
58.2	138.0	16736.3	91.0	-62.6	99.9	252.3	16.4*	15.7	5.0	417.9	999.9	99.9	999.9	131.6	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
534 GMT

166 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.9	139.0	16943.0	88.0	-62.8	99.9	254.2	24.4*	23.5	6.7	421.6	999.9	99.9	999.9	133.2	71.
59.6	140.0	17156.7	85.0	-63.0	99.9	251.6	38.3*	36.3	12.1	425.4	999.9	99.9	999.9	133.3	71.
60.3	141.0	17377.3	82.0	-64.1	99.9	249.0	54.4*	50.8	19.5	427.5	999.9	99.9	999.9	136.2	71.
61.0	142.0	17528.3	80.0	-64.5	99.9	249.0	76.9*	71.8	27.5	429.7	999.9	99.9	999.9	137.4	71.
61.7	143.0	17761.7	77.0	-64.9	99.9	249.4	83.5*	78.2	29.4	433.6	999.9	99.9	999.9	142.7	71.
62.4	144.0	18004.2	74.0	-64.9	99.9	246.9	70.2*	64.6	27.6	438.6	999.9	99.9	999.9	146.0	71.
63.1	145.0	18171.4	72.0	-64.7	99.9	245.6	53.6*	48.8	22.1	442.5	999.9	99.9	999.9	148.1	71.
63.8	146.0	18343.5	70.0	-64.5	99.9	248.4	37.0*	34.4	13.7	446.5	999.9	99.9	999.9	149.9	71.
64.6	147.0	18612.0	67.0	-63.3	99.9	94.3	5.2*	-5.2	0.4	454.6	999.9	99.9	999.9	152.6	71.
65.3	148.0	18798.5	65.0	-62.8	99.9	76.3	49.5*	-48.1	-11.7	459.8	999.9	99.9	999.9	150.0	71.
66.1	149.0	18990.8	63.0	-63.5	99.9	81.4	19.2*	-19.0	-2.9	462.2	999.9	99.9	999.9	146.2	70.
66.9	150.0	19290.5	60.0	-63.3	99.9	249.6	34.5*	32.3	12.0	469.1	999.9	99.9	999.9	148.1	70.
67.9	151.0	19499.4	58.0	-62.2	99.9	250.3	55.4*	52.2	18.7	476.2	999.9	99.9	999.9	151.3	70.
68.7	152.0	19825.8	55.0	-64.5	99.9	248.6	36.9*	34.3	13.5	478.3	999.9	99.9	999.9	153.7	70.
69.7	153.0	20051.8	53.0	-65.1	99.9	261.1	3.1*	3.1	0.5	482.1	999.9	99.9	999.9	154.7	70.
70.6	154.0	20286.0	51.0	-65.7	99.9	66.1	12.5*	-11.4	-5.1	486.0	999.9	99.9	999.9	154.8	70.
71.7	155.0	20529.5	49.0	-65.1	99.9	257.0	6.4*	6.2	1.4	493.0	999.9	99.9	999.9	153.1	70.
72.6	156.0	20783.6	47.0	-64.9	99.9	256.3	27.6*	26.8	6.5	499.4	999.9	99.9	999.9	154.8	71.
73.7	157.0	21049.1	45.0	-64.5	99.9	249.5	17.3*	16.2	6.1	506.6	999.9	99.9	999.9	156.6	71.
74.7	158.0	21327.6	43.0	-63.5	99.9	252.0	24.1*	22.9	7.4	515.6	999.9	99.9	999.9	156.7	71.
75.9	159.0	21771.9	40.0	-63.3	99.9	62.6	1.6*	-1.5	-0.8	526.8	999.9	99.9	999.9	158.4	71.
77.0	160.0	22086.6	38.0	-64.1	99.9	77.7	11.8*	-11.6	-2.5	532.7	999.9	99.9	999.9	157.9	71.
78.2	161.0	22419.0	36.0	-62.4	99.9	249.5	39.9*	37.4	13.9	545.4	999.9	99.9	999.9	158.3	71.
79.6	162.0	22772.8	34.0	-61.3	99.9	251.2	45.9*	43.5	14.8	557.2	999.9	99.9	999.9	164.4	70.
81.0	163.0	23147.8	32.0	-62.6	99.9	256.6	14.3*	13.9	3.3	563.5	999.9	99.9	999.9	166.8	71.
82.6	164.0	23547.4	30.0	-60.9	99.9	289.8	3.0*	2.8	-1.0	578.5	999.9	99.9	999.9	164.1	71.
84.2	165.0	24201.0	27.0	-61.9	99.9	26.4	9.9*	-4.4	-8.9	593.7	999.9	99.9	999.9	165.9	71.
85.9	166.0	24676.5	25.0	-62.6	99.9	257.1	50.7*	49.4	11.3	604.8	999.9	99.9	999.9	167.1	71.
87.9	167.0	25192.7	23.0	-60.9	99.9	256.9	48.8*	47.5	11.1	624.2	999.9	99.9	999.9	173.7	71.
90.0	168.0	25761.0	21.0	-58.8	99.9	251.3	35.0*	33.2	11.2	647.0	999.9	99.9	999.9	179.7	71.
92.4	169.0	26738.4	18.0	-54.5	99.9	999.9	99.9	99.9	99.7	689.7	999.9	99.9	999.9	999.9	999.

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
1115 GMT

162 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	100.0	1004.0	6.4	4.9	350.0	6.2	1.1	-6.1	279.9	293.7	5.4	90.0	0.0	0.
0.3	5.0	157.4	997.0	5.6	4.4	999.9	99.9	99.9	99.9	279.6	293.1	5.3	92.6	999.9	999.
0.6	6.0	281.3	982.0	4.5	3.9	999.9	99.9	99.9	99.9	279.8	293.0	5.2	95.8	999.9	999.
1.0	7.0	381.4	970.0	3.2	2.4	999.9	99.9	99.9	99.9	279.3	291.4	4.7	95.0	999.9	999.
1.3	8.0	482.3	958.0	2.7	2.2	999.9	99.9	99.9	99.9	279.8	291.9	4.7	96.8	999.9	999.
1.7	9.0	584.6	946.0	3.3	2.9	320.8	7.9	5.0	-6.1	281.5	294.4	5.0	96.9	0.8	153.
2.0	10.0	679.5	935.0	3.2	2.7	305.7	7.2	5.8	-4.2	282.3	295.2	5.0	96.9	0.9	150.
2.4	11.0	810.6	920.0	2.3	1.9	285.5	6.8	6.6	+1.8	282.7	295.1	4.8	96.8	1.1	145.
2.8	12.0	907.9	909.0	2.0	1.5	262.8	9.3	9.2	1.2	283.4	295.7	4.7	96.7	1.2	138.
3.1	13.0	1015.5	897.0	2.8	2.4	254.5	11.9	11.5	3.2	285.3	298.6	5.1	96.8	1.3	131.
3.5	14.0	1115.7	886.0	3.7	3.2	250.7	14.9	14.0	4.9	287.3	301.7	5.5	97.0	1.5	119.
3.8	15.0	1217.3	875.0	3.5	3.0	250.5	15.6	14.7	5.2	288.1	302.5	5.4	96.3	1.7	112.
4.2	16.0	1348.2	861.0	2.8	2.1	251.2	17.0	16.1	5.5	288.7	302.5	5.2	95.3	2.0	105.
4.6	17.0	1452.3	850.0	2.0	-4.4	253.4	18.6	17.8	5.3	288.6	297.5	3.3	62.6	2.3	99.
4.9	18.0	1557.1	839.0	0.4	-11.9	256.7	18.8	18.3	4.3	287.8	293.0	1.8	39.3	2.7	96.
5.3	19.0	1662.8	828.0	-0.4	-14.1	256.7	18.9	18.4	4.3	288.0	292.4	1.5	34.7	3.1	94.
5.6	20.0	1759.9	818.0	-0.6	-15.3	255.5	18.8	18.2	4.7	288.8	292.9	1.4	31.7	3.4	92.
6.0	21.0	1887.9	805.0	-0.6	-16.6	253.3	18.3	17.5	5.3	290.1	293.9	1.3	28.5	3.9	90.
6.4	22.0	1957.8	794.0	-0.6	-16.6	255.1	18.9	18.3	4.9	291.3	295.1	1.3	28.5	4.3	88.
6.8	23.0	2099.1	784.0	-0.8	-15.5	255.6	20.1	19.5	5.0	292.2	296.5	1.5	31.7	4.7	87.
7.1	24.0	2211.9	773.0	-0.9	-16.4	255.8	21.1	20.4	5.2	293.2	297.2	1.4	29.6	5.1	86.
7.4	25.0	2315.7	763.0	-1.2	-16.7	256.3	21.7	21.0	5.1	293.9	297.9	1.4	29.6	5.5	85.
7.9	26.0	2452.4	750.0	-2.5	-17.8	257.7	22.7	22.2	4.8	294.0	297.7	1.3	29.6	6.1	84.
8.2	27.0	2558.8	740.0	-3.0	-16.0	258.8	23.2	22.8	4.5	294.6	299.0	1.5	35.9	6.5	84.
8.5	28.0	2666.5	730.0	-3.3	-17.2	259.8	23.7	23.3	4.2	295.4	299.5	1.4	33.1	7.0	84.
8.9	29.0	2775.5	720.0	-3.9	-19.0	260.6	23.7	23.4	3.9	295.9	299.4	1.2	29.7	7.6	83.
9.2	30.0	2885.7	710.0	-4.4	-20.0	260.8	23.7	23.4	3.8	296.6	299.9	1.1	28.2	8.0	83.
9.6	31.0	2997.3	700.0	-5.3	-21.6	260.9	23.6	23.3	3.7	296.7	299.7	1.0	26.3	8.6	83.
9.9	32.0	3110.1	690.0	-5.9	-22.1	260.6	23.6	23.3	3.8	297.3	300.2	0.9	26.3	9.0	83.
10.3	33.0	3224.3	680.0	-6.8	-21.8	259.6	23.9	23.5	4.3	297.5	300.5	1.0	29.0	9.6	83.
10.7	34.0	3339.8	670.0	-7.5	-21.3	257.8	24.9	24.2	5.3	298.0	301.1	1.0	32.1	10.1	83.
11.0	35.0	3444.9	661.0	-8.3	-21.1	256.0	25.9	25.2	6.3	298.3	301.6	1.1	34.6	10.6	83.
11.5	36.0	3587.0	649.0	-8.8	-20.4	252.6	29.5	28.2	8.9	299.2	302.7	1.2	38.4	11.3	82.
11.8	37.0	3695.2	640.0	-8.8	-19.1	250.9	31.9	30.2	10.4	300.4	304.4	1.3	43.1	11.9	82.
12.2	38.0	3817.2	630.0	-8.8	-20.0	249.3	34.5	32.3	12.2	301.8	305.6	1.2	39.9	12.7	81.
12.6	39.0	3928.5	621.0	-9.7	-20.5	248.2	36.2	33.6	13.4	302.0	305.7	1.2	40.9	13.6	80.
12.9	40.0	4041.3	612.0	-9.7	-21.2	247.7	36.6	33.9	13.9	303.3	306.8	1.1	38.4	14.2	79.
13.2	41.0	4181.3	601.0	-9.6	-22.8	247.1	36.6	33.7	14.2	305.0	308.2	1.0	33.1	14.9	79.
13.6	42.0	4297.8	592.0	-10.2	-23.3	246.4	36.1	33.1	14.4	305.6	308.7	1.0	33.1	15.8	78.
14.0	43.0	4415.6	583.0	-11.0	-30.9	246.2	35.7	32.6	14.4	305.9	307.5	0.5	17.5	16.6	78.
14.4	44.0	4535.0	574.0	-11.7	-30.9	247.8	36.2	33.5	13.7	306.4	308.1	0.5	18.5	17.3	77.
14.8	45.0	4642.3	566.0	-12.9	-27.9	250.1	36.6	34.4	12.5	306.4	308.5	0.7	27.0	18.3	77.
15.2	46.0	4764.4	557.0	-13.4	-25.8	252.3	36.8	35.1	11.2	307.1	309.8	0.8	31.3	19.2	76.
15.6	47.0	4874.3	549.0	-14.1	-32.1	254.1	37.1	35.7	10.2	307.5	309.1	0.5	20.1	20.1	76.
16.0	48.0	4999.7	540.0	-14.5	-48.3	255.3	38.3	37.0	9.7	308.4	308.7	0.1	3.7	20.7	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
1115 GMT

162 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.3	49.0	5112.5	532.0	-15.5	-37.6	256.1	39.5	38.4	9.5	308.6	309.5	0.3	12.9	21.6	76.
16.6	50.0	5226.7	524.0	-16.5	-34.4	256.8	40.5	39.4	9.2	308.8	310.1	0.4	19.3	22.4	76.
17.2	51.0	5371.3	514.0	-17.6	-32.1	258.1	40.9	40.0	8.5	309.2	310.9	0.5	26.8	23.8	76.
17.6	52.0	5503.3	505.0	-18.7	-33.1	258.4	40.8	39.9	8.2	309.4	311.0	0.5	26.4	24.8	76.
17.9	53.0	5622.1	497.0	-19.7	-33.9	258.2	40.9	40.0	8.4	309.5	311.0	0.4	26.9	25.6	76.
18.3	54.0	5727.2	490.0	-20.7	-33.6	257.8	41.6	40.7	8.8	309.6	311.1	0.4	30.0	26.5	76.
18.7	55.0	5848.9	482.0	-20.8	-34.3	257.4	42.8	41.8	9.3	310.9	312.4	0.4	28.3	27.5	76.
19.2	56.0	6003.8	472.0	-21.3	-35.9	257.1	45.1	43.9	10.1	312.1	313.4	0.4	25.4	28.8	77.
19.6	57.0	6113.8	465.0	-22.3	-31.6	256.7	47.1	45.8	10.8	312.3	314.2	0.6	42.1	29.9	77.
20.1	58.0	6241.1	457.0	-23.3	-32.1	256.1	48.9	47.4	11.7	312.5	314.4	0.6	44.2	31.4	77.
20.4	59.0	6353.9	450.0	-24.0	-32.4	255.8	49.1	47.6	12.0	313.1	314.9	0.6	45.4	32.4	77.
20.8	60.0	6484.5	442.0	-25.3	-33.9	255.5	49.4	47.8	12.4	313.0	314.6	0.5	44.1	33.4	76.
21.2	61.0	6600.4	435.0	-25.6	-34.7	254.7	50.1*	48.4	13.2	314.1	315.7	0.5	41.9	34.6	76.
21.7	62.0	6734.9	427.0	-26.0	-38.3	253.5	51.9*	49.8	14.7	315.2	316.4	0.3	30.1	36.2	76.
22.1	63.0	6854.4	420.0	-26.9	-39.3	252.8	53.3*	50.9	15.7	315.6	316.6	0.3	29.5	37.4	76.
22.5	64.0	6975.4	413.0	-28.0	-40.0	252.6	54.0*	51.6	16.1	315.7	316.7	0.3	30.1	38.7	76.
23.0	65.0	7097.8	406.0	-29.1	-40.5	252.4	51.8*	49.3	15.7	315.7	316.7	0.3	31.9	40.5	76.
23.5	66.0	7257.7	397.0	-30.3	-41.0	251.0	47.7*	45.1	15.6	316.2	317.1	0.3	34.1	41.9	76.
23.9	67.0	7383.9	390.0	-31.8	-41.9	249.8	46.9*	44.0	16.2	315.9	316.8	0.2	35.6	43.0	76.
24.3	68.0	7493.3	384.0	-32.8	-42.7	249.5	48.4*	45.3	16.9	315.9	316.8	0.2	36.2	44.0	76.
24.8	69.0	7622.4	377.0	-34.1	-43.6	249.8	51.0*	47.8	17.6	315.9	316.6	0.2	37.5	45.5	75.
25.2	70.0	7753.4	370.0	-35.2	-45.4	250.1	50.9*	47.8	17.3	316.1	316.8	0.2	34.1	46.8	75.
25.7	71.0	7905.3	362.0	-36.5	-48.5	250.7	47.3*	44.7	15.7	316.3	316.8	0.1	27.5	48.4	75.
26.2	72.0	8020.8	356.0	-37.9	-49.8	251.7	44.5*	42.2	14.0	316.1	316.5	0.1	27.2	49.7	75.
26.6	73.0	8157.5	349.0	-38.5	-51.5	252.1	46.2*	44.0	14.2	317.0	317.3	0.1	23.7	50.3	75.
27.0	74.0	8276.3	343.0	-39.8	-52.6	251.9	52.1*	49.5	16.2	316.9	317.2	0.1	23.8	52.0	75.
27.3	75.0	8396.8	337.0	-40.6	99.9	251.5	55.5*	52.6	17.6	317.5	999.9	99.9	999.9	52.6	75.
27.8	76.0	8539.4	330.0	-41.8	99.9	251.5	55.7*	52.8	17.7	317.7	999.9	99.9	999.9	54.7	75.
28.2	77.0	8663.4	324.0	-42.9	99.9	252.2	51.4*	48.9	15.7	317.8	999.9	99.9	999.9	56.2	75.
28.6	78.0	8789.2	318.0	-44.0	99.9	253.6	47.0*	45.1	13.3	318.0	999.9	99.9	999.9	57.0	74.
29.0	79.0	8916.7	312.0	-45.1	99.9	255.3	47.0*	45.4	11.9	318.1	999.9	99.9	999.9	57.8	74.
29.4	80.0	9046.1	306.0	-46.3	99.9	256.1	51.4*	49.9	12.4	318.3	999.9	99.9	999.9	59.2	75.
29.9	81.0	9199.4	299.0	-47.6	99.9	256.4	55.4*	53.9	13.0	318.6	999.9	99.9	999.9	60.9	75.
30.3	82.0	9333.0	293.0	-48.7	99.9	256.5	56.2*	54.6	13.1	318.8	999.9	99.9	999.9	62.3	75.
30.8	83.0	9468.7	287.0	-49.8	99.9	256.6	54.7*	53.2	12.7	319.2	999.9	99.9	999.9	64.0	75.
31.2	84.0	9583.5	282.0	-50.4	99.9	256.5	52.7*	51.3	12.3	320.0	999.9	99.9	999.9	65.3	75.
31.6	85.0	9700.0	277.0	-51.4	99.9	256.4	51.3*	49.8	12.1	320.1	999.9	99.9	999.9	66.6	75.
32.1	86.0	9865.7	270.0	-52.8	99.9	256.5	52.4*	51.0	12.3	320.4	999.9	99.9	999.9	67.8	75.
32.6	87.0	10010.4	264.0	-53.9	99.9	257.3	56.0*	54.6	12.3	320.9	999.9	99.9	999.9	69.6	75.
33.0	88.0	10133.0	259.0	-54.4	99.9	258.2	59.8*	58.5	12.2	322.0	999.9	99.9	999.9	71.1	75.
33.4	89.0	10257.7	254.0	-55.3	99.9	258.7	62.4*	61.2	12.2	322.3	999.9	99.9	999.9	71.9	75.
33.9	90.0	10384.2	249.0	-56.3	99.9	259.9	59.9*	59.0	10.6	322.7	999.9	99.9	999.9	75.1	75.
34.3	91.0	10512.7	244.0	-57.3	99.9	261.4	55.9*	55.3	8.3	323.1	999.9	99.9	999.9	75.9	75.
34.8	92.0	10643.5	239.0	-57.6	99.9	263.4	54.3*	54.0	6.2	324.5	999.9	99.9	999.9	77.1	75.
35.2	93.0	10776.6	234.0	-59.0	99.9	264.4	55.9*	55.7	5.5	324.4	999.9	99.9	999.9	78.7	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
1115 GMT

162 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	A7 DG
35.7	94.0	10911.9	229.0	-59.3	99.9	264.6	59.7*	59.4	5.6	325.9	999.9	99.9	999.9	80.4	76.
36.1	95.0	11049.7	224.0	-60.8	99.9	264.6	62.7*	62.4	5.9	325.8	999.9	99.9	999.9	81.4	76.
36.7	96.0	11218.5	218.0	-61.1	99.9	265.1	58.6*	58.4	5.0	327.8	999.9	99.9	999.9	84.3	76.
37.2	97.0	11333.8	214.0	-60.2	99.9	265.5	48.1*	48.0	3.8	330.9	999.9	99.9	999.9	86.1	76.
37.7	98.0	11481.4	209.0	-59.7	99.9	261.9	44.9*	44.4	6.3	334.0	999.9	99.9	999.9	86.5	76.
38.1	99.0	11602.7	205.0	-58.0	99.9	256.8	49.5*	48.2	11.3	338.6	999.9	99.9	999.9	87.6	76.
38.5	100.0	11758.9	200.0	-56.3	99.9	252.0	54.4*	51.7	16.8	343.6	999.9	99.9	999.9	89.6	76.
38.9	101.0	11919.9	195.0	-56.0	99.9	248.0	52.9*	49.0	19.8	346.6	999.9	99.9	999.9	90.7	76.
39.4	102.0	12084.7	190.0	-57.0	99.9	245.4	54.0*	49.0	22.5	347.6	999.9	99.9	999.9	92.0	76.
39.7	103.0	12219.2	186.0	-57.8	99.9	245.5	58.6*	53.3	24.3	348.4	999.9	99.9	999.9	92.9	76.
40.1	104.0	12355.8	182.0	-59.3	99.9	246.3	66.5*	60.9	26.7	348.1	999.9	99.9	999.9	94.2	76.
40.5	105.0	12494.8	178.0	-59.9	99.9	247.0	73.1*	67.3	28.5	349.4	999.9	99.9	999.9	96.2	76.
40.9	106.0	12636.5	174.0	-60.9	99.9	246.6	66.8*	61.2	26.6	350.0	999.9	99.9	999.9	98.2	76.
41.5	107.0	12780.7	170.0	-62.0	99.9	244.4	45.2*	40.7	19.5	350.5	999.9	99.9	999.9	100.9	75.
41.9	108.0	12928.3	166.0	-60.9	99.9	243.1	34.6*	30.8	15.6	354.7	999.9	99.9	999.9	100.9	75.
42.5	109.0	13080.6	162.0	-59.0	99.9	244.9	33.7*	30.5	14.3	360.4	999.9	99.9	999.9	101.8	75.
42.9	110.0	12237.9	158.0	-57.6	99.9	248.1	42.6*	39.5	15.8	365.3	999.9	99.9	999.9	102.9	75.
43.6	111.0	13399.8	154.0	-57.5	99.9	252.1	61.2*	58.2	18.8	368.3	999.9	99.9	999.9	104.5	75.
44.0	112.0	13566.0	150.0	-57.8	99.9	253.0	67.7*	64.7	19.8	370.5	999.9	99.9	999.9	106.8	75.
44.5	113.0	13693.4	147.0	-58.0	99.9	251.7	60.8*	57.7	19.1	372.3	999.9	99.9	999.9	109.1	75.
45.0	114.0	13867.0	143.0	-58.5	99.9	248.7	47.6*	44.4	17.3	374.4	999.9	99.9	999.9	110.4	75.
45.4	115.0	14000.3	140.0	-58.5	99.9	247.5	42.9*	39.6	16.4	376.7	999.9	99.9	999.9	111.4	75.
46.1	116.0	14182.4	136.0	-59.0	99.9	248.2	51.8*	48.1	19.2	378.9	999.9	99.9	999.9	112.9	75.
46.6	117.0	14369.3	132.0	-59.7	99.9	248.9	67.8*	63.3	24.4	380.9	999.9	99.9	999.9	114.5	75.
47.1	118.0	14512.7	129.0	-60.8	99.9	249.7	78.8*	73.9	27.4	381.5	999.9	99.9	999.9	117.1	74.
47.6	119.0	14658.9	126.0	-61.3	99.9	250.6	76.7*	72.3	25.5	383.1	999.9	99.9	999.9	119.8	74.
48.2	120.0	14808.3	123.0	-61.6	99.9	250.8	63.3*	59.8	20.8	385.1	999.9	99.9	999.9	122.3	74.
48.8	121.0	14961.0	120.0	-62.6	99.9	250.2	50.1*	47.2	17.0	386.2	999.9	99.9	999.9	124.5	74.
49.3	122.0	15117.0	117.0	-63.1	99.9	250.1	42.5*	40.0	14.5	388.0	999.9	99.9	999.9	125.3	74.
49.8	123.0	15276.4	114.0	-64.1	99.9	250.4	37.9*	35.7	12.7	389.1	999.9	99.9	999.9	126.9	74.
50.3	124.0	15439.4	111.0	-64.8	99.9	250.3	37.4*	35.2	12.6	390.7	999.9	99.9	999.9	127.8	74.
50.8	125.0	15606.4	108.0	-65.4	99.9	250.2	36.9*	34.7	12.5	392.6	999.9	99.9	999.9	128.4	74.
51.4	126.0	15835.4	104.0	-66.6	99.9	250.5	22.9*	21.6	7.6	394.6	999.9	99.9	999.9	131.5	74.
52.0	127.0	16012.4	101.0	-66.8	99.9	250.9	8.4*	7.9	2.8	397.5	999.9	99.9	999.9	129.7	74.
52.6	128.0	16133.3	99.0	-66.6	99.9	249.9	26.9*	25.2	9.3	400.2	999.9	99.9	999.9	130.7	74.
53.1	129.0	16319.9	96.0	-65.6	99.9	248.5	46.1*	42.9	16.9	405.7	999.9	99.9	999.9	132.0	74.
53.6	130.0	16513.5	93.0	-64.4	99.9	247.0	51.2*	47.1	20.0	411.7	999.9	99.9	999.9	133.8	74.
54.3	131.0	16714.1	90.0	-64.1	99.9	247.9	47.3*	43.8	17.8	416.3	999.9	99.9	999.9	135.6	74.
54.9	132.0	16851.6	88.0	-64.6	99.9	251.8	57.9*	55.0	18.1	417.9	999.9	99.9	999.9	137.5	74.
55.3	133.0	16991.9	86.0	-64.8	99.9	253.1	66.2*	63.3	19.3	420.2	999.9	99.9	999.9	138.9	74.
55.9	134.0	17208.6	83.0	-64.8	99.9	253.7	58.2*	55.0	16.4	424.5	999.9	99.9	999.9	142.1	74.
56.2	135.0	17357.5	81.0	-64.4	99.9	253.7	39.3*	37.7	11.0	428.3	999.9	99.9	999.9	143.4	74.
56.9	136.0	17588.4	78.0	-64.3	99.9	73.7	16.8*	-16.1	-4.7	433.3	999.9	99.9	999.9	143.8	74.
57.5	137.0	17828.6	75.0	-63.9	99.9	73.7	37.8*	-36.2	-10.6	439.0	999.9	99.9	999.9	141.4	74.
58.2	138.0	17993.9	73.0	-64.8	99.9	73.7	11.4*	-11.0	-3.2	440.4	999.9	99.9	999.9	140.2	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
1115 GMT

162 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P1 DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.9	139.0	18249.4	70.0	-65.8	99.0	254.2	22.3*	21.5	6.1	443.6	999.9	99.9	999.9	140.7	74.
59.6	140.0	18425.7	68.0	-65.2	99.9	256.0	38.8*	37.6	9.4	448.6	999.9	99.9	999.9	142.2	74.
60.2	141.0	18700.7	65.0	-64.8	99.9	257.4	40.8*	39.8	8.9	455.3	999.9	99.9	999.9	143.9	74.
60.9	142.0	18891.9	63.0	-63.9	99.9	256.1	34.1*	33.1	8.2	461.5	999.9	99.9	999.9	145.4	74.
61.6	143.0	19191.0	60.0	-63.9	99.9	250.4	23.8*	22.4	8.0	467.9	999.9	99.9	999.9	147.0	74.
62.3	144.0	19398.9	58.0	-63.7	99.9	248.6	30.0*	27.9	11.0	472.9	999.9	99.9	999.9	147.2	74.
63.0	145.0	19724.6	55.0	-62.9	99.0	251.2	30.5*	28.8	9.8	479.7	999.9	99.9	999.9	149.4	74.
63.7	146.0	19951.7	53.0	-63.9	99.9	258.0	7.3*	7.1	1.5	484.8	999.9	99.9	999.9	150.2	74.
64.4	147.0	20187.7	51.0	-63.5	99.9	270.8	8.4*	8.4	-0.1	491.1	999.9	99.9	999.9	149.3	74.
65.1	148.0	20433.4	49.0	-63.5	99.9	258.8	28.1*	27.6	5.5	496.7	999.9	99.9	999.9	150.6	74.
65.9	149.0	20689.4	47.0	-63.3	99.9	255.2	19.8*	19.2	5.1	503.2	999.9	99.9	999.9	152.3	74.
66.7	150.0	20956.9	45.0	-62.9	99.9	73.2	10.6*	-10.2	-3.1	510.4	999.9	99.9	999.9	152.7	74.
67.5	151.0	21236.9	43.0	-62.9	99.9	257.0	20.0*	19.5	4.5	517.0	999.9	99.9	999.9	150.5	74.
68.3	152.0	21682.6	40.0	-62.6	99.9	254.4	53.7*	51.7	14.4	528.8	999.9	99.9	999.9	154.4	74.
69.1	153.0	21999.3	38.0	-62.2	99.9	244.0	5.0*	4.5	2.2	537.5	999.9	99.9	999.9	157.0	74.
70.1	154.0	22333.1	36.0	-62.6	99.9	59.7	17.7*	-15.3	-8.9	544.9	999.9	99.9	999.9	153.8	74.
71.0	155.0	22685.7	34.0	-62.6	99.9	258.2	61.4*	60.1	12.5	553.9	999.9	99.9	999.9	154.6	74.
72.0	156.0	23057.6	32.0	-64.8	99.9	258.8	38.5*	37.8	7.5	557.5	999.9	99.9	999.9	162.4	74.
73.1	157.0	23453.4	30.0	-62.7	99.9	62.3	14.7*	-13.0	-6.8	573.6	999.9	99.9	999.9	159.4	74.
74.3	158.0	23879.9	28.0	-61.5	99.9	272.4	17.9*	17.8	-0.7	588.6	999.9	99.9	999.9	158.6	74.
75.5	159.0	24339.8	26.0	-61.1	99.9	265.3	40.5*	40.4	3.3	602.2	999.9	99.9	999.9	163.2	74.
76.8	160.0	25100.3	23.0	-61.6	99.9	269.9	18.4*	18.4	0.0	622.1	999.9	99.9	999.9	164.1	75.
78.2	161.0	25664.9	21.0	-60.9	99.9	262.0	43.1*	42.7	6.0	640.7	999.9	99.9	999.9	165.8	75.
79.7	162.0	26285.7	19.0	-61.8	99.9	263.0	30.4*	30.1	3.7	656.5	999.9	99.9	999.9	169.5	75.
81.5	163.0	26976.0	17.0	-60.8	99.9	260.0	17.9*	17.6	3.1	681.2	999.9	99.9	999.9	171.8	75.
83.6	164.0	27759.8	15.0	-58.0	99.9	264.2	32.4	32.2	3.3	715.2	999.9	99.9	999.9	176.4	75.
85.8	165.0	28665.2	13.0	-56.3	99.0	999.9	99.9	99.9	99.9	750.8	999.9	99.9	999.9	999.9	999.

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
1415 GMT

166 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	100.0	1006.5	5.0	3.2	350.0	5.1	0.9	-5.0	278.3	290.5	4.8	88.0	0.0	0.
0.2	5.0	152.8	1000.0	3.6	2.2	332.2	8.3	3.9	-7.3	277.4	288.8	4.5	90.6	0.2	150.
0.7	6.0	258.9	987.0	2.3	1.5	330.6	7.6	3.7	-6.6	277.0	287.8	4.2	92.5	0.3	150.
0.9	7.0	349.5	976.0	1.8	1.1	328.6	6.9	3.6	-5.9	277.4	288.2	4.2	95.3	0.4	151.
1.1	8.0	449.1	964.0	0.6	0.1	324.5	6.6	3.8	-5.4	277.2	287.4	4.0	96.5	0.5	150.
1.6	9.0	532.9	954.0	0.3	-0.2	310.9	7.5	5.7	-4.9	277.6	287.8	4.0	96.5	0.7	147.
1.9	10.0	625.9	943.0	-0.2	-0.7	304.1	8.8	7.3	-4.9	278.1	288.0	3.9	96.4	0.8	144.
2.1	11.0	737.0	930.0	-0.7	-1.2	297.8	9.6	8.5	-4.5	278.6	288.4	3.8	96.3	0.9	141.
2.4	12.0	832.1	919.0	-1.2	-1.7	286.0	10.7	10.3	-3.0	279.1	288.7	3.7	96.6	1.1	137.
2.8	13.0	928.2	908.0	-1.3	-1.8	279.5	13.4	13.2	-2.2	279.9	289.5	3.7	96.6	1.3	129.
3.0	14.0	1016.6	898.0	-1.3	-1.9	278.0	14.9	14.7	-2.1	280.8	290.5	3.7	95.9	1.5	125.
3.3	15.0	1115.0	887.0	-1.2	-3.5	278.7	16.3	16.1	-2.4	281.9	290.7	3.3	84.2	1.7	121.
3.8	16.0	1223.7	875.0	-1.0	-4.8	279.3	18.7	18.5	-3.0	283.1	291.3	3.1	75.7	2.2	116.
4.1	17.0	1324.9	864.0	-0.4	-5.4	279.9	20.0	19.7	-3.4	284.8	292.8	3.0	68.5	2.5	114.
4.3	18.0	1418.0	854.0	-0.9	-5.9	280.5	20.6	20.3	-3.8	285.2	293.0	2.9	68.5	2.8	113.
4.8	19.0	1512.0	844.0	-1.3	-8.6	281.1	22.2	21.8	-4.3	285.6	292.1	2.4	57.6	3.4	111.
5.1	20.0	1606.9	834.0	-1.8	-9.0	279.7	22.9	22.6	-3.8	286.1	292.2	2.2	55.2	3.8	110.
5.5	21.0	1722.2	822.0	-2.0	-10.7	274.2	23.2	23.2	-1.7	287.1	292.8	2.1	51.0	4.4	108.
5.9	22.0	1819.7	812.0	-1.3	-9.4	265.6	23.1	23.0	1.8	288.8	295.2	2.3	54.2	4.9	106.
6.2	23.0	1908.6	803.0	-1.2	-8.6	262.2	23.9	23.7	2.2	289.9	296.9	2.5	57.1	5.3	104.
6.6	24.0	2008.4	793.0	-1.7	-10.1	260.1	25.1	24.7	4.3	290.4	296.7	2.2	52.4	5.8	102.
6.9	25.0	2109.5	783.0	-1.8	-9.2	258.8	25.1	24.6	4.9	291.3	298.1	2.4	56.8	6.3	100.
7.1	26.0	2232.2	771.0	-2.9	-9.2	257.7	25.2	24.6	5.4	291.6	298.5	2.5	60.9	6.6	99.
7.6	27.0	2325.2	762.0	-3.1	-9.2	254.7	25.8	24.8	6.8	292.2	299.2	2.5	62.0	7.3	97.
7.9	28.0	2419.2	753.0	-4.0	-8.7	253.1	26.5	25.4	7.7	292.2	299.6	2.6	69.9	7.7	96.
8.1	29.0	2524.8	743.0	-4.0	-5.0	252.4	27.2	25.9	8.2	293.4	303.3	3.5	92.5	7.9	95.
8.6	30.0	2621.2	734.0	-3.2	-4.2	251.6	29.0	27.5	9.2	295.3	306.0	3.8	93.3	8.7	92.
8.9	31.0	2718.8	725.0	-4.2	-5.2	251.7	29.8	28.3	9.4	295.3	305.4	3.6	92.9	9.3	91.
9.2	32.0	2817.4	716.0	-4.5	-7.5	252.0	30.5	29.0	9.4	296.0	304.7	3.1	80.7	9.8	90.
9.7	33.0	2917.1	707.0	-4.3	-7.0	253.0	31.4	30.0	9.2	296.7	305.8	3.2	84.7	10.6	89.
10.0	34.0	3017.7	698.0	-5.9	-9.7	253.7	31.9	30.6	9.0	296.6	304.3	2.7	75.9	11.2	88.
10.3	35.0	3119.5	689.0	-6.0	-10.7	254.4	32.5	31.3	8.8	297.5	304.9	2.6	72.5	11.8	87.
10.8	36.0	3245.3	678.0	-7.2	-11.7	255.2	34.1	32.9	8.7	297.5	304.1	2.3	70.1	12.7	86.
11.1	37.0	3337.8	670.0	-7.7	-11.7	255.3	35.3	34.2	9.0	298.0	304.7	2.3	72.6	13.3	86.
11.3	38.0	3442.9	661.0	-8.8	-11.6	255.0	36.4	35.1	9.4	297.8	304.7	2.4	80.5	13.8	86.
11.8	39.0	3537.1	653.0	-9.9	-11.9	253.1	38.9	37.2	11.3	297.7	304.5	2.4	85.3	14.9	85.
12.1	40.0	3632.2	645.0	-10.6	-16.0	251.2	40.2	38.1	12.9	297.8	302.9	1.7	64.3	15.6	84.
12.4	41.0	3764.9	634.0	-9.1	-18.5	249.0	41.1	38.4	14.7	300.9	305.2	1.4	47.2	16.3	84.
12.8	42.0	3863.5	626.0	-7.7	-24.7	246.5	40.8	37.4	16.3	303.6	306.2	0.8	24.0	17.3	83.
13.0	43.0	3963.6	618.0	-7.4	-25.2	245.2	40.4	36.6	16.9	305.1	307.6	0.8	22.3	17.9	82.
13.2	44.0	4065.0	610.0	-7.7	-23.4	244.9	40.0	36.2	16.9	305.9	308.9	0.9	26.8	18.3	82.
13.7	45.0	4167.6	602.0	-8.7	-25.2	245.3	40.2	36.5	16.8	305.8	308.4	0.8	24.9	19.3	81.
14.0	46.0	4271.1	594.0	-9.3	-26.8	246.4	41.5	38.0	16.6	306.3	308.6	0.7	22.4	19.8	80.
14.2	47.0	4375.8	586.0	-10.2	-27.5	247.2	42.4	39.0	16.4	306.5	308.7	0.7	22.9	20.4	80.
14.7	48.0	4481.5	578.0	-11.2	-27.1	248.7	43.1	40.2	15.6	306.5	308.8	0.7	25.4	21.9	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
1415 GMT

166 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.9	49.0	4575.0	571.0	-11.6	-24.0	249.1	42.5	39.7	19.2	307.1	309.9	0.9	32.5	22.5	79.
15.2	50.0	4682.9	563.0	-12.6	-25.5	249.5	41.5	38.9	17.5	307.2	309.9	0.8	32.8	23.1	78.
15.7	51.0	4819.5	553.0	-13.6	-26.4	250.2	40.5	38.1	13.8	307.6	310.1	0.8	32.8	24.2	78.
16.0	52.0	4916.2	546.0	-14.6	-25.4	250.6	40.9	38.5	13.6	307.5	310.4	0.9	39.1	25.0	78.
16.2	53.0	5013.9	539.0	-15.1	-25.0	250.8	41.7	39.4	13.7	308.0	311.0	0.9	42.4	25.5	78.
16.7	54.0	5126.8	531.0	-16.1	-25.0	251.0	43.4	41.1	14.1	308.2	311.2	0.9	45.8	26.7	77.
17.0	55.0	5225.6	524.0	-16.6	-24.5	251.0	44.1	41.7	14.3	308.3	311.5	1.0	50.3	27.3	77.
17.3	56.0	5356.6	515.0	-17.5	-25.1	250.8	43.3*	40.9	14.2	309.2	312.3	1.0	51.0	28.5	77.
17.8	57.0	5459.0	508.0	-18.3	-22.9	250.9	43.0*	40.6	14.1	309.5	313.2	1.2	66.5	29.6	77.
18.1	58.0	5562.5	501.0	-18.7	-24.5	251.3	43.6*	41.3	14.0	310.2	313.5	1.0	60.0	30.1	77.
18.5	59.0	5667.4	494.0	-18.9	-27.7	252.1	45.4*	43.2	14.0	311.1	313.6	0.8	45.5	31.4	76.
18.8	60.0	5773.6	487.0	-19.6	-28.1	252.2	45.8*	43.6	14.0	311.5	314.0	0.8	46.5	32.4	76.
19.1	61.0	5881.0	480.0	-20.0	-28.5	252.1	46.3*	44.1	14.2	312.3	314.8	0.8	47.2	33.2	76.
19.4	62.0	5974.3	474.0	-20.6	-28.7	251.6	47.2*	44.8	14.9	312.7	315.2	0.7	48.0	33.8	76.
19.8	63.0	6084.2	467.0	-21.4	-29.0	250.8	49.6*	46.9	10.3	313.1	315.5	0.7	49.8	34.9	76.
20.1	64.0	6195.5	460.0	-22.0	-29.7	250.1	51.5*	48.4	17.5	313.6	315.9	0.7	49.5	35.9	76.
20.3	65.0	6291.9	454.0	-22.8	-30.3	249.6	52.3*	49.0	18.2	313.8	316.0	0.7	50.1	36.7	76.
20.8	66.0	6422.1	446.0	-23.9	-31.2	248.3	53.8*	50.0	19.9	314.0	316.1	0.6	50.5	38.2	76.
21.1	67.0	6537.6	439.0	-24.1	-32.7	247.7	54.2*	50.2	20.5	315.1	317.0	0.6	44.9	39.0	75.
21.3	68.0	6637.8	433.0	-24.8	-38.2	247.5	54.1*	50.0	20.7	315.5	316.6	0.3	27.4	39.6	75.
21.8	69.0	6756.3	426.0	-25.3	-40.7	247.3	51.4*	47.4	19.8	316.3	317.2	0.3	22.1	41.7	75.
22.0	70.0	6859.1	420.0	-26.0	-41.2	247.4	49.6*	45.7	19.1	316.7	317.6	0.2	22.1	42.7	75.
22.5	71.0	6980.6	413.0	-27.0	-42.8	247.9	46.6*	43.2	17.6	316.9	317.6	0.2	20.5	42.9	74.
22.9	72.0	7103.5	406.0	-28.1	-43.7	249.1	49.1*	45.9	17.5	317.1	317.8	0.2	20.6	44.6	74.
23.1	73.0	7210.3	400.0	-28.7	-47.9	249.7	50.3*	47.2	17.4	317.6	318.0	0.1	13.6	45.2	74.
23.5	74.0	7318.3	394.0	-29.5	-48.2	251.1	52.5*	49.6	17.0	318.0	318.4	0.1	14.2	46.0	74.
23.9	75.0	7427.6	388.0	-30.5	-47.1	251.8	51.0*	48.4	15.9	318.0	318.5	0.1	16.7	48.1	74.
24.1	76.0	7519.5	383.0	-31.9	-48.7	251.9	50.5*	48.0	15.7	317.5	317.9	0.1	16.9	48.7	74.
24.6	77.0	7630.9	377.0	-33.0	-48.7	251.8	50.5*	48.0	15.8	317.3	317.8	0.1	18.8	49.3	74.
24.9	78.0	7743.5	371.0	-33.8	-49.2	251.9	51.7*	49.1	16.0	317.8	318.2	0.1	19.3	50.7	74.
25.2	79.0	7838.5	366.0	-34.5	-51.0	252.3	51.4*	48.9	15.6	318.1	318.5	0.1	16.6	51.7	74.
25.7	80.0	7953.9	360.0	-35.4	-52.2	253.2	48.8*	46.7	14.1	318.4	318.7	0.1	15.7	53.2	74.
26.1	81.0	8090.2	353.0	-36.8	-53.9	253.7	46.2*	44.4	12.9	318.2	318.5	0.1	14.9	54.4	74.
26.5	82.0	8188.8	348.0	-37.7	-54.5	253.9	45.6*	43.8	12.6	318.3	318.5	0.1	15.0	55.1	74.
26.9	83.0	8308.5	342.0	-38.7	-55.1	254.0	47.4*	45.5	12.0	318.6	318.9	0.1	15.5	56.5	74.
27.1	84.0	8409.4	337.0	-40.0	-55.7	254.2	48.6*	46.7	13.3	318.1	318.4	0.1	16.6	57.1	74.
27.5	85.0	8531.8	331.0	-41.1	99.9	254.6	51.6*	49.8	13.7	318.4	999.9	99.9	999.9	58.0	74.
27.9	86.0	8655.8	325.0	-42.3	99.9	255.5	54.2*	52.4	13.6	318.4	999.9	99.9	999.9	59.4	74.
28.2	87.0	8760.4	320.0	-43.2	99.9	256.0	53.9*	52.3	13.0	318.5	999.9	99.9	999.9	60.5	74.
28.6	88.0	8866.3	315.0	-44.1	99.9	256.4	51.8*	50.3	12.2	318.8	999.9	99.9	999.9	61.9	74.
28.9	89.0	8973.4	310.0	-45.2	99.9	256.2	49.5*	48.0	11.8	318.7	999.9	99.9	999.9	63.1	74.
29.2	90.0	9081.7	305.0	-46.4	99.9	255.9	50.5*	49.0	12.3	318.5	999.9	99.9	999.9	63.5	74.
29.7	91.0	9191.4	300.0	-46.8	99.9	255.5	55.5*	53.7	13.9	319.4	999.9	99.9	999.9	64.7	74.
30.0	92.0	9302.5	295.0	-48.0	99.9	255.6	58.9*	57.0	14.7	319.3	999.9	99.9	999.9	66.3	74.
30.2	93.0	9415.2	290.0	-48.4	99.9	255.8	55.6*	53.9	13.6	320.3	999.9	99.9	999.9	67.1	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
1415 GMT

166 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
30.7	94.0	9529.6	285.0	-48.8	99.9	256.6	45.7*	44.5	10.6	321.2	999.9	99.9	999.9	68.8	74.
31.0	95.0	9645.7	280.0	-49.5	99.9	257.2	38.1*	37.1	8.4	321.8	999.9	99.9	999.9	69.5	74.
31.3	96.0	9787.1	274.0	-51.0	99.9	257.4	40.5*	39.5	3.9	321.7	999.9	99.9	999.9	69.7	74.
31.8	97.0	9882.5	270.0	-52.2	99.9	257.7	51.7*	50.5	17.1	321.3	999.9	99.9	999.9	70.5	74.
32.1	98.0	10003.2	265.0	-53.2	99.9	258.1	58.6*	57.4	17.1	321.5	999.9	99.9	999.9	71.6	74.
32.5	99.0	10101.0	261.0	-54.0	99.9	259.3	60.9*	59.8	11.3	321.8	999.9	99.9	999.9	74.5	74.
32.9	100.0	10225.0	256.0	-54.8	99.9	261.3	55.5*	54.8	8.4	322.4	999.9	99.9	999.9	75.5	75.
33.2	101.0	10350.9	251.0	-55.6	99.9	262.8	56.2*	55.8	7.0	323.1	999.9	99.9	999.9	75.8	75.
33.7	102.0	10478.8	246.0	-56.7	99.9	265.0	62.7*	62.5	5.5	323.3	999.9	99.9	999.9	77.2	75.
33.9	103.0	10582.6	242.0	-57.2	99.9	265.8	66.0*	65.8	4.9	324.1	999.9	99.9	999.9	78.6	75.
34.2	104.0	10688.0	238.0	-57.5	99.9	267.1	65.1*	65.1	7.3	325.2	999.9	99.9	999.9	80.1	75.
34.6	105.0	10795.1	234.0	-57.5	99.9	269.0	59.9*	59.9	1.1	326.7	999.9	99.9	999.9	81.5	75.
35.0	106.0	10931.2	229.0	-58.5	99.9	270.0	53.3*	53.3	-0.0	327.3	999.9	99.9	999.9	82.5	76.
35.3	107.0	11041.8	225.0	-59.3	99.9	268.7	55.4*	55.4	1.3	327.7	999.9	99.9	999.9	83.2	76.
35.8	108.0	11153.9	221.0	-60.5	99.9	266.3	61.5*	61.4	4.0	327.5	999.9	99.9	999.9	84.9	76.
36.1	109.0	11267.5	217.0	-61.0	99.9	265.1	64.3*	64.1	5.5	328.4	999.9	99.9	999.9	86.2	76.
36.6	110.0	11383.0	213.0	-61.5	99.9	263.7	59.8*	59.4	5.6	329.4	999.9	99.9	999.9	88.3	76.
37.0	111.0	11500.7	209.0	-60.7	99.9	262.2	47.5*	47.1	5.5	332.5	999.9	99.9	999.9	90.1	76.
37.5	112.0	11621.1	205.0	-60.5	99.9	256.3	32.7*	31.7	7.7	334.6	999.9	99.9	999.9	91.0	76.
37.9	113.0	11743.9	201.0	-60.3	99.9	249.6	34.8*	32.6	12.1	336.8	999.9	99.9	999.9	91.0	76.
38.2	114.0	11869.7	197.0	-58.6	99.9	247.1	41.3*	38.0	16.1	341.4	999.9	99.9	999.9	91.5	76.
38.6	115.0	11998.9	193.0	-57.5	99.9	246.0	52.1*	47.5	2.2	345.3	999.9	99.9	999.9	92.8	76.
39.0	116.0	12131.9	189.0	-55.1	99.9	245.8	59.6*	54.4	27.5	351.2	999.9	99.9	999.9	94.8	76.
39.4	117.0	12268.5	185.0	-55.2	99.9	245.4	60.4*	54.9	25.2	353.1	999.9	99.9	999.9	95.8	76.
39.9	118.0	12407.9	181.0	-55.6	99.9	244.6	58.6*	53.0	25.2	354.8	999.9	99.9	999.9	97.9	76.
40.2	119.0	12514.2	178.0	-56.5	99.9	244.3	58.6*	52.8	25.4	354.9	999.9	99.9	999.9	98.8	76.
40.8	120.0	12658.3	174.0	-57.0	99.9	999.9	99.9	99.9	99.9	356.4	999.9	99.9	999.9	999.9	999.
41.1	121.0	12768.4	171.0	-57.0	99.9	999.9	99.9	99.9	99.9	358.2	999.9	99.9	999.9	999.9	999.
41.6	122.0	12918.0	167.0	-57.6	99.9	999.9	99.9	99.9	99.9	359.6	999.9	99.9	999.9	999.9	999.
42.0	123.0	13032.2	164.0	-58.6	99.9	999.9	99.9	99.9	99.9	359.8	999.9	99.9	999.9	999.9	999.
42.3	124.0	13148.3	161.0	-58.3	99.9	999.9	99.9	99.9	99.9	362.2	999.9	99.9	999.9	999.9	999.
42.8	125.0	13306.6	157.0	-58.3	99.9	999.9	99.9	99.9	99.9	364.9	999.9	99.9	999.9	999.9	999.
43.2	126.0	13468.9	153.0	-58.6	99.9	999.9	99.9	99.9	99.9	367.0	999.9	99.9	999.9	999.9	999.
43.8	127.0	13593.3	150.0	-58.6	99.9	999.9	99.9	99.9	99.9	369.1	999.9	99.9	999.9	999.9	999.
44.1	128.0	13720.3	147.0	-58.5	99.9	999.9	99.9	99.9	99.9	371.5	999.9	99.9	999.9	999.9	999.
44.6	129.0	13850.1	144.0	-58.3	99.9	999.9	99.9	99.9	99.9	374.0	999.9	99.9	999.9	999.9	999.
45.0	130.0	14027.7	140.0	-57.3	99.9	999.9	99.9	99.9	99.9	378.7	999.9	99.9	999.9	999.9	999.
45.7	131.0	14164.8	137.0	-56.8	99.9	999.9	99.9	99.9	99.9	381.9	999.9	99.9	999.9	999.9	999.
46.0	132.0	14305.0	134.0	-57.3	99.9	999.9	99.9	99.9	99.9	383.5	999.9	99.9	999.9	999.9	999.
46.6	133.0	14447.8	131.0	-58.1	99.9	999.9	99.9	99.9	99.9	384.5	999.9	99.9	999.9	999.9	999.
47.0	134.0	14593.6	128.0	-58.6	99.9	999.9	99.9	99.9	99.9	386.2	999.9	99.9	999.9	999.9	999.
47.5	135.0	14742.4	125.0	-59.1	99.9	999.9	99.9	99.9	99.9	387.9	999.9	99.9	999.9	999.9	999.
47.9	136.0	14945.8	121.0	-60.3	99.9	999.9	99.9	99.9	99.9	389.4	999.9	99.9	999.9	999.9	999.
48.3	137.0	15101.7	118.0	-61.9	99.9	999.9	99.9	99.9	99.9	389.3	999.9	99.9	999.9	999.9	999.
49.0	138.0	15315.0	114.0	-62.2	99.9	999.9	99.9	99.9	99.9	392.5	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
1415 GMT

166 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
49.5	139.0	15479.2	111.0	-63.7	99.9	999.9	99.9	99.9	99.9	392.8	999.9	99.9	999.9	999.9	999.9
50.1	140.0	15704.2	107.0	-64.0	99.9	999.9	99.9	99.9	99.9	396.3	999.9	99.9	999.9	999.9	999.9
50.8	141.0	15878.1	104.0	-64.6	99.9	999.9	99.9	99.9	99.9	398.5	999.9	99.9	999.9	999.9	999.9
51.2	142.0	16056.5	101.0	-65.5	99.9	999.9	99.9	99.9	99.9	400.0	999.9	99.9	999.9	999.9	999.9
51.9	143.0	16302.2	97.0	-65.7	99.9	999.9	99.9	99.9	99.9	404.3	999.9	99.9	999.9	999.9	999.9
52.5	144.0	16493.7	94.0	-64.2	99.9	999.9	99.9	99.9	99.9	410.9	999.9	99.9	999.9	999.9	999.9
53.1	145.0	16692.5	91.0	-63.7	99.9	999.9	99.9	99.9	99.9	415.8	999.9	99.9	999.9	999.9	999.9
53.9	146.0	16898.8	88.0	-62.4	99.9	999.9	99.9	99.9	99.9	422.3	999.9	99.9	999.9	999.9	999.9
54.6	147.0	17113.2	85.0	-61.9	99.9	999.9	99.9	99.9	99.9	427.6	999.9	99.9	999.9	999.9	999.9
55.2	148.0	17335.6	82.0	-61.9	99.9	999.9	99.9	99.9	99.9	432.0	999.9	99.9	999.9	999.9	999.9
56.0	149.0	17566.2	79.0	-61.9	99.9	999.9	99.9	99.9	99.9	436.7	999.9	99.9	999.9	999.9	999.9
56.7	150.0	17805.4	76.0	-62.6	99.9	999.9	99.9	99.9	99.9	440.0	999.9	99.9	999.9	999.9	999.9
57.3	151.0	18053.8	73.0	-62.6	99.9	999.9	99.9	99.9	99.9	445.1	999.9	99.9	999.9	999.9	999.9
58.1	152.0	18312.8	70.0	-62.4	99.9	999.9	99.9	99.9	99.9	450.9	999.9	99.9	999.9	999.9	999.9
59.0	153.0	18676.5	66.0	-61.9	99.9	999.9	99.9	99.9	99.9	459.7	999.9	99.9	999.9	999.9	999.9
59.9	154.0	18866.7	64.0	-62.4	99.9	999.9	99.9	99.9	99.9	462.6	999.9	99.9	999.9	999.9	999.9
60.7	155.0	19163.4	61.0	-61.9	99.9	999.9	99.9	99.9	99.9	470.2	999.9	99.9	999.9	999.9	999.9
61.6	156.0	19475.8	58.0	-61.5	99.9	249.7	42.6*	40.0	14.7	477.8	999.9	99.9	999.9	149.6	74.
62.3	157.0	19804.6	55.0	-62.0	99.9	257.3	21.9*	21.4	4.8	483.9	999.9	99.9	999.9	150.6	74.
63.2	158.0	20151.7	52.0	-61.7	99.9	264.2	20.1*	20.0	2.0	492.6	999.9	99.9	999.9	151.6	74.
64.1	159.0	20519.8	49.0	-61.7	99.9	263.1	39.0*	38.7	5.7	501.0	999.9	99.9	999.9	152.9	75.
65.1	160.0	20777.4	47.0	-62.4	99.9	265.8	21.9*	21.8	1.6	505.3	999.9	99.9	999.9	156.4	75.
66.1	161.0	21184.8	44.0	-62.2	99.9	336.4	2.9*	1.2	-2.7	515.4	999.9	99.9	999.9	155.3	75.
67.2	162.0	21621.4	41.0	-61.9	99.9	257.7	30.1*	29.4	6.4	526.8	999.9	99.9	999.9	156.7	75.
68.4	163.0	22091.9	38.0	-61.7	99.9	90.5	6.0*	-6.0	0.0	538.8	999.9	99.9	999.9	158.4	75.
69.5	164.0	22601.1	35.0	-61.9	99.9	259.5	34.9*	34.4	6.3	551.1	999.9	99.9	999.9	157.6	75.
70.8	165.0	23156.3	32.0	-61.3	99.9	296.2	9.9*	8.9	-4.4	566.9	999.9	99.9	999.9	160.1	75.
72.0	166.0	23765.5	29.0	-62.4	99.9	264.0	49.6*	49.4	5.2	580.1	999.9	99.9	999.9	161.4	75.
73.4	167.0	24206.9	27.0	-62.2	99.9	294.6	0.9*	0.8	-0.4	592.6	999.9	99.9	999.9	164.6	75.
74.9	168.0	24937.3	24.0	-60.7	99.9	260.6	41.0	40.4	6.7	617.5	999.9	99.9	999.9	165.0	75.
76.8	169.0	25769.4	21.0	-60.1	99.9	999.9	99.9	99.9	99.9	643.1	999.9	99.9	999.9	999.9	999.9

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
1715 GMT

160 25. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	100.0	1008.0	4.2	1.7	330.0	6.2	3.1	-5.4	277.3	288.3	4.3	84.0	0.0	0.
0.1	5.0	181.1	998.0	3.5	1.6	309.3	6.3	4.9	-4.0	277.4	288.4	4.3	87.1	0.3	137.
0.7	6.0	295.5	984.0	1.8	0.2	310.4	7.6	5.8	-5.0	276.8	286.9	4.0	89.0	0.3	135.
1.0	7.0	394.4	972.0	0.7	-0.5	311.5	9.6	7.2	-6.4	276.6	286.2	3.8	90.9	0.5	134.
1.2	8.0	494.1	960.0	0.0	-0.7	312.3	10.1	7.5	-6.8	276.9	286.6	3.8	94.7	0.6	134.
1.6	9.0	620.2	945.0	-1.1	-1.8	313.2	10.6	7.7	-7.3	276.9	286.1	3.6	95.0	0.9	133.
1.9	10.0	688.0	937.0	-1.7	-2.3	313.3	9.7	7.0	-6.6	276.9	285.9	3.5	96.2	1.1	133.
2.2	11.0	759.1	924.0	-2.5	-3.0	313.0	9.3	6.8	-6.4	277.2	285.8	3.3	96.4	1.2	133.
2.7	12.0	894.2	913.0	-3.0	-3.5	312.2	9.3	6.9	-5.2	277.7	286.1	3.2	96.5	1.5	133.
3.0	13.0	958.9	901.0	-3.9	-4.3	311.5	9.2	6.9	-6.1	277.7	285.8	3.1	97.1	1.7	133.
3.3	14.0	1095.9	890.0	-4.2	-4.5	308.4	10.8	8.5	-6.7	278.4	286.4	3.1	97.3	1.8	133.
3.7	15.0	1194.0	879.0	-4.4	-5.4	304.0	13.3	11.1	-7.5	279.2	286.9	2.9	92.8	2.1	132.
4.1	16.0	1311.8	866.0	-2.8	-4.0	299.4	15.7	13.7	-7.7	282.1	290.8	3.3	91.8	2.5	131.
4.4	17.0	1413.2	855.0	-2.8	-7.8	295.2	15.9	14.4	-6.8	283.0	289.7	2.5	68.6	2.8	129.
4.8	18.0	1506.6	845.0	-2.5	-7.1	285.3	15.6	15.1	-4.1	284.3	291.5	2.7	70.7	3.1	127.
5.1	19.0	1610.6	834.0	-2.5	-6.8	277.4	16.0	15.9	-2.1	285.4	292.9	2.8	72.6	3.4	125.
5.4	20.0	1706.4	824.0	-2.5	-9.2	271.8	17.3	17.3	-0.6	286.3	292.7	2.3	60.2	3.6	123.
5.9	21.0	1832.6	811.0	-2.5	-11.9	266.6	19.5	19.4	1.2	287.6	292.9	1.9	48.5	4.1	118.
6.1	22.0	1931.0	801.0	-2.4	-19.9	266.4	21.1	21.1	1.3	288.6	291.5	1.0	24.6	4.3	117.
6.6	23.0	2031.0	791.0	-0.9	-24.1	268.5	26.9	26.9	0.7	291.2	293.3	0.7	15.2	4.9	112.
6.9	24.0	2132.7	781.0	0.0	-22.3	269.4	29.4	29.4	0.3	293.3	295.8	0.8	16.6	5.4	110.
7.1	25.0	2246.2	770.0	-0.1	-13.3	269.5	30.7	30.7	0.3	294.4	299.6	1.8	36.2	5.8	109.
7.7	26.0	2371.8	758.0	-1.1	-10.4	267.8	33.5	33.5	1.3	294.8	301.3	2.3	48.9	6.9	106.
8.0	27.0	2466.9	749.0	-2.1	-10.1	266.5	34.4	34.4	2.1	294.7	301.5	2.4	53.9	7.5	104.
8.3	28.0	2573.7	739.0	-2.5	-9.9	264.9	34.9	34.8	3.1	295.4	302.9	2.6	60.9	8.1	103.
8.8	29.0	2681.8	729.0	-3.2	-7.9	262.6	35.2	34.9	4.5	295.9	304.1	2.9	69.4	9.2	101.
9.0	30.0	2791.0	719.0	-3.9	-8.0	261.7	35.2	34.8	5.1	296.2	304.5	2.9	73.4	9.6	100.
9.4	31.0	2890.4	710.0	-4.4	-7.8	260.8	35.3	34.8	5.7	296.8	305.3	3.0	77.0	10.3	98.
9.8	32.0	3002.1	700.0	-5.5	-8.6	260.2	35.9	35.4	6.1	296.8	304.9	2.9	78.6	11.1	97.
10.1	33.0	3103.6	691.0	-6.1	-9.0	259.7	36.5	35.9	6.5	297.2	305.2	2.8	79.8	11.7	96.
10.3	34.0	3206.1	682.0	-7.0	-10.5	259.4	36.9	36.3	6.8	297.3	304.5	2.5	75.3	12.2	96.
10.8	35.0	3321.4	672.0	-7.3	-10.7	258.6	37.4	36.7	7.4	298.2	305.5	2.5	76.4	13.3	94.
11.1	36.0	3449.8	661.0	-8.6	-11.7	258.2	37.4	36.6	7.7	298.1	304.9	2.4	78.4	13.9	93.
11.5	37.0	3556.1	652.0	-9.1	-11.5	257.8	37.4	36.5	7.9	298.7	305.8	2.4	82.1	14.9	93.
11.9	38.0	3663.6	643.0	-10.1	-12.1	257.7	37.4	36.6	8.0	298.8	305.6	2.4	85.2	15.6	92.
12.2	39.0	3772.2	634.0	-10.9	-12.8	257.4	37.7	36.8	8.3	299.0	305.6	2.3	86.0	16.3	91.
12.6	40.0	3882.0	625.0	-11.7	-13.1	256.4	38.7	37.6	9.1	299.4	305.9	2.2	88.6	17.3	90.
13.0	41.0	4005.6	615.0	-11.9	-13.0	254.6	40.8	39.4	10.8	300.4	307.1	2.3	91.6	17.8	90.
13.2	42.0	4118.4	606.0	-12.8	-13.9	253.0	42.0	40.1	12.3	300.7	307.1	2.2	91.8	18.5	89.
13.8	43.0	4232.6	597.0	-12.8	-26.4	243.4	43.9	40.8	16.1	301.8	304.1	0.7	30.9	20.2	88.
14.1	44.0	4335.7	589.0	-12.1	-26.6	246.6	43.6	40.0	17.3	303.8	306.1	0.7	28.4	20.9	87.
14.5	45.0	4453.3	580.0	-12.8	-27.1	245.3	42.1	38.2	17.6	304.3	306.6	0.7	28.8	21.8	86.
14.9	46.0	4559.2	572.0	-13.1	-27.2	246.3	40.8	37.3	15.4	305.2	307.5	0.7	29.2	22.9	85.
15.1	47.0	4666.5	564.0	-13.4	-26.2	247.1	40.9	37.7	15.9	306.1	308.6	0.8	32.8	23.3	85.
15.6	48.0	4775.3	556.0	-13.4	-22.5	249.8	43.9	41.2	15.2	307.4	310.9	1.1	45.6	24.2	84.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
1715 GMT

160 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.0	49.0	4885.4	548.0	-14.2	-22.3	251.2	47.8	45.2	15.4	307.7	311.2	1.1	48.0	25.3	83.
16.2	50.0	4997.0	540.0	-14.5	-21.5	251.2	48.1*	45.5	15.5	308.6	312.6	1.3	54.9	26.1	83.
16.8	51.0	5138.4	530.0	-15.6	-21.7	250.6	48.2*	45.4	15.0	309.0	313.0	1.3	59.5	27.8	82.
17.2	52.0	5253.0	522.0	-17.0	-22.1	250.3	48.8*	45.9	15.5	308.6	312.6	1.2	64.4	28.8	82.
17.6	53.0	5368.9	514.0	-17.2	-21.5	250.4	50.8*	47.9	17.0	309.7	313.8	1.3	68.6	29.9	81.
18.0	54.0	5486.5	506.0	-17.4	-22.2	250.7	53.1*	50.2	17.5	310.9	315.0	1.3	66.0	31.3	81.
18.2	55.0	5605.8	498.0	-18.2	-24.5	250.8	53.7*	50.7	17.7	311.3	314.7	1.0	57.2	31.9	81.
18.8	56.0	5772.7	487.0	-18.2	-26.2	250.7	55.2*	52.1	18.2	313.3	316.3	0.9	49.3	33.8	80.
19.1	57.0	5880.8	480.0	-18.5	-29.9	250.5	55.5*	52.3	18.5	314.2	316.4	0.7	35.6	34.8	80.
19.5	58.0	6006.2	472.0	-18.7	-31.8	250.0	55.0*	51.7	17.8	315.4	317.3	0.6	30.3	36.2	79.
19.9	59.0	6117.4	465.0	-19.5	-33.3	249.1	53.1*	49.6	18.9	315.7	317.3	0.5	26.9	37.6	79.
20.2	60.0	6229.9	458.0	-20.6	-33.3	248.5	52.0*	48.4	19.0	315.7	317.4	0.5	29.3	38.4	79.
20.7	61.0	6343.7	451.0	-21.4	-34.3	248.0	51.6*	47.9	19.3	316.1	317.7	0.5	30.0	39.8	79.
21.0	62.0	6475.3	443.0	-22.7	-35.1	248.0	52.3*	48.5	19.5	316.1	317.5	0.4	31.0	40.8	78.
21.3	63.0	6592.0	436.0	-23.3	-38.1	248.3	52.2*	48.5	19.3	316.8	317.9	0.3	24.0	41.7	78.
21.8	64.0	6710.3	429.0	-24.2	-38.2	243.8	50.6*	47.1	19.3	317.1	318.2	0.3	25.9	43.4	78.
22.1	65.0	6830.0	422.0	-25.3	-39.6	249.2	49.4*	46.2	17.6	317.2	318.2	0.3	24.5	44.4	78.
22.7	66.0	6968.8	414.0	-26.2	-41.4	251.3	50.3*	47.6	16.1	317.8	318.7	0.2	22.1	45.7	77.
23.0	67.0	7092.0	407.0	-26.7	-47.1	252.6	51.9*	49.5	15.5	318.7	319.1	0.1	12.4	46.7	77.
23.4	68.0	7199.0	401.0	-27.9	-48.4	254.1	52.2*	50.2	14.3	318.5	318.9	0.1	12.0	48.3	77.
23.9	69.0	7325.3	394.0	-28.9	-49.1	255.0	52.0*	50.3	13.4	318.7	319.1	0.1	12.1	49.5	77.
24.1	70.0	7453.2	387.0	-30.0	-51.6	255.2	52.4*	50.7	13.4	319.0	319.3	0.1	10.0	50.1	77.
24.7	71.0	7601.6	379.0	-31.3	-54.0	255.0	54.9*	53.1	12.2	319.2	319.4	0.1	8.5	52.2	77.
25.0	72.0	7714.5	373.0	-32.0	-54.0	254.7	56.0*	54.0	13.8	319.6	319.8	0.1	8.6	53.2	77.
25.4	73.0	7848.0	366.0	-33.3	-54.0	253.7	54.4*	52.2	15.3	319.6	319.8	0.1	10.4	54.6	77.
25.9	74.0	7962.8	360.0	-34.4	-53.0	252.7	51.5*	49.1	15.3	319.7	320.0	0.1	12.1	56.3	77.
26.1	75.0	8081.0	354.0	-35.7	-53.0	252.6	50.8*	48.4	15.2	319.5	319.8	0.1	13.8	56.8	77.
26.6	76.0	8199.6	348.0	-36.9	-54.2	252.9	50.7*	48.4	14.9	319.4	319.7	0.1	14.4	58.1	76.
27.0	77.0	8319.7	342.0	-38.1	-54.4	253.2	51.2*	49.1	14.8	319.4	319.7	0.1	16.0	59.4	76.
27.4	78.0	8441.3	336.0	-39.1	-53.9	252.9	49.0*	46.9	13.4	319.6	319.9	0.1	18.8	60.9	76.
27.8	79.0	8564.5	330.0	-40.3	99.9	252.8	47.6*	45.5	14.1	319.7	999.9	99.9	999.9	61.9	76.
28.2	80.0	8689.3	324.0	-41.6	99.9	253.1	48.9*	46.8	14.2	319.7	999.9	99.9	999.9	62.8	76.
28.7	81.0	8837.1	317.0	-42.6	99.9	253.8	53.1*	51.0	14.8	320.2	999.9	99.9	999.9	64.3	76.
29.0	82.0	8965.8	311.0	-43.9	99.9	254.2	54.9*	52.9	15.0	320.2	999.9	99.9	999.9	65.6	76.
29.4	83.0	9074.3	306.0	-45.1	99.9	254.7	51.5*	49.7	13.6	320.0	999.9	99.9	999.9	67.0	76.
29.9	84.0	9206.3	300.0	-46.1	99.9	256.0	48.2*	46.8	11.7	320.4	999.9	99.9	999.9	68.2	76.
30.2	85.0	9340.4	294.0	-46.9	99.9	257.1	49.3*	48.1	11.0	321.1	999.9	99.9	999.9	68.9	76.
30.8	86.0	9499.7	287.0	-48.1	99.9	258.6	54.1*	53.0	10.7	321.7	999.9	99.9	999.9	70.9	76.
31.1	87.0	9615.2	282.0	-49.4	99.9	258.9	55.3*	54.2	10.7	321.4	999.9	99.9	999.9	72.0	76.
31.7	88.0	9732.3	277.0	-50.1	99.9	258.8	55.3*	54.3	10.8	322.0	999.9	99.9	999.9	74.0	76.
32.0	89.0	9875.2	271.0	-50.8	99.9	258.9	57.1*	56.0	11.0	323.0	999.9	99.9	999.9	74.8	76.
32.3	90.0	9996.1	266.0	-52.0	99.9	260.3	62.9*	62.0	10.6	323.0	999.9	99.9	999.9	75.5	76.
32.8	91.0	10118.9	261.0	-52.6	99.9	262.9	67.2*	66.7	8.3	323.8	999.9	99.9	999.9	78.0	76.
33.1	92.0	10243.5	256.0	-53.5	99.9	264.8	65.3*	65.0	9.9	324.3	999.9	99.9	999.9	79.7	77.
33.6	93.0	10370.2	251.0	-54.1	99.9	267.8	56.2*	56.2	2.1	325.2	999.9	99.9	999.9	81.4	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
1715 GMT

160 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
34.0	94.0	10499.0	246.0	-55.4	99.9	268.9	53.9*	53.9	1.1	325.2	999.9	99.9	999.9	81.5	77.
34.3	95.0	10629.6	241.0	-56.3	99.9	268.3	58.0*	58.0	1.7	325.7	999.9	99.9	999.9	82.9	77.
34.9	96.0	10762.6	236.0	-56.8	99.9	267.3	63.3*	63.2	3.0	326.9	999.9	99.9	999.9	85.6	77.
35.2	97.0	10898.1	231.0	-57.5	99.9	266.5	64.2*	64.0	3.9	328.0	999.9	99.9	999.9	86.6	78.
35.7	98.0	11036.2	226.0	-58.0	99.9	264.8	67.2*	67.0	6.1	329.3	999.9	99.9	999.9	88.3	78.
36.0	99.0	11148.7	222.0	-58.1	99.9	263.6	71.3*	70.9	6.0	330.7	999.9	99.9	999.9	89.8	78.
36.4	100.0	11292.0	217.0	-58.8	99.9	261.7	81.3*	80.5	11.7	331.8	999.9	99.9	999.9	90.9	78.
36.9	101.0	11438.5	212.0	-58.3	99.9	259.3	89.6*	88.1	16.6	334.8	999.9	99.9	999.9	94.2	78.
37.2	102.0	11558.4	208.0	-58.3	99.9	257.5	87.9*	85.9	19.0	336.7	999.9	99.9	999.9	96.0	78.
37.8	103.0	11711.8	203.0	-57.3	99.9	252.2	72.7*	69.2	22.2	340.6	999.9	99.9	999.9	99.1	78.
38.1	104.0	11837.6	199.0	-57.3	99.9	248.4	62.5*	58.1	23.0	342.5	999.9	99.9	999.9	100.4	78.
38.6	105.0	11965.8	195.0	-58.1	99.9	241.4	47.2*	41.4	22.6	343.2	999.9	99.9	999.9	101.6	78.
39.0	106.0	12057.0	191.0	-55.7	99.9	236.4	37.7*	31.4	20.9	349.1	999.9	99.9	999.9	102.6	77.
39.4	107.0	12232.1	187.0	-54.9	99.9	237.1	35.2*	29.6	19.2	352.5	999.9	99.9	999.9	103.6	77.
40.0	108.0	12370.4	183.0	-54.5	99.9	245.8	48.1*	43.9	19.7	355.5	999.9	99.9	999.9	103.3	77.
40.4	109.0	12511.8	179.0	-55.2	99.9	249.7	63.1*	59.2	21.8	356.4	999.9	99.9	999.9	105.6	77.
40.9	110.0	12655.9	175.0	-55.6	99.9	250.8	71.3**	67.3	23.5	358.2	999.9	99.9	999.9	108.3	77.
41.4	111.0	12840.3	170.0	-56.5	99.9	249.6	68.6**	64.3	23.9	359.6	999.9	99.9	999.9	110.0	77.
41.9	112.0	12953.2	167.0	-56.8	99.9	247.7	61.0**	56.4	23.2	360.9	999.9	99.9	999.9	112.3	77.
42.3	113.0	13106.7	163.0	-57.0	99.9	246.2	54.2**	49.6	21.9	363.2	999.9	99.9	999.9	113.7	76.
42.9	114.0	13264.0	159.0	-57.0	99.9	246.1	52.2**	47.7	21.1	365.8	999.9	99.9	999.9	115.1	76.
43.3	115.0	13384.6	156.0	-57.2	99.9	248.5	61.8**	57.5	22.6	367.5	999.9	99.9	999.9	116.0	76.
43.9	116.0	13548.6	152.0	-58.0	99.9	251.3	78.1**	73.9	25.0	368.8	999.9	99.9	999.9	118.8	76.
44.3	117.0	13716.6	148.0	-58.3	99.9	252.1	79.3**	75.5	24.3	371.1	999.9	99.9	999.9	121.3	76.
44.9	118.0	13845.3	145.0	-58.8	99.9	251.6	65.7**	62.4	20.7	372.4	999.9	99.9	999.9	123.5	76.
45.2	119.0	14020.5	141.0	-60.0	99.9	249.9	51.5**	48.4	17.7	373.3	999.9	99.9	999.9	125.1	76.
45.8	120.0	14154.7	138.0	-60.1	99.9	238.6	20.1**	17.2	10.5	375.3	999.9	99.9	999.9	126.7	76.
46.2	121.0	14291.7	135.0	-60.7	99.9	216.3	8.8**	5.2	7.1	376.8	999.9	99.9	999.9	126.1	76.
46.8	122.0	14431.4	132.0	-61.0	99.9	223.5	9.5**	6.6	6.9	378.6	999.9	99.9	999.9	126.4	76.
47.2	123.0	14574.2	129.0	-61.2	99.9	234.8	15.7**	12.8	9.0	380.8	999.9	99.9	999.9	126.7	76.
47.8	124.0	14769.6	125.0	-61.5	99.9	238.4	23.3**	19.8	12.2	383.6	999.9	99.9	999.9	127.2	75.
48.2	125.0	14920.3	122.0	-61.2	99.9	239.4	26.0**	22.4	13.2	386.9	999.9	99.9	999.9	128.2	75.
48.9	126.0	15074.9	119.0	-61.2	99.9	246.9	37.0**	34.0	14.5	389.7	999.9	99.9	999.9	128.2	75.
49.4	127.0	15233.6	116.0	-60.8	99.9	252.8	49.4**	47.2	14.6	393.2	999.9	99.9	999.9	130.5	75.
49.9	128.0	15396.6	113.0	-60.5	99.9	255.8	52.1**	50.5	12.8	396.8	999.9	99.9	999.9	132.2	75.
50.3	129.0	15563.9	110.0	-61.4	99.9	256.3	49.7**	47.3	11.5	398.2	999.9	99.9	999.9	133.3	75.
50.9	130.0	15735.4	107.0	-61.5	99.9	255.4	43.8**	42.4	11.0	401.0	999.9	99.9	999.9	134.9	75.
51.3	131.0	15911.3	104.0	-62.4	99.9	254.2	41.9**	40.3	11.4	402.6	999.9	99.9	999.9	136.0	75.
51.9	132.0	16030.8	102.0	-63.5	99.9	251.5	35.2**	33.3	11.2	402.8	999.9	99.9	999.9	137.4	75.
52.2	133.0	16213.9	99.0	-64.1	99.9	250.2	29.3**	27.5	9.9	405.1	999.9	99.9	999.9	138.2	75.
52.9	134.0	16402.3	96.0	-64.2	99.9	250.4	20.6**	19.4	6.9	408.4	999.9	99.9	999.9	138.6	75.
53.3	135.0	16530.8	94.0	-65.4	99.9	251.6	24.5**	23.2	7.7	408.6	999.9	99.9	999.9	139.1	75.
54.0	136.0	16728.1	91.0	-65.6	99.9	254.5	31.8**	30.6	8.5	412.0	999.9	99.9	999.9	140.6	75.
54.6	137.0	16932.7	88.0	-63.9	99.9	266.4	38.9*	38.8	2.4	419.4	999.9	99.9	999.9	141.9	75.
55.1	138.0	17145.6	85.0	-63.3	99.9	264.2	54.3**	54.1	5.5	424.7	999.9	99.9	999.9	142.3	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
1715 GMT

160 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
55.8	139.0	17367.2	82.0	-61.9	99.9	250.0	74.8**	70.3	25.5	432.0	999.9	99.9	999.9	145.8	75.
56.2	140.0	17597.6	79.0	-62.4	99.9	248.4	79.0**	73.4	27.0	435.5	999.9	99.9	999.9	147.8	75.
56.9	141.0	17755.8	77.0	-62.4	99.9	255.4	79.5**	76.9	20.1	438.7	999.9	99.9	999.9	150.7	75.
57.5	142.0	18001.1	74.0	-62.4	99.9	258.8	82.8**	81.2	16.0	443.8	999.9	99.9	999.9	154.6	75.
58.2	143.0	18257.9	71.0	-60.3	99.9	257.7	74.7**	73.0	15.9	453.5	999.9	99.9	999.9	157.3	75.
59.0	144.0	18436.1	69.0	-60.0	99.9	251.0	16.4**	15.5	5.4	458.0	999.9	99.9	999.9	162.4	75.
59.7	145.0	18713.8	66.0	-59.8	99.9	75.9	13.3**	-12.9	-2.2	464.2	999.9	99.9	999.9	159.2	75.
60.2	146.0	18905.9	64.0	-60.3	99.9	323.7	1.4**	0.8	-1.1	467.2	999.9	99.9	999.9	158.5	75.
61.0	147.0	19205.2	61.0	-60.3	99.9	262.4	14.1**	14.0	1.9	473.6	999.9	99.9	999.9	160.5	75.
61.7	148.0	19412.8	59.0	-60.8	99.9	259.3	43.6**	42.9	8.1	477.0	999.9	99.9	999.9	160.9	75.
62.3	149.0	19737.4	56.0	-60.7	99.9	257.8	46.1**	45.0	9.7	484.6	999.9	99.9	999.9	163.3	75.
63.1	150.0	19963.2	54.0	-61.7	99.9	244.6	6.4*	5.8	2.7	487.2	999.9	99.9	999.9	164.9	75.
64.0	151.0	20316.8	51.0	-62.2	99.9	70.9	15.6*	-14.7	-3.1	494.0	999.9	99.9	999.9	163.5	75.
64.9	152.0	20563.7	49.0	-62.6	99.9	266.0	23.1*	23.0	1.6	498.9	999.9	99.9	999.9	163.2	75.
65.7	153.0	20821.2	47.0	-61.9	99.9	259.7	54.2*	53.4	3.7	506.5	999.9	99.9	999.9	165.2	75.
66.3	154.0	21089.3	45.0	-63.3	99.9	258.2	43.1*	42.2	3.8	509.4	999.9	99.9	999.9	168.4	75.
67.1	155.0	21513.2	42.0	-63.5	99.9	85.4	8.9*	-8.9	-0.7	519.1	999.9	99.9	999.9	169.1	75.
68.0	156.0	21813.6	40.0	-62.4	99.9	105.7	3.1*	-3.0	0.8	529.1	999.9	99.9	999.9	167.9	75.
68.8	157.0	22129.7	38.0	-63.1	99.9	262.8	18.1*	18.0	2.3	535.1	999.9	99.9	999.9	168.0	75.
69.8	158.0	22463.0	36.0	-62.2	99.9	261.2	20.3*	20.1	3.1	545.8	999.9	99.9	999.9	169.3	75.
70.7	159.0	22998.4	33.0	-63.9	99.9	260.7	59.6*	58.8	5.6	555.2	999.9	99.9	999.9	170.5	76.
71.7	160.0	23383.5	31.0	-61.9	99.9	264.9	22.0*	21.9	1.9	570.6	999.9	99.9	999.9	175.8	76.
72.7	161.0	23757.6	29.0	-60.5	99.9	75.7	41.7	-40.4	-10.3	585.4	999.9	99.9	999.9	173.6	76.
73.7	162.0	24244.5	27.0	-58.8	99.9	999.9	99.9	99.9	99.9	602.3	999.9	99.9	999.9	999.9	999.
74.9	163.0	24723.8	25.0	-62.2	99.9	999.9	99.9	99.9	99.9	605.8	999.9	99.9	999.9	999.9	999.

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
2015 GMT

160 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.9	100.0	1007.7	2.2	0.4	320.0	5.7	3.7	-4.4	275.3	285.2	3.9	88.0	0.0	0.
0.1	5.0	105.6	1007.0	0.8	-0.0	311.7	10.5	7.9	-7.0	273.9	283.2	3.6	90.1	0.2	137.
0.6	6.0	226.1	992.0	0.0	-1.1	312.8	10.4	7.6	-7.1	274.3	283.3	3.6	91.9	0.2	136.
1.0	7.0	331.7	979.0	-0.9	-1.2	317.8	9.9	6.6	-7.3	274.3	283.5	3.6	98.0	0.5	134.
1.3	8.0	430.1	967.0	-2.0	-2.1	322.5	10.2	6.2	-3.1	274.2	282.9	3.4	95.8	0.7	136.
1.8	9.0	529.3	955.0	-2.7	-2.7	322.8	10.8	6.5	-8.6	274.5	282.9	3.3	100.4	1.0	139.
2.0	10.0	629.5	943.0	-3.7	-3.7	321.1	11.0	6.9	-8.6	274.4	282.3	3.1	100.3	1.1	140.
2.5	11.0	756.1	928.0	-4.4	-4.4	312.6	10.9	8.0	-7.4	275.0	282.7	3.0	100.2	1.4	139.
2.9	12.0	850.0	917.0	-5.1	-5.1	306.9	10.9	8.8	-6.6	275.1	282.5	2.9	100.1	1.7	138.
3.1	13.0	953.5	905.0	-5.6	-5.6	305.4	11.2	9.2	-6.5	275.7	283.0	2.8	100.0	1.8	137.
3.6	14.0	1049.5	894.0	-5.9	-5.9	305.5	12.8	10.4	-7.5	276.3	283.5	2.8	100.0	2.2	135.
3.9	15.0	1146.7	883.0	-5.1	-9.5	306.4	14.5	11.7	-8.6	278.0	283.6	2.1	71.0	2.4	134.
4.2	16.0	1281.8	868.0	-3.3	-12.3	305.5	15.6	12.7	-9.1	281.2	286.0	1.7	49.5	2.7	133.
4.7	17.0	1382.7	857.0	-3.4	-14.2	303.6	16.8	14.0	-9.3	282.1	286.2	1.5	42.8	3.2	132.
5.0	18.0	1484.8	846.0	-3.7	-15.5	303.1	17.3	14.5	-9.4	282.8	286.6	1.3	39.4	3.5	131.
5.2	19.0	1588.2	835.0	-3.7	-16.2	301.9	17.3	14.7	-9.1	283.8	287.5	1.3	37.3	3.7	131.
5.8	20.0	1692.9	824.0	-3.9	-16.6	296.9	17.2	15.4	-7.8	284.7	288.3	1.2	35.9	4.3	129.
6.1	21.0	1818.4	811.0	-3.7	-17.7	293.7	18.2	16.7	-7.3	286.2	289.6	1.2	32.8	4.6	128.
6.6	22.0	1926.2	800.0	-4.0	-19.6	288.8	22.6	21.4	-7.3	287.0	289.9	1.0	28.6	5.2	126.
6.9	23.0	2035.4	789.0	-3.7	-22.3	285.3	23.5	22.7	-6.2	288.4	290.8	0.8	22.1	5.6	125.
7.2	24.0	2146.4	778.0	-3.3	-23.6	282.2	23.4	22.9	-5.0	290.0	292.2	0.7	18.8	6.0	123.
7.7	25.0	2248.7	768.0	-3.1	-26.1	277.9	23.1	22.9	-3.2	291.3	293.1	0.6	14.9	6.6	121.
8.1	26.0	2383.9	755.0	-2.7	-28.6	275.7	23.3	23.2	-2.3	293.2	294.6	0.5	11.1	7.1	119.
8.4	27.0	2489.4	745.0	-3.6	-27.2	274.7	23.5	23.4	-1.9	293.3	295.0	0.5	13.9	7.5	118.
8.9	28.0	2606.8	734.0	-3.7	-29.6	272.7	23.5	23.5	-1.1	294.4	295.8	0.4	11.2	8.2	116.
9.2	29.0	2704.1	725.0	-4.4	-30.0	271.5	23.7	23.7	-0.6	294.7	296.1	0.4	11.3	8.6	115.
9.7	30.0	2813.3	715.0	-5.1	-30.6	269.8	24.3	24.3	0.1	295.1	296.4	0.4	11.4	9.2	113.
10.0	31.0	2935.0	704.0	-5.4	-31.3	269.1	24.7	24.7	0.4	296.0	297.3	0.4	10.9	9.6	112.
10.3	32.0	3047.1	694.0	-6.3	-34.2	268.9	24.8	24.8	0.5	296.2	297.2	0.3	8.7	10.0	111.
10.8	33.0	3160.4	684.0	-6.9	-34.6	269.9	24.9	24.9	0.5	296.8	297.8	0.3	9.4	10.8	109.
11.1	34.0	3275.0	674.0	-8.1	-35.4	269.1	25.4	25.4	0.4	296.7	297.6	0.3	8.9	11.2	108.
11.6	35.0	3391.0	664.0	-8.4	-35.0	269.8	28.2	28.2	0.1	297.7	298.6	0.3	9.5	11.8	107.
12.0	36.0	3532.6	652.0	-8.1	-33.7	270.0	32.1	32.1	0.0	299.6	300.7	0.3	10.6	12.4	106.
12.3	37.0	3652.5	642.0	-8.4	-32.4	269.1	34.7	34.7	0.6	300.6	301.8	0.4	12.2	13.1	106.
12.8	38.0	3762.0	633.0	-8.7	-32.6	267.2	38.2	38.2	1.9	301.4	302.7	0.4	12.3	14.2	104.
13.1	39.0	3885.1	623.0	-9.7	-32.6	265.7	39.8	39.7	3.0	301.7	302.9	0.4	13.4	14.8	103.
13.6	40.0	3984.8	615.0	-10.3	-29.5	262.6	41.8	41.5	5.4	302.1	303.9	0.5	18.9	16.0	102.
14.0	41.0	4136.3	603.0	-11.3	-28.1	259.4	42.6	41.8	7.9	302.7	304.6	0.6	22.1	17.1	101.
14.3	42.0	4251.5	594.0	-12.0	-24.5	256.8	43.0	41.8	5.8	303.2	305.9	0.8	33.1	17.8	100.
14.9	43.0	4368.5	585.0	-11.3	-24.1	254.2	45.8	44.1	12.5	305.4	308.3	0.9	33.7	19.0	98.
15.1	44.0	4474.0	577.0	-12.0	-24.8	254.2	47.2	45.5	12.8	305.7	308.5	0.9	33.4	19.5	97.
15.7	45.0	4594.3	568.0	-12.1	-26.2	255.5	50.9	49.3	12.8	306.9	309.5	0.8	29.8	21.3	95.
16.0	46.0	4702.7	560.0	-12.6	-29.7	256.0	51.5	50.0	12.4	307.6	309.5	0.6	22.1	22.2	94.
16.3	47.0	4826.3	551.0	-13.0	-31.6	256.1	50.2	48.7	12.0	308.5	310.2	0.5	19.1	23.2	94.
16.8	48.0	4937.8	543.0	-13.3	-31.4	256.1	48.2	46.8	11.6	309.5	311.2	0.5	20.0	24.6	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
2015 GMT

160 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
17.1	49.0	5064.9	534.0	-14.0	-30.9	255.9	47.5	46.1	11.6	310.2	312.0	0.5	22.2	25.3	92.
17.7	50.0	5179.3	526.0	-14.8	-27.4	255.0	48.1	46.4	12.4	310.5	313.0	0.8	33.1	27.0	91.
18.1	51.0	5324.2	516.0	-16.3	-27.3	254.1	48.3*	46.4	13.3	310.4	313.0	0.8	37.9	28.2	90.
19.5	52.0	5441.7	508.0	-17.1	-24.6	252.8	48.0*	45.9	14.2	310.8	314.1	1.0	51.9	29.3	90.
18.9	53.0	5560.7	500.0	-17.4	-25.8	251.9	48.7*	46.3	15.1	311.9	314.9	0.9	47.7	30.2	89.
19.2	54.0	5681.4	492.0	-18.1	-27.4	251.8	49.9*	47.4	15.6	312.5	315.2	0.8	43.8	31.1	89.
19.8	55.0	5803.9	484.0	-18.4	-29.0	252.6	53.1*	50.6	15.9	313.6	316.0	0.7	38.3	32.8	88.
20.2	56.0	5943.8	475.0	-19.0	-33.5	253.7	55.0*	52.8	15.5	314.4	316.0	0.5	26.5	34.1	87.
20.7	57.0	6070.1	467.0	-19.7	-32.8	255.2	57.0*	55.1	14.6	315.1	316.9	0.5	30.0	35.9	86.
21.0	58.0	6182.1	460.0	-20.7	-34.2	256.0	58.2*	56.5	14.1	315.3	316.8	0.5	28.3	36.4	86.
21.5	59.0	6311.7	452.0	-21.2	-33.2	256.6	59.6*	58.0	13.8	316.2	317.9	0.5	32.8	38.9	86.
21.9	60.0	6426.8	445.0	-22.0	-34.8	256.3	58.9*	57.2	13.9	316.6	318.1	0.4	30.0	40.0	85.
22.2	61.0	6560.1	437.0	-22.7	-37.9	256.0	57.8*	56.1	14.0	317.4	318.5	0.3	23.2	41.0	85.
22.7	62.0	6678.3	430.0	-23.6	-39.8	255.7	56.0*	54.2	13.8	317.7	318.6	0.3	20.7	42.8	85.
23.0	63.0	6798.1	423.0	-24.8	-41.4	255.9	55.3*	53.6	13.5	317.6	318.5	0.2	19.5	43.8	85.
23.4	64.0	6919.2	416.0	-26.0	-43.0	256.5	55.8*	54.3	13.1	317.6	318.3	0.2	18.2	44.9	84.
23.9	65.0	7041.9	409.0	-26.8	-43.5	256.6	56.7*	55.2	13.1	318.1	318.8	0.2	17.8	46.8	84.
24.3	66.0	7184.1	401.0	-28.1	-46.0	256.4	57.2*	55.6	13.4	318.2	318.8	0.2	16.0	48.1	84.
24.8	67.0	7310.2	394.0	-29.1	-45.2	256.3	57.7*	56.0	13.7	318.4	319.1	0.2	19.4	49.7	84.
25.2	68.0	7438.1	387.0	-30.1	-46.6	256.3	58.0*	56.4	13.8	318.9	319.4	0.1	18.1	51.2	83.
25.7	69.0	7567.8	380.0	-31.1	-48.9	255.9	59.4*	57.7	14.5	319.1	319.6	0.1	15.3	52.9	83.
26.0	70.0	7680.4	374.0	-32.0	-49.9	255.5	61.2*	59.2	15.3	319.4	319.8	0.1	14.9	53.6	83.
26.6	71.0	7832.7	366.0	-33.4	-52.1	255.0	68.0*	65.7	17.6	319.6	319.9	0.1	13.0	56.2	83.
26.9	72.0	7948.6	360.0	-34.4	-54.0	254.9	70.0*	67.6	18.2	319.7	319.9	0.1	11.6	57.4	83.
27.3	73.0	8065.8	354.0	-35.8	-53.4	254.5	65.7*	63.3	17.5	319.4	319.7	0.1	14.3	59.3	82.
27.8	74.0	8204.3	347.0	-36.8	-54.2	253.0	53.5*	51.2	15.6	319.8	320.1	0.1	14.4	61.5	82.
28.1	75.0	8324.8	341.0	-38.0	99.9	251.7	47.1*	44.7	14.8	319.8	999.9	99.9	999.9	62.3	82.
28.6	76.0	8446.8	335.0	-39.1	99.9	251.1	47.1*	44.6	15.2	320.0	999.9	99.9	999.9	62.7	82.
29.0	77.0	8570.5	329.0	-39.5	99.9	252.5	55.6*	53.0	16.7	321.1	999.9	99.9	999.9	63.6	81.
29.5	78.0	8696.1	323.0	-40.9	99.5	253.8	63.8*	61.2	17.7	320.9	999.9	99.9	999.9	67.0	81.
29.9	79.0	8802.0	318.0	-42.0	99.5	254.4	68.2*	65.7	18.3	320.8	999.9	99.9	999.9	67.2	81.
30.2	80.0	8930.8	312.0	-42.7	99.5	254.7	70.0*	67.5	18.5	321.6	999.9	99.9	999.9	68.5	81.
30.8	81.0	9083.6	305.0	-43.8	99.9	255.0	64.7*	62.5	16.8	322.1	999.9	99.9	999.9	72.1	81.
31.2	82.0	9216.7	299.0	-45.1	99.9	255.2	55.4*	53.6	14.2	322.2	999.9	99.9	999.9	73.3	81.
31.7	83.0	9329.1	294.0	-45.9	99.9	256.4	46.6*	45.3	11.0	322.5	999.9	99.9	999.9	74.2	81.
32.1	84.0	9466.2	288.0	-46.5	99.9	258.2	46.9*	45.9	9.6	323.6	999.9	99.9	999.9	75.7	80.
32.6	85.0	9582.1	283.0	-47.8	99.5	260.5	60.0*	59.2	10.0	323.3	999.9	99.9	999.9	76.7	80.
33.1	86.0	9723.2	277.0	-49.0	99.5	262.1	84.7*	83.9	11.7	323.6	999.9	99.9	999.9	78.2	80.
33.5	87.0	9842.5	272.0	-50.0	99.5	263.2	100.6*	99.9	11.9	323.8	999.9	99.9	999.9	80.9	80.
33.9	88.0	9988.1	266.0	-50.8	99.5	264.5	86.8*	86.4	8.3	324.8	999.9	99.9	999.9	84.9	81.
34.2	89.0	10111.3	261.0	-52.2	99.9	265.3	68.0*	67.8	5.5	324.5	999.9	99.9	999.9	86.4	81.
34.8	90.0	10236.2	256.0	-52.9	99.9	265.5	37.4*	37.3	3.0	325.2	999.9	99.9	999.9	87.0	81.
35.1	91.0	10363.2	251.0	-53.7	99.9	263.8	36.8*	36.6	4.0	325.8	999.9	99.9	999.9	87.0	81.
35.5	92.0	10466.3	247.0	-54.5	99.9	262.3	54.6*	54.1	7.3	326.1	999.9	99.9	999.9	87.0	81.
35.9	93.0	10597.0	242.0	-55.5	99.9	262.9	70.6*	70.1	8.7	326.6	999.9	99.9	999.9	90.0	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
2015 GMT

160 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COAP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
36.3	94.0	10729.9	237.0	-56.0	99.9	263.8	74.7**	74.2	8.1	327.8	999.9	99.9	999.9	92.3	81.
36.9	95.0	10865.3	232.0	-56.8	99.9	264.3	74.0**	73.7	7.4	328.6	999.9	99.9	999.9	94.2	81.
37.2	96.0	11003.4	227.0	-56.7	99.9	263.5	76.0**	75.6	8.6	330.9	999.9	99.9	999.9	95.5	81.
37.8	97.0	11144.4	222.0	-57.3	99.9	260.8	78.0**	77.0	12.5	332.0	999.9	99.9	999.9	98.8	81.
38.1	98.0	11259.3	218.0	-57.7	99.9	259.2	74.4**	73.1	14.0	333.2	999.9	99.9	999.9	100.3	81.
38.7	99.0	11375.8	214.0	-58.9	99.9	254.8	57.5**	55.5	15.1	333.1	999.9	99.9	999.9	102.8	81.
39.1	100.0	11524.1	209.0	-59.2	99.9	250.1	47.4**	44.6	16.2	334.8	999.9	99.9	999.9	103.8	81.
39.7	101.0	11675.6	204.0	-59.9	99.9	241.2	42.8**	37.5	20.6	336.0	999.9	99.9	999.9	105.2	81.
40.1	102.0	11759.6	200.0	-59.0	99.9	238.1	45.8**	38.9	24.2	339.3	999.9	99.9	999.9	106.2	81.
40.7	103.0	11926.8	196.0	-57.3	99.9	242.6	60.2**	53.5	27.7	344.0	999.9	99.9	999.9	107.5	80.
41.0	104.0	12057.5	192.0	-56.0	99.9	246.3	70.4**	64.4	28.3	348.2	999.9	99.9	999.9	108.4	80.
41.5	105.0	12191.5	188.0	-56.0	99.9	251.9	85.9**	81.7	26.8	350.3	999.9	99.9	999.9	111.2	80.
42.0	106.0	12328.3	184.0	-55.8	99.9	254.6	90.3**	87.1	24.1	352.7	999.9	99.9	999.9	114.0	80.
42.6	107.0	12468.0	180.0	-56.5	99.9	254.9	69.6**	67.2	18.2	353.8	999.9	99.9	999.9	117.4	79.
43.0	108.0	12574.7	177.0	-56.5	99.9	253.5	45.1**	43.2	12.8	355.5	999.9	99.9	999.9	119.8	79.
43.4	109.0	12719.6	173.0	-56.8	99.9	251.3	32.6**	30.8	10.4	357.3	999.9	99.9	999.9	119.5	79.
43.9	110.0	12867.6	169.0	-57.7	99.9	253.8	50.0**	48.0	14.0	358.3	999.9	99.9	999.9	119.0	79.
44.5	111.0	13018.6	165.0	-58.2	99.9	256.5	93.2**	90.6	21.8	359.9	999.9	99.9	999.9	121.8	79.
44.9	112.0	13173.1	161.0	-58.3	99.9	257.0	97.9**	95.4	22.1	362.2	999.9	99.9	999.9	126.1	79.
45.4	113.0	13291.3	158.0	-58.9	99.9	257.1	78.2**	76.2	17.4	363.3	999.9	99.9	999.9	128.1	79.
45.9	114.0	13452.2	154.0	-59.0	99.9	257.3	49.6**	48.4	10.9	365.6	999.9	99.9	999.9	131.0	79.
46.5	115.0	13575.4	151.0	-59.7	99.9	256.5	37.3**	36.3	8.7	366.5	999.9	99.9	999.9	130.5	79.
47.1	116.0	13743.3	147.0	-59.4	99.9	254.6	50.8**	48.9	13.5	369.9	999.9	99.9	999.9	132.4	79.
47.8	117.0	13916.0	143.0	-59.5	99.9	251.5	39.3**	37.3	12.5	372.6	999.9	99.9	999.9	135.8	79.
48.1	118.0	14048.4	140.0	-60.3	99.9	249.0	29.8**	27.9	10.7	373.6	999.9	99.9	999.9	136.2	79.
48.7	119.0	14183.7	137.0	-59.7	99.9	247.2	25.8**	23.8	10.0	376.8	999.9	99.9	999.9	136.0	79.
49.1	120.0	14322.3	134.0	-59.0	99.9	249.7	31.3**	29.4	10.9	380.5	999.9	99.9	999.9	137.0	79.
49.7	121.0	14464.2	131.0	-59.4	99.9	253.9	35.2**	33.8	9.7	382.3	999.9	99.9	999.9	138.5	79.
50.0	122.0	14609.2	128.0	-59.7	99.9	255.9	35.7**	34.7	8.7	384.2	999.9	99.9	999.9	139.5	79.
50.6	123.0	14807.4	124.0	-60.3	99.9	256.7	51.3**	49.9	11.8	386.8	999.9	99.9	999.9	139.5	79.
51.0	124.0	14908.7	122.0	-60.6	99.9	256.2	66.2**	64.3	15.8	387.9	999.9	99.9	999.9	142.2	79.
51.5	125.0	15063.5	119.0	-61.1	99.9	255.7	72.9**	70.7	18.0	389.7	999.9	99.9	999.9	143.5	79.
52.2	126.0	15275.6	115.0	-61.7	99.9	256.7	51.5**	50.2	11.8	392.5	999.9	99.9	999.9	147.5	79.
52.8	127.0	15439.5	112.0	-61.1	99.9	259.8	42.7**	42.0	7.6	396.5	999.9	99.9	999.9	147.6	79.
53.2	128.0	15551.3	110.0	-61.7	99.9	260.8	48.2**	47.6	7.7	397.6	999.9	99.9	999.9	148.6	79.
53.8	129.0	15722.3	107.0	-62.2	99.9	260.6	53.8**	53.1	8.8	399.7	999.9	99.9	999.9	151.5	79.
54.3	130.0	15898.6	104.0	-60.8	99.9	259.4	48.0**	47.2	8.8	405.7	999.9	99.9	999.9	152.9	79.
55.0	131.0	16080.5	101.0	-61.1	99.9	256.1	33.0**	32.1	7.9	408.4	999.9	99.9	999.9	154.6	79.
55.4	132.0	16267.5	98.0	-61.9	99.9	254.9	21.8**	21.1	5.7	410.6	999.9	99.9	999.9	156.0	79.
56.0	133.0	16394.9	96.0	-62.4	99.9	252.9	16.9**	16.1	5.0	411.9	999.9	99.9	999.9	154.9	79.
56.6	134.0	16590.8	93.0	-62.6	99.9	251.1	26.0**	24.6	8.4	415.3	999.9	99.9	999.9	156.5	79.
57.1	135.0	16725.0	91.0	-62.2	99.9	243.1	24.0**	22.2	9.0	418.6	999.9	99.9	999.9	157.7	78.
57.9	136.0	16932.0	88.0	-62.2	99.9	245.1	19.1**	17.3	8.0	422.7	999.9	99.9	999.9	157.6	78.
58.5	137.0	17146.4	85.0	-62.1	99.9	253.8	36.8**	35.3	10.2	427.2	999.9	99.9	999.9	158.9	78.
59.1	138.0	17367.7	82.0	-63.7	99.9	259.0	59.5**	58.4	11.4	428.2	999.9	99.9	999.9	160.6	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
2015 GMT

160 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
59.9	139.0	17596.7	79.0	-63.0	99.9	261.5	73.7**	72.9	10.9	434.4	999.9	99.9	999.9	164.6	78.
60.5	140.0	17834.8	76.0	-63.4	99.9	261.5	68.4**	67.7	10.1	438.4	999.9	99.9	999.9	167.0	78.
61.1	141.0	17998.3	74.0	-64.3	99.9	261.7	56.3**	55.7	8.2	439.7	999.9	99.9	999.9	168.9	78.
61.9	142.0	18251.5	71.0	-64.3	99.9	264.3	31.6**	31.5	3.1	445.0	999.9	99.9	999.9	171.0	79.
62.7	143.0	18516.3	68.0	-63.2	99.9	261.8	18.5**	18.3	2.6	453.0	999.9	99.9	999.9	172.7	79.
63.3	144.0	18700.9	66.0	-61.0	99.9	259.3	9.7**	9.5	1.8	461.7	999.9	99.9	999.9	172.8	79.
64.1	145.0	18990.0	63.0	-61.0	99.9	258.6	13.1**	12.8	2.6	467.9	999.9	99.9	999.9	173.5	79.
65.0	146.0	19293.1	60.0	-61.1	99.9	258.6	51.6**	50.5	10.2	474.0	999.9	99.9	999.9	174.0	79.
66.0	147.0	19503.4	58.0	-61.5	99.9	255.8	39.9**	38.7	9.8	477.8	999.9	99.9	999.9	178.3	79.
66.8	148.0	19831.8	55.0	-62.6	99.9	216.3	8.8**	5.2	7.1	482.6	999.9	99.9	999.9	179.2	79.
67.8	149.0	20059.5	53.0	-63.9	99.9	94.3	11.4**	-11.4	0.9	484.7	999.9	99.9	999.9	178.8	78.
68.8	150.0	20416.9	50.0	-63.6	99.9	76.0	26.7**	-25.9	-6.5	493.7	999.9	99.9	999.9	177.4	78.
69.8	151.0	20668.9	48.0	-61.3	99.9	282.9	14.6**	14.3	-3.3	504.8	999.9	99.9	999.9	176.2	78.
70.7	152.0	21067.9	45.0	-62.8	99.9	264.3	60.6**	60.3	6.1	510.7	999.9	99.9	999.9	178.9	79.
71.8	153.0	21348.2	43.0	-62.6	99.9	261.5	48.8**	48.3	7.2	517.8	999.9	99.9	999.9	182.8	79.
72.9	154.0	21795.7	40.0	-61.1	99.9	258.8	40.2**	39.4	7.8	532.3	999.9	99.9	999.9	186.0	79.
74.1	155.0	22114.2	38.0	-61.1	99.9	278.9	5.9**	5.8	-0.9	540.2	999.9	99.9	999.9	188.1	79.
75.3	156.0	22625.2	35.0	-61.0	99.9	265.6	20.0**	20.0	1.5	553.5	999.9	99.9	999.9	188.7	79.
76.7	157.0	22992.5	33.0	-59.0	99.9	91.8	14.0**	-14.0	0.4	568.1	999.9	99.9	999.9	188.3	79.
77.9	158.0	23590.3	30.0	-59.0	99.9	249.1	12.8**	12.0	4.6	583.8	999.9	99.9	999.9	189.4	79.
79.4	159.0	24021.8	28.0	-60.3	99.9	264.7	38.7*	38.5	3.6	592.0	999.9	99.9	999.9	188.3	79.
81.1	160.0	24483.2	26.0	-61.0	99.9	250.6	40.0*	37.7	13.3	602.6	999.9	99.9	999.9	194.0	79.
82.9	161.0	25247.1	23.0	-59.9	99.9	82.3	10.7*	-10.6	-1.4	627.3	999.9	99.9	999.9	194.4	79.
84.9	162.0	26121.9	20.0	-59.0	99.9	258.6	67.2*	65.9	13.3	655.5	999.9	99.9	999.9	195.1	79.
87.1	163.0	26785.9	18.0	-57.0	99.9	999.9	99.9	99.9	99.9	682.0	999.9	99.9	999.9	999.9	999.

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
2315 GMT

135 73. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFFD M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	100.0	1009.0	1.4	-3.6	350.0	7.7	1.3	-7.6	274.2	281.7	2.9	65.0	0.0	0.
0.2	6.0	188.1	998.0	0.2	-5.1	333.1	8.5	3.8	-7.6	273.8	280.6	2.6	67.2	0.3	161.
0.4	7.0	285.0	986.0	-0.4	-5.4	333.1	8.5	3.8	-7.6	274.1	280.9	2.6	69.2	0.3	161.
0.8	8.0	391.0	973.0	-1.6	-5.5	332.5	9.0	4.2	-8.0	274.1	280.8	2.6	74.5	0.5	158.
1.1	9.0	489.7	961.0	-2.5	-5.5	332.2	9.4	4.4	-8.3	274.1	280.9	2.6	80.0	0.6	157.
1.5	10.0	589.2	949.0	-3.6	-5.7	332.4	9.6	4.4	-8.5	274.0	280.8	2.6	85.0	0.9	155.
1.9	11.0	715.0	934.0	-4.5	-5.4	330.1	8.6	4.3	-7.5	274.3	281.4	2.7	93.5	1.1	155.
2.3	12.0	816.7	922.0	-5.7	-5.9	325.3	8.7	5.0	-7.1	274.0	280.9	2.7	98.5	1.3	154.
2.6	13.0	919.3	910.0	-6.5	-6.7	322.8	9.5	5.7	-7.6	274.3	280.9	2.5	98.4	1.4	153.
3.0	14.0	1023.0	898.0	-7.4	-7.4	323.4	11.8	7.0	-9.4	274.4	280.8	2.4	101.1	1.7	151.
3.3	15.0	1127.8	886.0	-7.7	-8.8	326.9	12.5	6.8	-10.4	275.1	281.0	2.2	91.9	1.9	150.
3.7	16.0	1251.9	872.0	-7.4	-9.1	328.1	14.0	7.4	-11.9	276.7	282.5	2.2	87.2	2.2	150.
4.1	17.0	1350.9	861.0	-7.4	-9.9	324.8	16.1	9.3	-13.2	277.7	283.3	2.1	82.3	2.5	150.
4.4	18.0	1460.6	849.0	-5.6	-11.6	319.2	18.0	11.7	-13.6	280.6	285.7	1.9	62.4	2.9	149.
4.8	19.0	1563.0	838.0	-5.1	-13.8	313.8	19.3	13.9	-13.3	282.1	286.5	1.6	50.4	3.3	147.
5.1	20.0	1667.2	827.0	-3.6	-13.7	310.7	19.5	14.8	-12.7	284.8	289.3	1.6	45.2	3.7	146.
5.5	21.0	1802.1	813.0	-3.6	-15.8	307.4	18.6	14.8	-11.3	286.2	290.1	1.4	38.1	4.1	144.
5.9	22.0	1909.7	802.0	-3.9	-16.2	302.3	17.3	14.6	-9.2	286.9	290.8	1.3	37.5	4.5	142.
6.3	23.0	2018.8	791.0	-3.6	-15.4	299.8	17.7	15.4	-8.8	288.4	292.6	1.5	39.4	4.9	140.
6.7	24.0	2129.5	780.0	-3.0	-18.2	299.6	17.8	15.5	-8.8	290.2	293.6	1.2	29.7	5.3	139.
7.1	25.0	2242.1	769.0	-2.5	-18.2	300.4	17.3	14.9	-8.7	291.9	295.4	1.2	28.5	5.7	137.
7.7	26.0	2377.3	756.0	-2.7	-19.2	300.1	17.5	15.1	-8.8	293.1	296.4	1.1	26.6	6.3	136.
8.0	27.0	2482.8	746.0	-3.1	-20.1	299.1	17.7	15.5	-8.6	293.7	296.8	1.0	25.4	6.6	135.
8.4	28.0	2600.2	735.0	-4.1	-21.3	296.2	17.9	16.0	-7.9	294.0	296.8	0.9	24.6	7.0	134.
8.7	29.0	2708.1	725.0	-4.7	-22.2	294.4	18.0	16.4	-7.5	294.4	297.1	0.9	23.8	7.3	133.
9.1	30.0	2817.2	715.0	-5.3	-22.7	292.9	18.5	17.0	-7.2	294.9	297.6	0.9	23.9	7.7	132.
9.5	31.0	2927.6	705.0	-6.2	-23.4	292.7	19.1	17.6	-7.4	295.1	297.6	0.8	23.9	8.1	131.
9.8	32.0	3050.4	694.0	-7.1	-24.4	292.1	19.2	17.8	-7.2	295.5	297.8	0.8	23.5	8.5	130.
10.1	33.0	3163.5	684.0	-7.7	-24.9	291.1	19.1	17.8	-6.9	296.0	298.3	0.7	23.6	8.9	130.
10.5	34.0	3266.3	675.0	-8.7	-25.5	288.7	18.7	17.7	-6.0	296.0	298.2	0.7	24.0	9.3	129.
10.9	35.0	3381.8	665.0	-9.6	-26.1	286.7	18.5	17.8	-5.3	296.3	298.4	0.7	24.5	9.6	128.
11.4	36.0	3522.2	653.0	-10.4	-26.6	285.5	18.8	18.1	-5.0	296.8	298.9	0.7	24.9	10.2	127.
11.8	37.0	3640.7	643.0	-11.7	-27.9	284.4	19.5	18.9	-4.9	296.7	298.5	0.6	24.6	10.6	126.
12.1	38.0	3748.6	634.0	-12.2	-30.5	283.2	20.3	19.8	-4.5	297.4	298.9	0.5	19.9	10.9	125.
12.5	39.0	3870.0	624.0	-13.0	-38.2	280.7	22.0	21.7	-4.1	297.7	297.8	0.0	1.0	11.4	124.
12.9	40.0	3980.7	615.0	-13.0	-51.3	277.9	24.6	24.4	-3.4	298.9	299.1	0.1	2.3	11.9	123.
13.4	41.0	4130.9	603.0	-13.0	-31.9	274.3	27.9	27.8	-2.1	300.7	302.1	0.4	18.6	12.6	121.
13.8	42.0	4245.4	594.0	-13.3	-58.3	271.0	30.6	30.6	-0.5	301.6	301.7	0.0	1.0	13.2	120.
14.1	43.0	4361.6	585.0	-13.7	-29.9	268.7	32.7	32.7	0.8	302.5	304.2	0.5	23.9	13.7	119.
14.6	44.0	4479.4	576.0	-14.0	-30.0	265.2	36.8	36.7	3.1	303.5	305.3	0.5	24.3	14.6	117.
15.0	45.0	4598.9	567.0	-14.1	-29.9	263.0	40.2	39.9	4.9	304.7	306.5	0.6	24.7	15.4	115.
15.4	46.0	4720.3	558.0	-14.4	-29.7	260.5	43.2	42.6	7.1	305.8	307.7	0.6	25.9	16.3	113.
15.7	47.0	4829.7	550.0	-14.7	-29.7	259.0	45.2	44.3	8.6	306.7	308.6	0.6	26.3	16.9	111.
16.1	48.0	4954.6	541.0	-15.0	-29.7	257.8	47.5	46.4	10.0	307.8	309.8	0.6	27.1	17.9	109.
16.6	49.0	5067.3	533.0	-15.0	-29.4	258.3	49.6	48.6	10.0	309.1	311.2	0.6	27.8	19.1	107.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
2315 GMT

135 73. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MP	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGF KM	AZ DG
16.9	50.0	5196.1	524.0	-15.2	-29.5	259.4	50.5	49.6	9.3	310.3	312.4	0.6	28.2	19.9	106.
17.2	51.0	5341.6	514.0	-15.6	-29.7	260.5	51.3	50.6	8.4	311.5	313.6	0.6	28.5	20.8	105.
17.6	52.0	5459.9	506.0	-16.1	-30.2	261.9	52.4	51.9	7.4	312.4	314.4	0.6	28.2	21.9	103.
18.0	53.0	5579.7	498.0	-16.7	-31.5	263.0	53.9	53.5	6.5	313.0	314.8	0.5	26.4	23.0	102.
18.3	54.0	5701.3	490.0	-17.4	-31.4	263.1	54.0	53.6	6.5	313.6	315.5	0.6	28.2	24.0	101.
18.7	55.0	5840.0	481.0	-18.1	-31.5	262.6	53.5	53.1	6.9	314.4	316.3	0.6	29.6	25.4	101.
19.2	56.0	5980.9	472.0	-19.1	-31.7	261.3	53.4	52.8	8.1	315.0	316.9	0.6	31.6	26.8	100.
19.7	57.0	6107.9	464.0	-19.9	-31.7	261.0	56.4	55.7	8.9	315.5	317.4	0.6	33.6	28.1	98.
20.1	58.0	6236.8	456.0	-20.7	-32.1	261.2	59.4	58.7	9.1	316.1	318.0	0.6	34.7	29.6	98.
20.5	59.0	6351.0	449.0	-21.6	-33.0	260.9	60.0	59.2	9.4	316.3	318.1	0.5	34.7	31.4	97.
21.0	60.0	6483.2	441.0	-22.7	-34.0	259.5	58.0	57.0	10.5	316.6	318.2	0.5	34.4	32.7	96.
21.3	61.0	6600.5	434.0	-23.3	-35.0	258.9	57.7	56.6	11.2	317.2	318.7	0.4	33.1	33.7	96.
21.9	62.0	6736.3	426.0	-24.7	-35.4	258.0	57.6*	56.3	12.0	317.2	318.7	0.4	36.0	35.8	94.
22.2	63.0	6856.8	419.0	-25.3	-36.1	257.7	57.5*	56.2	12.3	317.8	319.2	0.4	35.7	36.8	94.
22.6	64.0	6978.8	412.0	-26.4	-37.4	257.4	57.7*	56.3	12.5	318.0	319.3	0.4	34.4	38.1	93.
23.0	65.0	7102.4	405.0	-27.4	-38.2	257.6	59.5*	58.1	12.8	318.2	319.4	0.3	34.7	39.4	93.
23.6	66.0	7264.0	396.0	-28.1	-38.8	258.8	64.8*	63.5	12.6	319.4	320.5	0.3	34.9	41.4	92.
23.9	67.0	7391.8	389.0	-29.0	-39.1	259.4	66.5*	65.3	12.2	319.8	320.9	0.3	36.8	42.8	92.
24.3	68.0	7521.4	382.0	-29.9	-40.2	259.8	66.2*	65.1	11.7	320.2	321.3	0.3	35.6	44.4	91.
24.7	69.0	7634.0	376.0	-31.1	-41.3	259.8	63.8*	62.8	11.3	320.1	321.1	0.3	35.6	45.9	91.
25.1	70.0	7767.0	369.0	-32.0	-41.3	259.5	60.6*	59.5	11.1	320.6	321.6	0.3	38.7	47.4	91.
25.6	71.0	7921.4	361.0	-33.2	-42.4	258.7	58.1*	56.9	11.4	321.0	321.9	0.2	38.7	49.2	90.
26.1	72.0	8058.7	354.0	-34.5	-43.7	258.0	58.9*	57.7	12.2	321.1	321.9	0.2	38.6	50.4	90.
26.5	73.0	8177.9	348.0	-35.6	-44.6	257.4	60.0*	58.5	13.1	321.2	321.9	0.2	38.6	52.5	89.
27.0	74.0	8298.7	342.0	-36.5	-45.5	256.6	60.0*	58.4	13.9	321.5	322.2	0.2	38.5	53.9	89.
27.5	75.0	8441.8	335.0	-37.3	-46.2	257.3	62.3*	60.8	13.7	322.3	323.0	0.2	38.5	55.4	89.
27.9	76.0	8566.3	329.0	-38.4	-47.2	258.6	64.9*	63.7	12.9	322.5	323.1	0.2	38.4	57.3	88.
28.3	77.0	8692.6	323.0	-39.4	-48.1	259.2	66.5*	65.3	12.4	322.9	323.5	0.1	38.4	58.7	88.
28.9	78.0	8820.7	317.0	-40.7	99.9	259.0	66.3*	65.1	12.7	322.9	999.9	99.9	999.9	61.2	88.
29.2	79.0	8950.4	311.0	-41.9	99.9	258.6	65.0*	63.8	12.9	322.9	999.9	99.9	999.9	62.4	88.
29.7	80.0	9082.2	305.0	-42.6	99.9	258.3	63.8*	62.5	12.9	323.8	999.9	99.9	999.9	64.3	87.
30.3	81.0	9238.5	298.0	-44.0	99.9	259.1	67.6*	66.4	12.8	323.9	999.9	99.9	999.9	66.3	87.
30.8	82.0	9351.8	293.0	-45.0	99.9	259.6	71.6*	70.4	12.9	324.1	999.9	99.9	999.9	68.6	87.
31.2	83.0	9489.7	287.0	-46.1	99.9	259.7	71.5*	70.3	12.8	324.4	999.9	99.9	999.9	70.5	87.
31.7	84.0	9629.9	281.0	-47.0	99.9	259.7	66.2*	65.2	11.8	325.1	999.9	99.9	999.9	72.5	86.
32.1	85.0	9748.5	276.0	-48.3	99.9	259.7	59.2*	58.3	10.6	324.9	999.9	99.9	999.9	74.1	86.
32.7	86.0	9917.1	269.0	-49.8	99.9	260.1	50.3*	49.5	8.7	325.2	999.9	99.9	999.9	76.1	86.
33.2	87.0	10039.6	264.0	-51.0	99.9	261.9	54.7*	54.2	7.7	325.2	999.9	99.9	999.9	77.0	86.
33.8	88.0	10163.7	259.0	-52.0	99.9	264.0	75.7*	75.2	8.0	325.4	999.9	99.9	999.9	79.3	86.
34.3	89.0	10315.1	253.0	-53.1	99.9	265.0	89.4*	89.1	7.8	326.0	999.9	99.9	999.9	81.8	86.
34.8	90.0	10443.4	248.0	-54.4	99.9	265.9	85.0*	84.8	6.1	326.0	999.9	99.9	999.9	85.4	86.
35.3	91.0	10573.8	243.0	-54.7	99.9	266.3	66.0*	55.8	4.2	327.4	999.9	99.9	999.9	87.8	86.
35.8	92.0	10706.9	238.0	-54.4	99.9	264.8	52.0*	51.7	4.7	329.8	999.9	99.9	999.9	88.9	86.
36.2	93.0	10843.0	233.0	-54.4	99.9	262.7	52.6*	52.1	6.7	331.8	999.9	99.9	999.9	89.8	86.
36.7	94.0	10953.8	229.0	-55.0	99.9	261.0	62.2*	61.4	9.7	332.5	999.9	99.9	999.9	91.5	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 FEBRUARY 1975  
2315 GMT

135 73. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
37.1	95.0	11094.6	224.0	-55.7	99.9	260.0	68.4*	67.4	11.9	333.6	999.9	99.9	999.9	93.4	86.
37.8	96.0	11267.3	218.0	-56.3	99.9	257.3	72.5**	70.7	15.9	335.2	999.9	99.9	999.9	96.2	85.
38.1	97.0	11414.3	213.0	-57.3	99.9	256.2	75.6**	73.4	18.1	335.9	999.9	99.9	999.9	97.3	85.
38.6	98.0	11534.1	209.0	-57.8	99.9	254.7	82.3**	79.4	21.7	337.0	999.9	99.9	999.9	99.8	85.
39.0	99.0	11655.9	205.0	-57.8	99.9	253.6	83.3**	79.9	23.5	338.8	999.9	99.9	999.9	101.9	85.
39.4	100.0	11812.6	200.0	-55.2	99.9	252.6	75.0**	71.6	22.5	345.4	999.9	99.9	999.9	104.4	85.
40.1	101.0	11974.5	195.0	-54.7	99.9	251.5	52.8**	50.1	16.8	348.7	999.9	99.9	999.9	106.5	84.
40.6	102.0	12106.9	191.0	-55.2	99.9	249.7	37.3**	34.9	12.9	350.0	999.9	99.9	999.9	108.5	84.
41.1	103.0	12241.9	187.0	-55.8	99.9	246.7	30.1**	27.7	11.9	351.1	999.9	99.9	999.9	108.3	84.
41.7	104.0	12414.2	182.0	-56.2	99.9	247.6	33.8**	31.3	12.9	353.3	999.9	99.9	999.9	109.7	84.
42.2	105.0	12519.6	179.0	-57.3	99.9	250.3	41.9**	39.4	14.1	353.0	999.9	99.9	999.9	110.7	84.
42.7	106.0	12662.4	175.0	-57.6	99.9	253.5	56.2**	53.9	15.9	354.8	999.9	99.9	999.9	111.8	84.
43.2	107.0	12808.0	171.0	-58.5	99.9	256.1	74.8**	72.6	17.9	355.7	999.9	99.9	999.9	113.7	83.
43.7	108.0	12956.6	167.0	-59.2	99.9	257.6	86.4**	84.4	18.6	357.0	999.9	99.9	999.9	116.6	83.
44.3	109.0	13108.6	163.0	-59.2	99.9	258.1	82.8**	81.0	17.1	359.5	999.9	99.9	999.9	120.1	83.
44.7	110.0	13264.2	159.0	-59.3	99.9	258.1	76.8**	75.2	15.8	361.8	999.9	99.9	999.9	121.9	83.
45.4	111.0	13423.5	155.0	-60.0	99.9	259.0	75.4**	74.0	14.4	363.2	999.9	99.9	999.9	124.9	83.
45.9	112.0	13545.4	152.0	-60.6	99.9	258.9	70.5**	69.2	13.5	364.4	999.9	99.9	999.9	126.4	83.
46.4	113.0	13711.2	148.0	-61.1	99.9	256.5	45.7**	44.4	10.7	366.2	999.9	99.9	999.9	130.8	83.
47.0	114.0	13838.4	145.0	-61.3	99.9	248.0	18.5**	17.2	6.9	368.1	999.9	99.9	999.9	128.8	83.
47.6	115.0	14012.0	141.0	-61.3	99.9	256.2	35.6**	34.6	8.5	371.0	999.9	99.9	999.9	130.3	83.
48.3	116.0	14190.5	137.0	-61.5	99.9	258.6	55.8**	54.7	11.0	373.8	999.9	99.9	999.9	133.0	83.
48.9	117.0	14327.8	134.0	-61.5	99.9	257.6	48.1**	47.0	10.3	376.1	999.9	99.9	999.9	135.1	83.
49.4	118.0	14468.3	131.0	-61.1	99.9	255.1	39.0**	37.7	10.0	379.2	999.9	99.9	999.9	136.2	82.
50.1	119.0	14612.1	128.0	-61.3	99.9	251.2	36.2**	34.3	11.6	381.4	999.9	99.9	999.9	137.5	82.
50.6	120.0	14759.1	125.0	-62.0	99.9	250.2	37.8**	35.5	12.8	382.7	999.9	99.9	999.9	138.7	82.
51.2	121.0	14909.2	122.0	-62.2	99.9	251.2	42.5**	40.2	13.7	385.0	999.9	99.9	999.9	140.0	82.
51.8	122.0	15062.8	119.0	-62.9	99.9	252.7	44.4**	42.4	13.2	386.4	999.9	99.9	999.9	141.4	82.
52.3	123.0	15220.0	116.0	-62.9	99.9	253.3	35.1**	33.7	10.1	389.3	999.9	99.9	999.9	143.9	82.
52.9	124.0	15381.0	113.0	-63.9	99.9	255.9	30.2**	29.3	7.3	390.5	999.9	99.9	999.9	142.8	82.
53.4	125.0	15546.0	110.0	-63.9	99.9	258.3	47.0**	46.1	9.5	393.5	999.9	99.9	999.9	144.9	82.
54.2	126.0	15715.3	107.0	-64.3	99.9	260.0	64.1**	65.1	11.5	395.9	999.9	99.9	999.9	147.8	82.
54.8	127.0	15889.3	104.0	-64.3	99.9	261.1	58.4**	57.7	9.0	399.1	999.9	99.9	999.9	150.6	82.
55.4	128.0	16068.5	101.0	-64.1	99.9	262.0	48.0**	47.5	6.7	402.8	999.9	99.9	999.9	152.2	82.
55.9	129.0	16253.3	98.0	-63.9	99.9	263.6	44.5**	44.2	5.0	406.7	999.9	99.9	999.9	153.6	82.
56.4	130.0	16379.7	96.0	-63.9	99.9	266.7	44.0**	43.9	2.5	409.1	999.9	99.9	999.9	154.8	82.
57.0	131.0	16574.0	93.0	-64.4	99.9	269.8	42.0**	42.0	0.2	411.7	999.9	99.9	999.9	156.4	82.
57.6	132.0	16774.2	90.0	-65.0	99.9	268.7	31.7**	31.7	0.7	414.4	999.9	99.9	999.9	158.1	82.
58.1	133.0	16911.0	88.0	-65.6	99.9	263.9	26.7**	26.5	2.8	415.9	999.9	99.9	999.9	158.8	82.
58.7	134.0	17050.7	86.0	-65.8	99.9	258.1	28.1**	27.5	5.8	418.3	999.9	99.9	999.9	159.3	82.
59.2	135.0	17266.1	83.0	-66.2	99.9	255.4	24.8**	24.0	6.2	421.7	999.9	99.9	999.9	161.1	82.
60.0	136.0	17414.3	81.0	-65.2	99.9	261.9	32.7**	32.4	4.6	426.7	999.9	99.9	999.9	161.1	82.
60.8	137.0	17644.6	78.0	-64.4	99.9	999.9	99.9	99.9	99.9	432.9	999.9	99.9	999.9	999.9	999.
61.6	138.0	17803.3	76.0	-64.8	99.9	999.9	99.9	99.9	99.9	435.4	999.9	99.9	999.9	999.9	999.
62.3	139.0	18048.2	73.0	-66.2	99.9	999.9	99.9	99.9	99.9	437.5	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

7 FEBRUARY 1975  
515 GMT

154 28. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	100.0	1012.5	0.1	-2.1	330.0	6.2	3.1	-5.4	272.7	280.9	3.2	85.0	0.0	0.
0.2	5.0	135.6	1008.0	-1.8	-5.4	999.9	99.9	99.9	99.9	271.0	277.5	2.5	76.3	999.9	999.
0.8	6.0	262.6	992.0	-3.1	-7.4	999.9	99.9	99.9	99.9	271.0	276.7	2.2	72.0	999.9	999.
1.2	7.0	367.0	979.0	-3.7	-7.2	999.9	99.9	99.9	99.9	271.4	277.3	2.3	76.5	999.9	999.
1.7	8.0	472.4	966.0	-4.9	-7.4	339.5	9.4	3.3	-8.8	271.2	277.0	2.3	82.3	0.8	158.
1.9	9.0	578.8	953.0	-6.0	-7.5	338.9	9.4	3.5	-9.0	271.2	277.1	2.3	88.6	1.0	158.
2.2	10.0	677.9	941.0	-6.9	-7.9	339.8	9.5	3.3	-9.0	271.2	277.0	2.2	91.9	1.1	158.
2.8	11.0	803.1	926.0	-8.2	-8.2	340.8	10.1	3.3	-9.5	271.1	276.9	2.2	100.6	1.5	159.
3.1	12.0	904.3	914.0	-9.2	-9.2	339.0	10.6	3.8	-9.9	271.1	276.5	2.1	101.9	1.7	159.
3.8	13.0	1015.1	901.0	-9.8	-9.8	334.6	10.1	4.3	-9.1	271.6	276.8	2.0	101.8	2.1	158.
4.1	14.0	1110.3	890.0	-7.9	-9.5	333.7	9.5	4.2	-8.5	274.5	280.0	2.1	88.2	2.3	158.
4.5	15.0	1215.9	878.0	-7.9	-12.1	329.3	8.3	4.2	-7.1	275.5	280.1	1.7	71.5	2.5	158.
5.0	16.0	1350.0	863.0	-7.6	-14.0	322.3	9.9	6.1	-7.8	277.2	281.3	1.5	60.2	2.7	157.
5.2	17.0	1459.4	851.0	-5.4	-13.6	321.9	10.7	6.6	-6.4	280.6	285.0	1.6	52.3	2.9	156.
5.8	18.0	1561.7	840.0	-4.6	-13.7	319.9	12.5	8.1	-9.6	282.5	286.9	1.6	49.0	3.3	154.
6.0	19.0	1665.9	829.0	-2.8	-14.6	319.0	13.0	8.5	-9.8	285.5	289.7	1.5	39.4	3.4	153.
6.3	20.0	1781.5	817.0	-2.6	-16.6	315.4	12.5	8.8	-8.9	286.8	290.5	1.3	33.0	3.7	152.
6.9	21.0	1918.4	803.0	-3.1	-17.3	306.7	11.4	9.1	-6.8	287.7	291.3	1.2	32.3	4.0	150.
7.2	22.0	2027.6	792.0	-3.4	-18.6	305.7	12.5	10.1	-7.3	288.5	291.7	1.1	29.5	4.2	149.
7.7	23.0	2138.1	781.0	-3.8	-19.3	305.6	14.7	11.9	-8.5	289.2	292.3	1.1	28.8	4.6	147.
8.0	24.0	2249.8	770.0	-4.8	-20.3	304.4	15.2	12.5	-8.6	289.3	292.3	1.0	28.4	4.9	146.
8.3	25.0	2362.9	759.0	-5.2	-21.5	301.9	15.3	13.0	-8.1	290.0	292.7	0.9	26.5	5.2	145.
9.0	26.0	2508.8	745.0	-6.4	-22.5	294.8	15.4	14.0	-6.4	290.3	292.8	0.8	26.5	5.7	142.
9.3	27.0	2625.0	734.0	-6.7	-22.7	292.0	15.4	14.2	-5.8	291.2	293.7	0.8	26.5	6.0	141.
9.8	28.0	2731.9	724.0	-7.6	-23.5	287.6	15.2	14.5	-4.6	291.3	293.7	0.8	26.6	6.4	138.
10.1	29.0	2850.9	713.0	-8.2	-24.0	285.1	15.2	14.6	-3.9	292.0	294.3	0.8	26.6	6.7	137.
10.6	30.0	2971.4	702.0	-9.2	-24.9	281.3	15.6	15.3	-3.1	292.1	294.3	0.7	26.6	7.0	135.
11.0	31.0	3082.3	692.0	-9.8	-25.7	279.7	16.6	16.4	-2.8	292.7	294.7	0.7	25.8	7.3	133.
11.3	32.0	3194.4	682.0	-10.7	-26.4	279.6	17.7	17.5	-2.9	292.9	294.9	0.6	25.9	7.6	132.
11.8	33.0	3307.9	672.0	-11.1	-26.8	279.7	19.4	19.1	-3.3	293.7	295.6	0.6	25.9	8.0	130.
12.1	34.0	3434.5	661.0	-11.9	-27.5	280.1	20.3	20.0	-3.6	294.1	296.0	0.6	25.9	8.3	129.
12.6	35.0	3539.3	652.0	-12.5	-28.0	281.5	21.5	21.1	-4.3	294.6	296.4	0.6	25.9	8.9	127.
13.1	36.0	3680.9	640.0	-13.6	-29.0	284.3	22.3	21.6	-5.5	294.9	296.6	0.5	26.0	9.5	125.
13.6	37.0	3800.6	630.0	-13.5	-29.2	287.9	22.8	21.7	-7.0	296.4	298.1	0.5	25.2	10.2	124.
14.0	38.0	3922.7	620.0	-12.2	-27.9	290.4	23.1	21.6	-8.1	299.2	301.2	0.6	25.5	10.7	123.
14.2	39.0	4034.5	611.0	-12.4	-28.0	290.7	23.1	21.6	-8.2	300.3	302.3	0.6	25.5	11.0	123.
14.8	40.0	4160.3	601.0	-13.5	-29.2	290.0	23.1	21.7	-7.9	300.4	302.2	0.6	25.2	11.8	122.
15.2	41.0	4300.7	590.0	-13.9	-29.5	288.7	23.8	22.5	-7.6	301.5	303.3	0.6	25.2	12.3	122.
15.7	42.0	4417.2	581.0	-15.0	-30.5	287.5	25.3	24.1	-7.6	301.5	303.2	0.5	25.2	13.0	121.
16.0	43.0	4548.4	571.0	-15.6	-30.9	287.0	26.2	25.1	-7.7	302.4	304.0	0.5	25.3	13.5	120.
16.3	44.0	4668.1	562.0	-16.4	-31.6	285.6	26.4	25.4	-7.1	302.8	304.3	0.5	25.3	14.0	120.
16.8	45.0	4775.8	554.0	-16.9	-32.1	282.1	26.5	25.9	-5.6	303.4	304.9	0.5	25.3	14.8	119.
17.2	46.0	4898.7	545.0	-17.4	-32.5	278.7	27.4	27.0	-4.1	304.3	305.8	0.5	25.3	15.3	118.
17.7	47.0	5023.4	536.0	-17.6	-32.7	274.7	29.9	29.8	-2.5	305.4	306.9	0.5	25.3	16.1	117.
18.1	48.0	5135.9	528.0	-17.9	-32.9	272.0	32.7	32.7	-1.1	306.4	307.9	0.4	25.3	16.8	116.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

7 FEBRUARY 1975  
515 GMT

154 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.5	49.0	5264.4	519.0	-18.2	-33.1	269.3	35.5	35.5	0.4	307.6	309.1	0.4	25.4	17.5	115.
18.9	50.0	5380.3	511.0	-19.0	-33.8	266.7	37.3	37.2	2.2	308.0	309.4	0.4	25.4	18.4	114.
19.3	51.0	5542.2	500.0	-19.4	-34.7	264.2	38.1	38.0	3.8	309.4	310.7	0.4	24.2	19.2	112.
19.8	52.0	5661.9	492.0	-20.5	-35.6	262.0	38.6	38.2	5.3	309.5	310.8	0.4	24.3	20.2	111.
20.2	53.0	5782.9	484.0	-21.8	-36.7	261.4	39.0	38.5	5.8	309.3	310.4	0.3	24.3	21.0	110.
20.7	54.0	5921.0	475.0	-22.3	-37.2	262.0	39.9	39.5	5.6	310.3	311.4	0.3	24.3	22.0	108.
21.1	55.0	6030.0	468.0	-22.9	-37.6	263.1	41.0	40.7	4.9	311.0	312.0	0.3	24.4	22.9	107.
21.7	56.0	6188.2	458.0	-23.4	-38.1	265.4	42.7	42.5	3.4	312.2	313.3	0.3	24.4	24.3	106.
22.1	57.0	6300.7	451.0	-23.9	-38.5	266.9	44.3	44.2	2.4	312.9	314.0	0.3	24.4	25.3	105.
22.6	58.0	6431.3	443.0	-24.3	-38.9	268.3	48.0	48.0	1.4	314.0	315.0	0.3	24.4	26.5	104.
23.0	59.0	6564.0	435.0	-24.9	-39.3	263.5	52.2	52.2	1.4	315.0	316.0	0.3	24.5	27.7	103.
23.4	60.0	6682.0	428.0	-24.9	-39.3	267.1	54.6	54.6	2.8	316.5	317.5	0.3	24.5	28.9	103.
23.9	61.0	6802.0	421.0	-24.6	-38.5	264.4	54.8	54.5	5.3	318.3	319.4	0.3	26.0	30.9	102.
24.2	62.0	6941.5	413.0	-25.3	-39.1	263.2	54.9	54.5	6.5	319.2	320.3	0.3	26.0	31.6	101.
24.7	63.0	7065.4	406.0	-26.1	-39.8	262.3	56.4	55.9	7.6	319.7	320.8	0.3	26.0	32.9	100.
25.1	64.0	7191.0	399.0	-27.4	-40.9	262.2	58.1	57.6	7.9	319.6	320.5	0.3	26.1	34.5	100.
25.6	65.0	7318.1	392.0	-28.6	-41.9	261.5	57.8	57.2	8.6	319.7	320.5	0.2	26.1	36.1	99.
26.0	66.0	7484.1	383.0	-29.9	-42.9	260.6	56.4	55.6	9.2	320.0	320.8	0.2	26.6	37.7	98.
26.5	67.0	7596.3	377.0	-31.2	-44.0	260.4	57.4	56.6	9.6	319.7	320.5	0.2	27.0	38.6	97.
26.9	68.0	7728.8	370.0	-32.4	-45.0	260.4	60.0*	59.1	10.0	319.9	320.5	0.2	27.0	40.5	97.
27.2	69.0	7863.2	363.0	-33.6	-45.5	260.2	61.5*	60.6	10.5	320.0	320.6	0.2	27.4	41.5	96.
27.8	70.0	7979.8	357.0	-34.9	-46.8	259.6	63.0*	62.0	11.4	319.8	320.3	0.2	28.4	43.7	95.
28.2	71.0	8137.5	349.0	-36.3	-47.7	259.2	62.2*	61.1	11.6	320.0	320.6	0.1	29.4	45.2	95.
28.7	72.0	8277.9	342.0	-37.1	-48.3	259.4	60.2*	59.1	11.1	320.8	321.3	0.1	29.7	46.9	94.
29.1	73.0	8400.1	336.0	-37.7	-48.8	260.1	59.2*	58.3	10.2	321.5	322.0	0.1	30.1	48.4	94.
29.6	74.0	8524.0	330.0	-39.0	-49.9	261.1	59.5*	58.8	9.2	321.5	321.9	0.1	30.1	49.6	93.
30.0	75.0	8649.6	324.0	-40.2	99.9	261.1	59.0*	58.3	9.1	321.6	999.9	99.9	999.9	52.0	93.
30.5	76.0	8776.9	318.0	-41.2	99.9	260.4	57.5*	56.7	9.6	322.0	999.9	99.9	999.9	52.7	93.
30.9	77.0	8906.1	312.0	-42.0	99.9	260.5	59.2*	58.4	9.7	322.6	999.9	99.9	999.9	54.4	92.
31.3	78.0	9037.2	306.0	-43.1	99.9	260.9	62.8*	62.0	9.9	322.8	999.9	99.9	999.9	55.7	92.
31.8	79.0	9170.3	300.0	-44.4	99.9	261.3	66.6*	65.8	10.0	322.8	999.9	99.9	999.9	57.7	92.
32.2	80.0	9305.5	294.0	-44.8	99.9	261.3	67.1*	66.3	10.1	324.1	999.9	99.9	999.9	59.4	91.
32.8	81.0	9466.3	287.0	-46.1	99.9	260.7	66.5*	65.6	10.7	324.5	999.9	99.9	999.9	61.8	91.
33.2	82.0	9582.8	282.0	-47.3	99.9	260.6	68.1*	67.1	11.1	324.5	999.9	99.9	999.9	63.1	91.
33.7	83.0	9724.8	276.0	-48.4	99.9	260.8	69.9*	69.0	11.1	324.8	999.9	99.9	999.9	65.3	90.
34.1	84.0	9844.8	271.0	-49.5	99.9	260.8	68.6*	67.7	10.9	324.9	999.9	99.9	999.9	67.5	90.
34.6	85.0	9966.4	266.0	-51.0	99.9	260.4	64.5*	63.6	10.7	324.5	999.9	99.9	999.9	68.7	90.
35.1	86.0	10139.5	259.0	-52.2	99.9	260.2	61.6*	60.7	10.4	325.1	999.9	99.9	999.9	71.1	90.
35.6	87.0	10265.3	254.0	-53.3	99.9	260.0	59.6*	58.7	10.4	325.3	999.9	99.9	999.9	72.4	89.
36.0	88.0	10393.1	249.0	-54.3	99.9	259.8	59.6*	58.6	10.6	325.8	999.9	99.9	999.9	74.7	89.
36.5	89.0	10522.7	244.0	-55.7	99.9	261.5	64.6*	63.8	9.6	325.5	999.9	99.9	999.9	74.7	89.
36.9	90.0	10654.2	239.0	-56.7	99.9	263.8	66.7*	66.3	7.1	325.9	999.9	99.9	999.9	77.9	89.
37.4	91.0	10788.1	234.0	-57.2	99.9	266.0	64.7*	64.5	4.5	327.1	999.9	99.9	999.9	79.4	89.
37.9	92.0	10924.7	229.0	-57.2	99.9	266.0	60.1*	60.0	4.2	329.1	999.9	99.9	999.9	81.3	89.
38.3	93.0	11064.0	224.0	-58.1	99.9	263.8	55.6*	55.3	6.0	329.9	999.9	99.9	999.9	82.9	89.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

7 FEBRUARY 1975  
515 GMT

154 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PPFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.8	94.0	11177.5	220.0	-58.3	99.9	259.3	53.2*	52.3	9.9	331.4	999.9	99.9	999.9	84.4	89.
39.2	95.0	11322.2	215.0	-58.3	99.9	256.5	56.2*	54.6	13.1	333.5	999.9	99.9	999.9	85.2	88.
39.9	96.0	11471.2	210.0	-55.6	99.9	255.8	61.5*	59.7	15.1	340.0	999.9	99.9	999.9	88.4	88.
40.2	97.0	11625.0	205.0	-54.9	99.9	256.3	58.7*	57.0	13.9	343.4	999.9	99.9	999.9	89.5	88.
40.8	98.0	11750.7	201.0	-55.7	99.9	258.6	51.7*	50.7	10.2	344.0	999.9	99.9	999.9	90.9	88.
41.2	99.0	11879.0	197.0	-54.8	99.9	261.0	50.8*	50.2	7.9	347.6	999.9	99.9	999.9	92.1	87.
41.9	100.0	12043.4	192.0	-55.1	99.9	263.2	53.4*	53.0	6.3	349.6	999.9	99.9	999.9	94.2	87.
42.5	101.0	12211.7	187.0	-55.7	99.9	264.4	53.8*	53.6	5.2	351.2	999.9	99.9	999.9	96.7	87.
43.0	102.0	12349.0	183.0	-56.9	99.9	266.6	49.6*	49.5	2.9	351.5	999.9	99.9	999.9	97.7	87.
43.5	103.0	12489.1	179.0	-56.4	99.9	268.3	43.5*	43.5	1.3	354.5	999.9	99.9	999.9	100.0	87.
44.0	104.0	12632.5	175.0	-56.6	99.9	269.3	43.5*	43.5	0.5	356.6	999.9	99.9	999.9	99.8	87.
44.5	105.0	12779.2	171.0	-56.6	99.9	268.6	51.8*	51.8	1.2	358.9	999.9	99.9	999.9	102.2	87.
45.0	106.0	12891.4	168.0	-57.1	99.9	266.3	64.5*	64.3	4.2	359.9	999.9	99.9	999.9	103.1	87.
45.5	107.0	13043.7	164.0	-57.8	99.9	265.3	76.9*	76.7	6.3	361.3	999.9	99.9	999.9	105.7	87.
46.0	108.0	13199.5	160.0	-57.8	99.9	266.0	82.9*	82.7	5.8	363.8	999.9	99.9	999.9	108.3	87.
46.5	109.0	13318.7	157.0	-58.4	99.9	266.3	77.0*	76.9	5.0	364.6	999.9	99.9	999.9	110.7	87.
47.0	110.0	13480.7	153.0	-59.1	99.9	265.3	60.7*	60.5	5.0	366.1	999.9	99.9	999.9	113.6	87.
47.8	111.0	13646.8	149.0	-59.1	99.9	263.6	33.9*	33.6	3.8	368.9	999.9	99.9	999.9	115.1	87.
48.2	112.0	13817.3	145.0	-59.5	99.9	261.8	23.8*	23.6	3.4	371.2	999.9	99.9	999.9	116.0	87.
48.9	113.0	13947.9	142.0	-60.0	99.9	257.1	17.6*	17.1	3.9	372.5	999.9	99.9	999.9	116.0	87.
49.3	114.0	14081.1	139.0	-60.4	99.9	259.3	23.6*	23.2	4.4	374.2	999.9	99.9	999.9	116.6	87.
50.0	115.0	14262.9	135.0	-60.9	99.9	263.4	40.9*	40.6	4.7	376.3	999.9	99.9	999.9	118.1	87.
50.8	116.0	14449.5	131.0	-61.8	99.9	264.9	64.8**	64.6	5.8	377.9	999.9	99.9	999.9	120.6	87.
51.2	117.0	14592.8	128.0	-62.2	99.9	265.1	74.6**	74.3	6.4	379.8	999.9	99.9	999.9	122.2	87.
51.8	118.0	14738.9	125.0	-63.3	99.9	265.0	71.7**	71.4	6.2	380.3	999.9	99.9	999.9	125.6	87.
52.3	119.0	14888.0	122.0	-63.9	99.9	264.2	52.1**	51.8	5.3	381.9	999.9	99.9	999.9	128.1	87.
52.9	120.0	15040.5	119.0	-64.1	99.9	263.3	39.3**	39.0	4.6	384.3	999.9	99.9	999.9	127.9	87.
53.6	121.0	15156.8	116.0	-64.3	99.9	265.4	57.0**	56.8	4.6	386.8	999.9	99.9	999.9	130.6	87.
54.1	122.0	15356.8	113.0	-65.1	99.9	265.5	70.2**	69.9	5.5	388.2	999.9	99.9	999.9	132.1	87.
54.8	123.0	15465.5	111.0	-65.9	99.9	265.3	68.2**	67.9	5.6	388.7	999.9	99.9	999.9	135.9	87.
55.3	124.0	15631.8	108.0	-65.9	99.9	266.2	54.5**	54.4	3.6	391.8	999.9	99.9	999.9	137.8	87.
55.9	125.0	15802.7	105.0	-66.3	99.9	266.5	41.7**	41.6	2.6	394.2	999.9	99.9	999.9	139.2	87.
56.7	126.0	15978.3	102.0	-66.3	99.9	265.5	52.2**	52.0	4.1	397.4	999.9	99.9	999.9	140.8	87.
57.2	127.0	16159.1	99.0	-66.7	99.9	266.7	58.8**	58.7	3.4	400.0	999.9	99.9	999.9	142.8	87.
57.9	128.0	16345.2	96.0	-66.7	99.9	269.6	47.1**	47.1	0.3	403.6	999.9	99.9	999.9	145.6	87.
58.5	129.0	16472.5	94.0	-66.5	99.9	271.4	33.1**	33.1	-0.8	406.4	999.9	99.9	999.9	146.7	87.
59.0	130.0	16602.7	92.0	-66.7	99.9	270.5	24.1**	24.1	-0.2	408.5	999.9	99.9	999.9	147.8	87.
59.8	131.0	16803.9	89.0	-65.3	99.9	272.5	23.0**	22.9	-1.0	415.2	999.9	99.9	999.9	148.2	87.
60.3	132.0	17013.1	86.0	-64.3	99.9	271.4	34.4**	34.3	-0.9	421.3	999.9	99.9	999.9	148.7	87.
61.0	133.0	17157.1	84.0	-64.3	99.9	269.0	37.4**	37.3	0.7	424.2	999.9	99.9	999.9	152.2	87.
61.6	134.0	17379.4	81.0	-64.7	99.9	267.2	31.8**	31.7	1.6	427.8	999.9	99.9	999.9	151.8	87.
62.1	135.0	17532.1	79.0	-64.7	99.9	266.2	41.1**	41.0	2.7	430.9	999.9	99.9	999.9	152.9	87.
62.9	136.0	17688.3	77.0	-65.5	99.9	263.3	44.8**	44.5	5.2	432.4	999.9	99.9	999.9	156.1	87.
63.8	137.0	17929.9	74.0	-65.9	99.9	137.6	6.7**	-4.5	5.0	436.5	999.9	99.9	999.9	157.2	87.
64.5	138.0	18180.9	71.0	-66.3	99.9	105.8	18.4**	-17.7	5.0	440.8	999.9	99.9	999.9	156.0	87.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 235  
JACKSON, MISS

7 FEBRUARY 1975  
515 GMT

154 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
65.2	139.0	18353.6	69.0	-67.3	99.9	252.6	16.5**	15.8	4.9	442.2	999.9	99.9	999.9	155.3	87.
66.0	140.0	18622.0	66.0	-66.7	99.9	262.4	43.7**	43.3	5.8	449.2	999.9	99.9	999.9	157.2	87.
66.8	141.0	18808.4	64.0	-66.1	99.9	255.9	10.9**	10.6	2.6	454.6	999.9	99.9	999.9	159.6	86.
67.7	142.0	19100.4	61.0	-64.9	99.9	253.5	4.0**	3.9	1.1	463.5	999.9	99.9	999.9	158.7	86.
68.6	143.0	19303.2	59.0	-66.1	99.9	239.2	7.5*	6.4	3.8	465.2	999.9	99.9	999.9	159.8	86.
69.5	144.0	19512.3	57.0	-66.3	99.9	257.2	27.5*	26.8	6.1	469.4	999.9	99.9	999.9	159.7	86.
70.3	145.0	19839.9	54.0	-66.3	99.9	262.6	46.3*	45.9	6.0	476.7	999.9	99.9	999.9	162.0	86.
71.2	146.0	20068.9	52.0	-65.9	99.9	264.1	51.8*	51.5	5.3	482.8	999.9	99.9	999.9	164.7	86.
72.1	147.0	20308.4	50.0	-63.3	99.9	256.1	22.2*	21.5	5.3	494.3	999.9	99.9	999.9	167.4	86.
73.1	148.0	20688.9	47.0	-63.1	99.9	242.7	17.3*	15.4	7.9	503.6	999.9	99.9	999.9	167.9	86.
74.1	149.0	20956.3	45.0	-63.3	99.9	233.7	3.8*	3.1	2.3	509.4	999.9	99.9	999.9	169.9	86.
75.2	150.0	21235.2	43.0	-64.1	99.9	95.3	14.2*	-14.2	1.3	514.2	999.9	99.9	999.9	167.2	86.
76.2	151.0	21527.4	41.0	-63.3	99.9	270.5	25.9*	25.9	-0.2	523.1	999.9	99.9	999.9	167.9	86.
77.6	152.0	21834.8	39.0	-63.3	99.9	115.5	4.4*	-4.0	1.9	530.7	999.9	99.9	999.9	168.1	86.
78.6	153.0	22159.4	37.0	-62.0	99.9	258.2	49.0*	48.0	10.0	542.1	999.9	99.9	999.9	169.2	86.
79.7	154.0	22680.7	34.0	-63.3	99.9	202.3	7.5*	2.8	6.9	551.9	999.9	99.9	999.9	172.9	86.
80.9	155.0	23052.6	32.0	-64.1	99.9	254.6	29.2*	28.1	7.7	559.5	999.9	99.9	999.9	172.3	86.
82.2	156.0	23449.3	30.0	-62.6	99.9	999.9	99.9	99.9	99.9	574.1	999.9	99.9	999.9	999.9	999.
83.8	157.0	23875.4	28.0	-62.0	99.9	999.9	99.9	99.9	99.9	587.1	999.9	99.9	999.9	999.9	999.

STATION NO. 235  
JACKSON, MISS

7 FEBRUARY 1975  
1115 GMT

92 257. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	OIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	100.0	1013.0	-0.1	-5.5	350.0	5.1	0.9	-5.0	272.4	278.8	2.5	67.0	0.0	0.
0.1	5.0	131.7	1009.0	-0.6	-5.9	265.0	3.3	3.3	0.3	272.2	278.5	2.4	67.1	0.4	157.
0.6	6.0	243.0	995.0	-2.3	-8.1	275.6	3.4	3.4	-0.3	271.5	276.9	2.1	64.4	0.4	154.
0.9	7.0	339.2	983.0	-3.4	-8.8	301.9	4.1	3.5	-2.2	271.3	276.5	2.0	66.3	0.4	147.
1.1	8.0	428.1	972.0	-4.2	-9.1	313.6	4.9	3.6	-3.4	271.4	276.5	2.0	68.5	0.5	145.
1.4	9.0	517.7	961.0	-4.8	-8.9	325.3	6.3	3.6	-5.2	271.7	276.9	2.0	72.8	0.6	145.
1.7	10.0	608.1	950.0	-6.0	-9.2	330.1	6.8	3.4	-5.9	271.3	276.5	2.0	77.9	0.7	146.
2.0	11.0	724.2	936.0	-6.9	-8.6	333.2	6.7	3.0	-6.0	271.6	277.1	2.1	87.7	0.8	146.
2.3	12.0	816.4	925.0	-7.8	-8.8	336.7	7.0	2.7	-6.4	271.6	277.1	2.1	93.0	1.0	148.
2.6	13.0	909.3	914.0	-8.7	-9.0	337.7	7.5	2.9	-7.0	271.6	277.1	2.1	98.1	1.1	149.
2.8	14.0	1003.0	903.0	-9.7	-9.7	335.7	8.3	3.4	-7.5	271.5	276.7	2.0	100.5	1.2	150.
3.1	15.0	1088.9	893.0	-10.6	-13.2	332.9	9.5	4.3	-8.4	271.4	275.5	1.6	81.3	1.3	150.
3.5	16.0	1211.9	879.0	-4.8	-11.5	329.4	11.2	5.7	-9.6	278.6	283.5	1.8	59.2	1.6	150.
3.9	17.0	1302.2	869.0	-3.1	-12.6	326.5	11.9	6.5	-9.9	281.3	285.9	1.7	47.8	1.9	150.
4.1	18.0	1393.8	859.0	-3.3	-14.7	325.0	12.1	7.0	-9.9	282.0	286.0	1.4	40.8	2.0	150.
4.5	19.0	1495.8	848.0	-3.1	-15.1	321.6	12.6	7.8	-9.9	283.2	287.2	1.4	38.9	2.3	149.
4.9	20.0	1589.7	838.0	-3.3	-17.2	320.7	13.4	8.5	-10.3	284.0	287.4	1.2	33.1	2.6	148.
5.2	21.0	1713.4	825.0	-3.0	-19.3	320.1	14.0	9.0	-10.7	285.6	288.5	1.0	27.0	2.9	147.
5.6	22.0	1809.9	815.0	-3.3	-19.2	319.6	14.7	9.5	-11.1	286.3	289.2	1.0	27.8	3.2	146.
5.9	23.0	1907.5	805.0	-3.7	-19.6	319.5	14.8	9.6	-11.3	286.8	289.7	1.0	27.8	3.5	146.
6.2	24.0	2006.1	795.0	-4.2	-18.5	319.2	15.0	9.8	-11.3	287.3	290.6	1.1	31.8	3.7	145.
6.5	25.0	2105.7	785.0	-5.3	-18.5	318.6	15.1	10.0	-11.3	287.2	290.5	1.1	34.3	4.0	145.
6.9	26.0	2236.7	772.0	-5.7	-18.1	317.3	15.9	10.8	-11.7	288.1	291.6	1.2	36.9	4.3	145.
7.3	27.0	2339.0	762.0	-5.4	-18.0	315.6	17.1	12.0	-12.2	289.5	293.1	1.2	36.4	4.7	144.
7.6	28.0	2442.6	752.0	-5.9	-18.4	314.2	18.2	13.0	-12.7	290.1	293.6	1.2	36.4	5.0	143.
7.9	29.0	2536.9	743.0	-6.0	-19.6	312.7	19.3	14.2	-13.1	290.9	294.4	1.2	36.1	5.4	143.
8.3	30.0	2643.0	733.0	-5.9	-18.8	310.6	20.8	15.8	-13.5	292.2	295.7	1.2	35.2	5.8	142.
8.6	31.0	2739.8	724.0	-5.9	-19.0	309.1	21.8	16.9	-13.8	293.3	296.8	1.2	34.6	6.2	141.
8.9	32.0	2848.6	714.0	-6.5	-19.8	307.7	22.7	18.0	-13.9	293.8	297.1	1.1	33.7	6.6	140.
9.2	33.0	2958.7	704.0	-7.2	-20.6	306.1	23.3	18.8	-13.7	294.1	297.3	1.1	33.4	7.0	140.
9.6	34.0	3070.2	694.0	-7.4	-20.8	303.9	23.6	19.6	-13.2	295.2	298.3	1.0	33.1	7.6	139.
9.9	35.0	3171.7	685.0	-8.0	-21.4	301.9	23.4	19.9	-12.4	295.6	298.6	1.0	32.8	8.0	138.
10.3	36.0	3297.5	674.0	-8.3	-21.9	299.9	23.0	20.2	-11.1	296.6	299.6	1.0	32.1	8.6	137.
10.7	37.0	3401.7	665.0	-9.0	-22.8	295.6	22.6	20.4	-9.8	296.9	299.7	0.9	31.5	9.1	136.
11.1	38.0	3507.1	656.0	-9.3	-23.2	292.5	22.3	20.6	-8.5	297.8	300.5	0.9	31.1	9.6	134.
11.4	39.0	3613.8	647.0	-9.9	-23.6	291.0	22.1	20.6	-7.9	298.3	300.9	0.9	30.8	9.9	133.
11.8	40.0	3721.9	638.0	-10.0	-24.2	290.9	21.7	20.3	-7.8	299.3	301.9	0.8	30.1	10.4	132.
12.2	41.0	3855.9	627.0	-10.6	-24.8	292.0	21.7	20.1	-8.1	300.1	302.7	0.8	29.8	10.9	131.
12.6	42.0	3954.6	619.0	-10.9	-25.1	293.3	22.0	20.2	-8.7	300.9	303.4	0.8	29.8	11.4	130.
12.9	43.0	4067.1	610.0	-11.2	-25.3	293.5	22.6	20.7	-9.0	301.8	304.3	0.8	29.8	11.8	130.
13.2	44.0	4168.4	602.0	-11.5	-25.6	292.9	23.2	21.4	-9.1	302.6	305.1	0.8	29.8	12.2	129.
13.6	45.0	4283.7	593.0	-12.6	-26.6	291.5	24.2	22.5	-8.9	302.6	304.9	0.7	29.8	12.7	129.
13.9	46.0	4387.2	585.0	-13.6	-27.4	290.0	25.0	23.5	-8.6	302.6	304.8	0.7	29.9	13.1	128.
14.3	47.0	4478.6	578.0	-14.1	-27.9	289.6	25.9	24.6	-8.3	303.0	305.1	0.7	29.9	13.7	127.
14.7	48.0	4610.8	568.0	-15.4	-29.0	287.8	26.3	25.0	-8.0	303.1	305.0	0.6	29.9	14.3	126.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPFFD MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

7 FEBRUARY 1975

1115 GMT

92 257. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.0	49.0	4717.7	560.0	-16.2	-29.7	287.5	26.2	25.0	-7.9	303.3	305.2	0.6	29.9	14.8	126.
15.3	50.0	4825.9	552.0	-16.9	-30.3	287.6	25.7	24.5	-7.8	303.7	305.5	0.5	29.9	15.3	125.
15.7	51.0	4963.0	542.0	-17.6	-30.9	287.9	25.3	24.0	-7.7	304.5	306.2	0.5	29.9	15.8	124.
16.1	52.0	5074.2	534.0	-18.1	-31.4	288.2	25.4	24.1	-7.9	305.2	306.8	0.5	29.9	16.3	124.
16.4	53.0	5172.6	527.0	-18.9	-32.1	288.4	25.0	24.5	-8.2	305.3	306.9	0.5	30.0	16.8	123.
16.8	54.0	5286.4	519.0	-19.6	-32.7	288.2	26.5	25.2	-8.3	305.8	307.4	0.5	30.0	17.4	123.
17.1	55.0	5401.6	511.0	-20.4	-33.4	287.9	27.0	25.7	-8.3	306.2	307.7	0.4	30.0	17.9	123.
17.6	56.0	5532.9	502.0	-21.6	-34.5	287.0	28.2	27.0	-8.3	306.3	307.7	0.4	30.0	18.7	122.
17.9	57.0	5651.1	494.0	-22.3	-35.1	286.5	29.2	28.0	-8.3	306.9	308.2	0.4	30.0	19.2	122.
18.2	58.0	5755.9	487.0	-23.0	-35.6	285.9	30.0	28.9	-8.2	307.3	308.6	0.4	30.0	19.7	121.
18.6	59.0	5877.1	479.0	-23.6	-36.2	285.1	31.1	30.0	-8.1	308.0	309.2	0.4	30.1	20.4	121.
18.9	60.0	5984.6	472.0	-24.3	-36.8	284.5	31.6	30.6	-7.9	308.5	309.6	0.3	30.1	21.0	120.
19.3	61.0	6093.4	465.0	-24.9	-37.4	283.7	32.5	31.5	-7.7	309.0	310.1	0.3	30.1	21.7	120.
19.6	62.0	6203.5	458.0	-25.9	-38.2	283.3	33.2	32.4	-7.6	309.2	310.2	0.3	30.1	22.3	119.
20.0	63.0	6314.8	451.0	-26.8	-39.0	282.8	34.7	33.8	-7.7	309.4	310.3	0.3	30.1	23.0	119.
20.4	64.0	6427.6	444.0	-27.6	-39.7	282.2	36.3	35.4	-7.7	309.8	310.7	0.3	30.1	23.8	118.
20.7	65.0	6541.7	437.0	-28.2	-40.3	281.6	37.3	36.6	-7.5	310.3	311.2	0.3	30.1	24.5	118.
21.2	66.0	6690.9	428.0	-28.9	-40.9	280.5	39.3	38.6	-7.1	311.3	312.2	0.2	30.2	25.6	117.
21.7	67.0	6791.9	422.0	-29.0	-41.0	279.3	42.0	41.5	-6.8	312.4	313.3	0.2	30.2	26.7	116.
22.0	68.0	6911.3	415.0	-29.7	-41.5	278.6	44.1	43.6	-6.6	313.1	313.9	0.2	30.2	27.5	116.
22.4	69.0	7032.5	408.0	-30.3	-42.1	277.6	46.6	46.2	-6.2	313.8	314.6	0.2	30.2	28.5	115.
22.8	70.0	7137.8	402.0	-30.7	-42.5	276.5	48.8	48.4	-5.5	314.6	315.4	0.2	30.2	29.6	114.
23.2	71.0	7280.6	394.0	-30.7	-42.5	275.3	50.5	50.3	-4.6	316.4	317.2	0.2	30.2	30.8	114.
23.6	72.0	7407.8	387.0	-31.2	-42.9	274.0	52.1	52.0	-3.6	317.3	318.1	0.2	30.2	31.9	113.
23.9	73.0	7518.3	381.0	-32.4	-44.0	273.1	53.2	53.2	-2.9	317.2	317.9	0.2	30.2	32.8	112.
24.3	74.0	7630.0	375.0	-33.1	-44.5	272.2	54.6	54.6	-2.1	317.8	318.5	0.2	30.2	34.1	112.
24.7	75.0	7781.4	367.0	-34.0	-45.4	271.7	55.8	55.8	-1.6	318.5	319.2	0.2	30.2	35.3	111.
25.1	76.0	7877.4	362.0	-34.9	-46.2	271.4	56.5	56.5	-1.4	318.6	319.1	0.2	30.3	36.6	110.
25.4	77.0	7993.8	356.0	-35.9	-47.1	271.2	56.4	56.4	-1.2	318.7	319.2	0.1	30.3	37.6	110.
25.9	78.0	8091.9	351.0	-36.7	-47.8	270.6	55.0	55.0	-0.6	318.9	319.4	0.1	30.3	39.2	109.
26.2	79.0	8231.1	344.0	-37.7	-48.6	269.9	53.1	53.1	0.1	319.5	319.9	0.1	30.3	40.2	108.
26.6	80.0	8331.9	339.0	-38.6	-49.5	268.6	49.7	49.7	1.2	319.5	320.0	0.1	30.3	41.4	108.
27.1	81.0	8475.0	332.0	-39.4	-50.2	266.6	45.2	45.1	2.7	320.3	320.8	0.1	30.4	42.8	107.
27.4	82.0	8599.6	326.0	-40.3	99.9	265.9	44.0	43.9	3.2	320.8	999.9	99.9	999.9	43.4	107.
27.9	83.0	8726.2	320.0	-40.9	99.9	266.6	47.0	46.9	2.8	321.8	999.9	99.9	999.9	44.3	106.
28.2	84.0	8833.1	315.0	-41.7	99.9	267.4	50.5	50.4	2.3	322.1	999.9	99.9	999.9	45.2	106.
28.5	85.0	8941.3	310.0	-42.9	99.9	268.1	54.3	54.3	1.8	321.9	999.9	99.9	999.9	46.3	105.
29.0	86.0	9094.9	303.0	-44.1	99.9	268.0	57.1	57.1	2.0	322.2	999.9	99.9	999.9	47.9	105.
29.3	87.0	9228.8	297.0	-45.3	99.9	267.5	56.9*	56.9	2.5	322.5	999.9	99.9	999.9	49.0	105.
29.7	88.0	9341.9	292.0	-46.2	99.9	267.2	57.0*	56.9	2.8	322.7	999.9	99.9	999.9	50.2	104.
30.1	89.0	9456.4	287.0	-47.2	99.9	267.4	57.8*	57.8	2.6	322.9	999.9	99.9	999.9	51.5	104.
30.6	90.0	9572.5	282.0	-48.1	99.9	268.2	60.4	60.3	1.9	323.3	999.9	99.9	999.9	53.2	103.
31.0	91.0	9690.2	277.0	-49.0	99.9	999.9	99.9	99.9	99.9	323.7	999.9	99.9	999.9	999.9	999.
31.4	92.0	9809.6	272.0	-49.7	99.9	999.9	99.9	99.9	99.9	324.3	999.9	99.9	999.9	999.9	999.
31.8	93.0	9930.8	267.0	-50.6	99.9	999.9	99.9	99.9	99.9	324.7	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

7 FEBRUARY 1975  
1115 GMT

92 257. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.2	94.0	10053.9	262.0	-51.3	99.9	999.9	99.9	99.9	99.9	325.4	999.9	99.9	999.9	999.9	999.
32.7	95.0	10178.9	257.0	-52.1	99.9	999.9	99.9	99.9	99.9	326.1	999.9	99.9	999.9	999.9	999.

STATION NO. 240  
LAKE CHARLES, LA

5 FEBRUARY 1975  
2315 GMT

132 105. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.6	5.0	1014.0	21.1	7.3	340.0	3.6	1.2	-1.4	293.9	311.1	6.4	41.0	0.0	0.
0.1	4.0	39.2	1010.0	20.8	6.0	999.9	99.9	99.9	99.9	293.9	309.6	5.8	38.0	999.9	999.
0.4	5.0	142.2	998.0	19.5	4.9	999.9	99.9	99.9	99.9	293.6	308.3	5.5	38.3	999.9	999.
0.8	6.0	263.4	984.0	18.0	4.1	999.9	99.9	99.9	99.9	293.2	307.4	5.2	39.7	999.9	999.
1.3	7.0	368.2	972.0	17.2	4.1	999.9	99.9	99.9	99.9	293.4	308.1	5.4	42.7	999.9	999.
1.7	8.0	474.0	960.0	16.1	4.3	999.9	99.9	99.9	99.9	293.4	308.1	5.4	45.3	999.9	999.
1.9	9.0	562.9	950.0	15.1	4.3	999.9	99.9	99.9	99.9	293.3	308.1	5.5	48.3	999.9	999.
2.3	10.0	670.4	938.0	14.3	4.2	999.9	99.9	99.9	99.9	293.5	308.4	5.5	50.5	999.9	999.
2.7	11.0	797.2	924.0	13.3	4.0	316.4	3.9	2.7	-2.8	293.8	308.8	5.5	53.2	0.6	154.
3.1	12.0	897.9	913.0	12.2	3.2	301.6	4.1	3.5	-2.2	293.5	307.9	5.3	54.3	0.7	151.
3.4	13.0	999.4	902.0	11.4	2.3	289.2	4.3	4.1	-1.4	293.7	307.4	5.0	53.6	0.8	148.
3.7	14.0	1101.7	891.0	10.1	1.7	287.2	4.2	4.0	-1.2	293.4	306.4	4.8	55.0	0.8	144.
4.1	15.0	1204.9	880.0	9.5	1.1	293.2	3.7	3.4	-1.5	293.8	306.7	4.7	55.4	0.9	140.
4.5	16.0	1328.4	867.0	8.8	-0.0	305.0	3.4	2.8	-2.0	294.3	306.4	4.4	53.9	1.0	139.
4.9	17.0	1433.9	856.0	7.9	-7.6	299.1	6.1	5.4	-2.0	294.2	301.3	2.5	32.4	1.1	137.
5.2	18.0	1530.8	846.0	8.1	-11.9	296.1	8.7	7.8	-2.8	295.2	300.5	1.8	22.8	1.2	135.
5.6	19.0	1638.6	835.0	7.9	-15.9	291.9	11.6	10.8	-4.3	296.1	300.0	1.3	16.5	1.5	132.
5.9	20.0	1737.7	825.0	7.0	-19.1	286.0	12.4	11.9	-3.4	296.1	299.2	1.0	13.5	1.7	129.
6.4	21.0	1868.3	812.0	7.7	-23.1	276.3	14.3	14.2	-1.6	298.2	300.5	0.7	9.0	2.0	124.
6.7	22.0	1970.2	802.0	7.4	-19.3	271.6	15.5	15.5	-0.4	298.9	302.0	1.0	12.4	2.3	120.
7.0	23.0	2083.7	791.0	6.8	-10.4	267.5	16.7	16.7	0.7	299.7	306.1	2.2	27.9	2.5	117.
7.4	24.0	2188.1	781.0	6.1	-8.4	263.6	18.1	18.0	2.0	300.1	307.6	2.6	34.4	2.9	112.
7.7	25.0	2293.5	771.0	5.3	-8.9	261.9	19.0	18.8	2.7	300.2	307.6	2.5	35.1	3.2	109.
8.2	26.0	2410.8	760.0	5.1	-8.9	260.6	20.0	19.8	3.3	301.3	308.8	2.6	35.4	3.7	104.
8.5	27.0	2518.7	750.0	4.2	-12.0	260.4	20.5	20.2	3.4	301.4	307.1	1.9	27.6	4.0	103.
8.9	28.0	2628.0	740.0	4.7	-18.1	260.4	21.0	20.7	3.5	303.0	306.7	1.2	16.3	4.5	100.
9.2	29.0	2738.8	730.0	4.6	-27.3	260.5	21.1	20.9	3.5	303.9	305.7	0.6	7.6	4.9	99.
9.6	30.0	2850.8	720.0	3.5	-25.7	260.7	21.3	21.0	3.4	304.0	306.2	0.7	10.0	5.4	97.
10.0	31.0	2952.6	711.0	2.5	-25.3	261.2	21.5	21.2	3.3	304.0	306.2	0.7	10.7	5.9	95.
10.4	32.0	3055.3	702.0	1.5	-23.9	261.9	21.9	21.7	2.1	304.0	306.5	0.8	12.9	6.4	94.
10.7	33.0	3170.6	692.0	0.6	-18.1	262.2	22.4	22.2	2.0	304.3	308.4	1.3	23.1	6.7	94.
11.1	34.0	3275.6	683.0	-0.1	-17.4	262.5	23.4	23.2	3.1	304.7	309.1	1.4	25.7	7.3	93.
11.5	35.0	3381.5	674.0	-1.4	-17.9	262.2	24.6	24.4	3.3	304.4	308.7	1.4	27.0	7.8	92.
11.9	36.0	3512.6	663.0	-1.4	-17.5	261.3	25.9	25.6	3.9	305.9	310.4	1.5	28.5	8.4	91.
12.3	37.0	3633.5	653.0	-2.2	-17.2	259.8	27.0	26.6	4.8	306.3	311.0	1.5	30.4	9.1	91.
12.7	38.0	3743.7	644.0	-2.9	-11.6	257.9	28.0	27.3	5.8	306.7	314.1	2.4	50.9	9.7	90.
13.1	39.0	3855.0	635.0	-3.9	-9.3	256.2	28.9	28.1	6.9	307.0	315.8	3.0	65.7	10.4	89.
13.5	40.0	3955.1	627.0	-4.6	-9.6	255.3	29.9	28.9	7.6	307.2	316.0	3.0	68.3	11.0	88.
13.9	41.0	4094.3	616.0	-5.4	-9.8	255.7	30.5	29.5	7.5	307.9	316.7	2.9	70.8	11.8	87.
14.2	42.0	4209.7	607.0	-6.4	-12.0	256.3	30.8	29.9	7.3	307.9	315.5	2.5	64.5	12.4	87.
14.7	43.0	4313.3	599.0	-7.3	-14.7	257.3	31.4	30.6	6.9	308.0	314.2	2.0	55.6	13.2	86.
15.1	44.0	4431.2	590.0	-7.9	-16.7	257.6	32.2	31.5	6.9	308.6	314.0	1.7	49.0	14.0	86.
15.5	45.0	4537.3	582.0	-8.5	-19.1	257.5	33.5	32.7	7.3	309.1	313.6	1.4	42.1	14.7	85.
15.9	46.0	4644.5	574.0	-9.1	-21.6	257.0	34.2	33.3	7.7	309.6	313.3	1.2	35.2	15.6	85.
16.2	47.0	4766.7	565.0	-9.7	-22.0	256.7	34.0	33.1	7.8	310.3	314.0	1.2	35.7	16.2	85.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

5 FEBRUARY 1975  
2315 GMT

132 105. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.6	48.0	4876.6	557.0	-10.6	-22.2	256.5	33.1	32.2	7.7	310.5	314.2	1.2	37.6	17.1	84.
17.0	49.0	4987.8	549.0	-11.4	-22.6	257.0	31.5	30.7	7.1	310.8	314.3	1.1	38.1	17.9	84.
17.4	50.0	5114.4	540.0	-12.1	-22.4	258.1	30.4	29.7	6.3	311.4	315.2	1.2	41.8	18.5	84.
17.9	51.0	5242.9	521.0	-12.7	-22.1	259.1	30.3	29.8	5.7	312.3	316.2	1.2	45.2	19.4	83.
18.2	52.0	5358.7	523.0	-13.0	-23.0	259.2	30.8	30.2	5.8	313.3	317.0	1.1	42.4	19.9	83.
18.6	53.0	5476.2	515.0	-13.1	-24.0	259.8	31.4	30.8	6.1	314.5	317.9	1.1	39.4	20.7	83.
18.9	54.0	5580.4	508.0	-14.0	-24.7	259.1	31.6	30.9	6.5	314.7	318.0	1.0	39.4	21.3	83.
19.3	55.0	5700.8	500.0	-14.8	-25.8	257.1	31.5	30.7	7.0	315.1	318.1	0.9	38.4	22.1	83.
19.7	56.0	5838.0	491.0	-15.9	-27.0	256.6	31.4	30.5	7.3	315.4	318.2	0.8	37.7	22.8	83.
20.1	57.0	5946.1	484.0	-16.7	-29.1	256.6	31.5	30.7	7.3	315.6	318.0	0.7	33.1	23.5	82.
20.5	58.0	6071.2	476.0	-17.4	-30.8	257.2	32.0	31.2	7.1	316.3	318.3	0.6	29.9	24.3	82.
20.9	59.0	6181.9	469.0	-18.6	-31.8	257.9	32.9	32.2	6.9	316.1	318.0	0.6	30.0	25.0	82.
21.3	60.0	6293.8	462.0	-19.6	-33.3	258.2	33.3	32.6	6.8	316.3	317.9	0.5	28.3	25.8	82.
21.7	61.0	6407.1	455.0	-20.2	-34.1	258.0	33.1	32.4	6.9	316.8	318.4	0.5	27.6	26.7	82.
22.1	62.0	6521.8	448.0	-21.0	-35.2	257.3	32.8	32.0	7.2	317.2	318.6	0.4	26.5	27.5	82.
22.5	63.0	6637.9	441.0	-22.1	-36.4	256.7	33.5	32.6	7.7	317.3	318.6	0.4	25.8	28.2	82.
22.9	64.0	6755.4	434.0	-22.8	-38.4	256.8	36.7	35.7	8.4	317.9	319.0	0.3	22.3	28.9	81.
23.2	65.0	6874.5	427.0	-23.6	-39.2	256.9	38.3	37.3	8.7	318.3	319.4	0.3	22.0	29.6	81.
23.7	66.0	7012.4	419.0	-24.8	-40.6	256.6	38.2	37.2	8.9	318.5	319.4	0.3	21.2	31.0	81.
24.1	67.0	7134.8	412.0	-25.6	-41.4	255.7	35.4	34.3	8.8	319.0	319.9	0.2	20.8	32.0	81.
24.5	68.0	7241.0	406.0	-26.5	-42.6	254.5	32.5	31.3	8.7	319.2	319.9	0.2	20.0	32.6	81.
24.9	69.0	7366.5	399.0	-27.4	-43.1	254.1	33.1	31.8	9.1	319.6	320.3	0.2	20.5	33.3	81.
25.2	70.0	7475.3	393.0	-28.5	-44.4	254.0	34.3	33.0	9.5	319.6	320.2	0.2	19.8	33.9	81.
25.7	71.0	7622.4	385.0	-29.6	-45.6	254.0	36.3	34.9	10.0	319.9	320.5	0.2	19.0	35.0	80.
26.1	72.0	7734.2	379.0	-30.8	-46.7	253.7	36.7	35.2	10.3	319.8	320.3	0.1	19.1	35.9	80.
26.4	73.0	7866.2	372.0	-32.0	-47.2	253.4	36.1	34.6	10.3	319.9	320.4	0.1	20.0	36.6	80.
26.8	74.0	7980.8	366.0	-32.9	-47.4	252.9	35.1	33.6	10.3	320.2	320.7	0.1	21.8	37.5	80.
27.2	75.0	8096.9	360.0	-34.1	-47.1	252.9	34.9	33.4	10.3	320.1	320.6	0.1	25.3	38.3	80.
27.6	76.0	8214.3	354.0	-35.2	-47.2	253.3	35.9	34.4	10.3	320.2	320.8	0.1	27.8	39.1	80.
28.0	77.0	8313.3	349.0	-36.1	-48.1	254.3	38.1	36.7	10.3	320.3	320.8	0.1	27.5	39.8	79.
28.3	78.0	8433.4	343.0	-37.3	-48.9	254.8	38.2	36.8	10.0	320.2	320.7	0.1	28.2	40.6	79.
28.7	79.0	8555.1	337.0	-38.2	-49.4	255.2	36.3	35.1	9.3	320.6	321.0	0.1	29.4	41.7	79.
29.1	80.0	8678.3	331.0	-39.4	-49.9	255.2	32.7	31.6	8.4	320.6	999.9	99.9	999.9	42.6	79.
29.6	81.0	8824.4	324.0	-40.4	-49.9	255.6	29.6	28.7	7.4	321.3	999.9	99.9	999.9	43.3	79.
30.0	82.0	8930.2	319.0	-41.5	-49.9	256.9	30.9	30.1	7.0	321.2	999.9	99.9	999.9	43.8	79.
30.4	83.0	9058.7	313.0	-42.7	-49.9	258.4	34.5	33.8	6.9	321.2	999.9	99.9	999.9	44.7	79.
30.8	84.0	9167.0	308.0	-44.0	-49.9	257.5	37.0	36.3	6.7	321.0	999.9	99.9	999.9	45.6	79.
31.2	85.0	9298.8	302.0	-45.0	-49.9	260.0	37.9	37.4	6.6	321.4	999.9	99.9	999.9	46.6	79.
31.6	86.0	9432.5	296.0	-46.4	-49.9	259.9	37.7	37.1	6.6	321.2	999.9	99.9	999.9	47.6	79.
32.1	87.0	9545.4	291.0	-47.4	-49.9	258.8	36.7	36.0	7.1	321.4	999.9	99.9	999.9	48.6	79.
32.6	88.0	9682.9	285.0	-48.4	-49.9	257.5	34.9	34.1	7.6	321.8	999.9	99.9	999.9	49.7	79.
33.0	89.0	9799.2	280.0	-49.4	-49.9	256.7	32.8	31.9	7.5	322.0	999.9	99.9	999.9	50.7	79.
33.4	90.0	9916.9	275.0	-50.6	-49.9	256.3	30.7	29.8	7.3	321.9	999.9	99.9	999.9	51.3	79.
33.7	91.0	10036.3	270.0	-51.4	-49.9	256.1	29.8	29.0	7.1	322.5	999.9	99.9	999.9	51.8	79.
34.1	92.0	10157.4	265.0	-52.6	-49.9	256.0	29.2	28.4	7.1	322.5	999.9	99.9	999.9	52.5	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

5 FEBRUARY 1975  
2315 GMT

132 105. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.6	93.0	10280.3	260.0	-53.2	99.9	255.8	28.9	28.0	7.1	323.3	999.9	99.9	999.9	53.4	79.
35.0	94.0	10380.0	256.0	-53.8	99.9	255.5	28.5	27.6	7.1	323.8	999.9	99.9	999.9	54.1	79.
35.4	95.0	10506.6	251.0	-54.5	99.9	254.7	29.1	28.0	7.7	324.7	999.9	99.9	999.9	54.7	79.
35.9	96.0	10661.5	245.0	-54.5	99.9	253.1	31.3	29.9	9.1	327.0	999.9	99.9	999.9	55.6	79.
36.2	97.0	10767.0	241.0	-54.5	99.9	252.2	32.9	31.3	10.0	328.5	999.9	99.9	999.9	56.2	79.
36.6	98.0	10901.4	236.0	-54.0	99.9	251.2	34.9	33.0	11.3	331.2	999.9	99.9	999.9	57.0	79.
37.0	99.0	11011.0	232.0	-54.5	99.9	250.3	36.3	34.2	12.2	332.1	999.9	99.9	999.9	57.9	78.
37.4	100.0	11150.3	227.0	-55.4	99.9	248.8	37.5	35.0	13.5	332.7	999.9	99.9	999.9	58.7	78.
37.9	101.0	11291.9	222.0	-56.7	99.9	245.7	39.0	35.5	16.0	332.9	999.9	99.9	999.9	59.9	78.
38.2	102.0	11436.1	217.0	-57.4	99.9	243.5	39.8	35.6	17.7	334.0	999.9	99.9	999.9	60.6	78.
38.6	103.0	11553.4	213.0	-58.2	99.9	240.8	40.9	35.7	19.9	334.5	999.9	99.9	999.9	61.5	78.
39.0	104.0	11672.7	209.0	-58.4	99.9	238.9	42.0	35.9	21.7	336.0	999.9	99.9	999.9	62.4	77.
39.5	105.0	11794.9	205.0	-58.1	99.9	237.4	41.9	35.3	22.6	341.6	999.9	99.9	999.9	63.6	77.
39.9	106.0	11920.2	201.0	-56.2	99.9	236.1	39.5	32.8	22.0	343.2	999.9	99.9	999.9	64.8	77.
40.4	107.0	12047.9	197.0	-56.1	99.9	235.8	37.5*	31.0	21.1	345.5	999.9	99.9	999.9	65.7	76.
40.7	108.0	12178.4	193.0	-56.1	99.9	237.2	38.3*	32.2	20.7	347.5	999.9	99.9	999.9	66.2	76.
41.2	109.0	12311.5	189.0	-56.1	99.9	240.6	42.1*	36.7	20.7	349.6	999.9	99.9	999.9	67.3	76.
41.6	110.0	12447.3	185.0	-56.9	99.9	243.0	45.7*	40.8	20.8	350.4	999.9	99.9	999.9	68.4	76.
42.2	111.0	12585.6	181.0	-57.2	99.9	244.8	48.9*	44.2	20.8	352.1	999.9	99.9	999.9	70.1	75.
42.6	112.0	12726.9	177.0	-57.4	99.9	245.3	49.9*	45.3	20.8	354.0	999.9	99.9	999.9	71.3	75.
43.1	113.0	12871.3	173.0	-57.6	99.9	245.4	50.1*	45.6	20.8	356.1	999.9	99.9	999.9	72.8	75.
43.6	114.0	12981.8	170.0	-57.7	99.9	245.4	48.9*	44.4	20.4	357.6	999.9	99.9	999.9	74.2	75.
44.0	115.0	13132.4	166.0	-56.6	99.9	245.3	46.5*	42.2	19.4	362.0	999.9	99.9	999.9	75.6	75.
44.6	116.0	13286.7	162.0	-57.7	99.9	244.5	40.4*	36.4	17.4	362.6	999.9	99.9	999.9	77.0	75.
45.0	117.0	13444.3	158.0	-58.2	99.9	243.4	35.7*	31.9	16.0	364.3	999.9	99.9	999.9	78.1	74.
45.5	118.0	13564.8	155.0	-58.7	99.9	240.7	29.3*	25.6	14.3	365.4	999.9	99.9	999.9	78.8	74.
45.9	119.0	13728.8	151.0	-59.3	99.9	239.0	24.7*	20.9	13.1	367.3	999.9	99.9	999.9	79.6	74.
46.4	120.0	13854.5	148.0	-59.6	99.9	237.9	23.9*	20.2	12.7	368.8	999.9	99.9	999.9	80.1	74.
46.9	121.0	13982.4	145.0	-60.1	99.9	242.9	32.3*	28.8	14.7	370.1	999.9	99.9	999.9	80.4	74.
47.4	122.0	14112.9	142.0	-60.1	99.9	246.0	42.8*	39.1	17.4	372.3	999.9	99.9	999.9	81.8	74.
47.8	123.0	14290.8	138.0	-60.8	99.9	245.9	44.7*	40.8	18.2	374.1	999.9	99.9	999.9	83.2	74.
48.3	124.0	14427.4	135.0	-61.2	99.9	244.0	42.3*	38.0	18.5	375.8	999.9	99.9	999.9	84.5	74.
48.7	125.0	14566.5	132.0	-62.5	99.9	242.5	41.9*	37.1	19.3	376.0	999.9	99.9	999.9	85.2	73.
49.3	126.0	14756.4	128.0	-62.5	99.9	242.0	46.6*	41.2	21.9	379.3	999.9	99.9	999.9	86.7	73.
49.8	127.0	14853.5	126.0	-63.0	99.9	242.5	49.5*	43.9	22.8	380.0	999.9	99.9	999.9	88.3	73.
50.3	128.0	15001.6	123.0	-63.6	99.9	243.5	48.9*	43.8	21.8	381.6	999.9	99.9	999.9	89.8	73.
50.7	129.0	15153.0	120.0	-64.1	99.9	244.8	47.3*	42.7	20.2	383.3	999.9	99.9	999.9	90.9	73.
51.2	130.0	15307.9	117.0	-64.5	99.9	247.1	45.0	41.5	17.5	385.4	999.9	99.9	999.9	92.3	73.
51.6	131.0	15466.3	114.0	-65.3	99.9	999.9	99.9	99.9	99.9	386.8	999.9	99.9	999.9	999.9	999.
52.3	132.0	15628.5	111.0	-65.9	99.9	999.9	99.9	99.9	99.9	388.7	999.9	99.9	999.9	999.9	999.
52.7	133.0	15794.6	108.0	-66.3	99.9	999.9	99.9	99.9	99.9	391.0	999.9	99.9	999.9	999.9	999.
53.2	134.0	15965.0	105.0	-67.1	99.9	999.9	99.9	99.9	99.9	392.6	999.9	99.9	999.9	999.9	999.

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
515 GMT

137 83. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	PH PCT	RANGE KM	AZ DG
0.0	3.7	5.0	1016.1	11.1	8.3	10.0	5.1	-0.9	-5.0	283.8	301.2	6.8	83.0	0.0	0.
0.1	4.0	38.8	1012.0	11.5	7.9	357.7	10.4	0.4	-10.4	284.6	301.7	6.6	78.4	0.2	174.
0.4	5.0	130.2	1001.0	11.0	7.9	357.7	10.4	0.4	-10.4	284.9	302.2	6.7	81.4	0.2	174.
0.7	6.0	247.8	987.0	10.4	8.3	358.5	9.7	0.3	-9.7	285.5	303.5	7.0	86.8	0.3	175.
1.1	7.0	349.9	975.0	10.4	8.9	0.4	8.2	-0.1	-8.2	286.6	305.6	7.4	90.3	0.6	177.
1.5	8.0	444.6	964.0	10.8	9.4	3.3	5.7	-0.3	-5.7	287.9	307.9	7.7	91.2	0.8	178.
1.8	9.0	540.6	953.0	11.9	7.3	6.3	3.1	-0.3	-3.0	289.9	307.7	6.8	73.6	0.8	179.
2.1	10.0	638.1	942.0	12.3	7.8	15.0	0.7	-0.2	-0.7	291.3	309.9	7.1	73.8	0.9	179.
2.6	11.0	754.7	929.0	11.9	7.4	200.9	2.1	0.7	1.9	292.1	310.6	7.0	73.8	0.8	179.
2.9	12.0	854.3	918.0	11.0	5.7	210.6	3.2	1.6	2.8	292.0	308.7	6.3	69.7	0.8	177.
3.2	13.0	945.8	908.0	10.6	4.1	211.5	4.6	2.4	3.9	292.4	307.7	5.7	64.1	0.7	174.
3.6	14.0	1047.3	897.0	9.9	3.7	213.7	6.2	3.5	5.2	292.7	307.7	5.6	65.7	0.6	167.
3.9	15.0	1149.8	886.0	9.5	1.0	222.0	6.9	4.6	5.1	293.2	305.9	4.6	55.2	0.5	158.
4.4	16.0	1272.5	873.0	9.5	-5.4	239.4	7.6	6.6	3.9	294.2	302.5	2.9	34.4	0.5	134.
4.7	17.0	1367.9	863.0	8.9	-7.0	248.7	8.1	7.6	3.0	294.6	302.0	2.6	31.6	0.6	121.
5.1	18.0	1473.9	852.0	8.0	-7.5	259.8	8.7	8.6	1.5	294.7	302.0	2.6	32.3	0.7	109.
5.4	19.0	1581.1	841.0	8.0	-8.4	268.6	9.0	9.0	0.2	295.8	302.7	2.4	30.1	0.9	105.
5.8	20.0	1679.6	831.0	7.3	-9.7	273.8	9.5	9.5	-0.6	296.0	302.4	2.2	28.6	1.1	103.
6.2	21.0	1799.2	819.0	7.1	-11.4	270.9	10.3	10.3	-0.2	277.0	302.7	1.9	25.2	1.3	101.
6.6	22.0	1900.1	809.0	6.6	-12.5	263.2	11.5	11.4	1.4	297.5	302.8	1.8	23.9	1.6	99.
7.0	23.0	2012.3	798.0	6.1	-8.9	257.0	13.1	12.8	2.9	298.1	305.2	2.4	33.0	1.9	96.
7.3	24.0	2115.5	788.0	5.4	-6.0	254.6	14.5	14.0	3.8	298.6	307.5	3.1	43.7	2.1	94.
7.7	25.0	2209.3	779.0	4.9	-7.3	252.4	16.3	15.6	4.9	299.0	307.1	2.8	40.8	2.4	90.
8.1	26.0	2346.6	766.0	5.0	-8.2	250.6	18.0	17.0	6.0	300.6	308.4	2.7	37.8	2.8	88.
8.5	27.0	2453.9	756.0	5.0	-7.4	248.4	19.4	18.0	7.1	301.7	310.2	2.9	40.0	3.3	86.
8.9	28.0	2551.5	747.0	4.3	-8.4	245.5	20.0	18.2	8.3	302.0	309.9	2.7	38.9	3.8	83.
9.1	29.0	2661.0	737.0	3.5	-8.9	244.5	20.2	18.3	8.7	302.2	310.0	2.6	39.7	4.0	82.
9.5	30.0	2760.5	728.0	2.2	-6.4	243.2	20.5	18.3	9.2	301.9	311.3	3.3	52.9	4.5	80.
9.9	31.0	2872.2	718.0	1.8	-5.6	244.7	20.8	18.8	8.9	302.7	312.9	3.5	57.8	4.9	78.
10.3	32.0	2973.8	709.0	0.7	-7.3	247.3	21.2	19.6	8.2	302.5	311.6	3.1	54.8	5.4	77.
10.6	33.0	3087.8	699.0	-0.1	-4.5	249.7	21.5	20.1	7.5	303.0	314.2	3.9	72.2	5.8	76.
10.9	34.0	3191.5	690.0	-0.9	-10.3	252.1	21.6	20.5	6.6	303.0	310.5	2.5	48.9	6.2	76.
11.3	35.0	3308.0	680.0	-1.4	-9.9	254.5	21.7	20.9	5.8	303.8	311.6	2.7	52.4	6.7	76.
11.7	36.0	3437.7	669.0	-2.8	-10.7	255.7	21.9	21.2	5.4	303.6	311.1	2.5	54.6	7.2	76.
12.1	37.0	3544.9	660.0	-4.1	-6.8	255.9	22.4	21.7	5.4	303.5	313.6	3.5	81.3	7.8	76.
12.4	38.0	3653.2	651.0	-4.8	-9.2	255.8	23.0	22.3	5.7	303.7	312.3	2.9	71.4	8.2	76.
12.8	39.0	3750.4	643.0	-5.4	-6.5	256.3	24.0	23.3	5.7	304.2	314.8	3.7	92.1	8.7	76.
13.1	40.0	3861.2	634.0	-5.6	-10.4	257.0	24.9	24.2	5.6	305.1	313.2	2.7	68.6	9.2	76.
13.5	41.0	3998.5	623.0	-5.6	-21.1	258.6	26.1	25.6	5.2	306.5	310.0	1.1	28.1	9.8	76.
13.9	42.0	4112.6	614.0	-5.9	-17.5	259.5	26.9	26.5	4.9	307.5	312.3	1.6	39.2	10.4	76.
14.2	43.0	4215.3	606.0	-5.9	-17.6	259.5	27.3	26.8	5.0	308.6	313.5	1.6	38.7	10.9	76.
14.6	44.0	4332.4	597.0	-6.8	-18.5	259.0	27.5	27.0	5.3	308.9	313.5	1.5	38.7	11.6	77.
15.0	45.0	4437.6	589.0	-7.5	-19.1	258.2	27.8	27.2	5.7	309.2	313.7	1.4	38.7	12.2	77.
15.4	46.0	4543.9	581.0	-8.6	-20.2	258.0	28.1	27.5	5.8	309.2	313.3	1.3	38.4	12.9	77.
15.7	47.0	4664.9	572.0	-8.8	-21.8	258.2	28.2	27.6	5.8	310.2	313.9	1.2	33.9	13.4	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
515 GMT

137 83. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.1	48.0	4772.8	564.0	-9.9	-22.3	258.6	28.1	27.5	5.5	310.3	313.9	1.1	35.4	14.1	77.
16.5	49.0	4883.9	556.0	-10.4	-22.0	259.2	27.8	27.3	5.2	310.8	314.6	1.2	37.8	14.8	77.
16.9	50.0	4995.3	548.0	-11.4	-22.7	259.3	27.4	26.9	5.1	310.9	314.5	1.1	38.8	15.5	77.
17.4	51.0	5136.4	538.0	-12.0	-23.0	259.3	27.3	26.8	5.1	311.9	315.5	1.1	39.2	16.2	77.
17.8	52.0	5250.9	530.0	-13.1	-24.4	259.9	27.5	27.1	4.8	311.9	315.1	1.0	38.0	16.9	77.
18.2	53.0	5366.5	522.0	-14.1	-24.2	261.3	27.9	27.6	4.2	312.0	315.4	1.0	41.9	17.6	77.
18.6	54.0	5483.6	514.0	-15.1	-24.5	263.2	28.4	28.2	3.3	312.2	315.5	1.0	44.1	18.2	77.
19.1	55.0	5602.0	506.0	-15.9	-27.2	265.7	29.3	29.2	2.2	312.6	315.2	0.8	36.9	19.1	78.
19.5	56.0	5737.3	497.0	-15.9	-29.5	267.2	30.2	30.2	1.5	314.2	316.4	0.7	29.7	19.7	78.
19.9	57.0	5859.5	489.0	-16.3	-31.3	267.7	31.3	31.3	1.2	315.1	317.1	0.6	26.1	20.6	79.
20.3	58.0	5967.8	482.0	-17.3	-31.7	267.6	32.0	32.0	1.4	315.3	317.1	0.6	27.2	21.2	79.
20.7	59.0	6077.3	475.0	-18.1	-33.1	265.9	32.0	31.9	1.7	315.6	317.2	0.5	25.4	22.0	79.
21.0	60.0	6204.1	467.0	-18.7	-33.6	266.3	31.5	31.5	2.0	316.4	318.1	0.5	25.4	22.8	79.
21.4	61.0	6316.4	460.0	-19.9	-34.6	264.9	31.1	31.0	2.8	316.3	317.8	0.4	25.4	23.3	80.
21.8	62.0	6446.5	452.0	-20.4	-34.8	263.2	31.6	31.4	3.8	317.2	318.7	0.4	26.2	24.0	80.
22.2	63.0	6561.8	445.0	-21.5	-35.7	261.6	32.4	32.1	4.7	317.2	318.6	0.4	26.3	24.9	80.
22.5	64.0	6678.4	438.0	-22.7	-36.2	260.6	33.0	32.6	5.4	317.2	318.5	0.4	27.8	25.6	80.
23.0	65.0	6796.4	431.0	-24.0	-37.0	259.5	34.0	33.4	6.2	316.9	318.2	0.4	28.8	26.4	80.
23.4	66.0	6932.8	423.0	-25.2	-37.7	259.0	34.5	33.8	6.6	317.1	318.3	0.3	29.9	27.2	80.
23.8	67.0	7053.9	416.0	-25.7	-38.1	258.5	33.8	33.1	6.7	317.9	319.1	0.3	29.9	28.2	80.
24.1	68.0	7176.6	409.0	-26.8	-38.9	258.1	33.0	32.3	6.8	318.1	319.2	0.3	30.5	28.9	80.
24.6	69.0	7283.0	403.0	-28.1	-40.1	257.3	32.0	31.2	7.0	317.8	318.8	0.3	30.2	29.6	80.
24.9	70.0	7408.5	396.0	-29.3	-40.9	256.6	32.7	31.8	7.6	317.8	318.8	0.3	31.2	30.2	80.
25.4	71.0	7554.1	388.0	-30.2	-41.5	255.3	34.8	33.6	8.8	318.5	319.4	0.3	31.8	31.2	80.
25.8	72.0	7683.3	381.0	-31.5	-41.6	254.3	35.6	34.3	9.7	318.4	319.3	0.3	35.7	32.1	79.
26.2	73.0	7795.4	375.0	-32.4	-40.7	253.4	35.6	34.1	10.2	318.6	319.6	0.3	42.9	33.0	79.
26.6	74.0	7909.0	369.0	-33.4	-40.8	252.7	35.3	33.7	10.5	318.9	319.9	0.3	46.6	33.9	79.
27.0	75.0	8043.2	362.0	-34.5	-40.5	252.3	35.7	34.0	10.9	319.0	320.1	0.3	54.3	34.6	79.
27.3	76.0	8159.7	356.0	-35.9	-40.9	252.0	36.7	34.9	11.3	318.8	319.8	0.3	59.3	35.2	79.
27.8	77.0	8277.6	350.0	-36.9	-41.2	251.4	36.7	34.8	11.7	318.9	319.9	0.3	63.8	36.5	79.
28.2	78.0	8396.9	344.0	-38.1	-41.8	251.0	34.8	32.9	11.3	318.8	319.8	0.3	67.8	37.4	78.
28.6	79.0	8517.8	338.0	-39.4	-43.2	251.1	32.8	31.0	10.6	318.8	319.7	0.2	66.6	38.1	78.
29.0	80.0	8640.3	332.0	-40.0	99.9	252.1	32.9	31.3	10.1	319.6	999.9	99.9	999.9	38.7	78.
29.4	81.0	8785.4	325.0	-41.3	99.9	253.3	36.2	34.7	10.4	319.8	999.9	99.9	999.9	39.5	78.
29.9	82.0	8911.6	319.0	-42.6	99.9	252.8	38.2	36.7	10.7	319.6	999.9	99.9	999.9	40.8	78.
30.3	83.0	9039.5	313.0	-43.7	99.9	253.9	36.0	34.6	10.0	319.8	999.9	99.9	999.9	41.9	78.
30.7	84.0	9169.2	307.0	-44.9	99.9	254.9	32.5	31.4	8.5	320.0	999.9	99.9	999.9	42.7	78.
31.1	85.0	9278.7	302.0	-46.3	99.9	257.6	30.2	29.5	6.5	319.5	999.9	99.9	999.9	43.2	78.
31.6	86.0	9434.3	295.0	-46.9	99.9	261.8	32.7	32.4	4.6	320.9	999.9	99.9	999.9	44.0	78.
32.0	87.0	9570.1	289.0	-48.2	99.9	263.4	37.8	37.6	4.4	320.9	999.9	99.9	999.9	45.0	78.
32.4	88.0	9684.9	284.0	-49.0	99.9	262.6	42.5	42.1	5.5	321.2	999.9	99.9	999.9	45.8	78.
32.9	89.0	9801.3	279.0	-49.8	99.9	261.5	43.0	42.5	6.4	321.8	999.9	99.9	999.9	47.4	78.
33.3	90.0	9943.2	273.0	-51.0	99.9	261.3	38.8	38.3	5.9	322.1	999.9	99.9	999.9	48.5	78.
33.7	91.0	10063.2	268.0	-51.7	99.9	261.8	34.6	34.2	4.9	322.7	999.9	99.9	999.9	49.3	78.
34.1	92.0	10185.1	263.0	-52.8	99.9	262.6	33.5	33.2	4.3	322.8	999.9	99.9	999.9	49.9	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
515 GMT

137 83. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR. DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.5	93.0	10308.7	258.0	-53.9	99.9	262.7	37.8	37.5	4.8	323.0	999.9	99.9	999.9	50.5	78.
35.1	94.0	10434.1	253.0	-54.5	99.9	261.6	47.5	47.0	6.9	323.9	999.9	99.9	999.9	52.2	78.
35.5	95.0	10561.6	248.0	-55.8	99.9	260.6	50.5	49.8	8.2	323.8	999.9	99.9	999.9	53.5	78.
36.1	96.0	10717.1	242.0	-56.8	99.9	258.5	44.9	44.0	9.0	324.6	999.9	99.9	999.9	55.4	79.
36.5	97.0	10849.4	237.0	-56.8	99.9	257.7	38.7	37.8	8.2	326.6	999.9	99.9	999.9	56.5	78.
36.9	98.0	10984.7	232.0	-56.3	99.9	260.9	34.0	33.6	5.4	329.3	999.9	99.9	999.9	57.2	78.
37.2	99.0	11095.2	228.0	-56.2	99.9	264.7	33.0	32.9	3.0	331.2	999.9	99.9	999.9	57.7	78.
37.6	100.0	11236.1	223.0	-56.3	99.9	269.2	34.3	34.3	0.5	333.1	999.9	99.9	999.9	58.4	79.
38.1	101.0	11380.0	218.0	-56.6	99.9	269.6	38.1	38.1	0.3	334.7	999.9	99.9	999.9	59.4	79.
38.4	102.0	11527.4	213.0	-55.8	99.9	267.4	39.1	39.0	1.7	338.2	999.9	99.9	999.9	60.4	79.
38.7	103.0	11648.1	209.0	-55.8	99.9	264.5	38.9	38.7	3.7	340.1	999.9	99.9	999.9	61.1	79.
39.1	104.0	11802.0	204.0	-56.5	99.9	259.7	38.5	37.9	6.9	341.4	999.9	99.9	999.9	61.9	79.
39.4	105.0	11927.4	200.0	-57.5	99.9	255.9	39.5	38.3	9.7	341.8	999.9	99.9	999.9	62.5	79.
39.9	106.0	12054.8	196.0	-58.0	99.9	250.9	43.4	41.0	14.2	342.9	999.9	99.9	999.9	63.7	79.
40.3	107.0	12184.4	192.0	-59.3	99.9	247.9	45.0	41.7	17.0	342.8	999.9	99.9	999.9	64.9	79.
40.6	108.0	12315.9	186.0	-60.4	99.9	246.0	45.0	41.1	18.3	343.2	999.9	99.9	999.9	65.8	79.
41.1	109.0	12449.7	184.0	-61.1	99.9	244.2	42.2	38.4	18.4	344.1	999.9	99.9	999.9	67.1	78.
41.5	110.0	12586.2	180.0	-61.1	99.9	245.1	40.1	36.4	16.9	346.3	999.9	99.9	999.9	67.8	78.
42.1	111.0	12762.2	175.0	-58.7	99.9	248.7	39.1*	36.4	14.2	353.1	999.9	99.9	999.9	69.4	78.
42.5	112.0	12907.6	171.0	-58.2	99.9	250.1	38.5*	36.2	13.1	356.3	999.9	99.9	999.9	70.1	78.
43.0	113.0	13056.9	167.0	-57.6	99.9	250.6	38.6*	36.4	12.8	359.6	999.9	99.9	999.9	71.6	78.
43.5	114.0	13171.2	164.0	-58.2	99.9	250.9	42.0*	39.7	13.7	360.6	999.9	99.9	999.9	72.2	78.
43.9	115.0	13326.6	160.0	-58.3	99.9	251.1	44.4*	42.0	14.4	362.9	999.9	99.9	999.9	73.5	78.
44.5	116.0	13526.0	155.0	-59.2	99.9	252.0	45.0*	42.8	13.9	364.7	999.9	99.9	999.9	75.5	77.
45.0	117.0	13648.4	152.0	-59.7	99.9	253.7	47.6*	45.7	13.4	365.9	999.9	99.9	999.9	76.2	77.
45.4	118.0	13814.8	148.0	-60.4	99.9	254.4	50.7*	48.8	13.6	367.5	999.9	99.9	999.9	77.6	77.
46.0	119.0	13942.2	145.0	-61.1	99.9	254.3	47.6*	45.8	12.9	368.4	999.9	99.9	999.9	80.1	77.
46.4	120.0	14071.9	142.0	-61.6	99.9	253.1	42.1*	40.3	12.2	369.6	999.9	99.9	999.9	80.8	77.
47.0	121.0	14248.7	138.0	-62.2	99.9	251.2	39.5*	37.3	12.7	371.7	999.9	99.9	999.9	81.8	77.
47.3	122.0	14384.3	135.0	-62.9	99.9	250.7	40.6*	38.3	13.4	372.7	999.9	99.9	999.9	82.9	77.
48.0	123.0	14527.0	132.0	-64.8	99.9	250.2	42.2*	39.7	14.3	371.8	999.9	99.9	999.9	84.1	77.
48.4	124.0	14710.2	128.0	-63.9	99.9	249.8	40.5*	38.0	14.0	376.8	999.9	99.9	999.9	85.8	77.
49.0	125.0	14855.5	125.0	-64.3	99.9	248.5	35.4*	32.9	13.0	378.7	999.9	99.9	999.9	86.9	77.
49.5	126.0	15054.2	121.0	-64.8	99.9	247.1	31.9*	29.3	12.4	381.1	999.9	99.9	999.9	88.0	77.
50.0	127.0	15206.7	118.0	-66.8	99.9	245.0	30.7*	27.8	13.0	380.2	999.9	99.9	999.9	88.8	76.
50.5	128.0	15362.6	115.0	-66.2	99.9	242.0	31.0*	27.4	14.6	384.2	999.9	99.9	999.9	89.7	76.
51.0	129.0	15521.7	112.0	-68.9	99.9	240.8	31.7*	27.7	15.5	382.0	999.9	99.9	999.9	90.6	76.
51.3	130.0	15630.1	110.0	-66.8	99.9	243.1	32.2*	28.7	14.6	387.9	999.9	99.9	999.9	91.2	76.
52.0	131.0	15854.0	106.0	-66.8	99.9	253.2	36.5*	34.9	10.5	392.1	999.9	99.9	999.9	92.4	76.
52.5	132.0	16027.5	103.0	-66.8	99.9	260.5	42.4*	41.8	7.0	395.3	999.9	99.9	999.9	93.4	76.
53.0	133.0	16205.2	100.0	-68.9	99.9	264.4	42.1*	41.9	4.1	394.6	999.9	99.9	999.9	95.4	76.
53.5	134.0	16388.4	97.0	-66.8	99.9	266.3	35.7*	35.7	2.3	402.1	999.9	99.9	999.9	96.4	76.
54.0	135.0	16514.3	95.0	-66.8	99.9	265.6	34.9*	34.8	2.7	404.5	999.9	99.9	999.9	97.1	76.
54.7	136.0	16708.2	92.0	-67.0	99.9	261.4	52.6	52.0	7.8	407.9	999.9	99.9	999.9	98.6	76.
55.5	137.0	16976.0	88.0	-67.8	99.9	999.9	99.9	99.9	99.9	411.4	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
515 GMT

137 83. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
56.2	138.0	17185.2	85.0	-66.8	99.9	999.9	99.9	99.9	99.9	417.6	999.9	99.9	999.9	999.9	999.
56.9	139.0	17329.8	83.0	-64.8	99.9	999.9	99.9	99.9	99.9	424.5	999.9	99.9	999.9	999.9	999.

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1115 GMT

140 65. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.6	5.0	1017.4	8.9	7.4	340.0	8.2	2.8	-7.7	281.5	297.6	6.4	90.0	0.0	0.
0.1	4.0	49.2	1012.0	9.8	5.6	344.7	10.0	2.6	-9.6	282.7	297.3	5.7	75.2	0.4	160.
0.5	5.0	147.9	1000.0	7.3	4.5	344.7	10.0	2.6	-9.6	281.1	294.7	5.3	82.7	0.4	160.
1.0	6.0	263.9	986.0	6.1	5.2	343.1	11.6	3.4	-11.1	281.1	295.5	5.7	94.4	0.7	162.
1.4	7.0	364.1	974.0	4.8	4.4	341.8	11.6	3.6	-11.0	280.8	294.6	5.4	96.6	1.0	162.
1.7	8.0	456.8	963.0	4.3	3.9	341.2	10.8	3.5	-10.2	281.2	294.7	5.3	97.1	1.2	162.
2.1	9.0	550.3	952.0	3.3	2.8	337.8	9.0	3.4	-8.4	281.0	293.7	4.9	96.6	1.5	162.
2.5	10.0	644.7	941.0	3.0	2.5	322.4	7.4	4.5	-5.8	281.6	294.2	4.9	96.9	1.7	162.
2.9	11.0	767.1	927.0	6.4	6.1	281.6	6.0	5.8	-1.2	286.5	303.1	6.4	97.9	1.8	158.
3.3	12.0	865.5	916.0	7.8	7.5	262.4	7.4	7.3	1.0	289.0	307.7	7.1	97.9	1.8	153.
3.6	13.0	956.0	906.0	6.8	2.7	259.8	8.4	8.3	1.5	288.6	302.2	5.1	75.2	1.9	149.
4.0	14.0	1056.2	895.0	5.9	-0.7	264.6	9.0	9.0	0.9	288.5	299.5	4.1	62.6	2.0	143.
4.5	15.0	1157.4	884.0	5.4	-5.9	270.8	9.3	9.3	-0.1	288.9	296.6	2.8	44.1	2.1	137.
4.9	16.0	1278.2	871.0	4.7	-47.1	270.8	10.0	10.0	-0.1	289.0	289.2	0.1	1.0	2.3	133.
5.3	17.0	1381.9	860.0	6.1	-46.2	266.0	10.2	10.2	0.7	291.5	291.8	0.1	1.0	2.5	129.
5.7	18.0	1487.3	849.0	6.6	-45.9	262.3	10.3	10.2	1.4	293.1	293.4	0.1	1.0	2.7	125.
6.1	19.0	1584.4	839.0	6.6	-32.9	261.6	10.6	10.5	1.6	294.2	295.1	0.3	3.9	2.8	122.
6.5	20.0	1682.5	829.0	5.9	-33.2	262.1	12.2	12.0	1.7	294.4	295.3	0.3	4.0	3.0	119.
6.9	21.0	1811.7	816.0	5.7	-33.3	258.3	14.8	14.5	3.0	295.6	296.5	0.3	4.0	3.3	115.
7.3	22.0	1912.4	806.0	5.5	-19.7	254.3	16.0	15.4	4.3	296.5	299.6	1.0	14.1	3.6	111.
7.6	23.0	2024.4	795.0	4.5	-20.4	253.3	16.5	15.8	4.8	296.6	299.5	0.9	14.2	3.8	109.
8.0	24.0	2127.3	785.0	4.0	-17.0	256.8	17.1	16.6	3.9	297.2	301.0	1.3	15.8	4.2	105.
8.4	25.0	2231.3	775.0	3.0	-14.6	259.7	17.6	17.2	3.5	297.2	301.9	1.6	26.0	4.6	103.
8.8	26.0	2368.2	762.0	2.5	-13.0	260.2	17.8	17.5	3.0	298.1	303.6	1.8	30.7	5.0	101.
9.2	27.0	2474.7	752.0	1.0	-12.6	261.7	17.6	17.4	2.6	297.7	303.3	1.9	35.3	5.4	99.
9.6	28.0	2582.1	742.0	0.4	-16.1	263.4	17.2	17.1	2.0	298.0	302.4	1.5	27.7	5.8	98.
10.0	29.0	2679.8	733.0	-0.6	-25.5	265.7	16.8	16.8	1.3	297.9	300.0	0.7	13.1	6.2	97.
10.4	30.0	2789.3	723.0	-1.7	-22.1	267.5	16.9	16.9	0.7	297.9	300.7	0.9	19.2	6.6	97.
10.8	31.0	2888.8	714.0	-2.2	-19.7	268.1	17.4	17.4	0.5	298.5	301.9	1.1	24.6	7.0	96.
11.3	32.0	3000.6	704.0	-3.3	-17.0	267.0	18.2	18.2	1.0	298.5	302.8	1.4	33.7	7.5	96.
11.7	33.0	3102.4	695.0	-3.6	-19.5	264.7	18.7	18.6	1.7	299.3	302.8	1.2	27.8	7.9	95.
12.1	34.0	3216.8	685.0	-4.0	-28.4	261.5	19.0	18.8	2.8	299.9	301.6	0.5	12.9	8.4	95.
12.5	35.0	3320.9	676.0	-5.1	-23.6	257.9	19.2	18.8	4.0	299.9	302.5	0.9	21.7	8.9	94.
13.0	36.0	3449.6	665.0	-5.6	-20.2	255.7	19.9	19.3	4.9	300.8	304.4	1.2	30.4	9.3	93.
13.4	37.0	3568.4	655.0	-5.7	-22.7	256.7	21.2	20.6	4.9	301.9	304.9	0.9	24.7	9.8	92.
13.9	38.0	3664.6	647.0	-6.5	-23.7	258.9	23.0	22.5	4.4	302.1	304.9	0.9	23.9	10.4	91.
14.3	39.0	3786.4	637.0	-6.2	-23.4	259.8	24.2	23.8	4.3	303.8	306.7	0.9	23.9	11.0	90.
14.8	40.0	3885.3	629.0	-6.0	-26.4	259.1	25.4	24.9	4.8	305.1	307.3	0.7	18.1	11.8	90.
15.3	41.0	4023.5	618.0	-5.9	-30.2	257.0	26.1	25.4	5.9	306.8	308.4	0.5	12.5	12.6	89.
15.9	42.0	4138.2	609.0	-6.5	-28.3	255.3	26.4	25.5	6.7	307.4	309.4	0.6	15.7	13.5	88.
16.3	43.0	4254.4	600.0	-7.2	-27.6	255.2	26.5	25.6	6.8	307.8	310.0	0.7	17.7	14.1	88.
16.7	44.0	4372.0	591.0	-8.2	-26.2	255.4	26.6	25.8	6.7	308.0	310.4	0.8	21.9	14.7	87.
17.1	45.0	4477.5	583.0	-9.4	-26.7	255.6	26.9	26.0	6.7	307.8	310.2	0.7	22.8	15.4	87.
17.6	46.0	4597.6	574.0	-10.1	-26.7	255.9	27.1	26.3	6.6	308.3	310.7	0.7	24.1	16.1	86.
18.0	47.0	4705.6	566.0	-10.8	-27.9	256.6	27.1	26.4	6.3	308.7	310.9	0.7	22.9	16.8	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1115 GMT

140 65. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.4	48.0	4814.9	558.0	-11.6	-21.9	257.8	27.3	26.7	5.7	309.2	312.9	1.2	41.7	17.4	85.
18.9	49.0	4939.4	549.0	-12.3	-27.1	259.4	28.1	27.6	5.2	309.7	312.2	0.7	27.7	18.2	85.
19.3	50.0	5051.5	541.0	-12.7	-31.7	259.8	28.8	28.4	5.1	310.5	312.2	0.5	18.6	18.9	85.
19.9	51.0	5193.9	531.0	-12.6	-36.8	259.4	30.0	29.5	5.5	312.3	313.4	0.3	11.0	20.0	85.
20.3	52.0	5309.6	523.0	-13.4	-37.4	259.5	30.7	30.2	5.6	312.6	313.7	0.3	11.1	20.7	84.
20.7	53.0	5426.7	515.0	-14.4	-40.2	259.9	31.2	30.7	5.5	312.8	313.6	0.2	9.0	21.4	84.
21.1	54.0	5545.2	507.0	-15.2	-36.7	260.4	31.5	31.1	5.2	313.2	314.4	0.3	13.9	22.2	84.
21.5	55.0	5650.0	500.0	-16.3	-40.4	260.8	32.0	31.6	5.1	313.1	313.9	0.2	10.3	23.0	84.
22.1	56.0	5801.8	490.0	-17.1	-44.0	262.3	33.1	32.8	4.4	313.9	314.5	0.2	7.6	24.1	84.
22.6	57.0	5925.1	482.0	-18.0	-45.2	263.9	33.6	33.4	3.6	314.4	314.9	0.1	7.1	25.2	84.
23.0	58.0	6034.2	475.0	-18.9	-46.6	264.3	34.2	34.0	3.4	314.5	315.0	0.1	6.6	25.9	84.
23.4	59.0	6160.7	467.0	-19.2	-46.7	263.0	35.3	35.0	4.3	315.7	316.2	0.1	6.6	26.7	84.
23.8	60.0	6273.0	460.0	-19.3	-53.6	261.3	36.0	35.6	5.4	316.9	317.1	0.1	3.0	27.7	84.
24.3	61.0	6403.3	452.0	-20.0	-61.4	259.5	36.9	36.3	6.7	317.7	317.7	0.0	1.2	28.7	84.
24.6	62.0	6518.7	445.0	-21.2	-63.4	258.7	37.6	36.9	7.3	317.6	317.6	0.0	1.0	29.3	84.
25.1	63.0	6635.5	438.0	-22.1	-58.6	258.1	38.3	37.5	7.9	317.8	317.9	0.0	2.0	30.5	83.
25.5	64.0	6770.7	430.0	-23.5	-55.4	257.6	36.6	35.8	7.9	317.8	318.0	0.0	3.5	31.7	83.
25.9	65.0	6890.5	423.0	-24.5	-50.1	257.2	34.3	33.5	7.6	317.9	318.3	0.1	7.2	32.4	83.
26.5	66.0	7029.1	415.0	-26.0	-49.3	257.6	36.2	35.4	7.8	317.8	318.2	0.1	9.1	33.2	83.
27.0	67.0	7152.0	408.0	-27.2	-48.2	257.6	38.5	37.6	8.3	317.8	318.3	0.1	11.4	34.6	83.
27.4	68.0	7276.5	401.0	-28.2	-46.9	256.5	34.6	33.7	8.1	318.0	318.5	0.1	14.6	35.9	83.
27.9	69.0	7402.5	394.0	-29.4	-47.5	256.0	31.1	30.2	7.5	318.1	318.6	0.1	15.2	36.5	82.
28.4	70.0	7530.2	387.0	-30.7	-47.1	258.4	36.1	35.4	7.3	318.0	318.5	0.1	18.1	37.1	82.
28.9	71.0	7678.2	379.0	-31.8	-46.8	260.7	43.0	42.5	7.0	318.5	319.0	0.1	20.9	38.6	82.
29.5	72.0	7809.7	372.0	-32.8	-45.4	261.9	39.3	38.9	5.5	318.8	319.4	0.2	27.0	40.6	82.
29.9	73.0	7923.9	366.0	-34.0	-45.1	262.2	30.4	30.1	4.1	318.7	319.4	0.2	31.1	41.4	82.
30.5	74.0	8039.5	360.0	-35.0	-46.7	263.2	26.2	26.0	3.1	319.0	319.5	0.2	28.7	41.7	82.
30.9	75.0	8176.2	353.0	-36.0	-47.9	264.0	34.7	34.5	3.6	319.3	319.8	0.1	27.8	42.4	82.
31.4	76.0	8295.0	347.0	-37.0	-48.8	264.7	46.2*	46.0	4.3	319.6	320.1	0.1	27.5	43.7	82.
31.9	77.0	8435.7	340.0	-38.2	-50.0	265.5	48.9*	48.7	3.8	319.8	320.3	0.1	27.2	45.6	82.
32.5	78.0	8557.9	334.0	-39.4	-51.1	267.2	38.0*	37.9	1.9	319.8	320.2	0.1	27.3	47.4	82.
32.9	79.0	8681.7	328.0	-40.6	99.9	267.8	29.9*	29.8	1.1	319.9	999.9	99.9	999.9	48.1	83.
33.4	80.0	8807.3	322.0	-41.2	99.9	266.7	29.4*	29.3	1.7	320.8	999.9	99.9	999.9	48.4	83.
34.0	81.0	8956.2	315.0	-42.5	99.9	264.9	40.8*	40.6	3.7	320.9	999.9	99.9	999.9	49.6	83.
34.6	82.0	9085.8	309.0	-43.5	99.9	264.3	48.9*	48.7	4.3	321.3	999.9	99.9	999.9	51.5	83.
35.1	83.0	9217.3	303.0	-44.8	99.9	263.7	46.8*	46.5	5.1	321.3	999.9	99.9	999.9	53.2	83.
35.6	84.0	9351.0	297.0	-45.4	99.9	262.5	38.6*	38.2	5.0	322.4	999.9	99.9	999.9	54.5	83.
36.1	85.0	9486.8	291.0	-46.5	99.9	261.5	32.2*	31.9	4.8	322.6	999.9	99.9	999.9	55.6	83.
36.7	86.0	9624.7	285.0	-48.0	99.9	263.5	37.6*	37.3	4.3	322.5	999.9	99.9	999.9	56.1	83.
37.3	87.0	9764.6	279.0	-49.1	99.9	265.9	48.9*	48.7	3.5	322.7	999.9	99.9	999.9	58.0	83.
37.8	88.0	9883.0	274.0	-50.3	99.9	266.5	52.2*	52.1	3.1	322.7	999.9	99.9	999.9	59.6	83.
38.3	89.0	10027.3	268.0	-50.9	99.9	266.7	48.7*	48.6	2.8	323.8	999.9	99.9	999.9	61.4	83.
38.9	90.0	10149.5	263.0	-52.3	99.9	267.2	42.6*	42.5	2.1	323.6	999.9	99.9	999.9	62.7	83.
39.3	91.0	10273.4	258.0	-53.3	99.9	267.2	42.1*	42.0	2.0	324.0	999.9	99.9	999.9	63.8	83.
39.9	92.0	10424.6	252.0	-54.2	99.9	266.0	45.5*	45.4	3.2	324.7	999.9	99.9	999.9	65.0	83.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1115 GMT

140 65. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
40.4	93.0	10552.8	247.0	-55.2	99.9	265.3	47.5*	47.3	3.9	325.2	999.9	99.9	999.9	67.0	83.
40.9	94.0	10683.0	242.0	-56.5	99.9	266.6	46.5*	46.4	2.8	325.1	999.9	99.9	999.9	68.1	83.
41.3	95.0	10815.3	237.0	-57.3	99.9	269.1	45.6*	45.6	0.8	325.8	999.9	99.9	999.9	69.3	83.
41.8	96.0	10977.4	231.0	-57.3	99.9	272.5	46.1*	46.1	-2.0	328.2	999.9	99.9	999.9	70.6	84.
42.3	97.0	11115.5	226.0	-57.8	99.9	275.4	47.3*	47.1	-4.5	329.5	999.9	99.9	999.9	71.9	84.
42.8	98.0	11228.0	222.0	-58.7	99.9	278.1	47.4*	47.0	-6.7	329.9	999.9	99.9	999.9	73.6	84.
43.3	99.0	11370.8	217.0	-59.4	99.9	280.0	48.3*	47.5	-8.4	330.9	999.9	99.9	999.9	74.7	84.
43.9	100.0	11516.4	212.0	-60.6	99.9	280.5	50.5*	49.6	-9.2	331.2	999.9	99.9	999.9	76.4	85.
44.5	101.0	11695.6	206.0	-59.4	99.9	279.4	46.5*	45.9	-7.6	335.9	999.9	99.9	999.9	78.6	85.
44.9	102.0	11818.4	202.0	-59.4	99.9	276.0	40.2*	40.0	-4.2	337.8	999.9	99.9	999.9	79.3	85.
45.4	103.0	11943.7	198.0	-59.4	99.9	267.4	35.3*	35.2	1.6	339.7	999.9	99.9	999.9	80.3	85.
45.7	104.0	12103.6	193.0	-59.9	99.9	261.2	34.8*	34.4	5.3	341.4	999.9	99.9	999.9	80.9	85.
46.3	105.0	12234.4	189.0	-60.1	99.9	251.6	38.4*	36.5	12.1	343.1	999.9	99.9	999.9	82.2	85.
46.7	106.0	12401.5	184.0	-60.6	99.9	249.4	43.5*	40.8	15.3	344.9	999.9	99.9	999.9	83.0	85.
47.2	107.0	12538.3	180.0	-60.6	99.9	249.6	49.4*	46.3	17.3	347.1	999.9	99.9	999.9	84.3	85.
47.8	108.0	12678.2	176.0	-60.8	99.9	249.9	48.3*	45.4	16.6	349.0	999.9	99.9	999.9	86.5	84.
48.3	109.0	12821.2	172.0	-60.6	99.9	250.6	43.5*	41.1	14.4	351.6	999.9	99.9	999.9	87.8	84.
48.9	110.0	12968.0	168.0	-59.7	99.9	255.1	43.9*	42.4	11.3	355.5	999.9	99.9	999.9	88.8	84.
49.6	111.0	13157.3	163.0	-58.9	99.9	259.0	42.5*	41.7	8.1	360.0	999.9	99.9	999.9	91.2	84.
50.4	112.0	13313.5	159.0	-58.3	99.9	259.8	41.9*	41.2	7.4	363.5	999.9	99.9	999.9	92.3	84.
51.0	113.0	13433.3	156.0	-58.3	99.9	260.1	62.0*	61.1	10.6	365.5	999.9	99.9	999.9	94.0	84.
51.7	114.0	13596.8	152.0	-58.3	99.9	257.0	59.6*	58.1	13.4	368.2	999.9	99.9	999.9	97.9	84.
52.3	115.0	13764.4	148.0	-58.9	99.9	248.5	35.0*	32.5	12.8	370.1	999.9	99.9	999.9	99.7	83.
53.0	116.0	13936.2	144.0	-59.2	99.9	233.2	19.3*	15.5	11.6	372.4	999.9	99.9	999.9	99.6	83.
53.7	117.0	14112.4	140.0	-60.1	99.9	243.3	29.2*	26.0	13.1	373.9	999.9	99.9	999.9	100.8	83.
54.3	118.0	14247.3	137.0	-61.0	99.9	249.3	39.6*	37.0	14.0	374.7	999.9	99.9	999.9	101.8	83.
54.9	119.0	14431.1	133.0	-61.7	99.9	251.3	38.8*	36.7	12.5	376.5	999.9	99.9	999.9	104.0	83.
55.5	120.0	14572.1	130.0	-62.6	99.9	248.2	31.1*	28.9	11.5	377.4	999.9	99.9	999.9	105.2	82.
56.1	121.0	14715.8	127.0	-63.6	99.9	247.3	42.4*	39.1	16.3	378.2	999.9	99.9	999.9	105.2	82.
56.7	122.0	14911.8	123.0	-64.5	99.9	247.4	52.2*	48.2	20.1	379.9	999.9	99.9	999.9	108.0	82.
57.3	123.0	15062.2	120.0	-66.1	99.9	246.8	45.0*	41.4	17.7	379.7	999.9	99.9	999.9	109.8	82.
58.0	124.0	15215.6	117.0	-66.5	99.9	251.6	45.9*	43.6	14.5	381.7	999.9	99.9	999.9	110.9	81.
58.5	125.0	15372.4	114.0	-67.5	99.9	255.0	61.2*	59.1	15.8	382.6	999.9	99.9	999.9	112.0	81.
59.4	126.0	15587.7	110.0	-67.1	99.9	255.9	61.7*	59.8	15.0	387.4	999.9	99.9	999.9	116.3	81.
60.0	127.0	15754.3	107.0	-68.0	99.9	256.9	48.6*	47.4	11.0	388.8	999.9	99.9	999.9	118.9	81.
60.7	128.0	15925.0	104.0	-68.4	99.9	257.2	34.6*	33.7	7.7	391.2	999.9	99.9	999.9	120.1	81.
61.3	129.0	16100.5	101.0	-68.6	99.9	256.9	31.9*	31.1	7.2	394.1	999.9	99.9	999.9	121.2	81.
62.1	130.0	16220.6	99.0	-67.5	99.9	260.2	35.3*	34.7	6.0	398.4	999.9	99.9	999.9	122.6	81.
62.9	131.0	16469.0	95.0	-67.5	99.9	265.4	26.2*	26.1	2.1	403.1	999.9	99.9	999.9	124.2	81.
63.5	132.0	16661.9	92.0	-68.4	99.9	266.4	24.4*	24.3	1.5	405.2	999.9	99.9	999.9	125.3	81.
64.2	133.0	16793.8	90.0	-68.2	99.9	262.7	27.4*	27.2	3.5	408.2	999.9	99.9	999.9	126.3	81.
64.9	134.0	16997.1	87.0	-68.6	99.9	260.8	28.9*	28.6	4.6	411.3	999.9	99.9	999.9	127.5	81.
65.6	135.0	17136.2	85.0	-69.2	99.9	258.8	36.8*	36.1	7.1	412.7	999.9	99.9	999.9	128.6	81.
66.5	136.0	17350.9	82.0	-69.2	99.9	256.3	43.9*	42.7	10.4	417.0	999.9	99.9	999.9	131.7	81.
67.5	137.0	17574.2	79.0	-68.0	99.9	257.1	21.6*	21.1	4.8	424.1	999.9	99.9	999.9	133.3	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1115 GMT

140 65. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
68.4	138.0	17807.9	76.0	-66.1	99.9	269.2	15.6*	15.6	0.2	432.7	999.9	99.9	999.9	133.6	81.
69.2	139.0	18053.1	73.0	-64.5	99.9	266.8	30.4*	30.3	1.7	441.1	999.9	99.9	999.9	134.9	81.
70.0	140.0	18309.2	70.0	-65.1	99.9	999.9	99.9	99.9	99.9	445.1	999.9	99.9	999.9	999.9	999.
70.9	141.0	18485.3	68.0	-66.3	99.9	999.9	99.9	99.9	99.9	446.2	999.9	99.9	999.9	999.9	999.
71.8	142.0	18757.9	65.0	-67.5	99.9	999.9	99.9	99.9	99.9	449.3	999.9	99.9	999.9	999.9	999.

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1415 GMT

152 49. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.3	5.0	1019.8	4.3	0.5	350.0	7.2	1.3	-7.1	276.4	286.3	3.9	76.0	0.0	0.
0.2	4.0	92.0	1009.0	6.1	2.6	324.3	9.7	5.7	-7.9	279.1	290.9	4.6	78.5	0.2	176.
0.5	5.0	181.7	998.0	4.7	2.0	324.3	9.7	5.7	-7.9	278.6	289.9	4.4	82.4	0.2	176.
0.8	6.0	305.0	983.0	3.5	1.6	329.4	9.0	4.6	-7.7	278.6	289.8	4.4	87.2	0.4	163.
1.1	7.0	396.2	972.0	2.3	1.2	336.6	8.4	3.3	-7.7	278.3	289.3	4.3	92.2	0.6	159.
1.3	8.0	496.6	960.0	1.7	1.0	343.3	8.4	2.4	-8.0	278.6	289.6	4.3	95.1	0.6	160.
1.6	9.0	589.4	949.0	0.5	0.0	348.6	9.2	1.8	-9.0	278.3	288.7	4.0	96.3	0.8	161.
1.9	10.0	683.0	938.0	0.0	-2.3	345.3	11.8	3.0	-11.4	278.7	287.6	3.4	84.0	1.0	164.
2.3	11.0	804.4	924.0	3.5	-0.1	338.3	15.7	5.8	-14.5	293.5	294.4	4.1	77.5	1.3	163.
2.7	12.0	893.0	914.0	5.4	-3.3	332.1	17.7	8.3	-15.7	286.2	295.1	3.3	53.3	1.7	161.
3.0	13.0	1001.5	902.0	7.5	-3.1	327.1	17.8	9.7	-15.0	289.5	298.7	3.4	47.0	2.1	160.
3.3	14.0	1093.3	892.0	7.1	-3.6	322.0	15.7	9.7	-12.4	290.0	299.1	3.3	46.4	2.4	157.
3.7	15.0	1204.6	880.0	6.6	-4.1	315.2	13.2	9.3	-9.3	290.6	299.5	3.2	46.4	2.7	155.
4.2	16.0	1317.0	868.0	5.4	-5.3	305.1	11.1	9.1	-6.4	290.4	298.7	3.0	46.1	3.0	152.
4.6	17.0	1421.2	857.0	4.9	-5.7	293.1	10.8	10.0	-4.3	290.9	299.0	2.9	46.1	3.2	150.
4.9	18.0	1516.9	847.0	4.5	-6.7	281.8	11.3	11.1	-2.3	291.5	299.2	2.7	44.0	3.4	148.
5.3	19.0	1623.5	836.0	5.2	-9.7	269.2	12.2	12.2	0.2	293.3	299.5	2.2	33.1	3.6	144.
5.7	20.0	1721.7	826.0	5.4	-11.7	260.5	13.7	13.5	2.3	294.4	299.9	1.9	27.9	3.7	140.
6.1	21.0	1851.3	813.0	5.4	-13.9	255.4	15.5	15.0	3.9	295.7	300.5	1.6	23.3	3.9	135.
6.5	22.0	1952.4	803.0	5.4	-13.9	251.8	17.2	16.3	5.4	296.8	301.6	1.6	23.3	4.1	130.
6.9	23.0	2054.7	793.0	5.4	-8.8	253.9	17.7	17.0	4.9	297.9	305.1	2.5	35.1	4.3	125.
7.2	24.0	2158.3	783.0	4.9	-8.7	255.0	17.9	17.3	4.6	298.5	305.8	2.5	36.6	4.5	122.
7.5	25.0	2263.0	773.0	3.8	-8.0	255.9	18.1	17.5	4.4	298.5	306.3	2.7	41.7	4.8	119.
8.0	26.0	2389.8	761.0	2.5	-8.5	257.2	17.6	17.1	3.9	298.4	306.0	2.6	44.1	5.2	115.
8.3	27.0	2485.9	752.0	1.8	-7.8	258.3	17.2	16.8	3.5	298.7	306.8	2.8	48.7	5.5	113.
8.8	28.0	2593.6	742.0	0.5	-8.3	260.5	16.9	16.7	2.8	298.4	306.3	2.8	51.6	5.8	110.
9.1	29.0	2691.5	733.0	-0.1	-8.6	261.6	17.1	16.9	2.5	298.7	306.6	2.7	52.7	6.1	109.
9.5	30.0	2801.4	723.0	-0.9	-8.7	262.2	17.6	17.4	2.4	299.0	306.9	2.7	55.5	6.5	108.
9.9	31.0	2901.3	714.0	-1.4	-8.7	260.5	18.4	18.2	3.0	299.6	307.6	2.8	57.4	6.9	106.
10.3	32.0	3013.6	704.0	-2.4	-9.6	258.1	19.4	19.0	4.0	299.7	307.3	2.6	57.2	7.3	105.
10.7	33.0	3115.7	695.0	-2.7	-12.4	256.2	20.7	20.1	4.9	300.4	306.7	2.1	47.1	7.7	103.
11.1	34.0	3219.2	686.0	-2.0	-19.0	255.3	22.1	21.3	5.6	302.1	305.9	1.2	25.8	8.2	101.
11.4	35.0	3324.0	677.0	-2.8	-19.7	255.6	23.2	22.5	5.8	302.4	306.0	1.2	25.8	8.5	100.
12.0	36.0	3453.8	666.0	-2.8	-19.9	256.8	25.6	25.0	5.9	303.8	307.5	1.2	25.4	9.3	98.
12.3	37.0	3561.6	657.0	-3.1	-19.9	257.4	26.6	25.9	5.8	304.6	308.3	1.2	25.8	9.8	97.
12.8	38.0	3670.6	648.0	-3.7	-20.3	258.4	27.7	27.1	5.6	305.1	308.8	1.2	26.3	10.6	95.
13.1	39.0	3780.9	639.0	-4.4	-19.7	258.8	28.0	27.5	5.4	305.7	309.5	1.3	29.0	11.1	95.
13.5	40.0	3905.1	629.0	-5.0	-19.9	259.2	28.2	27.7	5.3	306.3	310.2	1.2	29.7	11.7	94.
14.0	41.0	4030.9	619.0	-5.7	-20.6	258.6	28.5	28.0	5.6	306.9	310.6	1.2	29.7	12.6	93.
14.4	42.0	4145.6	610.0	-6.0	-19.7	257.7	29.1	28.5	6.2	307.8	311.9	1.3	32.8	13.2	92.
14.8	43.0	4261.9	601.0	-6.8	-18.0	256.9	29.7	29.0	6.8	308.3	313.1	1.5	40.4	13.9	91.
15.2	44.0	4366.4	593.0	-7.4	-17.7	256.5	30.4	29.5	7.1	308.8	313.8	1.6	43.4	14.6	91.
15.6	45.0	4472.0	585.0	-8.6	-15.8	256.7	31.1	30.3	7.2	308.7	314.5	1.9	55.6	15.3	90.
16.0	46.0	4592.2	576.0	-9.0	-14.9	257.3	32.2	31.4	7.1	309.5	315.9	2.1	62.2	16.0	89.
16.4	47.0	4700.4	568.0	-10.0	-16.7	257.6	32.8	32.0	7.0	309.5	315.2	1.8	57.7	16.8	89.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1415 GMT

152 49. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.8	48.0	4809.8	560.0	-10.0	-18.6	257.7	33.1	32.4	7.0	310.8	315.7	1.6	49.1	17.6	88.
17.2	49.0	4920.7	552.0	-10.3	-23.4	258.0	33.4	32.7	7.0	311.6	315.0	1.0	33.1	18.4	88.
17.6	50.0	5033.1	544.0	-10.6	-25.4	259.5	33.8	33.1	6.8	312.6	315.5	0.9	28.4	19.1	87.
18.1	51.0	5175.7	534.0	-11.4	-27.5	259.4	34.0	33.4	6.2	313.2	315.7	0.7	25.0	20.2	87.
18.5	52.0	5291.2	526.0	-12.6	-27.9	260.1	33.9	33.4	5.8	313.2	315.6	0.7	26.2	21.0	87.
18.9	53.0	5408.0	518.0	-13.3	-28.5	260.6	33.9	33.5	5.6	313.7	316.0	0.7	26.2	21.8	86.
19.2	54.0	5526.3	510.0	-14.4	-28.3	261.0	34.0	33.6	5.3	313.7	316.2	0.7	29.5	22.4	86.
19.7	55.0	5631.0	503.0	-14.8	-29.1	261.7	34.0	33.6	4.9	314.5	316.7	0.7	28.1	23.5	86.
20.1	56.0	5782.7	493.0	-15.9	-30.8	262.4	33.9	33.6	4.5	314.9	316.9	0.6	26.3	24.2	86.
20.5	57.0	5890.4	486.0	-16.2	-31.0	262.8	34.1	33.8	4.3	315.9	317.8	0.6	26.4	25.0	86.
20.9	58.0	6015.1	478.0	-17.3	-31.8	261.9	34.0	33.7	4.8	316.0	317.9	0.5	26.8	25.9	86.
21.4	59.0	6125.5	471.0	-18.1	-31.6	260.4	33.6	33.1	5.6	316.3	318.3	0.6	29.3	27.0	86.
21.8	60.0	6253.4	463.0	-18.7	-32.6	259.6	34.6	34.0	6.3	317.2	319.0	0.5	27.9	27.7	85.
22.1	61.0	6366.9	456.0	-18.9	-33.4	259.3	36.0	35.4	6.7	318.2	320.0	0.5	26.5	28.2	85.
22.6	62.0	6481.9	449.0	-20.0	-34.3	259.2	38.8	38.1	7.2	318.3	319.9	0.5	26.5	29.3	85.
23.0	63.0	6598.3	442.0	-20.9	-35.0	259.3	38.6	37.9	7.2	318.5	320.1	0.4	26.9	30.6	85.
23.4	64.0	6716.1	435.0	-21.6	-36.4	259.7	36.6	36.0	6.5	319.1	320.5	0.4	24.7	31.4	85.
23.9	65.0	6835.4	428.0	-22.7	-38.1	260.4	36.7	36.2	6.1	319.3	320.4	0.3	22.8	32.2	85.
24.3	66.0	6973.4	420.0	-24.0	-40.3	260.9	38.1	37.6	6.1	319.3	320.2	0.3	20.3	33.2	84.
24.8	67.0	7095.9	413.0	-24.9	-40.9	261.5	37.4	37.0	5.5	319.6	320.5	0.3	20.8	34.5	84.
25.1	68.0	7219.9	406.0	-26.0	-41.8	262.2	35.5	35.2	4.8	319.8	320.7	0.2	20.9	35.2	84.
25.6	69.0	7345.6	399.0	-26.8	-43.0	264.2	37.4	32.2	3.3	320.4	321.1	0.2	19.6	36.2	84.
26.0	70.0	7454.7	393.0	-28.0	-45.3	265.9	34.0	33.9	2.4	320.2	320.8	0.2	17.0	36.7	84.
26.5	71.0	7620.8	384.0	-28.9	-45.2	266.7	42.1	42.0	2.4	321.1	321.8	0.2	18.9	37.5	84.
26.9	72.0	7733.4	378.0	-29.5	-49.6	266.6	44.9	44.9	2.6	321.7	322.1	0.1	12.1	39.2	84.
27.3	73.0	7866.5	371.0	-30.6	-52.5	266.3	42.5	42.4	2.7	322.0	322.3	0.1	9.5	40.3	84.
27.7	74.0	7982.0	365.0	-31.9	-53.9	265.7	37.7	37.6	2.8	321.8	322.0	0.1	9.1	41.2	84.
28.1	75.0	8098.8	359.0	-33.1	-54.8	264.8	33.4	33.2	3.0	321.7	321.9	0.1	9.2	42.0	84.
28.5	76.0	8217.1	353.0	-34.0	99.9	263.6	32.5	32.3	3.6	322.1	999.9	99.9	999.9	42.6	84.
29.1	77.0	8336.9	347.0	-35.2	99.9	261.8	40.0	39.6	5.7	322.1	999.9	99.9	999.9	43.8	84.
29.4	78.0	8458.3	341.0	-36.0	99.9	261.3	44.5	44.0	6.7	322.6	999.9	99.9	999.9	44.5	84.
30.0	79.0	8581.3	335.0	-37.2	99.9	261.3	48.1*	47.5	7.3	322.6	999.9	99.9	999.9	46.6	84.
30.4	80.0	8705.9	329.0	-38.3	99.9	261.8	44.3*	43.8	6.3	322.8	999.9	99.9	999.9	47.7	84.
30.9	81.0	8853.5	322.0	-39.5	99.9	263.0	36.8*	36.5	4.5	323.1	999.9	99.9	999.9	49.0	84.
31.2	82.0	8981.9	316.0	-40.6	99.9	264.5	32.9*	32.7	3.2	323.3	999.9	99.9	999.9	49.6	84.
31.7	83.0	9112.2	310.0	-41.7	99.9	268.2	30.6*	30.6	1.0	323.6	999.9	99.9	999.9	50.3	84.
32.1	84.0	9244.4	304.0	-42.6	99.9	271.2	33.6*	33.6	-0.7	324.1	999.9	99.9	999.9	50.8	84.
32.4	85.0	9356.1	299.0	-44.0	99.9	272.9	38.0*	38.0	-1.9	323.6	999.9	99.9	999.9	51.6	84.
33.0	86.0	9514.7	292.0	-45.0	99.9	275.6	46.3*	46.1	-4.5	324.4	999.9	99.9	999.9	53.1	85.
33.4	87.0	9630.0	287.0	-45.6	99.9	277.1	49.8*	49.4	-6.2	325.2	999.9	99.9	999.9	54.2	85.
33.9	88.0	9770.5	281.0	-46.6	99.9	278.9	51.0*	50.4	-7.9	325.8	999.9	99.9	999.9	56.0	85.
34.3	89.0	9889.4	276.0	-47.6	99.9	280.1	49.9*	49.1	-8.7	326.0	999.9	99.9	999.9	57.1	86.
34.9	90.0	10010.0	271.0	-48.3	99.9	280.4	48.3*	47.5	-8.7	326.6	999.9	99.9	999.9	58.6	86.
35.3	91.0	10132.4	266.0	-49.2	99.9	279.7	47.4*	46.7	-8.0	327.1	999.9	99.9	999.9	59.8	86.
35.6	92.0	10256.5	261.0	-50.7	99.9	279.0	46.7*	46.1	-7.3	326.7	999.9	99.9	999.9	60.8	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1415 GMT

152 49. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CO IP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
36.1	93.0	10382.3	256.0	-51.3	99.9	277.7	46.5*	46.1	-6.2	327.6	999.9	99.9	999.9	62.1	87.
36.6	94.0	10510.2	251.0	-52.5	99.9	276.3	49.9*	49.6	-5.5	327.6	999.9	99.9	999.9	63.1	87.
37.1	95.0	10639.9	246.0	-53.6	99.9	275.9	53.4*	53.1	-5.5	327.9	999.9	99.9	999.9	65.1	87.
37.7	96.0	10798.3	240.0	-54.5	99.9	275.9	53.0*	52.7	-5.4	328.8	999.9	99.9	999.9	66.9	87.
38.1	97.0	10933.0	235.0	-55.2	99.9	275.3	51.8*	51.6	-4.8	329.8	999.9	99.9	999.9	68.2	88.
38.7	98.0	11042.5	231.0	-55.5	99.9	274.9	50.5*	50.3	-4.3	331.0	999.9	99.9	999.9	69.9	88.
39.1	99.0	11181.7	226.0	-56.5	99.9	276.0	49.1*	48.8	-5.1	331.5	999.9	99.9	999.9	71.2	88.
39.7	100.0	11323.3	221.0	-57.6	99.9	279.0	47.3*	46.7	-7.4	331.9	999.9	99.9	999.9	72.9	88.
40.1	101.0	11467.5	216.0	-58.3	99.9	280.2	47.9*	47.1	-8.4	333.0	999.9	99.9	999.9	73.8	88.
40.7	102.0	11585.1	212.0	-58.3	99.9	280.0	47.7*	47.0	-8.3	334.8	999.9	99.9	999.9	75.7	89.
41.1	103.0	11735.4	207.0	-58.0	99.9	279.3	45.0*	44.4	-7.3	337.6	999.9	99.9	999.9	77.0	89.
41.5	104.0	11858.4	203.0	-58.2	99.9	277.9	41.8*	41.4	-5.8	339.2	999.9	99.9	999.9	77.8	89.
41.9	105.0	11983.5	199.0	-58.7	99.9	274.7	41.4*	41.3	-3.4	340.4	999.9	99.9	999.9	78.6	89.
42.4	106.0	12110.9	195.0	-59.3	99.9	268.9	41.7*	41.7	0.8	341.3	999.9	99.9	999.9	80.1	89.
42.9	107.0	12240.3	191.0	-60.6	99.9	261.7	42.7*	42.2	6.2	341.3	999.9	99.9	999.9	81.3	89.
43.2	108.0	12405.5	186.0	-60.6	99.9	257.6	44.1*	43.1	9.5	343.9	999.9	99.9	999.9	81.9	89.
43.8	109.0	12507.4	183.0	-57.8	99.9	250.9	45.3*	42.8	14.9	350.0	999.9	99.9	999.9	83.7	89.
44.1	110.0	12682.6	178.0	-56.6	99.9	248.0	44.1*	40.9	16.5	354.7	999.9	99.9	999.9	84.7	88.
44.8	111.0	12826.4	174.0	-57.6	99.9	246.1	41.5*	37.9	16.8	355.4	999.9	99.9	999.9	86.0	88.
45.2	112.0	12973.0	170.0	-58.2	99.9	248.9	43.9*	41.0	15.8	356.9	999.9	99.9	999.9	86.6	88.
45.8	113.0	13085.1	167.0	-58.5	99.9	252.0	44.5*	42.4	13.7	358.2	999.9	99.9	999.9	88.9	87.
46.2	114.0	13237.4	163.0	-58.8	99.9	252.3	41.1*	39.1	12.5	360.1	999.9	99.9	999.9	90.0	87.
46.8	115.0	13393.2	159.0	-59.2	99.9	254.1	42.3*	40.7	11.6	362.1	999.9	99.9	999.9	90.5	87.
47.3	116.0	13553.0	155.0	-59.0	99.9	255.7	49.7*	48.2	12.2	365.0	999.9	99.9	999.9	92.0	87.
47.9	117.0	13675.6	152.0	-59.0	99.9	253.3	46.6*	44.6	13.4	367.0	999.9	99.9	999.9	94.4	87.
48.2	118.0	13842.8	148.0	-59.2	99.9	250.4	39.2*	36.9	13.1	369.6	999.9	99.9	999.9	95.3	86.
48.8	119.0	13971.2	145.0	-59.0	99.9	246.9	29.6*	27.2	11.6	372.0	999.9	99.9	999.9	95.8	86.
49.3	120.0	14146.5	141.0	-59.3	99.9	253.0	37.5*	35.8	11.0	374.4	999.9	99.9	999.9	96.3	86.
49.9	121.0	14281.2	138.0	-59.5	99.9	257.9	54.9*	53.7	11.5	376.4	999.9	99.9	999.9	98.2	86.
50.4	122.0	14418.3	135.0	-60.8	99.9	258.4	59.5*	58.3	12.0	376.6	999.9	99.9	999.9	100.2	86.
51.0	123.0	14558.2	132.0	-60.4	99.9	257.4	49.1*	47.9	10.7	379.7	999.9	99.9	999.9	102.6	86.
51.4	124.0	14701.4	129.0	-60.8	99.9	255.8	36.2*	35.1	8.9	381.5	999.9	99.9	999.9	103.5	86.
52.0	125.0	14847.6	126.0	-61.1	99.9	250.8	24.8*	23.4	8.1	383.5	999.9	99.9	999.9	104.5	85.
52.8	126.0	15047.6	122.0	-62.0	99.9	255.1	39.9*	38.6	10.3	385.4	999.9	99.9	999.9	105.4	85.
53.3	127.0	15201.3	119.0	-62.7	99.9	257.9	52.7*	51.5	11.1	386.8	999.9	99.9	999.9	106.8	85.
53.9	128.0	15358.6	116.0	-62.9	99.9	259.0	60.4*	59.3	11.6	389.3	999.9	99.9	999.9	109.0	85.
54.4	129.0	15519.9	113.0	-62.9	99.9	258.2	54.7*	53.5	11.2	392.2	999.9	99.9	999.9	111.3	85.
55.0	130.0	15685.6	110.0	-62.9	99.9	255.3	38.5*	37.2	9.7	395.2	999.9	99.9	999.9	112.7	85.
55.6	131.0	15855.2	107.0	-64.6	99.9	252.7	25.9*	24.8	7.7	395.1	999.9	99.9	999.9	113.8	85.
56.1	132.0	15970.4	105.0	-64.8	99.9	253.5	25.5*	24.5	7.3	396.9	999.9	99.9	999.9	114.4	85.
56.7	133.0	16146.4	102.0	-66.8	99.9	254.3	36.6*	35.2	9.9	396.4	999.9	99.9	999.9	115.0	85.
57.3	134.0	16326.9	99.0	-66.8	99.9	254.6	45.1*	43.5	12.0	399.8	999.9	99.9	999.9	117.1	84.
57.9	135.0	16512.8	96.0	-66.8	99.9	257.1	48.4*	47.1	10.8	403.3	999.9	99.9	999.9	118.3	84.
58.4	136.0	16640.1	94.0	-66.8	99.9	259.5	47.6*	46.8	8.7	405.8	999.9	99.9	999.9	120.3	84.
59.1	137.0	16836.1	91.0	-66.8	99.9	263.0	40.5*	40.2	4.9	409.6	999.9	99.9	999.9	122.0	84.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1415 GMT

152 49. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
59.7	138.0	17038.7	88.0	-66.8	99.9	266.8	33.4*	33.4	1.9	413.5	999.9	99.9	999.9	123.3	84.
60.3	139.0	17248.4	85.0	-66.8	99.9	267.4	22.1*	22.1	1.0	417.6	999.9	99.9	999.9	124.7	84.
61.0	140.0	17465.5	82.0	-66.8	99.9	252.6	10.2*	9.7	3.0	421.9	999.9	99.9	999.9	124.7	84.
61.7	141.0	17614.8	80.0	-66.8	99.9	250.5	22.1*	20.8	7.4	424.9	999.9	99.9	999.9	125.2	84.
62.3	142.0	17845.2	77.0	-67.8	99.9	258.1	43.9*	42.9	9.1	427.5	999.9	99.9	999.9	126.4	84.
63.1	143.0	18003.7	75.0	-67.2	99.9	999.9	99.9	99.9	99.9	432.0	999.9	99.9	999.9	999.9	999.
63.9	144.0	18250.0	72.0	-67.2	99.9	999.9	99.9	99.9	99.9	437.1	999.9	99.9	999.9	999.9	999.
64.5	145.0	18420.4	70.0	-66.0	99.9	999.9	99.9	99.9	99.9	443.2	999.9	99.9	999.9	999.9	999.
65.1	146.0	18686.9	67.0	-64.8	99.9	999.9	99.9	99.9	99.9	451.3	999.9	99.9	999.9	999.9	999.
66.0	147.0	18871.9	65.0	-64.6	99.9	999.9	99.9	99.9	99.9	455.7	999.9	99.9	999.9	999.9	999.
66.7	148.0	19062.8	63.0	-64.6	99.9	999.9	99.9	99.9	99.9	459.8	999.9	99.9	999.9	999.9	999.
67.5	149.0	19361.3	60.0	-63.9	99.9	999.9	99.9	99.9	99.9	467.9	999.9	99.9	999.9	999.9	999.
68.2	150.0	19569.5	58.0	-63.1	99.9	999.9	99.9	99.9	99.9	474.2	999.9	99.9	999.9	999.9	999.
69.0	151.0	19786.2	56.0	-61.6	99.9	999.9	99.9	99.9	99.9	482.3	999.9	99.9	999.9	999.9	999.
69.9	152.0	20010.7	54.0	-63.1	99.9	999.9	99.9	99.9	99.9	484.0	999.9	99.9	999.9	999.9	999.
70.6	153.0	20362.4	51.0	-63.1	99.9	999.9	99.9	99.9	99.9	492.0	999.9	99.9	999.9	999.9	999.
71.4	154.0	20608.8	49.0	-62.6	99.9	999.9	99.9	99.9	99.9	499.0	999.9	99.9	999.9	999.9	999.

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1715 GMT

152 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.2	5.0	1021.2	10.6	1.7	350.0	8.2	1.4	-8.1	282.6	293.7	4.2	54.0	0.0	0.
0.2	4.0	96.4	1010.0	7.8	3.2	334.9	11.7	4.9	-10.6	280.8	293.0	4.8	72.5	0.4	150.
0.6	5.0	203.1	997.0	6.4	1.0	334.8	11.2	4.8	-10.1	280.3	291.0	4.1	68.2	0.5	151.
1.0	6.0	335.5	981.0	5.0	-0.6	334.2	9.2	4.0	-8.3	280.2	289.8	3.7	66.0	0.7	153.
1.6	7.0	444.1	968.0	3.5	-2.6	338.2	9.4	3.5	-8.8	279.6	288.2	3.3	64.5	1.0	153.
2.1	8.0	553.8	955.0	2.8	-2.2	343.4	11.3	3.2	-10.8	280.1	289.0	3.4	69.5	1.3	155.
2.6	9.0	664.6	942.0	1.8	-2.9	349.1	11.9	2.3	-11.7	280.1	288.8	3.3	71.0	1.7	157.
3.0	10.0	767.9	930.0	1.0	-4.1	350.5	12.3	2.0	-12.2	280.3	288.3	3.0	68.6	2.0	160.
3.5	11.0	907.3	914.0	0.4	-5.0	343.5	14.1	4.0	-13.5	281.0	288.7	2.9	67.4	2.3	161.
3.9	12.0	1022.5	901.0	1.2	-5.2	336.3	14.2	5.7	-13.0	283.0	290.7	2.9	62.5	2.7	161.
4.2	13.0	1130.8	889.0	3.0	-4.5	326.1	14.1	7.9	-11.7	286.0	294.3	3.1	57.6	3.0	160.
4.6	14.0	1241.3	877.0	5.3	-8.6	309.3	14.8	11.4	-9.4	289.4	295.7	2.2	35.1	3.3	158.
5.0	15.0	1354.1	865.0	6.0	-0.8	294.3	16.7	15.2	-6.9	291.5	302.9	4.2	61.5	3.6	154.
5.6	16.0	1497.5	850.0	6.0	1.7	283.7	18.9	18.4	-4.5	293.1	307.0	5.1	73.7	4.0	148.
6.1	17.0	1613.9	838.0	4.8	2.2	274.6	19.2	19.1	-1.5	293.1	307.6	5.4	83.1	4.5	142.
6.7	18.0	1721.8	827.0	4.8	-0.9	266.0	19.7	19.6	1.4	294.1	306.0	4.3	66.3	4.9	136.
7.1	19.0	1841.1	815.0	4.5	-0.0	266.4	21.1	21.1	1.3	295.0	307.9	4.7	72.5	5.2	132.
7.5	20.0	1961.9	803.0	4.0	-1.5	265.7	20.9	20.8	1.6	295.6	307.1	4.1	65.3	5.6	128.
8.1	21.0	2104.7	789.0	3.0	-4.8	263.9	20.1	20.0	2.1	295.9	305.5	3.4	56.5	6.1	123.
8.5	22.0	2218.4	778.0	2.5	-5.0	262.7	19.8	19.6	2.5	296.6	306.1	3.4	57.6	6.6	121.
9.0	23.0	2333.4	767.0	1.3	-5.5	261.6	19.4	19.2	2.8	296.5	305.9	3.3	60.2	7.0	117.
9.4	24.0	2449.4	756.0	-0.3	-7.0	260.6	19.2	19.0	3.1	296.0	304.5	3.0	60.6	7.4	115.
9.9	25.0	2566.6	745.0	-1.2	-6.6	258.6	19.1	18.8	3.8	296.2	305.1	3.1	67.0	7.9	113.
10.4	26.0	2706.8	732.0	-2.0	-6.6	255.1	19.6	18.9	5.0	296.8	305.9	3.2	71.0	8.3	111.
10.8	27.0	2827.0	721.0	-3.4	-5.5	252.1	20.7	19.7	6.4	296.6	306.5	3.5	85.2	8.7	109.
11.3	28.0	2937.8	711.0	-2.3	-8.4	249.7	22.8	21.4	7.9	298.9	307.1	2.8	62.9	9.2	106.
11.7	29.0	3061.8	700.0	-1.9	-9.4	249.6	24.5	22.9	8.5	300.7	308.5	2.7	56.2	9.7	104.
12.1	30.0	3176.1	690.0	-2.8	-9.9	251.2	25.8	24.4	8.3	300.9	308.5	2.6	57.8	10.2	102.
12.6	31.0	3291.7	680.0	-3.6	-12.2	255.3	27.1	26.2	6.9	301.3	307.8	2.2	51.1	10.9	100.
13.0	32.0	3408.8	670.0	-3.9	-13.1	259.4	28.2	27.7	5.2	302.2	308.4	2.1	48.5	11.4	99.
13.4	33.0	3539.4	659.0	-4.2	-14.7	262.5	28.9	28.6	3.8	303.3	308.8	1.9	43.6	12.2	98.
13.9	34.0	3647.9	650.0	-3.9	-14.5	264.7	29.5	29.3	2.7	304.8	310.7	1.9	44.2	13.0	97.
14.3	35.0	3770.2	640.0	-4.8	-15.0	265.2	29.9	29.8	2.5	305.1	310.7	1.9	44.5	13.7	96.
14.9	36.0	3919.1	628.0	-4.5	-15.0	264.6	30.5	30.4	2.9	306.6	312.3	1.9	44.9	14.8	96.
15.3	37.0	4045.0	618.0	-6.4	-15.8	263.5	31.2	31.0	3.5	306.3	311.8	1.8	47.2	15.5	95.
15.9	38.0	4172.4	608.0	-7.0	-14.8	262.4	33.4	33.1	4.4	307.0	313.1	2.0	53.6	16.6	94.
16.3	39.0	4288.6	599.0	-7.9	-12.8	262.6	35.3	35.0	4.6	307.4	314.5	2.4	67.8	17.4	94.
16.8	40.0	4419.3	589.0	-9.1	-14.9	263.1	36.6	36.3	4.4	307.4	313.7	2.0	62.6	18.6	93.
17.3	41.0	4565.2	578.0	-9.2	-16.5	263.3	36.4	36.1	4.2	308.9	314.6	1.9	56.4	19.6	92.
17.9	42.0	4700.2	568.0	-9.4	-17.1	262.5	35.1	34.8	4.6	310.3	315.7	1.8	53.3	20.9	92.
18.2	43.0	4823.7	559.0	-9.5	-18.2	262.1	34.5	34.2	4.8	311.5	316.6	1.6	49.2	21.6	92.
18.8	44.0	4948.9	550.0	-10.8	-18.8	261.6	34.5	34.2	5.0	311.4	316.3	1.6	51.6	22.6	91.
19.2	45.0	5061.4	542.0	-11.8	-19.4	261.6	35.3	34.9	5.2	311.5	316.3	1.5	53.4	23.5	91.
19.7	46.0	5189.5	533.0	-12.5	-19.8	261.3	35.8	35.4	5.4	312.2	316.9	1.5	54.5	24.7	90.
20.1	47.0	5319.4	524.0	-13.2	-22.3	261.0	35.9	35.5	5.6	312.8	316.7	1.2	46.2	25.4	90.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1715 GMT

152 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
20.5	48.0	5436.6	516.0	-13.2	-22.7	260.9	36.5	36.0	5.8	314.2	318.0	1.2	44.5	26.1	90.
21.0	49.0	5570.5	507.0	-13.7	-25.3	260.7	37.0	36.5	6.0	315.2	318.4	1.0	36.5	27.5	89.
21.4	50.0	5691.3	499.0	-14.6	-27.0	260.6	37.8	37.3	6.2	315.4	318.2	0.8	34.0	28.3	89.
22.0	51.0	5844.5	489.0	-15.0	-28.0	260.5	41.0	40.5	6.8	316.7	319.2	0.7	30.2	29.4	89.
22.4	52.0	5984.7	480.0	-16.1	-30.0	259.4	41.7	41.0	7.7	317.1	319.3	0.6	28.9	30.7	88.
22.9	53.0	6111.2	472.0	-16.4	-31.1	256.5	38.6	37.5	9.0	319.2	320.3	0.6	26.7	32.1	88.
23.3	54.0	6239.4	464.0	-17.8	-32.4	254.3	35.4	34.0	9.6	318.1	319.9	0.5	26.4	32.8	88.
23.8	55.0	6369.2	456.0	-19.1	-33.4	254.2	34.6	33.3	9.5	318.0	319.7	0.5	26.8	33.7	87.
24.3	56.0	6517.2	447.0	-20.5	-34.6	257.2	38.6*	37.6	8.6	318.1	319.6	0.4	26.9	34.6	87.
24.8	57.0	6650.6	439.0	-21.6	-35.6	259.6	42.1*	41.4	7.6	318.4	319.8	0.4	26.6	35.9	87.
25.2	58.0	6768.9	432.0	-22.2	-36.4	260.0	40.9*	40.3	7.1	319.0	320.3	0.4	26.2	37.2	86.
25.8	59.0	6906.0	424.0	-23.3	-37.4	258.8	34.6*	34.0	6.7	319.3	320.6	0.4	25.9	38.5	86.
26.2	60.0	7027.6	417.0	-24.4	-38.0	258.2	33.2*	32.5	6.8	319.5	320.7	0.3	26.7	39.1	86.
26.7	61.0	7168.4	409.0	-25.7	-38.9	258.8	36.8*	36.1	7.1	319.5	320.6	0.3	27.4	40.0	86.
27.1	62.0	7293.3	402.0	-26.6	-39.3	259.9	41.8*	41.1	7.3	319.9	321.0	0.3	28.8	41.0	86.
27.7	63.0	7420.0	395.0	-27.3	-40.8	261.5	45.0*	44.5	6.7	320.6	321.6	0.3	26.1	42.7	85.
28.1	64.0	7548.5	388.0	-28.3	-42.5	262.2	42.6*	42.2	5.8	320.9	321.7	0.2	24.6	44.1	85.
28.5	65.0	7678.8	381.0	-29.5	-43.0	262.7	37.6*	37.3	4.8	321.0	321.8	0.2	25.4	44.8	85.
29.1	66.0	7848.9	372.0	-31.0	-45.1	263.2	34.8*	34.6	4.1	321.3	321.9	0.2	23.2	45.9	85.
29.5	67.0	7964.0	366.0	-32.0	-45.4	263.8	35.8*	35.6	3.9	321.3	322.0	0.2	24.8	46.9	85.
30.0	68.0	8100.1	359.0	-33.1	-46.1	264.6	39.0*	38.8	3.7	321.7	322.3	0.2	25.6	47.7	85.
30.4	69.0	8238.3	352.0	-34.0	-47.0	265.0	42.1*	41.9	3.7	322.3	322.8	0.2	25.3	48.9	85.
30.9	70.0	8358.4	346.0	-35.2	-48.2	265.1	44.5*	44.3	3.8	322.2	322.7	0.1	25.0	50.2	85.
31.4	71.0	8521.0	338.0	-36.4	-49.5	264.7	44.0*	43.8	4.1	322.7	323.2	0.1	24.3	51.6	85.
31.9	72.0	8644.9	332.0	-37.8	99.9	264.1	41.5*	41.3	4.3	322.6	999.9	99.9	999.9	53.0	85.
32.3	73.0	8791.4	325.0	-39.0	99.9	264.3	39.9*	39.7	4.0	322.9	999.9	99.9	999.9	53.8	85.
32.9	74.0	8918.9	319.0	-40.1	99.9	266.2	40.5*	40.5	2.7	323.1	999.9	99.9	999.9	55.3	85.
33.2	75.0	9048.2	313.0	-41.2	99.9	267.1	42.9*	42.9	2.1	323.4	999.9	99.9	999.9	56.0	85.
33.7	76.0	9179.3	307.0	-42.7	99.9	267.9	47.6*	47.6	1.8	323.0	999.9	99.9	999.9	57.2	85.
34.1	77.0	9312.2	301.0	-43.6	99.9	268.1	49.7*	49.7	1.7	323.6	999.9	99.9	999.9	58.5	85.
34.7	78.0	9447.3	295.0	-44.7	99.9	269.3	46.6*	46.6	0.6	323.9	999.9	99.9	999.9	60.5	85.
35.1	79.0	9561.4	290.0	-45.7	99.9	270.4	43.8*	43.8	-0.3	324.1	999.9	99.9	999.9	61.3	85.
35.6	80.0	9700.4	284.0	-46.6	99.9	271.3	43.2*	43.2	-1.0	324.8	999.9	99.9	999.9	62.7	86.
36.1	81.0	9865.6	277.0	-47.9	99.9	272.1	45.3*	45.3	-1.7	325.2	999.9	99.9	999.9	63.8	86.
36.6	82.0	9985.5	272.0	-48.9	99.9	273.1	46.6*	46.5	-2.6	325.4	999.9	99.9	999.9	65.4	86.
37.1	83.0	10131.6	266.0	-50.1	99.9	274.1	45.2*	45.1	-3.2	325.7	999.9	99.9	999.9	66.9	86.
37.6	84.0	10280.2	260.0	-51.2	99.9	275.2	43.5*	43.3	-3.9	326.3	999.9	99.9	999.9	68.0	86.
38.1	85.0	10406.3	255.0	-52.0	99.9	276.1	44.4*	44.2	-6.7	326.9	999.9	99.9	999.9	69.4	86.
38.7	86.0	10559.9	249.0	-53.6	99.9	275.5	49.9*	49.6	-4.8	326.8	999.9	99.9	999.9	70.8	87.
39.1	87.0	10690.2	244.0	-54.2	99.9	274.4	53.4*	53.2	-4.1	327.8	999.9	99.9	999.9	72.2	87.
39.7	88.0	10822.7	239.0	-55.3	99.9	272.1	53.6*	53.6	-2.0	328.0	999.9	99.9	999.9	74.2	87.
40.1	89.0	10957.5	234.0	-55.7	99.9	271.0	51.5*	51.5	-0.9	329.5	999.9	99.9	999.9	75.6	87.
40.5	90.0	11094.6	229.0	-57.0	99.9	270.8	48.9*	48.9	-0.7	329.5	999.9	99.9	999.9	76.5	87.
41.0	91.0	11234.1	224.0	-58.0	99.9	272.3	43.9*	43.9	-1.8	330.0	999.9	99.9	999.9	78.3	87.
41.4	92.0	11376.2	219.0	-58.4	99.9	274.4	38.6*	38.5	-2.9	331.6	999.9	99.9	999.9	79.2	87.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1715 GMT

152 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
41.9	93.0	11492.1	215.0	-58.7	99.9	276.0	34.5*	34.3	-3.6	332.9	999.9	99.9	999.9	80.1	87.
42.3	94.0	11610.5	211.0	-57.3	99.9	274.6	34.5*	34.4	-2.7	336.8	999.9	99.9	999.9	80.8	87.
42.8	95.0	11762.2	206.0	-57.0	99.9	269.9	37.6*	37.6	0.1	339.6	999.9	99.9	999.9	81.9	87.
43.3	96.0	11948.7	200.0	-58.4	99.9	263.6	41.7*	41.4	4.6	340.4	999.9	99.9	999.9	83.0	87.
43.8	97.0	12075.8	196.0	-58.5	99.9	256.3	43.3*	42.0	10.3	342.1	999.9	99.9	999.9	84.5	87.
44.3	98.0	12205.5	192.0	-58.2	99.9	249.2	42.1*	39.4	11.9	344.6	999.9	99.9	999.9	85.8	87.
44.8	99.0	12338.1	188.0	-58.2	99.9	246.6	42.6*	39.1	17.0	346.7	999.9	99.9	999.9	86.8	87.
45.1	100.0	12473.5	184.0	-58.2	99.9	247.4	44.7*	41.2	17.2	348.9	999.9	99.9	999.9	87.5	87.
45.9	101.0	12682.8	178.0	-57.0	99.9	251.1	50.8*	48.0	16.4	354.1	999.9	99.9	999.9	89.8	86.
46.4	102.0	12790.5	175.0	-57.0	99.9	250.2	46.8*	44.0	15.8	355.9	999.9	99.9	999.9	91.7	86.
46.9	103.0	12973.8	170.0	-57.5	99.9	248.8	42.8*	39.9	15.5	358.0	999.9	99.9	999.9	92.2	86.
47.3	104.0	13085.9	167.0	-58.7	99.9	247.5	40.4*	37.3	15.5	357.8	999.9	99.9	999.9	93.5	86.
47.8	105.0	13237.6	163.0	-60.5	99.9	245.6	35.5*	32.3	14.6	357.3	999.9	99.9	999.9	95.0	85.
48.2	106.0	13392.4	159.0	-60.5	99.9	246.6	32.2*	29.5	12.8	359.9	999.9	99.9	999.9	95.4	85.
48.8	107.0	13511.0	156.0	-60.5	99.9	254.5	35.0*	33.7	7.4	361.8	999.9	99.9	999.9	96.4	85.
49.3	108.0	13672.9	152.0	-60.3	99.9	258.9	42.8*	42.0	8.3	364.8	999.9	99.9	999.9	97.2	85.
49.8	109.0	13839.1	148.0	-60.5	99.9	259.2	46.8*	46.0	8.8	367.3	999.9	99.9	999.9	99.2	85.
50.3	110.0	13966.7	145.0	-60.5	99.9	258.4	46.6*	45.7	9.4	369.5	999.9	99.9	999.9	100.4	85.
50.9	111.0	14141.0	141.0	-60.3	99.9	259.7	48.6*	47.9	8.7	372.8	999.9	99.9	999.9	102.1	85.
51.4	112.0	14320.4	137.0	-60.5	99.9	262.6	52.1*	51.7	7.7	375.5	999.9	99.9	999.9	103.4	85.
52.0	113.0	14458.2	134.0	-60.8	99.9	264.4	53.8*	53.5	5.3	377.3	999.9	99.9	999.9	105.7	85.
52.4	114.0	14598.6	131.0	-62.3	99.9	263.3	53.9*	53.6	6.3	377.1	999.9	99.9	999.9	106.6	85.
53.0	115.0	14741.6	128.0	-62.5	99.9	261.6	55.1*	54.5	8.0	379.3	999.9	99.9	999.9	109.0	84.
53.7	116.0	14937.1	124.0	-63.2	99.9	261.0	54.1*	53.4	8.5	381.4	999.9	99.9	999.9	111.0	84.
54.1	117.0	15087.7	121.0	-63.2	99.9	260.2	50.0*	49.3	8.5	384.0	999.9	99.9	999.9	112.7	84.
54.7	118.0	15241.7	118.0	-64.2	99.9	256.8	41.1*	40.0	5.4	385.0	999.9	99.9	999.9	114.0	84.
55.1	119.0	15399.5	115.0	-63.8	99.9	252.9	35.9*	34.3	10.6	388.6	999.9	99.9	999.9	114.9	84.
55.7	120.0	15561.4	112.0	-64.2	99.9	245.3	26.8*	24.3	11.2	390.8	999.9	99.9	999.9	116.2	84.
56.1	121.0	15727.5	109.0	-64.4	99.9	239.8	20.2*	17.5	10.2	393.5	999.9	99.9	999.9	116.8	84.
56.8	122.0	15898.2	106.0	-64.2	99.9	247.3	19.4*	17.9	7.5	397.0	999.9	99.9	999.9	117.1	84.
57.1	123.0	16014.5	104.0	-65.2	99.9	253.4	24.7*	23.7	7.1	397.3	999.9	99.9	999.9	117.4	84.
57.7	124.0	16192.4	101.0	-66.2	99.9	258.4	39.4*	38.6	7.9	398.7	999.9	99.9	999.9	118.3	84.
58.1	125.0	16375.2	98.0	-66.2	99.9	258.6	43.2*	42.4	8.6	402.2	999.9	99.9	999.9	120.1	84.
58.9	126.0	16563.3	95.0	-66.8	99.9	254.6	35.4*	34.2	7.4	404.5	999.9	99.9	999.9	121.6	84.
59.3	127.0	16691.9	93.0	-67.0	99.9	254.0	34.0*	32.7	7.4	406.6	999.9	99.9	999.9	122.4	84.
60.0	128.0	16889.3	90.0	-68.1	99.9	257.5	34.6*	33.8	7.5	408.3	999.9	99.9	999.9	123.8	83.
60.6	129.0	17092.9	87.0	-68.3	99.9	260.8	33.3*	32.9	5.3	411.9	999.9	99.9	999.9	125.1	83.
61.1	130.0	17231.7	85.0	-70.5	99.9	260.4	31.2*	30.8	5.2	410.2	999.9	99.9	999.9	126.1	83.
62.0	131.0	17444.0	82.0	-72.4	99.9	255.6	25.8*	25.0	6.4	410.6	999.9	99.9	999.9	127.6	83.
62.6	132.0	17664.7	79.0	-65.6	99.9	254.0	20.5*	19.7	5.7	420.7	999.9	99.9	999.9	128.7	83.
63.1	133.0	17818.1	77.0	-68.3	99.9	257.4	22.7*	22.1	4.9	426.5	999.9	99.9	999.9	128.5	83.
63.8	134.0	18056.5	74.0	-68.3	99.9	262.2	33.5*	33.2	4.6	431.4	999.9	99.9	999.9	130.1	83.
64.3	135.0	18220.9	72.0	-68.3	99.9	263.1	41.1*	40.8	5.0	434.8	999.9	99.9	999.9	131.2	83.
65.1	136.0	18477.6	69.0	-66.2	99.9	263.7	51.3*	51.0	5.6	444.6	999.9	99.9	999.9	133.2	83.
66.0	137.0	18748.4	66.0	-64.2	99.9	266.9	39.2*	39.1	2.1	454.6	999.9	99.9	999.9	136.4	83.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1715 GMT

152 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.8	138.0	18937.6	64.0	-62.3	99.9	268.1	31.2*	31.2	1.1	462.8	999.9	99.9	999.9	137.7	83.
67.5	139.0	19132.8	62.0	-64.2	99.9	268.0	34.2*	34.2	1.2	462.8	999.9	99.9	999.9	139.0	83.
68.4	140.0	19437.0	59.0	-63.2	99.9	265.8	31.7*	31.6	2.3	471.6	999.9	99.9	999.9	141.0	83.
69.2	141.0	19759.0	56.0	-61.7	99.9	253.0	17.2*	16.5	5.0	482.1	999.9	99.9	999.9	142.3	83.
70.1	142.0	19983.2	54.0	-63.6	99.9	213.1	12.5*	6.9	10.5	482.8	999.9	99.9	999.9	142.9	83.
71.1	143.0	20215.8	52.0	-61.9	99.9	177.9	8.9*	-0.3	8.9	492.0	999.9	99.9	999.9	142.6	83.
72.0	144.0	20584.7	49.0	-60.5	99.9	252.2	22.6*	21.5	6.9	503.9	999.9	99.9	999.9	143.5	83.
73.1	145.0	20844.3	47.0	-60.5	99.9	261.5	8.5*	8.4	1.3	510.0	999.9	99.9	999.9	145.0	83.
74.0	146.0	21254.0	44.0	-61.7	99.9	262.8	12.6*	12.5	1.6	516.5	999.9	99.9	999.9	144.5	83.
75.0	147.0	21542.9	42.0	-60.5	99.9	263.2	34.9*	34.7	4.1	526.6	999.9	99.9	999.9	146.3	83.
76.0	148.0	22005.2	39.0	-59.9	99.9	274.0	14.0*	13.9	-1.0	539.3	999.9	99.9	999.9	149.2	83.
77.0	149.0	22504.5	36.0	-60.5	99.9	271.3	18.6*	18.6	-0.4	550.4	999.9	99.9	999.9	149.0	83.
78.0	150.0	22679.2	35.0	-62.3	99.9	272.5	24.9*	24.9	-1.1	550.0	999.9	99.9	999.9	150.1	83.
79.2	151.0	23231.5	32.0	-63.2	99.9	270.7	12.5*	12.5	-0.2	561.8	999.9	99.9	999.9	151.7	83.
80.5	152.0	23629.7	30.0	-61.7	99.9	255.4	21.0*	20.3	0.3	576.3	999.9	99.9	999.9	152.6	83.
81.9	153.0	24060.0	28.0	-58.7	99.9	999.9	99.9	99.9	99.9	596.3	999.9	99.9	999.9	999.9	999.
83.4	154.0	24774.7	25.0	-57.0	99.9	999.9	99.9	99.9	99.9	620.8	999.9	99.9	999.9	999.9	999.

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1915 GMT

157 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.2	5.0	1020.5	10.0	-0.0	340.0	8.8	3.0	-9.3	282.0	291.5	3.6	48.0	0.0	0.
0.2	4.0	98.7	1009.0	7.1	-3.1	1.2	9.9	-0.2	-9.9	279.9	287.9	3.0	48.1	0.3	152.
0.4	5.0	205.1	956.0	5.7	-3.5	1.2	9.9	-0.2	-9.9	279.5	287.3	3.0	51.4	0.3	152.
1.0	6.0	328.9	981.0	4.3	-4.1	355.5	.2	0.7	-9.2	279.3	287.0	2.9	54.4	0.6	166.
1.5	7.0	428.9	969.0	2.9	-4.6	342.4	1.8	3.0	-9.3	279.0	286.4	2.8	57.6	0.9	167.
1.9	8.0	538.1	956.0	2.1	-4.4	334.7	10.4	4.4	-9.4	279.2	286.8	2.9	61.8	1.1	164.
2.2	9.0	640.0	944.0	1.3	-4.4	332.1	10.4	4.9	-9.2	279.4	287.1	2.9	66.0	1.3	163.
2.6	10.0	742.8	932.0	0.3	-5.1	331.5	10.3	4.9	-9.1	279.4	286.9	2.8	67.1	1.6	161.
3.0	11.0	864.3	918.0	0.3	-4.9	334.3	10.8	4.7	-9.7	280.6	288.3	2.9	67.7	1.8	160.
3.3	12.0	969.6	906.0	-0.6	-8.1	330.2	12.8	6.4	-11.1	280.6	286.8	2.3	56.9	2.0	159.
3.9	13.0	1076.7	894.0	1.8	-10.6	317.8	16.5	11.1	-12.2	284.1	289.4	1.9	39.4	2.5	156.
4.1	14.0	1176.9	883.0	4.0	-16.0	313.4	16.8	12.2	-11.5	287.3	290.9	1.2	21.7	2.7	155.
4.4	15.0	1288.1	871.0	4.3	-16.2	306.0	15.9	12.9	-9.4	288.8	292.4	1.2	20.8	3.0	152.
4.9	16.0	1419.7	857.0	3.5	-17.7	294.1	15.6	14.3	-6.4	289.2	292.5	1.1	19.4	3.4	148.
5.1	17.0	1524.2	846.0	2.3	-17.0	290.6	16.1	15.1	-5.7	289.1	292.4	1.1	21.4	3.5	146.
5.4	18.0	1630.0	835.0	3.1	-19.5	287.6	17.4	16.6	-5.2	291.0	293.9	1.0	17.0	3.8	143.
5.8	19.0	1737.4	824.0	3.5	-19.2	284.8	19.0	18.4	-4.9	292.5	295.5	1.0	17.0	4.1	140.
6.1	20.0	1846.3	813.0	2.9	-11.0	282.2	20.0	19.6	-4.2	293.2	299.0	2.0	35.1	4.4	137.
6.7	21.0	1977.1	800.0	3.8	-6.9	276.8	21.4	21.3	-2.5	295.6	303.7	2.9	45.5	5.0	132.
7.1	22.0	2089.3	789.0	2.3	-6.9	277.4	22.0	21.8	-2.8	295.1	303.3	2.9	50.4	5.5	128.
7.4	23.0	2202.6	778.0	1.6	-7.3	277.7	22.5	22.3	-3.0	295.6	303.7	2.8	51.5	5.8	126.
7.8	24.0	2296.2	769.0	0.3	-8.3	277.5	22.8	22.6	-3.0	295.1	302.7	2.7	52.3	6.3	124.
8.1	25.0	2422.2	757.0	-0.5	-6.8	277.1	22.9	22.7	-2.8	295.6	304.2	3.0	62.3	6.7	123.
8.5	26.0	2560.6	744.0	-1.1	-6.2	275.6	22.8	22.7	-2.2	296.4	305.6	3.2	68.5	7.3	121.
9.0	27.0	2668.5	734.0	-2.1	-5.8	274.8	23.0	22.9	-1.9	296.6	306.1	3.4	75.4	7.8	118.
9.3	28.0	2777.4	724.0	-3.0	-6.8	275.2	24.0	23.9	-2.2	296.7	305.7	3.2	74.9	8.2	117.
9.7	29.0	2887.5	714.0	-4.1	-6.3	275.4	25.4	25.3	-2.4	296.7	305.8	3.2	81.3	8.7	116.
10.1	30.0	2998.7	704.0	-4.9	-10.1	274.8	27.1	27.0	-2.3	296.9	304.2	2.5	66.4	9.3	115.
10.4	31.0	3111.4	694.0	-4.1	-14.7	273.3	28.0	28.0	-1.6	298.9	304.1	1.8	43.3	9.8	114.
10.8	32.0	3225.9	684.0	-4.1	-15.3	270.4	28.7	28.7	-0.2	300.1	305.2	1.7	41.2	10.5	112.
11.2	33.0	3342.1	674.0	-4.2	-15.4	267.3	29.2	29.2	1.4	301.2	306.4	1.7	41.5	11.1	111.
11.7	34.0	3460.1	664.0	-3.5	-13.7	263.9	30.0	29.9	3.2	303.4	309.4	2.0	44.7	11.9	109.
12.1	35.0	3568.1	655.0	-3.2	-13.3	262.1	30.9	30.6	4.2	305.0	311.3	2.1	45.3	12.5	107.
12.5	36.0	3702.0	644.0	-4.1	-14.1	261.3	31.7	31.4	4.8	305.4	311.4	2.0	45.4	13.3	106.
12.9	37.0	3837.6	633.0	-5.2	-14.0	261.7	32.4	32.1	4.7	305.7	311.8	2.0	49.5	14.0	105.
13.3	38.0	3950.0	624.0	-5.9	-13.9	263.0	33.6	33.4	4.1	306.1	312.4	2.1	53.3	14.6	103.
13.7	39.0	4063.6	615.0	-7.1	-12.3	264.5	35.1	34.9	3.4	306.0	313.3	2.4	66.3	15.4	102.
14.1	40.0	4191.3	605.0	-8.3	-13.2	265.8	36.5	36.4	2.7	306.1	312.9	2.3	67.6	16.3	102.
14.6	41.0	4333.8	594.0	-8.4	-13.1	266.6	37.5	37.5	2.2	307.5	314.6	2.3	68.7	17.3	101.
15.0	42.0	4452.2	585.0	-8.9	-13.6	266.9	37.9	37.9	2.1	308.3	315.2	2.3	68.2	18.2	100.
15.4	43.0	4572.3	576.0	-9.6	-14.6	267.2	38.0	38.0	1.8	308.8	315.3	2.1	66.6	19.1	99.
15.7	44.0	4693.8	567.0	-10.2	-15.5	267.5	38.1	38.0	1.6	309.5	315.7	2.0	64.3	19.8	99.
16.1	45.0	4816.9	558.0	-11.6	-17.0	267.9	38.2	38.2	1.4	309.2	314.7	1.8	62.4	20.7	98.
16.5	46.0	4927.5	550.0	-12.0	-18.1	268.1	38.5	38.5	1.3	310.0	315.2	1.7	60.4	21.5	98.
16.9	47.0	5053.9	541.0	-11.9	-19.6	268.7	38.5	38.5	0.9	311.6	316.3	1.5	52.6	22.6	98.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1915 GMT

157 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.3	48.0	5182.4	532.0	-11.6	-21.6	269.7	38.2	38.2	0.2	313.4	317.5	1.3	43.2	23.4	97.
17.7	49.0	5298.6	524.0	-11.6	-21.8	270.9	37.6	37.6	-0.6	314.8	318.8	1.3	42.4	24.3	97.
18.1	50.0	5431.2	515.0	-12.5	-23.1	272.0	37.1	37.1	-1.3	315.3	319.0	1.1	40.3	25.3	97.
18.7	51.0	5580.8	505.0	-13.0	-24.1	272.4	38.5	38.5	-1.6	316.3	319.9	1.1	38.7	26.5	97.
19.1	52.0	5687.1	498.0	-13.9	-25.3	272.0	40.4	40.4	-1.4	316.6	319.6	0.9	35.4	27.3	96.
19.6	53.0	5825.4	489.0	-14.7	-27.5	270.8	41.2	41.2	-0.6	317.2	319.9	0.8	32.5	28.9	96.
20.0	54.0	5950.1	481.0	-15.7	-29.5	269.4	40.2	40.2	0.4	317.5	319.8	0.7	29.3	29.9	96.
20.4	55.0	6076.6	473.0	-16.1	-30.9	269.0	41.3	41.3	1.4	318.5	320.5	0.6	26.5	30.5	96.
21.0	56.0	6221.0	464.0	-17.2	-33.1	266.1	44.1	44.0	3.0	318.8	320.6	0.5	23.5	32.1	95.
21.4	57.0	6351.2	456.0	-18.0	-33.9	264.4	42.5	42.3	1.1	319.4	321.0	0.5	23.1	33.5	95.
21.9	58.0	6483.3	448.0	-18.8	-34.5	262.6	39.7	39.4	5.1	320.0	321.6	0.5	23.6	34.4	95.
22.3	59.0	6617.3	440.0	-19.9	-35.2	261.9	40.2	39.8	5.7	320.3	321.8	0.4	24.0	35.3	94.
22.7	60.0	6735.9	433.0	-21.2	-36.3	261.4	42.4*	41.9	6.4	320.0	321.4	0.4	24.1	36.2	94.
23.1	61.0	6873.4	425.0	-21.9	-36.9	260.6	44.8*	44.2	7.3	320.9	322.2	0.4	24.1	37.3	94.
23.5	62.0	6995.4	418.0	-23.0	-37.8	259.1	45.3*	44.4	8.6	321.0	322.3	0.3	24.2	38.5	93.
23.9	63.0	7118.9	411.0	-24.0	-38.0	256.6	41.7*	40.5	9.6	321.2	322.5	0.3	26.1	39.5	93.
24.3	64.0	7262.0	403.0	-25.2	-38.4	254.4	37.6*	36.2	10.1	321.5	322.7	0.3	27.9	40.5	92.
24.8	65.0	7388.9	396.0	-26.5	-39.3	254.1	35.8*	34.4	7.8	321.4	322.5	0.3	28.7	41.3	92.
25.3	66.0	7554.7	387.0	-27.5	-39.5	257.3	39.5*	38.5	7.7	322.3	323.4	0.3	30.3	42.2	91.
25.7	67.0	7685.8	380.0	-28.5	-40.5	259.8	43.3*	42.6	7.7	322.6	323.6	0.3	30.3	43.3	91.
26.1	68.0	7818.8	373.0	-29.4	-41.3	261.4	45.1*	44.6	6.8	323.1	324.1	0.3	30.3	44.4	91.
26.5	69.0	7934.3	367.0	-30.9	-43.4	261.9	43.6*	43.2	0.2	322.6	323.4	0.2	27.8	45.8	91.
27.0	70.0	8070.7	360.0	-31.8	-43.3	261.7	41.6*	41.2	3.0	323.2	324.0	0.2	30.7	46.6	91.
27.5	71.0	8229.1	352.0	-33.1	-44.4	261.4	42.5*	42.0	5.4	323.5	324.2	0.2	31.0	48.0	90.
28.0	72.0	8370.0	345.0	-34.4	-45.0	261.1	42.6*	42.1	5.6	323.6	324.3	0.2	33.2	49.3	90.
28.4	73.0	8492.4	339.0	-35.6	-46.0	261.0	41.5*	41.0	6.5	323.6	324.2	0.2	33.2	50.4	90.
28.9	74.0	8637.2	332.0	-36.7	-47.0	261.3	42.0*	41.5	6.3	324.0	324.6	0.2	33.2	51.4	90.
29.3	75.0	8763.2	326.0	-37.8	-47.9	261.8	43.3*	42.9	6.1	324.2	324.8	0.1	33.4	52.4	89.
29.7	76.0	8890.9	320.0	-39.3	-49.2	262.5	43.7*	43.4	5.7	323.9	324.4	0.1	33.4	53.6	89.
30.1	77.0	9020.4	314.0	-39.9	-49.9	263.2	42.9*	42.6	5.1	324.7	325.2	0.1	33.2	54.7	89.
30.5	78.0	9151.8	308.0	-41.3	99.9	264.0	41.4*	41.2	1.3	324.7	999.9	99.9	999.9	55.5	89.
31.0	79.0	9285.1	302.0	-42.5	99.9	265.1	42.2*	42.1	3.6	324.8	999.9	99.9	999.9	56.9	89.
31.4	80.0	9443.0	295.0	-43.9	99.9	265.9	46.0*	45.9	3.3	325.0	999.9	99.9	999.9	57.8	89.
32.0	81.0	9603.7	288.0	-45.3	99.9	266.3	51.0*	50.9	3.3	325.2	999.9	99.9	999.9	59.4	89.
32.4	82.0	9720.3	283.0	-46.6	99.9	266.2	48.3*	48.2	3.2	325.0	999.9	99.9	999.9	61.2	89.
32.9	83.0	9862.1	277.0	-47.8	99.9	266.9	41.3*	41.3	2.2	325.4	999.9	99.9	999.9	62.4	89.
33.3	84.0	10006.3	271.0	-48.8	99.9	268.7	38.3*	38.3	0.9	325.9	999.9	99.9	999.9	63.2	89.
33.7	85.0	10128.4	266.0	-49.7	99.9	270.4	39.4*	39.4	-0.2	326.4	999.9	99.9	999.9	63.9	89.
34.3	86.0	10302.4	259.0	-51.2	99.9	271.7	45.1*	45.1	-1.3	326.6	999.9	99.9	999.9	65.4	89.
34.8	87.0	10454.3	253.0	-52.6	99.9	272.7	45.5*	45.4	-2.1	326.8	999.9	99.9	999.9	67.1	89.
35.2	88.0	10582.9	248.0	-53.0	99.9	273.6	43.3*	43.2	-2.8	326.8	999.9	99.9	999.9	68.2	89.
35.7	89.0	10740.1	242.0	-54.3	99.9	274.4	42.8*	42.7	-3.3	328.4	999.9	99.9	999.9	69.2	89.
36.1	90.0	10873.4	237.0	-55.9	99.9	274.2	46.2*	46.1	-3.4	327.9	999.9	99.9	999.9	70.1	89.
36.7	91.0	11008.8	232.0	-56.7	99.9	273.4	52.3*	52.2	-3.1	328.7	999.9	99.9	999.9	72.1	89.
37.1	92.0	11146.7	227.0	-57.6	99.9	272.7	53.1*	53.0	-2.5	329.5	999.9	99.9	999.9	73.5	89.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1915 GMT

157 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TFMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.5	93.0	11286.9	222.0	-58.8	99.9	271.5	50.8*	50.8	-1.3	329.8	999.9	99.9	999.9	75.1	89.
38.0	94.0	11429.8	217.0	-59.3	99.9	270.3	49.9*	49.9	-0.3	331.1	999.9	99.9	999.9	76.0	89.
38.5	95.0	11546.0	213.0	-60.5	99.9	269.4	51.0*	51.0	0.6	331.0	999.9	99.9	999.9	77.6	89.
39.1	96.0	11724.0	207.0	-60.5	99.9	268.0	50.0*	50.0	1.7	333.7	999.9	99.9	999.9	79.7	89.
39.6	97.0	11877.4	202.0	-57.4	99.9	265.7	47.0*	46.9	3.5	340.9	999.9	99.9	999.9	80.8	89.
40.0	98.0	12003.9	198.0	-57.1	99.9	262.9	43.0*	42.6	5.3	343.4	999.9	99.9	999.9	82.4	89.
40.6	99.0	12166.1	193.0	-56.4	99.9	257.0	35.6*	34.7	8.0	347.0	999.9	99.9	999.9	83.5	89.
41.1	100.0	12298.7	189.0	-57.4	99.9	253.9	34.0*	32.7	0.4	347.5	999.9	99.9	999.9	84.4	89.
41.8	101.0	12502.4	183.0	-57.9	99.9	256.0	39.6*	38.4	0.6	349.9	999.9	99.9	999.9	85.7	89.
42.3	102.0	12641.4	179.0	-58.8	99.9	256.7	41.6*	40.5	9.6	350.7	999.9	99.9	999.9	87.2	89.
42.9	103.0	12783.2	175.0	-59.3	99.9	254.2	38.1*	36.7	10.4	352.1	999.9	99.9	999.9	88.6	88.
43.3	104.0	12928.0	171.0	-59.4	99.9	252.1	35.8*	34.1	11.0	354.2	999.9	99.9	999.9	89.4	88.
43.9	105.0	13076.2	167.0	-59.3	99.9	253.2	38.2*	36.5	11.0	356.9	999.9	99.9	999.9	90.5	88.
44.4	106.0	13228.2	163.0	-58.9	99.9	257.5	47.0*	45.9	10.1	359.9	999.9	99.9	999.9	91.5	88.
45.0	107.0	13384.1	159.0	-59.1	99.9	261.1	55.4*	54.7	8.6	362.2	999.9	99.9	999.9	93.6	88.
45.5	108.0	13543.9	155.0	-58.8	99.9	262.3	49.4*	48.9	6.6	365.4	999.9	99.9	999.9	95.8	87.
46.1	109.0	13708.1	151.0	-58.9	99.9	265.5	39.0*	38.9	3.0	367.9	999.9	99.9	999.9	96.9	87.
46.6	110.0	13833.9	148.0	-59.1	99.9	269.3	39.3*	39.3	0.5	369.7	999.9	99.9	999.9	97.8	87.
47.3	111.0	14049.3	143.0	-59.3	99.9	271.0	43.7*	43.7	-0.8	373.1	999.9	99.9	999.9	99.9	87.
47.9	112.0	14182.2	140.0	-59.3	99.9	270.7	39.0*	39.0	-0.5	375.3	999.9	99.9	999.9	101.4	88.
48.4	113.0	14363.3	136.0	-60.3	99.9	269.4	34.8*	34.8	0.3	376.6	999.9	99.9	999.9	102.5	88.
49.0	114.0	14501.9	133.0	-61.7	99.9	267.3	35.1*	35.0	1.7	376.4	999.9	99.9	999.9	103.4	88.
49.5	115.0	14690.9	129.0	-61.9	99.9	264.6	40.6*	40.4	0.8	379.4	999.9	99.9	999.9	104.8	88.
50.2	116.0	14885.5	125.0	-62.7	99.9	261.0	51.9*	51.3	9.2	381.5	999.9	99.9	999.9	106.4	88.
50.9	117.0	14984.8	123.0	-63.2	99.9	259.5	52.4*	51.5	9.5	382.3	999.9	99.9	999.9	109.2	87.
51.4	118.0	15187.6	119.0	-64.2	99.9	258.4	43.9*	43.0	8.8	384.2	999.9	99.9	999.9	110.6	87.
52.0	119.0	15343.8	116.0	-64.6	99.9	257.3	37.0*	36.1	8.1	386.3	999.9	99.9	999.9	111.8	87.
52.5	120.0	15503.7	113.0	-64.9	99.9	259.2	40.8*	40.1	7.6	388.4	999.9	99.9	999.9	112.9	87.
53.1	121.0	15667.4	110.0	-65.9	99.9	261.9	47.7*	47.3	5.7	389.6	999.9	99.9	999.9	114.3	87.
53.7	122.0	15834.9	107.0	-66.7	99.9	263.0	43.6*	43.3	5.3	391.2	999.9	99.9	999.9	116.6	87.
54.2	123.0	16006.9	104.0	-66.7	99.9	264.1	36.4*	36.2	3.7	394.4	999.9	99.9	999.9	117.6	87.
54.9	124.0	16124.3	102.0	-66.7	99.9	267.6	39.5*	39.4	1.6	396.6	999.9	99.9	999.9	118.7	87.
55.5	125.0	16365.6	98.0	-67.8	99.9	269.3	52.0*	52.0	0.6	399.1	999.9	99.9	999.9	120.2	87.
56.2	126.0	16552.6	95.0	-67.8	99.9	268.7	57.0*	57.0	1.3	402.7	999.9	99.9	999.9	123.0	87.
56.9	127.0	16745.6	92.0	-67.8	99.9	267.3	51.9*	51.8	2.4	406.4	999.9	99.9	999.9	125.6	87.
57.3	128.0	16878.2	90.0	-66.7	99.9	266.8	45.9*	45.8	1.5	411.0	999.9	99.9	999.9	126.7	87.
57.9	129.0	17014.7	88.0	-64.9	99.9	265.4	38.1*	38.0	0.0	417.2	999.9	99.9	999.9	127.8	87.
58.4	130.0	17225.7	85.0	-65.9	99.9	262.9	30.6*	30.4	3.8	419.4	999.9	99.9	999.9	129.1	87.
59.1	131.0	17443.7	82.0	-66.1	99.9	261.2	17.3*	17.1	2.7	423.3	999.9	99.9	999.9	130.3	87.
59.7	132.0	17593.2	80.0	-66.7	99.9	269.5	18.8*	18.8	0.2	425.1	999.9	99.9	999.9	130.1	87.
60.3	133.0	17745.8	78.0	-68.0	99.9	271.9	24.9*	24.9	-0.8	425.6	999.9	99.9	999.9	131.3	87.
60.9	134.0	17981.5	75.0	-68.0	99.9	268.1	19.8*	19.8	0.7	430.4	999.9	99.9	999.9	132.7	87.
61.5	135.0	18143.6	73.0	-68.8	99.9	260.7	18.4*	18.2	3.0	432.0	999.9	99.9	999.9	132.3	87.
62.1	136.0	18309.7	71.0	-69.2	99.9	266.4	36.4*	36.3	2.3	434.5	999.9	99.9	999.9	133.4	87.
62.9	137.0	18567.7	68.0	-69.0	99.9	271.7	51.1*	51.1	-1.5	440.4	999.9	99.9	999.9	136.4	87.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
1915 GMT

157 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.6	138.0	18746.7	66.0	-68.0	99.9	270.8	42.8*	42.8	-0.6	446.4	999.9	99.9	999.9	138.1	87.
64.3	139.0	19027.4	63.0	-66.3	99.9	264.8	35.7*	35.5	3.2	454.0	999.9	99.9	999.9	139.8	87.
65.1	140.0	19223.6	61.0	-64.6	99.9	263.0	34.6*	34.4	4.2	464.2	999.9	99.9	999.9	141.3	87.
65.8	141.0	19428.4	59.0	-62.3	99.9	264.3	38.0*	37.8	3.7	473.7	999.9	99.9	999.9	142.8	87.
66.5	142.0	19750.6	56.0	-62.5	99.9	259.9	34.8*	34.3	5.1	480.4	999.9	99.9	999.9	144.8	87.
67.2	143.0	19862.1	55.0	-61.2	99.9	248.8	24.2*	22.5	7.7	485.8	999.9	99.9	999.9	145.8	87.
68.0	144.0	20209.3	52.0	-62.5	99.9	231.9	14.5*	11.4	8.9	490.7	999.9	99.9	999.9	146.2	87.
68.7	145.0	20452.0	50.0	-61.2	99.9	166.3	6.0*	-1.4	5.8	499.3	999.9	99.9	999.9	147.1	86.
69.4	146.0	20706.1	48.0	-60.1	99.9	101.1	7.6*	-7.4	1.5	507.7	999.9	99.9	999.9	146.3	86.
70.1	147.0	20970.8	46.0	-61.6	99.9	307.3	2.0*	1.6	-1.2	510.4	999.9	99.9	999.9	146.0	86.
71.0	148.0	21246.6	44.0	-61.0	99.9	271.1	16.8*	16.8	-0.3	518.3	999.9	99.9	999.9	146.1	86.
71.8	149.0	21534.5	42.0	-62.7	99.9	262.9	33.3*	33.0	0.1	521.2	999.9	99.9	999.9	147.9	86.
72.6	150.0	21837.3	40.0	-60.0	99.9	263.9	25.4*	25.3	2.7	535.3	999.9	99.9	999.9	149.8	86.
73.4	151.0	22157.5	38.0	-60.1	99.9	127.5	0.1*	-0.1	0.0	542.8	999.9	99.9	999.9	150.4	86.
74.2	152.0	22322.8	37.0	-62.9	99.9	269.5	13.1*	13.1	0.1	539.9	999.9	99.9	999.9	149.7	86.
75.1	153.0	22665.3	35.0	-62.7	99.9	270.3	41.3*	41.3	-0.2	549.1	999.9	99.9	999.9	151.7	86.
75.9	154.0	23028.4	33.0	-62.3	99.9	268.4	43.3*	43.3	1.2	559.4	999.9	99.9	999.9	154.0	86.
76.9	155.0	23616.5	30.0	-62.7	99.9	256.9	22.3*	21.7	5.1	573.8	999.9	99.9	999.9	156.0	86.
77.9	156.0	23827.0	29.0	-59.6	99.9	249.4	16.5*	15.4	5.8	587.8	999.9	99.9	999.9	157.2	86.
78.9	157.0	24275.3	27.0	-58.4	99.9	259.8	38.4*	37.8	8.8	603.3	999.9	99.9	999.9	158.1	86.
80.1	158.0	24760.7	25.0	-57.2	99.9	999.9	99.9	99.9	99.9	620.2	999.9	99.9	999.9	999.9	999.
81.4	159.0	25286.6	23.0	-58.4	99.9	999.9	99.9	99.9	99.9	631.7	999.9	99.9	999.9	999.9	999.

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
2315 GMT

167 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	3.2	5.0	1020.1	9.4	-2.5	360.0	8.8	0.0	-8.8	281.4	289.6	3.1	43.0	0.0	0.
0.3	4.0	87.5	1010.0	9.1	-4.5	355.7	10.9	0.8	-10.8	281.9	289.1	2.7	37.6	0.3	177.
0.6	5.0	178.0	999.0	7.9	-4.2	355.0	10.9	0.9	-10.8	281.5	289.0	2.8	41.9	0.4	177.
1.0	6.0	293.8	985.0	5.4	-5.0	352.6	10.9	1.4	-10.9	280.1	287.2	2.7	46.7	0.7	176.
1.2	7.0	385.5	974.0	4.6	-5.3	350.3	10.6	1.8	-10.4	280.2	287.2	2.6	48.6	0.8	175.
1.6	8.0	477.8	963.0	3.6	-5.4	345.2	9.9	2.5	-9.5	280.1	287.1	2.7	51.8	1.1	174.
1.9	9.0	571.0	952.0	2.9	-5.4	340.6	9.2	3.1	-8.7	280.3	287.5	2.7	54.5	1.2	172.
2.2	10.0	664.9	941.0	1.9	-5.5	337.6	9.0	3.4	-8.4	280.2	287.4	2.7	57.9	1.4	170.
2.6	11.0	777.0	928.0	0.9	-5.3	335.1	9.1	3.8	-8.2	280.3	287.5	2.7	60.8	1.6	168.
2.9	12.0	872.7	917.0	-0.2	-6.0	333.4	9.0	4.0	-8.0	280.1	287.2	2.7	64.9	1.8	167.
3.2	13.0	960.3	907.0	-1.2	-6.1	330.7	9.6	4.7	-8.4	280.0	287.2	2.7	69.2	1.9	166.
3.5	14.0	1057.6	896.0	-1.8	-6.9	328.0	10.6	5.6	-8.0	280.3	287.2	2.6	68.2	2.1	165.
3.7	15.0	1147.4	886.0	0.9	-6.5	327.4	12.8	6.9	-10.8	284.1	291.2	2.6	57.3	2.2	164.
4.1	16.0	1266.4	873.0	1.7	-14.1	326.0	16.3	9.1	-13.5	286.0	290.1	1.5	29.6	2.5	161.
4.4	17.0	1359.2	863.0	1.7	-14.7	323.7	17.2	10.1	-13.8	286.9	290.9	1.4	27.7	2.9	160.
4.7	18.0	1462.6	852.0	1.7	-15.9	320.0	16.3	10.5	-12.5	287.9	291.7	1.3	25.6	3.2	158.
5.1	19.0	1548.2	843.0	2.2	-15.4	312.7	14.2	10.4	-7.6	289.3	293.3	1.4	25.6	3.5	156.
5.4	20.0	1654.2	832.0	2.2	-16.5	306.6	12.9	10.4	-7.7	290.4	294.1	1.3	23.5	3.7	154.
5.8	21.0	1771.6	820.0	2.4	-17.5	305.2	12.4	10.1	-7.1	291.8	295.3	1.2	21.3	4.0	152.
6.2	22.0	1870.5	810.0	1.6	-18.2	308.8	12.5	9.8	-7.8	291.9	295.3	1.1	21.3	4.2	150.
6.5	23.0	1970.4	800.0	0.9	-19.2	313.0	12.9	9.4	-8.8	292.3	295.4	1.0	20.4	4.5	149.
6.9	24.0	2071.4	790.0	0.3	-19.2	311.4	12.4	9.3	-8.2	292.6	295.8	1.1	21.4	4.8	148.
7.3	25.0	2173.3	780.0	-0.4	-21.1	310.4	12.4	9.4	-8.0	293.0	295.7	0.9	19.1	5.0	147.
7.7	26.0	2286.8	769.0	-0.8	-23.0	309.3	13.0	10.1	-8.2	293.6	296.0	0.8	16.7	5.3	146.
8.1	27.0	2391.0	759.0	-1.8	-23.7	307.9	14.4	11.4	-8.9	293.7	296.0	0.7	16.8	5.6	145.
8.4	28.0	2485.8	750.0	-2.1	-25.7	306.6	16.1	12.9	-9.6	294.4	296.3	0.6	14.3	5.8	145.
8.7	29.0	2592.4	740.0	-2.1	-28.0	304.6	18.1	14.9	-10.3	295.5	297.1	0.5	11.6	6.1	144.
9.1	30.0	2689.6	731.0	-2.1	-28.0	301.5	20.9	17.8	-10.9	296.5	298.2	0.5	11.6	6.5	142.
9.4	31.0	2788.0	722.0	-2.1	-28.0	298.5	23.0	20.2	-11.0	297.6	299.2	0.5	11.6	7.0	141.
9.7	32.0	2898.7	712.0	-2.1	-26.6	295.1	25.0	22.6	-10.6	298.8	300.7	0.6	13.2	7.4	140.
10.1	33.0	2999.8	703.0	-2.1	-24.5	290.5	27.5	25.8	-7.7	299.9	302.2	0.7	15.8	7.9	138.
10.5	34.0	3102.0	694.0	-2.6	-23.1	286.2	29.9	28.7	-3.3	300.5	303.1	0.9	18.8	8.5	136.
10.8	35.0	3205.4	685.0	-3.2	-17.3	282.5	30.8	30.1	-5.7	301.0	305.1	1.4	31.1	9.0	134.
11.3	36.0	3321.6	675.0	-4.4	-16.3	276.4	31.9	31.7	-3.5	300.9	305.6	1.6	38.8	9.9	131.
11.7	37.0	3427.4	666.0	-3.8	-15.0	271.9	32.6	32.6	-1.1	302.8	308.2	1.8	41.5	10.5	128.
12.1	38.0	3534.9	657.0	-3.8	-14.1	268.8	33.4	33.4	0.7	304.0	309.8	2.0	44.6	11.1	126.
12.4	39.0	3643.8	648.0	-4.3	-13.2	267.9	34.0	34.0	1.2	304.7	311.1	2.1	49.7	11.6	124.
12.8	40.0	3753.9	639.0	-5.0	-14.2	267.9	33.9	33.9	1.3	305.0	311.0	2.0	48.5	12.3	121.
13.2	41.0	3877.8	629.0	-5.8	-15.3	268.2	33.3	33.3	1.1	305.5	311.1	1.9	47.0	13.0	119.
13.5	42.0	3978.0	621.0	-6.2	-18.1	268.5	32.5	32.5	0.9	306.0	310.6	1.5	38.3	13.5	118.
13.9	43.0	4092.2	612.0	-6.5	-19.5	268.4	32.1	32.1	0.9	307.0	311.1	1.3	34.6	14.1	116.
14.3	44.0	4194.9	604.0	-7.4	-18.7	267.9	32.6	32.6	1.2	307.1	311.6	1.4	39.7	14.8	115.
14.7	45.0	4298.6	596.0	-8.2	-17.1	267.6	33.8	33.8	1.4	307.4	312.6	1.7	48.4	15.5	114.
15.0	46.0	4403.4	588.0	-8.9	-16.1	267.6	35.1	35.1	1.5	307.8	313.5	1.8	55.5	16.0	113.
15.3	47.0	4509.5	580.0	-9.6	-17.0	268.2	36.1	36.1	1.1	308.2	313.5	1.7	54.9	16.6	112.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
2315 GMT

167 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.7	48.0	4630.2	571.0	-9.9	-17.8	268.8	37.0	37.0	0.8	309.2	314.3	1.6	52.3	17.5	111.
16.1	49.0	4739.0	563.0	-10.5	-19.2	269.0	37.1	37.1	0.7	309.7	314.4	1.5	48.6	18.4	110.
16.4	50.0	4835.4	556.0	-10.5	-19.5	268.6	36.7	36.7	0.9	310.8	315.4	1.5	47.4	18.9	109.
16.9	51.0	4975.0	546.0	-10.8	-20.5	267.6	35.9	35.8	1.5	312.1	316.5	1.4	45.2	20.1	108.
17.3	52.0	5088.4	538.0	-11.8	-21.2	267.0	35.5	35.4	1.9	312.2	316.4	1.3	45.1	20.8	107.
17.7	53.0	5203.0	530.0	-12.3	-21.9	266.9	35.5	35.4	1.9	312.9	316.8	1.2	44.4	21.5	106.
18.1	54.0	5304.6	523.0	-12.9	-22.2	267.5	35.8	35.8	1.6	313.4	317.3	1.2	45.4	22.4	105.
18.4	55.0	5422.0	515.0	-13.7	-23.4	268.2	36.2	36.2	1.1	313.7	317.4	1.1	43.8	23.1	105.
18.9	56.0	5556.2	506.0	-13.2	-23.3	269.7	37.2	37.2	1.2	316.0	319.8	1.2	42.2	23.9	104.
19.2	57.0	5677.4	498.0	-14.0	-24.1	270.3	37.6	37.6	-0.2	314.4	319.7	1.0	38.9	24.6	104.
19.5	58.0	5784.7	491.0	-14.8	-26.9	270.8	37.7	37.7	-0.5	316.6	319.5	0.9	34.8	25.6	104.
19.9	59.0	5893.3	484.0	-15.3	-28.2	271.0	37.1	37.1	-0.6	317.4	320.0	0.8	31.8	26.3	103.
20.3	60.0	6019.1	476.0	-16.2	-28.9	271.2	37.4	37.4	-0.8	317.7	320.2	0.7	32.5	27.1	103.
20.7	61.0	6130.4	469.0	-17.2	-29.5	271.4	38.5	38.5	-0.9	317.9	320.2	0.7	33.1	28.0	102.
21.1	62.0	6242.9	462.0	-18.3	-30.3	271.1	39.7	39.7	-0.8	317.9	320.1	0.7	33.7	28.9	102.
21.4	63.0	6356.7	455.0	-19.2	-31.1	270.2	39.7	39.7	-0.1	318.1	320.2	0.6	33.9	29.7	102.
21.8	64.0	6471.9	448.0	-20.0	-31.8	268.6	39.1	39.1	1.0	318.5	320.5	0.6	33.9	30.7	101.
22.1	65.0	6588.6	441.0	-20.7	-32.8	267.5	39.1	39.0	1.7	319.1	320.9	0.5	32.8	31.3	101.
22.6	66.0	6723.9	433.0	-20.8	-33.5	266.7	40.4	40.4	2.3	320.5	322.3	0.5	31.0	32.2	101.
23.0	67.0	6844.1	426.0	-22.0	-34.3	266.3	41.5	41.4	2.7	320.5	322.2	0.5	31.6	33.4	100.
23.4	68.0	6948.3	420.0	-23.0	-35.1	265.1	39.9	39.8	3.4	320.6	322.2	0.5	31.9	34.5	100.
23.7	69.0	7071.4	413.0	-23.5	-35.5	264.4	39.3	39.1	3.9	321.5	323.0	0.4	31.6	35.1	99.
24.1	70.0	7196.2	406.0	-24.2	-37.2	263.8	39.9	39.6	1.3	322.2	323.5	0.4	28.8	35.8	99.
24.6	71.0	7322.9	399.0	-25.0	-38.6	264.2	44.6	44.4	4.5	322.7	323.9	0.3	26.7	36.9	99.
24.9	72.0	7451.3	392.0	-26.0	-38.9	264.4	47.6	47.3	4.7	323.0	324.2	0.3	28.5	37.9	98.
25.2	73.0	7562.7	386.0	-27.4	-39.5	264.1	48.2	48.0	5.0	322.7	323.8	0.3	30.1	38.8	98.
25.6	74.0	7675.3	380.0	-28.3	-39.3	263.3	46.8	46.5	5.4	322.9	324.1	0.3	32.6	40.0	97.
26.1	75.0	7808.3	373.0	-29.5	-39.7	262.4	42.6	42.3	5.6	323.0	324.2	0.3	36.1	41.3	97.
26.4	76.0	7923.8	367.0	-30.7	-40.3	262.8	41.5	41.2	5.2	323.0	324.1	0.3	37.8	41.9	97.
26.8	77.0	8040.7	361.0	-31.6	-41.0	264.6	43.8*	43.6	4.1	323.3	324.3	0.3	38.6	42.8	96.
27.2	78.0	8159.1	355.0	-32.5	-42.3	266.2	47.9*	47.8	3.2	323.6	324.5	0.3	36.4	43.8	96.
27.5	79.0	8279.0	349.0	-33.4	-43.4	267.0	51.3*	51.2	2.7	323.9	324.7	0.2	35.8	44.6	96.
27.9	80.0	8400.5	343.0	-34.5	-44.7	266.5	49.6*	49.5	3.0	324.0	324.8	0.2	35.3	46.3	96.
28.4	81.0	8544.4	336.0	-35.6	-45.7	264.9	42.5*	42.3	3.8	324.5	325.2	0.2	34.3	47.7	95.
28.8	82.0	8648.5	331.0	-36.6	-46.7	264.3	38.4*	38.2	3.8	324.4	325.0	0.2	34.0	48.4	95.
29.2	83.0	8775.0	325.0	-37.6	-47.6	264.8	38.4*	38.2	3.5	324.8	325.4	0.2	33.8	49.1	95.
29.5	84.0	8903.1	319.0	-39.1	-48.8	265.8	40.7*	40.6	3.0	324.5	325.0	0.1	34.5	49.8	95.
29.9	85.0	9011.3	314.0	-40.0	99.9	266.3	44.7*	44.6	2.9	324.7	999.9	99.9	999.9	50.8	95.
30.4	86.0	9164.8	307.0	-41.4	99.9	265.8	46.2*	46.1	3.4	324.9	999.9	99.9	999.9	52.6	95.
30.8	87.0	9276.0	302.0	-42.5	99.9	265.4	46.3*	46.1	3.7	324.9	999.9	99.9	999.9	53.4	94.
31.2	88.0	9411.2	296.0	-43.6	99.9	265.4	46.8*	46.7	3.8	325.1	999.9	99.9	999.9	54.4	94.
31.5	89.0	9525.4	291.0	-44.9	99.9	265.7	47.7*	47.6	3.6	324.9	999.9	99.9	999.9	55.3	94.
31.9	90.0	9664.4	285.0	-46.0	99.9	265.7	46.9*	46.8	3.5	325.2	999.9	99.9	999.9	56.6	94.
32.3	91.0	9781.9	280.0	-46.9	99.9	265.7	44.5*	44.4	3.4	325.6	999.9	99.9	999.9	57.7	94.
32.7	92.0	9901.1	275.0	-47.8	99.9	266.2	42.6*	42.5	2.8	326.0	999.9	99.9	999.9	58.7	94.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
2315 GMT

167 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P. DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.1	93.0	10021.8	270.0	-49.1	99.0	267.6	42.1*	42.1	1.7	325.8	999.9	99.9	999.9	59.5	93.
33.5	94.0	10144.2	265.0	-50.3	99.9	269.5	43.4*	43.4	0.4	325.8	999.9	99.9	999.9	60.7	93.
33.8	95.0	10268.1	260.0	-51.5	99.9	270.2	43.4*	43.4	-0.1	325.8	999.9	99.9	999.9	61.4	93.
34.2	96.0	10419.4	254.0	-52.3	99.9	270.5	41.9*	41.9	-0.4	326.8	999.9	99.9	999.9	62.5	93.
34.6	97.0	10547.7	249.0	-53.4	99.9	269.8	38.9*	38.9	0.1	327.1	999.9	99.9	999.9	63.7	93.
35.0	98.0	10651.8	245.0	-54.0	99.9	268.1	36.0*	36.0	1.2	327.6	999.9	99.9	999.9	64.3	93.
35.4	99.0	10783.8	240.0	-55.2	99.9	265.7	37.4*	37.3	2.8	327.9	999.9	99.9	999.9	65.1	93.
35.8	100.0	10918.0	235.0	-56.0	99.9	264.2	40.6*	40.4	4.1	328.6	999.9	99.9	999.9	66.0	93.
36.1	101.0	11054.3	230.0	-57.5	99.9	263.6	42.7*	42.4	4.8	328.3	999.9	99.9	999.9	66.7	93.
36.5	102.0	11165.0	226.0	-58.0	99.9	263.5	43.7*	43.4	5.0	329.2	999.9	99.9	999.9	68.0	93.
36.8	103.0	11305.5	221.0	-59.4	99.9	263.9	42.8*	42.5	4.6	329.2	999.9	99.9	999.9	68.8	93.
37.2	104.0	11448.8	216.0	-59.6	99.9	264.5	42.8*	42.6	4.1	331.1	999.9	99.9	999.9	69.6	92.
37.6	105.0	11565.6	212.0	-59.9	99.9	264.9	44.5*	44.4	4.0	332.3	999.9	99.9	999.9	70.5	92.
38.1	106.0	11685.4	208.0	-56.8	99.9	264.2	47.9*	47.7	4.9	339.0	999.9	99.9	999.9	72.0	92.
38.5	107.0	11808.6	204.0	-56.3	99.9	263.0	49.1*	48.7	6.0	341.7	999.9	99.9	999.9	73.4	92.
38.8	108.0	11934.2	200.0	-56.8	99.9	262.3	48.4*	48.0	6.5	342.8	999.9	99.9	999.9	74.1	92.
39.2	109.0	12094.6	195.0	-57.0	99.9	261.9	47.5*	47.0	6.7	345.0	999.9	99.9	999.9	75.3	92.
39.7	110.0	12192.5	192.0	-58.2	99.9	262.9	47.0*	46.7	5.8	344.7	999.9	99.9	999.9	76.6	92.
40.1	111.0	12358.5	187.0	-58.5	99.9	264.8	47.9*	47.6	4.4	346.7	999.9	99.9	999.9	77.6	91.
40.6	112.0	12494.5	183.0	-58.3	99.9	266.7	49.7*	49.6	2.9	349.1	999.9	99.9	999.9	79.2	91.
40.9	113.0	12633.5	179.0	-58.5	99.9	266.5	49.9*	49.8	3.0	351.1	999.9	99.9	999.9	80.0	91.
41.3	114.0	12775.8	175.0	-58.0	99.9	264.6	46.8*	46.6	4.4	354.2	999.9	99.9	999.9	81.4	91.
41.6	115.0	12884.6	172.0	-58.5	99.9	262.5	43.6*	43.2	5.7	355.1	999.9	99.9	999.9	82.4	91.
42.1	116.0	13070.3	167.0	-58.0	99.9	259.7	38.6*	38.0	0.9	359.0	999.9	99.9	999.9	83.4	91.
42.5	117.0	13223.1	163.0	-58.0	99.9	260.3	37.9*	37.4	6.4	361.5	999.9	99.9	999.9	83.6	91.
42.8	113.0	13340.2	160.0	-57.7	99.9	262.5	39.1*	38.8	5.1	364.0	999.9	99.9	999.9	85.0	91.
43.1	119.0	13500.0	156.0	-57.7	99.9	264.9	40.3*	40.2	2.6	366.6	999.9	99.9	999.9	85.9	91.
43.5	120.0	13622.7	153.0	-57.5	99.9	268.5	42.1*	42.1	1.1	368.9	999.9	99.9	999.9	86.0	91.
43.9	121.0	13747.8	150.0	-57.5	99.9	271.9	43.3*	43.3	-1.4	371.0	999.9	99.9	999.9	87.7	91.
44.2	122.0	13917.9	146.0	-58.9	99.9	273.7	43.1*	43.0	-2.8	371.5	999.9	99.9	999.9	88.5	91.
44.7	123.0	14048.0	143.0	-59.7	99.9	275.3	41.0*	40.8	-3.8	372.2	999.9	99.9	999.9	89.7	91.
45.0	124.0	14180.5	140.0	-59.9	99.9	275.4	38.9*	38.8	-3.7	374.2	999.9	99.9	999.9	90.3	91.
45.3	125.0	14315.0	137.0	-62.5	99.9	274.6	35.7*	35.5	-2.9	372.0	999.9	99.9	999.9	91.1	91.
45.8	126.0	14497.4	133.0	-63.4	99.9	272.2	31.0*	31.0	-1.2	373.5	999.9	99.9	999.9	92.3	91.
46.2	127.0	14637.7	130.0	-63.0	99.9	269.5	32.0*	32.0	0.3	376.6	999.9	99.9	999.9	92.7	91.
46.6	128.0	14781.2	127.0	-63.8	99.9	267.6	38.7*	38.7	1.6	377.8	999.9	99.9	999.9	93.0	91.
46.9	129.0	14927.7	124.0	-64.0	99.9	267.0	46.9*	46.9	2.5	380.0	999.9	99.9	999.9	93.9	91.
47.2	130.0	15077.5	121.0	-64.6	99.9	266.5	51.4*	51.3	0.2	381.6	999.9	99.9	999.9	95.1	91.
47.7	131.0	15282.8	117.0	-65.0	99.9	265.7	51.7*	51.5	3.9	384.6	999.9	99.9	999.9	97.1	91.
48.0	132.0	15440.6	114.0	-66.4	99.9	265.2	48.2*	48.0	4.0	384.8	999.9	99.9	999.9	98.0	91.
48.4	133.0	15547.8	112.0	-66.6	99.9	265.7	45.6*	45.5	3.4	386.4	999.9	99.9	999.9	98.8	91.
48.7	134.0	15711.8	109.0	-67.4	99.9	266.2	45.5*	45.4	3.0	387.9	999.9	99.9	999.9	99.5	91.
49.2	135.0	15879.7	106.0	-68.0	99.9	266.8	45.9*	45.8	2.6	389.8	999.9	99.9	999.9	101.1	91.
49.7	136.0	16052.0	103.0	-68.4	99.9	266.8	45.2*	45.2	2.5	392.2	999.9	99.9	999.9	102.5	91.
50.0	137.0	16229.1	100.0	-68.9	99.9	266.9	44.9*	44.9	2.4	394.7	999.9	99.9	999.9	102.7	91.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

6 FEBRUARY 1975  
2315 GMT

167 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PNT T DG K	E PNT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
50.6	138.0	16411.0	57.0	-69.8	99.9	268.3	49.1*	49.0	1.4	396.4	999.9	99.9	999.9	105.0	90.
51.2	139.0	16598.5	94.0	-68.9	99.9	270.4	49.8*	49.8	-0.3	401.7	999.9	99.9	999.9	106.6	90.
51.7	140.0	16792.2	91.0	-69.8	99.9	272.9	42.7*	42.7	-2.2	403.7	999.9	99.9	999.9	108.5	90.
52.1	141.0	16992.6	88.0	-68.4	99.9	276.4	35.0*	34.7	-3.9	410.2	999.9	99.9	999.9	109.4	90.
52.6	142.0	17201.1	85.0	-67.4	99.9	281.1	29.3*	28.7	-5.7	416.5	999.9	99.9	999.9	109.7	91.
53.1	143.0	17417.2	82.0	-68.2	99.9	283.3	26.8*	26.0	-6.2	419.0	999.9	99.9	999.9	111.0	91.
53.6	144.0	17565.4	80.0	-68.2	99.9	281.9	24.7*	24.2	-5.1	422.0	999.9	99.9	999.9	111.7	91.
54.2	145.0	17793.5	77.0	-70.7	99.9	274.3	28.3*	28.2	-2.1	421.6	999.9	99.9	999.9	112.2	91.
54.7	146.0	18030.5	74.0	-68.4	99.9	267.8	32.2*	32.2	1.2	431.1	999.9	99.9	999.9	113.4	91.
55.2	147.0	18194.3	72.0	-69.5	99.9	263.1	32.2*	32.0	1.7	432.2	999.9	99.9	999.9	114.5	91.
55.8	148.0	18448.0	69.0	-69.8	99.9	264.5	31.9*	31.7	3.0	437.0	999.9	99.9	999.9	115.2	91.
56.5	149.0	18713.7	66.0	-68.4	99.9	272.1	34.6*	34.5	-1.3	445.4	999.9	99.9	999.9	117.6	91.
57.1	150.0	18899.1	64.0	-66.6	99.9	270.5	31.3*	31.3	-0.3	453.5	999.9	99.9	999.9	117.7	91.
57.8	151.0	19189.6	61.0	-66.6	99.9	262.5	19.4*	19.2	2.5	459.8	999.9	99.9	999.9	119.5	91.
58.4	152.0	19292.6	59.0	-64.0	99.9	256.2	13.8*	13.4	3.3	470.0	999.9	99.9	999.9	119.3	91.
59.1	153.0	19713.5	56.0	-62.5	99.9	255.3	13.5*	13.0	3.4	480.5	999.9	99.9	999.9	120.6	90.
59.9	154.0	19938.1	54.0	-62.1	99.9	249.3	12.3*	11.5	4.4	486.4	999.9	99.9	999.9	121.0	90.
60.6	155.0	20171.3	52.0	-62.5	99.9	247.6	13.9*	12.9	5.3	490.8	999.9	99.9	999.9	121.1	90.
61.4	156.0	20537.8	49.0	-62.6	99.9	252.0	9.1*	8.7	2.8	498.8	999.9	99.9	999.9	122.0	90.
62.2	157.0	20795.0	47.0	-62.3	99.9	264.4	13.4*	13.3	1.3	505.6	999.9	99.9	999.9	122.1	90.
63.0	158.0	21063.6	45.0	-62.3	99.9	265.3	13.3*	13.2	1.1	512.0	999.9	99.9	999.9	123.5	90.
64.0	159.0	21343.7	43.0	-63.4	99.9	260.9	15.6*	15.4	2.5	515.9	999.9	99.9	999.9	123.9	90.
64.9	160.0	21789.0	40.0	-62.5	99.9	263.0	23.2*	28.0	3.4	529.0	999.9	99.9	999.9	125.0	90.
65.9	161.0	22105.3	38.0	-62.8	99.9	267.1	24.9*	24.9	1.3	535.9	999.9	99.9	999.9	126.8	90.
66.8	162.0	22438.2	36.0	-63.0	99.9	276.2	9.0*	9.0	-1.0	543.8	999.9	99.9	999.9	127.8	90.
67.8	163.0	22790.5	34.0	-62.5	99.9	262.7	13.1*	13.0	1.7	554.2	999.9	99.9	999.9	128.1	90.
68.8	164.0	23360.6	31.0	-62.5	99.9	246.4	16.3*	15.0	6.5	569.0	999.9	99.9	999.9	128.9	90.
69.9	165.0	23772.2	29.0	-62.5	99.9	253.4	31.4*	30.1	9.0	580.0	999.9	99.9	999.9	129.7	90.
71.1	166.0	24215.7	27.0	-60.1	99.9	266.1	22.4*	22.3	1.5	598.6	999.9	99.9	999.9	131.8	89.
72.3	167.0	24655.4	25.0	-60.6	99.9	273.8	14.9*	14.9	-1.0	610.4	999.9	99.9	999.9	133.9	89.
73.7	168.0	25216.2	23.0	-59.2	99.9	999.9	99.9	99.9	99.9	629.3	999.9	99.9	999.9	999.9	999.
75.3	169.0	25786.3	21.0	-59.2	99.9	999.9	99.9	99.9	99.9	645.9	999.9	99.9	999.9	999.9	999.

STATION NO. 240  
LAKE CHARLES, LA

7 FEBRUARY 1975  
515 GMT

150 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	2.7	5.0	1025.2	1.7	-4.4	350.0	6.2	1.1	-6.1	273.3	280.2	2.7	64.0	0.0	0.
0.1	3.0	38.2	1021.0	2.9	-5.2	350.4	10.3	1.7	-10.2	274.8	281.4	2.6	55.2	0.2	165.
0.5	4.0	141.6	1008.0	1.0	-6.4	350.4	10.3	1.7	-10.2	273.8	279.9	2.3	57.7	0.2	165.
0.8	5.0	237.7	996.0	-0.2	-6.7	352.2	10.4	1.4	-10.3	273.6	279.7	2.3	61.3	0.4	167.
1.2	6.0	367.1	980.0	-1.4	-7.1	356.0	10.5	0.7	-10.5	273.6	279.6	2.3	65.5	0.7	170.
1.5	7.0	465.1	968.0	-2.2	-7.7	360.0	10.5	0.0	-10.5	273.7	279.5	2.2	66.0	0.9	171.
1.8	8.0	572.4	955.0	-3.0	-7.6	1.9	10.8	-0.4	-10.8	274.0	279.9	2.3	70.4	1.1	173.
2.2	9.0	672.4	943.0	-4.1	-7.5	3.1	11.3	-0.6	-11.3	273.9	279.8	2.2	74.5	1.3	175.
2.5	10.0	773.2	931.0	-5.3	-8.2	3.2	11.8	-0.7	-11.8	273.7	279.4	2.2	75.7	1.5	176.
2.9	11.0	892.2	917.0	-5.7	-7.7	357.6	11.9	0.5	-11.8	274.4	280.5	2.3	86.0	1.8	177.
3.3	12.0	1004.8	904.0	-2.4	-11.3	347.8	11.6	2.5	-11.4	278.9	283.8	1.8	50.3	2.1	177.
3.7	13.0	1102.3	893.0	-0.8	-10.0	339.2	11.3	4.0	-10.6	281.6	287.0	2.0	49.5	2.4	175.
4.0	14.0	1210.5	881.0	-0.0	-9.5	334.5	11.0	4.7	-9.9	283.5	289.1	2.0	47.2	2.6	174.
4.3	15.0	1311.6	870.0	2.3	-9.4	331.6	10.2	4.9	-9.0	286.9	292.9	2.2	41.6	2.7	172.
4.7	16.0	1452.2	855.0	2.6	-12.1	328.1	9.8	5.2	-8.3	288.6	293.6	1.8	32.8	2.9	170.
5.1	17.0	1556.8	844.0	2.3	-12.9	326.1	10.1	5.6	-8.3	289.3	294.1	1.7	31.4	3.2	169.
5.4	18.0	1662.6	833.0	1.8	-14.1	326.3	10.4	5.8	-8.7	289.9	294.3	1.5	29.6	3.3	167.
5.7	19.0	1769.7	822.0	1.1	-14.7	325.6	10.3	5.8	-8.5	290.3	294.6	1.5	29.6	3.5	166.
6.1	20.0	1877.9	811.0	0.6	-15.7	323.6	9.9	5.9	-8.0	290.9	294.9	1.4	28.1	3.7	165.
6.5	21.0	2007.5	798.0	-0.0	-16.6	320.2	10.2	6.5	-7.8	291.5	295.3	1.3	27.3	4.0	164.
6.9	22.0	2118.4	787.0	-0.8	-17.2	318.7	10.2	6.7	-7.6	291.8	295.5	1.2	27.3	4.2	162.
7.2	23.0	2230.6	776.0	-1.8	-18.1	317.9	10.1	6.8	-7.5	292.0	295.4	1.2	27.4	4.4	161.
7.6	24.0	2344.1	765.0	-2.2	-18.5	316.6	10.1	6.9	-7.4	292.6	296.1	1.2	27.4	4.6	160.
7.9	25.0	2448.5	755.0	-2.4	-18.6	315.0	10.2	7.2	-7.2	293.6	297.0	1.2	27.4	4.7	159.
8.4	26.0	2586.1	742.0	-3.3	-19.4	309.8	10.6	8.2	-6.8	294.0	297.3	1.1	27.4	5.0	158.
8.7	27.0	2704.1	731.0	-4.1	-19.6	305.2	11.1	9.1	-6.4	294.4	297.7	1.1	28.2	5.2	157.
9.0	28.0	2812.5	721.0	-5.0	-20.2	300.2	11.7	10.1	-5.9	294.6	297.8	1.1	29.0	5.4	155.
9.3	29.0	2922.3	711.0	-5.1	-21.5	294.8	13.0	11.8	-5.5	295.6	298.5	1.0	26.3	5.5	154.
9.7	30.0	3044.8	700.0	-4.8	-21.6	289.6	15.6	14.7	-5.2	297.2	300.2	1.0	25.5	5.8	152.
10.1	31.0	3158.0	690.0	-4.7	-21.8	286.5	19.1	18.3	-5.4	298.6	301.6	1.0	24.7	6.0	149.
10.4	32.0	3272.9	680.0	-4.5	-21.7	285.3	22.2	21.4	-5.9	300.0	303.1	1.0	24.7	6.3	147.
10.8	33.0	3389.6	670.0	-4.4	-21.0	283.6	26.2	25.5	-6.2	301.5	304.8	1.1	25.9	6.8	144.
11.2	34.0	3496.1	661.0	-4.2	-20.0	281.4	29.5	28.9	-5.8	302.8	306.5	1.2	27.8	7.3	140.
11.5	35.0	3616.3	651.0	-4.4	-20.0	279.5	31.5	31.0	-5.2	304.0	307.7	1.2	28.2	7.8	138.
12.0	36.0	3762.6	639.0	-5.3	-20.4	276.3	33.0	32.8	-3.6	304.6	308.3	1.2	29.3	8.6	133.
12.4	37.0	3886.2	629.0	-6.2	-20.9	275.0	33.2	33.1	-2.9	304.9	308.5	1.1	30.1	9.2	130.
12.8	38.0	3998.9	620.0	-6.8	-20.6	274.1	32.8	32.7	-2.3	305.5	309.2	1.2	32.1	9.9	127.
13.2	39.0	4113.0	611.0	-7.1	-20.6	273.3	32.0	31.9	-1.8	306.4	310.2	1.2	33.1	10.6	125.
13.5	40.0	4228.5	602.0	-8.1	-21.2	272.7	31.1	31.1	-1.5	306.5	310.2	1.2	34.0	11.0	124.
14.1	41.0	4384.9	590.0	-8.1	-21.0	273.7	30.5	30.4	-2.0	308.3	312.1	1.2	34.6	11.9	121.
14.4	42.0	4504.3	581.0	-8.3	-21.5	275.1	30.8	30.7	-2.7	309.5	313.1	1.1	32.1	12.4	120.
14.7	43.0	4625.5	572.0	-8.1	-21.5	276.4	31.3	31.1	-3.5	311.1	314.9	1.2	33.1	12.9	119.
15.1	44.0	4748.5	563.0	-9.0	-21.4	277.6	31.9	31.6	-4.2	311.4	315.4	1.2	35.8	13.7	118.
15.5	45.0	4873.0	554.0	-10.0	-21.5	277.7	32.1	31.8	-4.3	311.7	315.6	1.2	38.4	14.4	117.
15.9	46.0	4985.0	546.0	-11.2	-21.9	276.3	31.9	31.7	-3.5	311.6	315.5	1.2	40.6	15.2	116.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 240  
LAKE CHARLES, LA

7 FEBRUARY 1975  
515 GMT

150 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.2	47.0	5112.5	537.0	-11.9	-22.1	275.1	31.9	31.8	-2.9	312.2	316.1	1.2	42.1	15.7	115.
16.6	48.0	5241.8	528.0	-12.4	-23.2	273.6	32.3	32.2	-2.0	313.1	316.7	1.1	40.1	16.3	114.
16.9	49.0	5358.3	520.0	-13.1	-23.3	272.8	32.9	32.8	-1.6	313.6	317.2	1.1	42.2	17.0	113.
17.3	50.0	5476.3	512.0	-13.8	-24.4	272.2	33.5	33.5	-1.3	314.1	317.5	1.0	40.3	17.7	112.
17.8	51.0	5625.9	502.0	-14.7	-25.7	271.5	33.8	33.8	-0.9	314.8	317.9	0.9	38.4	18.6	111.
18.2	52.0	5762.7	493.0	-15.5	-26.1	271.0	33.5	33.5	-0.6	315.5	318.5	0.9	39.5	19.4	110.
18.6	53.0	5886.0	485.0	-16.6	-26.8	270.4	32.8	32.8	-0.3	315.6	318.5	0.9	40.6	20.2	110.
18.9	54.0	6010.9	477.0	-17.3	-28.6	270.3	32.0	32.0	-0.2	316.2	318.7	0.8	36.6	20.7	109.
19.3	55.0	6121.5	470.0	-18.1	-29.4	269.8	30.0	30.0	0.1	316.5	318.9	0.7	36.1	21.4	108.
19.8	56.0	6281.9	460.0	-19.2	-30.7	269.7	28.5	28.5	0.2	317.1	319.3	0.6	35.3	22.4	108.
20.2	57.0	6412.2	452.0	-20.1	-31.7	271.4	30.8	30.8	-0.8	317.5	319.5	0.6	34.7	22.7	107.
20.6	58.0	6527.6	445.0	-21.5	-32.8	273.9	35.7	35.6	-2.4	317.3	319.1	0.5	35.0	23.1	107.
21.0	59.0	6661.1	437.0	-22.4	-33.7	275.7	40.1	39.9	-4.0	317.7	319.4	0.5	34.7	25.0	106.
21.4	60.0	6779.4	430.0	-23.7	-34.6	275.6	39.0	38.8	-3.8	317.5	319.1	0.5	36.0	25.6	106.
21.8	61.0	6916.4	422.0	-24.8	-35.3	275.1	36.7	36.5	-3.3	317.8	319.4	0.4	36.9	26.4	105.
22.2	62.0	7037.8	415.0	-26.0	-35.9	274.7	34.5	34.4	-2.8	317.8	319.3	0.4	38.6	27.3	105.
22.7	63.0	7178.4	407.0	-27.1	-36.5	274.3	32.6	32.5	-2.5	318.2	319.6	0.4	40.0	28.2	105.
23.1	64.0	7303.2	400.0	-28.2	-37.0	273.6	31.6	31.5	-2.0	318.3	319.6	0.4	42.3	29.0	105.
23.6	65.0	7429.6	393.0	-29.6	-38.6	272.6	32.6	32.6	-1.5	319.1	319.3	0.3	40.9	29.9	104.
24.1	66.0	7576.1	385.0	-30.4	-39.7	272.9	36.7	36.7	-1.9	319.0	320.1	0.3	39.0	30.7	104.
24.6	67.0	7725.4	377.0	-30.5	-41.3	273.1	39.9	39.8	-2.1	320.7	321.7	0.3	33.6	32.1	103.
24.9	68.0	7839.2	371.0	-31.4	-42.3	272.5	39.7	39.6	-1.7	321.0	321.8	0.2	32.8	32.8	103.
25.4	69.0	7973.8	364.0	-32.6	-43.6	270.8	37.7	37.6	-0.5	321.1	321.9	0.2	32.0	34.0	103.
25.8	70.0	8110.4	357.0	-33.5	-44.5	269.6	37.4	37.4	0.3	321.7	322.4	0.2	31.7	34.8	102.
26.3	71.0	8269.1	349.0	-34.7	-45.7	268.9	39.3	39.3	0.8	322.1	322.8	0.2	31.4	35.8	102.
26.7	72.0	8410.3	342.0	-35.7	-46.6	268.5	40.5	40.5	1.0	322.7	323.3	0.2	31.1	36.8	102.
27.2	73.0	8533.2	336.0	-36.7	-47.5	267.7	39.3	39.2	1.6	322.9	323.5	0.2	31.4	38.2	101.
27.6	74.0	8657.6	330.0	-38.2	-48.6	266.9	37.1	37.0	2.0	322.5	323.0	0.1	32.3	39.1	101.
28.1	75.0	8804.8	323.0	-39.3	-49.5	266.6	37.1	37.0	2.2	323.0	323.5	0.1	32.5	39.8	101.
28.4	76.0	8933.0	317.0	-40.2	-49.9	266.9	39.2	39.2	2.1	323.5	999.9	99.9	999.9	40.5	100.
28.9	77.0	9062.9	311.0	-41.8	-49.9	266.9	41.6	41.5	2.2	323.2	999.9	99.9	999.9	41.8	100.
29.3	78.0	9194.5	305.0	-43.2	-49.9	266.0	40.3	40.2	2.8	323.0	999.9	99.9	999.9	42.9	100.
29.7	79.0	9328.0	299.0	-44.4	-49.9	264.2	38.1	37.9	3.8	323.1	999.9	99.9	999.9	43.8	99.
30.1	80.0	9463.7	293.0	-44.8	-49.9	262.3	36.4	36.1	4.9	324.4	999.9	99.9	999.9	44.5	99.
30.7	81.0	9625.0	286.0	-46.1	-49.9	262.0	38.3	37.9	5.4	324.8	999.9	99.9	999.9	45.8	98.
31.1	82.0	9765.7	280.0	-47.0	-49.9	262.9	41.0	40.7	5.1	325.5	999.9	99.9	999.9	46.7	98.
31.6	83.0	9884.8	275.0	-48.0	-49.9	263.5	43.6	43.3	4.9	325.7	999.9	99.9	999.9	47.8	98.
31.9	84.0	10029.8	269.0	-49.3	-49.9	262.9	43.3	43.0	5.3	325.8	999.9	99.9	999.9	48.9	98.
32.4	85.0	10152.5	264.0	-50.6	-49.9	260.8	39.8	39.3	6.4	325.8	999.9	99.9	999.9	50.1	97.
32.9	86.0	10327.1	257.0	-52.1	-49.9	259.3	36.0	35.3	6.6	326.1	999.9	99.9	999.9	51.0	97.
33.3	87.0	10454.0	252.0	-53.0	-49.9	259.3	35.1	34.5	6.5	326.5	999.9	99.9	999.9	51.9	96.
33.7	88.0	10609.1	246.0	-53.8	-49.9	259.8	37.1	36.5	6.5	327.6	999.9	99.9	999.9	52.6	96.
34.1	89.0	10740.8	241.0	-54.6	-49.9	260.6	41.9	41.3	6.8	328.3	999.9	99.9	999.9	53.2	96.
34.5	90.0	10874.7	236.0	-55.6	-49.9	261.8	48.2	47.7	6.9	328.8	999.9	99.9	999.9	54.6	96.
34.9	91.0	11010.9	231.0	-56.4	-49.9	263.6	51.6	51.3	5.8	329.6	999.9	99.9	999.9	55.7	95.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

7 FEBRUARY 1975  
515 GMT

150 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.3	92.0	11150.0	226.0	-56.1	99.9	265.3	51.9	51.8	4.3	332.2	999.9	99.9	999.9	57.0	95.
35.7	93.0	11263.7	222.0	-55.3	99.9	266.8	49.7	49.7	2.8	335.1	999.9	99.9	999.9	58.3	95.
36.1	94.0	11408.9	217.0	-56.1	99.9	267.8	45.6	45.6	1.8	336.1	999.9	99.9	999.9	59.4	95.
36.5	95.0	11556.8	212.0	-56.9	99.9	267.9	40.1	40.1	1.5	337.0	999.9	99.9	999.9	60.7	95.
37.0	96.0	11739.4	206.0	-55.1	99.9	266.3	35.2	35.2	2.2	342.6	999.9	99.9	999.9	61.6	95.
37.4	97.0	11864.6	202.0	-55.3	99.9	265.7	38.0	37.8	2.9	344.3	999.9	99.9	999.9	62.3	94.
37.8	98.0	12024.8	197.0	-54.6	99.9	266.0	44.2	44.1	3.1	347.8	999.9	99.9	999.9	63.0	94.
38.2	99.0	12156.0	193.0	-55.1	99.9	266.5	48.5	48.4	2.9	349.1	999.9	99.9	999.9	64.2	94.
38.6	100.0	12323.4	188.0	-55.7	99.9	266.9	46.9	46.9	2.5	350.7	999.9	99.9	999.9	65.9	94.
39.0	101.0	12494.6	183.0	-56.9	99.9	266.8	37.5	37.5	2.1	351.5	999.9	99.9	999.9	67.3	94.
39.4	102.0	12634.5	179.0	-57.2	99.9	265.9	30.6	30.6	2.2	353.2	999.9	99.9	999.9	67.6	94.
39.7	103.0	12777.4	175.0	-57.4	99.9	265.4	32.3	32.2	2.6	355.2	999.9	99.9	999.9	67.8	94.
40.2	104.0	12923.3	171.0	-57.9	99.9	265.4	44.2*	44.1	3.5	356.7	999.9	99.9	999.9	68.6	94.
40.6	105.0	13110.2	166.0	-58.4	99.9	265.8	55.9*	55.8	4.1	358.9	999.9	99.9	999.9	70.0	93.
40.8	106.0	13224.6	163.0	-59.3	99.9	266.0	59.1*	59.0	4.1	359.3	999.9	99.9	999.9	70.8	93.
41.1	107.0	13380.1	159.0	-59.8	99.9	266.3	61.5*	61.4	4.0	361.0	999.9	99.9	999.9	72.1	93.
41.6	108.0	13539.6	155.0	-58.9	99.9	267.6	56.4*	56.3	2.4	365.1	999.9	99.9	999.9	74.2	93.
42.0	109.0	13703.7	151.0	-58.9	99.9	269.9	49.7*	49.7	0.1	367.8	999.9	99.9	999.9	75.0	93.
42.3	110.0	13829.5	148.0	-59.3	99.9	271.8	45.5*	45.5	-1.5	369.4	999.9	99.9	999.9	76.1	93.
42.9	111.0	14044.6	143.0	-59.6	99.9	273.6	39.0*	38.9	-2.5	372.4	999.9	99.9	999.9	77.5	93.
43.3	112.0	14176.7	140.0	-61.1	99.9	271.8	37.3*	37.3	-1.2	372.2	999.9	99.9	999.9	78.3	93.
43.7	113.0	14356.4	136.0	-62.0	99.9	269.2	37.1*	37.1	0.5	373.6	999.9	99.9	999.9	79.2	93.
44.0	114.0	14493.8	133.0	-63.7	99.9	267.4	37.5*	37.4	1.7	373.0	999.9	99.9	999.9	79.9	93.
44.3	115.0	14633.8	130.0	-63.7	99.9	266.3	37.0*	37.0	2.4	375.5	999.9	99.9	999.9	80.6	93.
44.8	116.0	14825.3	126.0	-64.2	99.9	264.6	35.6*	35.4	3.4	377.8	999.9	99.9	999.9	81.7	93.
45.3	117.0	15022.3	122.0	-65.2	99.9	263.3	33.6*	33.4	3.9	379.5	999.9	99.9	999.9	82.8	93.
45.7	118.0	15173.7	119.0	-65.8	99.9	263.4	32.5*	32.2	3.7	381.1	999.9	99.9	999.9	83.5	93.
46.2	119.0	15328.7	116.0	-66.0	99.9	265.9	32.0*	32.0	2.3	383.5	999.9	99.9	999.9	84.4	93.
46.6	120.0	15487.4	113.0	-66.6	99.9	269.1	32.7*	32.7	0.5	385.3	999.9	99.9	999.9	85.2	92.
47.1	121.0	15649.7	110.0	-67.9	99.9	273.3	34.4*	34.4	-2.0	385.9	999.9	99.9	999.9	86.1	92.
47.4	122.0	15815.3	107.0	-69.4	99.9	275.4	35.8*	35.6	-3.4	386.1	999.9	99.9	999.9	86.9	92.
47.9	123.0	15985.2	104.0	-69.2	99.9	276.6	39.2*	38.9	-4.5	389.7	999.9	99.9	999.9	87.8	93.
48.4	124.0	16100.7	102.0	-70.7	99.9	274.7	43.5*	43.4	-3.5	388.9	999.9	99.9	999.9	89.2	93.
48.9	125.0	16277.1	99.0	-72.1	99.9	273.2	45.8*	45.8	-2.5	389.5	999.9	99.9	999.9	90.4	93.
49.3	126.0	16519.7	95.0	-72.6	99.9	275.0	43.9*	43.8	-3.9	393.2	999.9	99.9	999.9	91.8	93.
49.9	127.0	16644.7	93.0	-72.6	99.9	280.5	39.8*	39.1	-7.3	395.6	999.9	99.9	999.9	93.2	93.
50.4	128.0	16837.7	90.0	-71.9	99.9	281.4	40.0*	39.2	-7.9	400.8	999.9	99.9	999.9	94.1	93.
50.9	129.0	16970.4	88.0	-71.4	99.9	280.1	39.6*	39.0	-6.9	404.3	999.9	99.9	999.9	95.6	93.
51.4	130.0	17175.8	85.0	-70.5	99.9	279.9	33.2*	32.7	-5.7	410.2	999.9	99.9	999.9	96.8	93.
52.2	131.0	17389.8	82.0	-69.2	99.9	279.0	18.0*	17.8	-2.8	417.1	999.9	99.9	999.9	98.0	93.
52.7	132.0	17537.5	80.0	-68.5	99.9	272.3	16.6*	16.6	-0.7	421.4	999.9	99.9	999.9	98.2	93.
53.2	133.0	17766.6	77.0	-68.5	99.9	266.7	22.5*	22.5	1.3	426.0	999.9	99.9	999.9	98.4	93.
53.8	134.0	17924.1	75.0	-69.4	99.9	263.3	26.6*	26.4	3.1	427.4	999.9	99.9	999.9	100.0	93.
54.2	135.0	18085.4	73.0	-69.4	99.9	261.3	25.4*	25.1	3.9	430.8	999.9	99.9	999.9	100.4	93.
55.0	136.0	18335.3	70.0	-70.3	99.9	256.3	20.9*	20.3	4.9	434.1	999.9	99.9	999.9	102.1	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

7 FEBRUARY 1975  
515 GMT

150 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
55.8	137.0	18507.7	68.0	-69.8	99.9	263.1	17.9*	17.8	2.1	438.6	999.9	99.9	999.9	102.2	93.
56.5	138.0	18777.5	65.0	-68.3	99.9	274.0	16.6*	16.5	-1.2	447.7	999.9	99.9	999.9	103.5	93.
57.2	139.0	18965.1	63.0	-68.1	99.9	274.3	19.6*	19.6	-1.5	452.2	999.9	99.9	999.9	103.5	93.
58.0	140.0	19257.7	60.0	-68.7	99.9	270.3	24.2*	24.2	-0.1	457.1	999.9	99.9	999.9	105.0	93.
58.8	141.0	19461.3	58.0	-67.5	99.9	271.0	18.7*	18.7	-0.3	464.4	999.9	99.9	999.9	106.1	93.
59.6	142.0	19672.7	56.0	-67.5	99.9	268.4	20.5*	20.5	0.6	469.1	999.9	99.9	999.9	106.4	93.
60.2	143.0	19891.3	54.0	-68.5	99.9	262.9	20.4*	20.2	2.5	471.6	999.9	99.9	999.9	107.9	93.
61.1	144.0	20235.0	51.0	-67.3	99.9	264.5	27.8*	27.7	2.7	482.3	999.9	99.9	999.9	108.3	92.
61.8	145.0	20476.7	49.0	-66.4	99.9	265.8	29.9*	29.8	2.2	489.8	999.9	99.9	999.9	110.2	92.
62.8	146.0	20729.7	47.0	-65.4	99.9	256.2	15.1*	14.7	3.6	498.1	999.9	99.9	999.9	111.6	92.
63.8	147.0	20994.8	45.0	-64.6	99.9	265.5	16.8*	16.7	1.3	506.2	999.9	99.9	999.9	111.9	92.
64.7	148.0	21273.8	43.0	-62.5	99.9	270.2	24.3	24.3	-0.1	518.0	999.9	99.9	999.9	113.3	92.
65.7	149.0	21567.8	41.0	-62.4	99.9	254.2	19.6	18.8	5.3	525.6	999.9	99.9	999.9	114.8	92.
66.7	150.0	21878.1	39.0	-60.4	99.9	999.9	99.9	99.9	99.9	538.2	999.9	99.9	999.9	999.9	999.
67.6	151.0	22205.9	37.0	-60.7	99.9	999.9	99.9	99.9	99.9	545.4	999.9	99.9	999.9	999.9	999.

STATION NO. 240  
LAKE CHARLES, LA

7 FEBRUARY 1975  
1115 GMT

154 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	2.7	5.0	1026.6	-1.7	-6.6	360.0	8.8	0.0	-8.8	269.7	275.5	2.3	69.0	0.0	0.
0.3	3.0	32.9	1023.0	-2.2	-7.3	6.1	14.0	-1.5	-13.9	269.5	275.1	2.2	67.9	0.3	169.
0.5	4.0	134.5	1010.0	-2.6	-7.5	6.1	14.0	-1.5	-13.9	270.0	275.4	2.1	66.9	0.3	169.
0.8	5.0	237.2	997.0	-3.1	-8.5	4.3	11.4	-0.8	-11.4	270.5	275.8	2.0	66.0	0.5	177.
1.3	6.0	357.0	982.0	-4.0	-9.6	4.7	8.4	-0.7	-8.3	270.8	275.7	1.9	65.1	0.8	179.
1.7	7.0	462.3	969.0	-3.6	-9.3	10.9	7.4	-1.4	-7.3	272.3	277.4	2.0	64.5	1.0	180.
2.0	8.0	560.7	957.0	-4.0	-9.3	17.4	7.4	-2.2	-7.0	272.8	278.0	2.0	66.6	1.1	182.
2.4	9.0	660.3	945.0	-4.5	-8.7	18.6	6.7	-2.1	-6.3	273.3	278.8	2.1	72.0	1.2	184.
2.7	10.0	761.1	933.0	-3.9	-10.1	15.6	7.7	-2.1	-7.5	274.9	280.0	1.9	61.6	1.4	185.
3.2	11.0	889.3	918.0	-2.8	-12.3	7.7	9.9	-1.3	-9.8	277.3	281.7	1.6	47.8	1.6	187.
3.5	12.0	994.3	906.0	1.0	-10.8	1.7	10.4	-0.3	-10.4	282.2	287.3	1.8	40.8	1.8	187.
3.9	13.0	1101.7	894.0	1.8	-12.5	356.8	10.9	0.6	-10.8	284.1	288.7	1.6	33.5	2.1	185.
4.2	14.0	1201.5	883.0	1.8	-13.9	355.8	11.4	0.8	-11.4	285.1	289.3	1.5	30.0	2.3	185.
4.6	15.0	1311.7	871.0	1.3	-19.4	354.4	11.8	1.1	-11.7	285.6	288.4	0.9	19.6	2.6	184.
5.0	16.0	1442.3	857.0	2.6	-31.4	347.2	10.6	2.4	-10.4	288.3	289.3	0.3	5.9	2.8	183.
5.5	17.0	1546.7	846.0	3.0	-28.6	344.3	11.6	3.1	-11.2	289.7	291.0	0.4	7.6	3.1	181.
5.8	18.0	1662.2	834.0	2.5	-24.0	344.0	12.6	3.5	-12.1	290.4	292.4	0.7	12.0	3.4	180.
6.3	19.0	1779.1	822.0	1.8	-24.0	337.7	11.9	4.5	-11.0	290.9	292.9	0.7	12.6	3.7	178.
6.5	20.0	1887.5	811.0	1.2	-24.4	332.8	11.0	5.0	-9.8	291.3	293.3	0.6	12.7	3.9	177.
7.0	21.0	2017.4	798.0	1.0	-25.0	323.1	11.2	6.7	-9.0	292.5	294.4	0.6	12.1	4.1	175.
7.4	22.0	2128.8	787.0	0.7	-25.2	316.3	12.0	8.3	-8.7	293.3	295.2	0.6	12.2	4.3	173.
7.7	23.0	2241.5	776.0	-0.3	-25.9	312.9	12.7	9.3	-8.7	293.5	295.3	0.6	12.3	4.5	171.
8.1	24.0	2355.6	765.0	-0.9	-27.3	310.2	13.8	10.5	-8.9	294.0	295.6	0.5	11.3	4.8	169.
8.5	25.0	2471.0	754.0	-1.5	-28.8	309.8	14.7	11.3	-9.4	294.5	296.0	0.5	10.3	5.0	166.
8.9	26.0	2609.2	741.0	-2.3	-31.1	311.0	15.2	11.5	-10.0	295.1	296.3	0.4	8.7	5.3	164.
9.3	27.0	2716.8	731.0	-2.9	-33.7	312.1	15.2	11.3	-10.2	295.6	296.5	0.3	7.1	5.7	162.
9.6	28.0	2836.7	720.0	-3.6	-34.6	312.8	15.0	11.0	-10.2	296.2	297.1	0.3	7.2	5.9	160.
10.0	29.0	2947.1	710.0	-4.2	-32.3	313.3	14.5	10.6	-10.0	296.7	297.8	0.4	8.9	6.2	159.
10.4	30.0	3058.6	700.0	-5.2	-33.0	312.6	14.4	10.6	-9.7	296.7	297.8	0.3	9.1	6.5	158.
10.7	31.0	3171.4	690.0	-6.0	-33.5	311.4	14.6	10.9	-9.6	297.1	298.2	0.3	9.1	6.8	157.
11.2	32.0	3285.5	680.0	-6.7	-34.0	308.3	15.2	11.9	-9.4	297.5	298.5	0.3	9.2	7.2	155.
11.5	33.0	3401.0	670.0	-7.3	-35.0	306.1	15.7	12.7	-9.3	298.1	299.1	0.3	8.7	7.4	154.
11.9	34.0	3518.2	660.0	-7.3	-35.6	302.7	16.6	13.9	-8.9	299.4	300.3	0.3	8.2	7.7	153.
12.3	35.0	3637.2	650.0	-6.7	-35.2	298.8	17.9	15.7	-8.6	301.4	302.3	0.3	8.1	8.1	151.
12.8	36.0	3782.8	638.0	-6.0	-35.5	293.9	20.8	19.0	-8.4	303.8	304.8	0.3	7.5	8.6	149.
13.2	37.0	3894.0	629.0	-6.0	-35.5	290.4	23.8	22.3	-8.3	305.1	306.1	0.3	7.5	9.0	147.
13.6	38.0	4019.7	619.0	-5.1	-34.9	287.6	27.2	25.9	-8.2	307.5	308.6	0.3	7.4	9.5	145.
14.0	39.0	4134.8	610.0	-4.8	-34.8	285.0	30.3	29.3	-7.8	309.1	310.2	0.3	7.4	10.0	143.
14.3	40.0	4251.8	601.0	-4.2	-34.4	283.2	31.8	30.9	-7.2	311.2	312.3	0.3	7.3	10.5	141.
14.8	41.0	4410.5	589.0	-4.9	-34.9	280.7	33.0	32.5	-6.1	312.1	313.2	0.3	7.4	11.3	137.
15.2	42.0	4531.4	580.0	-5.4	-35.1	279.4	32.9	32.4	-5.4	312.9	314.1	0.3	7.4	12.0	135.
15.6	43.0	4654.0	571.0	-5.7	-35.3	279.1	32.2	31.8	-5.1	314.0	315.1	0.3	7.5	12.6	133.
16.0	44.0	4778.6	562.0	-5.4	-35.1	280.1	31.4	30.9	-5.5	315.8	316.9	0.3	7.4	13.2	131.
16.4	45.0	4905.0	553.0	-6.3	-35.7	282.2	31.0	30.3	-6.6	316.2	317.3	0.3	7.5	13.9	129.
16.7	46.0	5018.8	545.0	-6.9	-36.6	284.0	30.8	29.9	-7.4	316.8	317.9	0.3	7.6	14.4	128.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

7 FEBRUARY 1975  
1115 GMT

154 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.2	47.0	5148.4	556.0	-8.2	-36.9	286.9	31.0	29.7	-9.0	316.7	317.7	0.3	7.7	15.2	127.
17.5	48.0	5264.9	528.0	-9.3	-37.6	288.6	31.5	29.8	-10.1	316.7	317.7	0.3	7.9	15.7	126.
17.9	49.0	5397.6	519.0	-10.1	-38.0	290.6	32.8	30.7	-11.5	317.3	318.3	0.3	8.0	16.4	126.
18.3	50.0	5517.0	511.0	-11.2	-38.8	291.5	33.5	31.2	-12.2	317.4	318.3	0.3	8.1	17.3	125.
18.8	51.0	5668.4	501.0	-12.3	-38.9	291.3	33.4	31.1	-12.1	317.8	318.7	0.3	8.8	18.3	124.
19.2	52.0	5806.5	492.0	-13.6	-38.6	290.4	33.0	30.9	-11.5	317.9	318.9	0.3	10.0	19.0	124.
19.7	53.0	5930.9	484.0	-14.9	-39.5	289.2	33.3	31.4	-11.0	317.8	318.7	0.3	10.1	20.0	123.
20.1	54.0	6056.7	476.0	-16.0	-40.2	288.5	34.0	32.3	-10.8	318.0	318.8	0.2	10.2	20.8	123.
20.5	55.0	6184.1	468.0	-17.3	-41.2	288.1	35.0	33.3	-10.9	317.8	318.6	0.2	10.4	21.4	122.
20.9	56.0	6329.2	459.0	-18.8	-42.2	287.5	35.0	33.4	-10.5	317.7	318.4	0.2	10.6	22.5	121.
21.3	57.0	6459.9	451.0	-19.9	-43.0	286.2	34.0	32.6	-9.5	318.0	318.6	0.2	10.7	23.3	121.
21.8	58.0	6592.3	443.0	-21.1	-43.4	284.1	32.0	31.1	-7.8	318.1	318.7	0.2	11.3	24.2	120.
22.2	59.0	6709.6	436.0	-22.5	-44.4	282.3	30.9	30.2	-6.6	317.8	318.4	0.2	11.5	24.9	120.
22.7	60.0	6845.3	428.0	-23.7	-44.5	280.3	30.9	30.4	-5.5	318.0	318.6	0.2	12.7	25.7	119.
23.1	61.0	6965.5	421.0	-24.9	-44.7	279.1	32.0	31.6	-5.1	317.9	318.5	0.2	13.8	26.4	119.
23.5	62.0	7104.7	413.0	-25.8	-44.8	278.3	33.5	33.2	-4.8	318.5	319.1	0.2	14.9	27.2	118.
24.0	63.0	7228.5	406.0	-26.3	-43.1	277.7	35.0	34.7	-4.7	319.3	320.1	0.2	18.6	28.2	117.
24.5	64.0	7354.0	399.0	-27.3	-43.5	276.8	36.5	36.2	-4.3	319.7	320.5	0.2	19.6	28.9	117.
24.9	65.0	7481.3	392.0	-27.9	-44.9	274.7	36.5	36.3	-3.0	320.5	321.1	0.2	17.9	30.1	116.
25.5	66.0	7647.8	383.0	-28.9	-46.6	270.7	35.9	35.9	-0.4	321.4	321.9	0.1	16.1	31.2	115.
26.0	67.0	7779.6	376.0	-29.8	-46.3	270.1	36.8	36.8	-0.1	321.9	322.4	0.2	18.0	32.0	114.
26.4	68.0	7913.2	369.0	-30.9	-47.0	271.7	37.2	37.2	-1.1	322.2	322.7	0.1	18.6	33.1	114.
26.9	69.0	8029.3	363.0	-31.9	-47.3	272.5	36.9	36.9	-1.6	322.3	322.8	0.1	20.0	34.0	113.
27.3	70.0	8166.6	356.0	-33.0	-48.1	270.8	37.5	37.5	-0.5	322.6	323.1	0.1	20.1	34.9	113.
27.9	71.0	8326.0	348.0	-34.5	-49.4	267.5	39.7	39.7	1.7	322.7	323.2	0.1	20.2	36.0	111.
28.4	72.0	8447.3	342.0	-35.7	-50.3	266.7	39.5	39.4	2.3	322.7	323.1	0.1	20.3	37.4	111.
28.9	73.0	8590.8	335.0	-36.9	-50.0	266.3	37.5	37.4	2.4	322.9	323.4	0.1	23.9	38.4	110.
29.4	74.0	8715.5	329.0	-38.3	-50.7	266.7	37.7	37.6	2.1	322.7	323.1	0.1	25.5	39.3	109.
29.9	75.0	8863.2	322.0	-39.2	99.9	269.8	42.0	42.0	0.2	323.5	999.9	99.9	999.9	40.2	109.
30.4	76.0	8991.8	316.0	-40.1	99.9	273.7	50.0	49.9	-3.2	324.1	999.9	99.9	999.9	41.7	108.
30.9	77.0	9122.4	310.0	-41.2	99.9	275.4	56.7	56.5	-5.3	324.3	999.9	99.9	999.9	42.8	108.
31.4	78.0	9254.9	304.0	-42.4	99.9	273.5	52.9	52.8	-3.3	324.3	999.9	99.9	999.9	45.7	107.
31.9	79.0	9389.3	298.0	-43.3	99.9	266.9	39.6	39.6	2.2	325.0	999.9	99.9	999.9	46.5	107.
32.4	80.0	9526.1	292.0	-43.9	99.9	256.8	29.6	28.8	6.8	326.1	999.9	99.9	999.9	47.5	106.
33.0	81.0	9688.6	285.0	-45.3	99.9	255.7	32.1	31.1	7.9	326.3	999.9	99.9	999.9	47.9	106.
33.5	82.0	9806.4	280.0	-46.5	99.9	263.4	47.0	46.7	5.4	326.3	999.9	99.9	999.9	48.5	105.
33.9	83.0	9949.8	274.0	-47.6	99.9	266.4	56.8	56.7	3.6	326.6	999.9	99.9	999.9	50.2	105.
34.3	84.0	10071.2	269.0	-48.7	99.9	266.7	58.9	58.8	3.4	326.8	999.9	99.9	999.9	52.0	104.
34.8	85.0	10219.1	263.0	-50.1	99.9	265.2	55.5	55.3	4.6	326.9	999.9	99.9	999.9	53.6	103.
35.4	86.0	10394.9	256.0	-51.3	99.9	263.6	53.6*	53.3	6.0	327.6	999.9	99.9	999.9	55.1	103.
35.9	87.0	10522.7	251.0	-52.4	99.9	263.6	55.3*	54.9	6.2	327.8	999.9	99.9	999.9	56.7	102.
36.4	88.0	10652.6	246.0	-53.2	99.9	262.7	54.0*	53.6	6.9	328.5	999.9	99.9	999.9	58.5	102.
36.9	89.0	10784.6	241.0	-54.0	99.9	260.3	50.1*	49.4	8.4	329.2	999.9	99.9	999.9	59.9	101.
37.4	90.0	10918.9	236.0	-55.0	99.9	258.0	47.7*	46.7	9.9	329.7	999.9	99.9	999.9	61.2	101.
38.0	91.0	11055.4	231.0	-56.2	99.9	257.8	49.2*	48.1	10.4	330.0	999.9	99.9	999.9	62.7	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

7 FEBRUARY 1975  
1115 GMT

154 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.7	92.0	11154.3	226.0	-54.5	99.9	259.0	49.5*	48.5	9.5	331.5	999.9	99.9	999.9	64.8	99.
39.1	93.0	11337.6	221.0	-52.4	99.9	258.9	46.1*	45.3	8.9	339.9	999.9	99.9	999.9	66.2	99.
39.7	94.0	11485.4	216.0	-52.9	99.9	258.7	40.9*	40.1	8.0	341.4	999.9	99.9	999.9	67.2	99.
40.0	95.0	11606.2	212.0	-52.4	99.9	258.9	39.8*	39.1	7.7	344.0	999.9	99.9	999.9	67.8	98.
40.6	96.0	11791.9	206.0	-52.2	99.9	258.8	41.6*	40.8	8.1	347.1	999.9	99.9	999.9	69.5	98.
41.2	97.0	11918.6	202.0	-52.9	99.9	259.7	45.5*	44.7	8.1	348.0	999.9	99.9	999.9	70.6	98.
41.7	98.0	12080.3	197.0	-52.7	99.9	261.5	47.7*	47.1	7.1	350.8	999.9	99.9	999.9	72.2	97.
42.1	99.0	12212.8	193.0	-52.9	99.9	263.3	47.8*	47.4	5.6	352.6	999.9	99.9	999.9	73.4	97.
42.6	100.0	12381.7	188.0	-53.8	99.9	266.4	47.5*	47.4	3.0	353.7	999.9	99.9	999.9	74.5	97.
43.3	101.0	12554.7	183.0	-54.3	99.9	270.1	47.3*	47.3	-0.1	355.7	999.9	99.9	999.9	76.7	97.
43.9	102.0	12696.2	179.0	-54.7	99.9	269.4	44.3*	44.3	0.4	357.4	999.9	99.9	999.9	78.5	97.
44.5	103.0	12840.7	175.0	-55.2	99.9	265.5	42.3*	42.2	3.3	358.9	999.9	99.9	999.9	79.5	96.
44.9	104.0	12987.9	171.0	-56.3	99.9	263.3	42.8*	42.5	5.0	359.3	999.9	99.9	999.9	81.0	96.
45.6	105.0	13138.1	167.0	-56.7	99.9	261.4	45.6*	45.1	6.8	361.2	999.9	99.9	999.9	82.4	96.
46.2	106.0	13291.7	163.0	-57.0	99.9	261.2	45.2*	44.7	6.9	363.1	999.9	99.9	999.9	84.4	96.
46.7	107.0	13409.2	160.0	-57.5	99.9	262.4	41.2*	40.9	5.5	364.2	999.9	99.9	999.9	85.7	95.
47.2	108.0	13569.0	156.0	-57.9	99.9	266.3	40.4*	40.3	2.6	366.2	999.9	99.9	999.9	86.5	95.
47.9	109.0	13732.7	152.0	-58.1	99.9	271.3	49.3*	49.3	-1.1	368.7	999.9	99.9	999.9	88.4	95.
48.5	110.0	13858.0	149.0	-59.1	99.9	272.3	52.1*	52.1	-2.1	369.0	999.9	99.9	999.9	90.3	95.
49.2	111.0	14071.9	144.0	-59.3	99.9	273.0	41.8*	41.8	-2.2	372.3	999.9	99.9	999.9	92.6	95.
49.9	112.0	14203.7	141.0	-59.5	99.9	274.5	43.1*	43.0	-3.4	374.2	999.9	99.9	999.9	93.6	95.
50.4	113.0	14338.2	138.0	-59.8	99.9	274.7	50.2*	50.0	-4.1	375.9	999.9	99.9	999.9	95.2	95.
51.0	114.0	14521.5	134.0	-60.9	99.9	273.6	47.3*	47.2	-3.0	377.1	999.9	99.9	999.9	97.7	95.
51.5	115.0	14662.0	131.0	-61.7	99.9	270.2	38.0*	38.0	-0.1	378.2	999.9	99.9	999.9	98.6	95.
52.2	116.0	14853.4	127.0	-63.2	99.9	264.6	39.6*	39.4	3.7	378.8	999.9	99.9	999.9	99.8	95.
52.7	117.0	15000.3	124.0	-63.6	99.9	262.4	45.2*	44.8	6.0	380.7	999.9	99.9	999.9	101.2	95.
53.3	118.0	15150.3	121.0	-64.6	99.9	260.8	48.6*	48.0	7.8	381.6	999.9	99.9	999.9	102.9	94.
53.9	119.0	15303.4	118.0	-65.4	99.9	260.1	49.5*	48.8	8.5	382.9	999.9	99.9	999.9	104.9	94.
54.5	120.0	15459.6	115.0	-66.6	99.9	261.4	50.7*	50.2	7.6	383.4	999.9	99.9	999.9	106.1	94.
55.1	121.0	15619.3	112.0	-67.3	99.9	265.0	48.6*	48.4	4.3	385.1	999.9	99.9	999.9	108.4	94.
55.6	122.0	15783.3	109.0	-66.6	99.9	268.7	42.0*	42.0	1.0	389.3	999.9	99.9	999.9	109.6	94.
56.2	123.0	15895.5	107.0	-66.0	99.9	273.0	35.7*	35.6	-1.9	392.6	999.9	99.9	999.9	111.0	94.
56.8	124.0	16067.5	104.0	-67.3	99.9	276.3	36.7*	36.4	-4.0	393.3	999.9	99.9	999.9	112.1	94.
57.4	125.0	16243.8	101.0	-67.7	99.9	278.8	34.8*	34.4	-5.3	395.8	999.9	99.9	999.9	113.7	94.
58.2	126.0	16424.4	98.0	-69.7	99.9	283.2	29.5*	28.7	-6.7	395.4	999.9	99.9	999.9	115.0	94.
58.8	127.0	16609.1	95.0	-71.1	99.9	284.2	29.2*	28.3	-7.2	396.2	999.9	99.9	999.9	116.1	94.
59.4	128.0	16734.8	93.0	-71.8	99.9	279.9	29.4*	28.9	-5.0	397.2	999.9	99.9	999.9	117.0	94.
60.0	129.0	16928.1	90.0	-72.0	99.9	274.7	29.1*	29.0	-2.4	400.5	999.9	99.9	999.9	118.3	94.
60.6	130.0	17060.6	88.0	-71.8	99.9	278.1	28.3*	28.0	-4.0	403.5	999.9	99.9	999.9	119.2	94.
61.3	131.0	17265.3	85.0	-71.5	99.9	282.7	28.0*	27.3	-6.1	408.0	999.9	99.9	999.9	120.4	94.
62.0	132.0	17406.2	83.0	-70.6	99.9	276.2	29.3*	29.2	-3.2	412.8	999.9	99.9	999.9	121.4	94.
62.6	133.0	17624.1	80.0	-71.5	99.9	269.1	30.6*	30.6	0.5	415.2	999.9	99.9	999.9	122.7	94.
63.3	134.0	17774.0	78.0	-70.6	99.9	265.1	30.4*	30.3	2.6	420.2	999.9	99.9	999.9	123.9	94.
64.0	135.0	18007.2	75.0	-69.7	99.9	264.8	28.7*	28.6	2.6	426.8	999.9	99.9	999.9	125.3	94.
64.8	136.0	18168.3	73.0	-69.7	99.9	267.7	27.8*	27.7	1.1	430.1	999.9	99.9	999.9	126.4	94.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA

7 FEBRUARY 1975  
1115 GMT

154 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
65.7	137.0	18418.4	70.0	-69.7	99.9	272.4	30.7*	30.6	-1.3	435.3	999.9	99.9	999.9	128.0	94.
66.5	138.0	18679.4	67.0	-69.7	99.9	273.8	28.6*	28.5	-1.9	440.8	999.9	99.9	999.9	129.7	94.
67.4	139.0	18859.8	65.0	-70.1	99.9	273.8	27.8*	27.7	-1.8	443.7	999.9	99.9	999.9	130.9	94.
68.3	140.0	19142.7	62.0	-67.5	99.9	271.8	27.3*	27.3	-0.9	455.6	999.9	99.9	999.9	132.6	94.
69.3	141.0	19340.6	60.0	-66.6	99.9	262.6	23.6*	23.4	3.0	461.8	999.9	99.9	999.9	134.0	94.
70.3	142.0	19651.2	57.0	-66.2	99.9	262.5	26.8*	26.6	3.5	469.6	999.9	99.9	999.9	134.9	94.
71.2	143.0	19867.5	55.0	-66.6	99.9	265.7	34.1*	34.0	2.6	473.4	999.9	99.9	999.9	137.4	93.
72.2	144.0	20206.6	52.0	-66.8	99.9	265.0	11.7*	11.7	1.0	480.6	999.9	99.9	999.9	138.7	93.
73.4	145.0	20444.1	50.0	-66.0	99.9	225.6	6.8*	4.9	4.8	488.0	999.9	99.9	999.9	139.4	93.
74.6	146.0	20692.7	48.0	-64.6	99.9	259.2	24.1*	23.7	4.5	497.1	999.9	99.9	999.9	139.5	93.
75.6	147.0	21087.4	45.0	-64.2	99.9	257.8	22.7*	22.1	4.8	507.3	999.9	99.9	999.9	141.8	93.
76.8	148.0	21367.9	43.0	-60.7	99.9	270.0	11.9*	11.9	0.0	522.4	999.9	99.9	999.9	142.0	93.
78.2	149.0	21663.6	41.0	-61.7	99.9	278.7	27.5*	27.2	-4.1	527.3	999.9	99.9	999.9	143.9	93.
79.6	150.0	22135.4	38.0	-60.7	99.9	285.8	13.0*	12.5	-3.5	541.2	999.9	99.9	999.9	146.4	93.
81.0	151.0	22471.6	36.0	-60.9	99.9	273.8	20.5*	20.5	-1.4	549.2	999.9	99.9	999.9	147.2	93.
82.5	152.0	23010.6	33.0	-62.4	99.9	261.4	14.6*	14.4	2.2	559.0	999.9	99.9	999.9	148.8	93.
84.0	153.0	23395.8	31.0	-63.2	99.9	253.0	28.3*	27.1	8.3	567.0	999.9	99.9	999.9	149.5	93.
85.7	154.0	23805.7	29.0	-63.4	99.9	999.9	99.9	99.9	99.9	577.4	999.9	99.9	999.9	999.9	999.
87.4	155.0	24478.5	26.0	-62.2	99.9	999.9	99.9	99.9	99.9	599.0	999.9	99.9	999.9	999.9	999.

STATION NO. 248  
SHREVEPORT, LA

5 FEBRUARY 1975  
2315 GMT

156 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	79.0	1008.5	7.2	3.4	320.0	6.2	4.0	-4.7	280.3	292.8	4.9	77.0	0.0	0.
0.3	6.0	165.2	998.0	7.0	3.1	152.8	1.5	-0.7	1.4	280.9	293.3	4.8	76.4	0.5	138.
0.6	7.0	256.2	987.0	5.8	3.1	185.1	0.7	0.1	0.7	280.6	293.1	4.9	83.0	0.5	138.
0.9	8.0	347.9	976.0	5.2	3.4	296.6	2.6	2.4	-1.2	281.0	293.9	5.0	88.0	0.4	137.
1.2	9.0	432.0	966.0	4.4	3.0	301.0	5.6	4.8	-2.9	280.9	293.6	4.9	90.9	0.5	135.
1.5	10.0	525.2	955.0	3.5	2.6	301.6	8.6	7.4	-4.5	281.0	293.4	4.8	93.5	0.7	133.
1.9	11.0	636.5	942.0	2.7	2.1	293.0	7.7	7.1	-3.0	281.2	293.4	4.7	95.6	0.9	129.
2.2	12.0	722.9	932.0	2.2	1.6	285.8	7.2	7.0	-2.0	281.5	293.5	4.6	95.7	1.0	127.
2.6	13.0	818.7	921.0	1.4	0.7	278.7	7.0	6.9	-1.1	281.6	293.0	4.4	95.6	1.2	123.
2.9	14.0	906.6	911.0	0.7	0.1	281.2	7.4	7.3	-1.4	281.8	292.8	4.2	95.5	1.3	120.
3.2	15.0	1004.2	900.0	0.4	-4.8	284.4	8.0	7.9	-2.0	282.3	290.3	3.0	68.1	1.4	119.
3.7	16.0	1112.3	888.0	2.4	-12.1	285.0	9.5	9.2	-2.5	285.2	290.0	1.7	33.5	1.7	117.
4.0	17.0	1213.4	877.0	4.5	-13.3	282.0	10.8	10.6	-2.3	288.5	293.0	1.6	26.0	1.8	116.
4.3	18.0	1306.8	867.0	4.4	-14.0	278.3	12.0	11.9	-1.7	289.3	293.6	1.5	24.7	2.0	114.
4.6	19.0	1401.1	857.0	4.0	-14.5	275.5	12.9	12.9	-1.2	289.9	294.1	1.4	24.3	2.3	112.
4.9	20.0	1496.3	847.0	3.4	-16.4	273.1	13.3	13.3	-0.7	290.1	293.8	1.2	21.7	2.5	111.
5.3	21.0	1621.6	834.0	2.9	-19.7	269.6	13.4	13.4	0.1	290.8	293.7	1.0	17.1	2.8	109.
5.7	22.0	1709.3	825.0	2.5	-17.1	268.1	13.9	13.8	0.5	291.4	295.0	1.2	21.8	3.1	106.
6.1	23.0	1807.8	815.0	2.0	-12.0	268.8	14.8	14.8	0.3	292.0	297.4	1.9	34.4	3.4	105.
6.4	24.0	1907.2	805.0	1.2	-13.6	269.7	15.5	15.5	0.1	292.1	296.9	1.7	32.1	3.7	104.
6.7	25.0	2007.6	795.0	0.4	-15.1	270.6	15.9	15.9	-0.2	292.3	296.6	1.5	30.0	4.0	103.
7.2	26.0	2129.5	783.0	-0.1	-15.5	272.0	16.5	16.5	-0.6	292.3	297.3	1.5	30.0	4.4	101.
7.6	27.0	2232.3	773.0	-0.9	-16.7	272.3	17.5	17.5	-0.7	293.2	297.2	1.3	28.9	4.8	101.
7.9	28.0	2325.6	764.0	-1.5	-17.1	271.7	18.4	18.4	-0.6	293.5	297.4	1.3	29.3	5.1	100.
8.2	29.0	2419.8	755.0	-2.5	-18.0	270.7	19.4	19.4	-0.2	293.5	297.1	1.2	29.0	5.5	100.
8.5	30.0	2525.5	745.0	-2.8	-24.0	269.6	20.5	20.5	0.1	294.2	296.4	0.7	17.5	5.8	99.
8.9	31.0	2621.8	736.0	-3.1	-27.1	268.0	22.0	22.0	0.8	294.9	296.6	0.6	13.6	6.3	98.
9.1	32.0	2719.1	727.0	-3.4	-28.1	267.4	22.8	22.8	1.0	295.6	297.2	0.5	12.6	6.6	98.
9.4	33.0	2817.4	718.0	-3.9	-29.4	266.6	24.1	24.0	1.4	296.1	297.6	0.5	11.6	7.0	97.
9.8	34.0	2928.0	708.0	-4.5	-31.3	266.1	25.8	25.7	1.8	296.6	297.9	0.4	10.1	7.6	96.
10.1	35.0	3017.4	700.0	-4.8	-25.6	265.8	27.0	26.9	2.0	297.3	299.4	0.7	17.7	8.0	96.
10.5	36.0	3141.8	689.0	-5.4	-22.2	265.4	28.6	28.5	2.3	298.0	300.8	0.9	25.2	8.7	95.
10.9	37.0	3256.4	679.0	-6.0	-23.6	264.8	30.0	29.9	2.7	298.5	301.1	0.8	23.2	9.4	94.
11.2	38.0	3349.1	671.0	-6.4	-49.1	264.1	31.1	31.0	3.2	298.9	299.2	0.1	1.8	10.0	94.
11.6	39.0	3454.6	662.0	-6.4	-54.0	263.1	32.7	32.5	3.9	300.1	300.2	0.0	1.0	10.7	93.
11.9	40.0	3561.5	653.0	-6.6	-54.1	262.1	34.1	33.7	4.7	301.1	301.2	0.0	1.0	11.3	93.
12.3	41.0	3682.0	643.0	-6.7	-54.2	260.8	35.8	35.3	5.7	302.3	302.4	0.0	1.0	12.1	92.
12.7	42.0	3792.0	634.0	-6.9	-44.7	259.6	37.1	36.5	6.7	303.3	303.7	0.1	3.0	13.0	91.
13.0	43.0	3891.0	626.0	-7.2	-24.6	258.8	38.0	37.2	7.4	304.2	306.8	0.8	23.3	13.7	90.
13.3	44.0	4003.8	617.0	-7.6	-23.5	258.2	38.2	37.4	7.8	304.9	307.9	0.9	26.5	14.4	90.
13.7	45.0	4117.9	608.0	-8.5	-24.3	257.6	38.4	37.5	8.3	305.2	308.0	0.9	26.5	15.3	89.
14.1	46.0	4220.5	600.0	-9.1	-24.5	257.3	38.4	37.5	8.4	305.7	308.5	0.9	27.3	16.2	88.
14.4	47.0	4337.3	591.0	-9.8	-30.1	257.4	38.5	37.6	8.4	306.1	307.8	0.5	17.2	16.8	88.
14.7	48.0	4429.2	584.0	-10.2	-31.3	257.6	38.6	37.7	8.3	306.7	308.2	0.5	15.8	17.5	88.
15.1	49.0	4535.3	576.0	-10.8	-42.6	257.9	38.5	37.6	8.1	307.1	307.7	0.2	5.2	18.4	87.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 248  
SHREVEPORT, LA

5 FEBRUARY 1975  
2315 GMT

156 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.4	50.0	4656.1	567.0	-11.7	-34.1	258.0	38.0	37.2	7.9	307.6	308.8	0.4	13.4	19.2	87.
15.9	51.0	4792.2	557.0	-12.7	-31.0	258.1	36.7	35.9	7.6	308.0	309.5	0.5	18.4	20.3	86.
16.3	52.0	4888.6	550.0	-13.4	-26.1	257.7	35.7	34.9	7.6	308.3	310.9	0.8	33.2	21.1	86.
16.7	53.0	5014.0	541.0	-14.3	-25.4	256.9	35.0	34.1	7.9	308.6	311.4	0.9	38.2	21.9	86.
17.1	54.0	5112.5	534.0	-15.5	-25.2	255.9	34.8	33.8	8.5	308.4	311.4	0.9	42.7	22.8	85.
17.4	55.0	5226.3	526.0	-16.3	-25.8	255.4	35.3	34.1	8.9	308.7	311.6	0.9	43.5	23.4	85.
17.9	56.0	5356.1	517.0	-17.0	-26.2	255.9	37.7	36.6	9.2	309.4	312.2	0.9	44.2	24.3	84.
18.3	57.0	5473.0	509.0	-17.6	-26.5	256.8	40.1	39.1	9.1	310.0	312.8	0.9	45.9	25.3	84.
18.7	58.0	5591.4	501.0	-18.5	-26.0	257.5	41.6	40.7	9.0	310.4	313.1	0.8	47.5	26.4	84.
19.1	59.0	5696.3	494.0	-19.4	-27.0	257.7	41.6	40.6	8.8	310.5	313.2	0.8	50.7	27.4	84.
19.5	60.0	5817.4	486.0	-20.6	-27.3	257.4	39.9	38.9	8.7	310.5	313.2	0.8	54.9	28.4	84.
19.9	61.0	5940.0	478.0	-21.4	-27.5	256.7	37.4	36.4	8.6	310.9	313.6	0.8	57.8	29.4	83.
20.3	62.0	6033.0	472.0	-22.4	-28.0	256.1	36.6	35.5	8.8	310.9	313.5	0.8	60.1	30.2	83.
20.7	63.0	6158.4	464.0	-23.3	-28.4	255.7	38.1	36.9	9.4	311.3	313.8	0.8	62.4	30.9	83.
21.2	64.0	6269.5	457.0	-24.1	-29.4	255.7	42.0	40.7	10.4	311.6	314.0	0.7	61.2	32.0	83.
21.6	65.0	6382.0	450.0	-25.0	-29.6	255.7	43.8	42.5	10.8	311.8	314.2	0.7	65.2	33.2	82.
22.0	66.0	6528.6	441.0	-25.8	-30.0	255.5	42.1	40.7	10.6	312.6	315.0	0.7	67.8	34.6	82.
22.4	67.0	6644.5	434.0	-26.3	-29.7	254.9	39.5	38.1	10.3	313.4	315.9	0.7	73.2	35.3	82.
22.9	68.0	6762.0	427.0	-26.9	-30.4	254.2	40.5*	38.9	11.0	314.2	316.5	0.7	71.8	36.2	82.
23.2	69.0	6881.1	420.0	-27.4	-36.8	253.8	42.2*	40.5	11.8	314.9	316.3	0.4	40.1	37.0	82.
23.7	70.0	7002.0	413.0	-27.9	-44.0	253.0	43.6*	41.7	12.8	315.8	316.4	0.2	19.6	38.5	81.
24.2	71.0	7142.1	405.0	-29.2	-52.9	252.5	42.4*	40.5	12.7	315.8	316.1	0.1	8.0	39.8	81.
24.6	72.0	7266.4	398.0	-30.4	-50.9	253.2	41.9*	40.2	12.1	315.8	316.2	0.1	11.3	40.6	81.
24.9	73.0	7374.1	392.0	-31.6	-49.2	254.7	43.1*	41.6	11.4	315.7	316.1	0.1	15.4	41.3	81.
25.3	74.0	7501.3	385.0	-32.8	-50.2	256.4	44.4*	43.2	10.4	315.7	316.1	0.1	15.6	42.4	81.
25.7	75.0	7611.7	379.0	-33.9	-50.5	257.4	43.8*	42.7	9.5	315.8	316.1	0.1	16.6	43.7	81.
26.1	76.0	7742.0	372.0	-35.0	-51.2	257.7	41.0*	40.0	8.8	315.9	316.2	0.1	17.2	44.8	80.
26.6	77.0	7855.2	366.0	-36.1	-50.7	257.6	36.0*	35.1	7.7	315.9	316.3	0.1	20.3	45.8	80.
26.9	78.0	7969.7	360.0	-37.3	-50.1	257.9	33.5*	32.8	7.0	315.8	316.2	0.1	24.7	46.5	80.
27.3	79.0	8085.5	354.0	-38.4	-49.7	258.9	33.3*	32.7	6.4	315.9	316.3	0.1	28.7	47.2	80.
27.8	80.0	8202.8	348.0	-39.5	-49.4	260.0	38.2*	37.6	6.6	315.9	316.4	0.1	33.4	48.0	80.
28.3	81.0	8361.6	340.0	-40.6	99.9	260.5	46.1*	45.5	7.6	316.7	999.9	99.9	999.9	49.3	80.
28.7	82.0	8482.6	334.0	-41.5	99.9	260.9	50.2*	49.6	8.0	317.0	999.9	99.9	999.9	50.6	80.
29.1	83.0	8605.4	328.0	-42.5	99.9	261.3	50.6*	50.0	7.6	317.3	999.9	99.9	999.9	51.9	80.
29.5	84.0	8729.8	322.0	-43.6	99.9	261.9	47.0*	46.5	6.6	317.4	999.9	99.9	999.9	53.1	80.
29.9	85.0	8855.9	316.0	-44.7	99.9	262.6	41.2*	40.8	5.3	317.6	999.9	99.9	999.9	54.3	80.
30.4	86.0	9005.5	309.0	-45.6	99.9	263.7	37.2*	37.0	4.1	318.4	999.9	99.9	999.9	55.3	80.
30.9	87.0	9114.0	304.0	-46.6	99.9	264.8	41.1*	40.9	3.7	318.5	999.9	99.9	999.9	56.1	80.
31.3	88.0	9246.0	298.0	-47.8	99.9	264.9	47.8*	47.6	4.2	318.7	999.9	99.9	999.9	57.3	81.
31.9	89.0	9357.4	293.0	-48.9	99.9	264.2	55.8*	55.5	5.6	318.5	999.9	99.9	999.9	59.3	81.
32.4	90.0	9493.1	287.0	-49.7	99.9	263.2	54.9*	54.5	6.5	319.4	999.9	99.9	999.9	61.1	81.
32.9	91.0	9630.9	281.0	-51.0	99.9	262.3	46.8*	46.3	6.3	319.4	999.9	99.9	999.9	63.0	81.
33.4	92.0	9747.5	276.0	-51.8	99.9	261.1	39.1*	38.6	6.0	319.9	999.9	99.9	999.9	64.0	81.
34.0	93.0	9889.8	270.0	-52.6	99.9	259.7	40.1*	39.5	7.2	320.8	999.9	99.9	999.9	64.9	81.
34.4	94.0	10010.3	265.0	-53.5	99.9	259.4	46.0*	45.2	8.4	321.1	999.9	99.9	999.9	66.2	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

5 FEBRUARY 1975  
2315 GMT

156 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.0	95.0	10132.7	260.0	-54.1	99.9	259.8	52.9*	52.1	9.4	322.0	999.9	99.9	999.9	68.0	81.
35.6	96.0	10282.3	254.0	-54.6	99.9	259.9	57.0*	56.2	10.0	323.4	999.9	99.9	999.9	70.0	81.
36.0	97.0	10409.2	249.0	-55.7	99.9	259.6	58.7*	57.8	10.6	323.5	999.9	99.9	999.9	71.4	81.
36.5	98.0	10538.2	244.0	-56.4	99.9	258.1	55.7*	54.5	11.5	324.5	999.9	99.9	999.9	73.1	81.
36.9	99.0	10696.1	238.0	-56.9	99.9	255.9	47.6*	46.1	11.6	326.0	999.9	99.9	999.9	74.8	81.
37.4	100.0	10803.3	234.0	-57.4	99.9	251.9	36.6*	34.8	11.4	326.9	999.9	99.9	999.9	75.8	81.
38.1	101.0	10967.5	228.0	-57.4	99.9	248.7	30.7*	28.6	11.1	329.3	999.9	99.9	999.9	76.9	80.
38.7	102.0	11107.7	223.0	-57.2	99.9	252.5	35.1*	33.4	10.5	331.7	999.9	99.9	999.9	78.0	80.
39.1	103.0	11251.4	218.0	-56.4	99.9	255.6	39.0*	37.8	9.7	335.1	999.9	99.9	999.9	78.9	80.
39.6	104.0	11369.1	214.0	-55.9	99.9	257.8	41.6*	40.7	8.8	337.6	999.9	99.9	999.9	80.2	80.
40.2	105.0	11519.6	209.0	-55.7	99.9	256.8	40.1*	39.0	9.2	340.2	999.9	99.9	999.9	81.8	80.
40.5	106.0	11642.8	205.0	-55.3	99.9	255.1	38.5*	37.2	9.9	342.8	999.9	99.9	999.9	82.5	80.
41.0	107.0	11800.2	200.0	-55.7	99.9	250.4	36.8*	34.7	12.4	344.5	999.9	99.9	999.9	83.6	80.
41.4	108.0	11928.6	196.0	-56.7	99.9	247.4	39.2*	36.2	15.1	344.9	999.9	99.9	999.9	84.4	80.
42.0	109.0	12092.1	191.0	-57.4	99.9	246.2	47.8*	43.7	19.3	346.4	999.9	99.9	999.9	85.6	80.
42.6	110.0	12226.5	187.0	-55.3	99.9	246.3	54.8*	50.2	22.1	352.0	999.9	99.9	999.9	87.7	79.
43.3	111.0	12399.6	182.0	-54.9	99.9	246.2	56.4*	51.6	22.7	355.2	999.9	99.9	999.9	90.1	79.
44.0	112.0	12541.7	178.0	-54.8	99.9	249.2	65.7*	61.4	23.3	357.8	999.9	99.9	999.9	91.9	79.
44.6	113.0	12686.8	174.0	-55.7	99.9	250.8	68.5*	64.7	22.5	358.5	999.9	99.9	999.9	95.1	78.
45.2	114.0	12834.8	170.0	-56.1	99.9	249.4	53.4*	50.0	18.8	360.4	999.9	99.9	999.9	97.6	78.
45.7	115.0	12985.9	166.0	-56.9	99.9	246.8	38.9*	35.8	15.3	361.4	999.9	99.9	999.9	98.6	78.
46.5	116.0	13179.7	161.0	-56.7	99.9	243.7	25.9*	23.2	11.4	364.9	999.9	99.9	999.9	100.1	78.
47.2	117.0	13339.1	157.0	-56.9	99.9	241.0	20.5*	17.9	9.9	367.2	999.9	99.9	999.9	101.0	78.
47.8	118.0	13502.3	153.0	-57.7	99.9	245.0	26.9*	24.3	11.4	368.5	999.9	99.9	999.9	101.3	78.
48.4	119.0	13627.0	150.0	-58.4	99.9	249.4	39.0*	36.5	13.7	369.5	999.9	99.9	999.9	102.6	78.
48.9	120.0	13797.0	146.0	-58.6	99.9	250.7	40.7*	38.4	13.5	372.0	999.9	99.9	999.9	104.3	77.
49.7	121.0	13971.1	142.0	-59.6	99.9	250.6	37.8*	35.7	12.6	373.2	999.9	99.9	999.9	105.7	77.
50.3	122.0	14104.4	139.0	-60.5	99.9	249.9	41.5*	39.0	14.3	373.9	999.9	99.9	999.9	107.1	77.
51.0	123.0	14286.2	135.0	-60.7	99.9	248.3	40.7*	37.8	15.1	376.7	999.9	99.9	999.9	109.4	77.
51.7	124.0	14425.9	132.0	-61.0	99.9	249.0	46.7*	43.6	16.7	378.5	999.9	99.9	999.9	110.4	77.
52.4	125.0	14616.8	128.0	-61.8	99.9	251.3	63.3*	60.0	20.3	380.6	999.9	99.9	999.9	112.9	77.
53.2	126.0	14812.9	124.0	-62.7	99.9	252.0	60.0*	57.1	18.6	382.3	999.9	99.9	999.9	116.4	77.
53.9	127.0	14963.8	121.0	-62.9	99.9	250.0	43.8*	41.1	15.0	384.7	999.9	99.9	999.9	119.6	77.
54.6	128.0	15118.5	118.0	-62.7	99.9	246.5	31.8*	29.1	12.7	387.8	999.9	99.9	999.9	119.9	76.
55.3	129.0	15277.1	115.0	-63.1	99.9	247.8	27.5*	25.5	10.4	390.0	999.9	99.9	999.9	121.1	76.
56.1	130.0	15439.8	112.0	-63.1	99.9	252.8	30.2*	28.8	8.9	392.9	999.9	99.9	999.9	122.3	76.
57.0	131.0	15663.8	108.0	-62.7	99.9	254.1	47.2*	45.4	13.0	397.8	999.9	99.9	999.9	123.9	76.
57.7	132.0	15896.1	104.0	-63.3	99.9	253.9	50.3*	48.3	14.0	401.0	999.9	99.9	999.9	126.7	76.
58.4	133.0	16075.9	101.0	-63.6	99.9	254.9	38.6*	37.2	10.1	403.6	999.9	99.9	999.9	128.6	76.
59.2	134.0	16260.7	98.0	-64.2	99.9	255.4	31.5*	30.5	7.9	406.0	999.9	99.9	999.9	130.0	76.
59.9	135.0	16451.0	95.0	-64.2	99.9	253.3	31.6*	30.3	9.1	409.7	999.9	99.9	999.9	131.4	76.
60.7	136.0	16647.2	92.0	-64.6	99.9	252.3	31.8*	30.2	9.7	412.7	999.9	99.9	999.9	132.9	76.
61.7	137.0	16918.8	88.0	-64.6	99.9	257.5	29.6*	28.9	6.4	417.9	999.9	99.9	999.9	134.8	76.
62.7	138.0	17130.3	85.0	-65.4	99.9	261.9	22.4*	22.2	3.2	420.5	999.9	99.9	999.9	136.5	76.
63.7	139.0	17424.4	81.0	-64.2	99.9	257.7	16.2*	15.8	3.4	428.8	999.9	99.9	999.9	137.3	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

5 FEBRUARY 1975  
2315 GMT

156 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.6	140.0	17655.6	78.0	-63.8	99.9	254.0	27.1*	26.0	7.5	434.2	999.9	99.9	999.9	138.5	76.
65.5	141.0	17895.5	75.0	-64.8	99.9	248.3	29.9*	27.8	11.1	437.1	999.9	99.9	999.9	140.2	76.
66.6	142.0	18144.6	72.0	-65.0	99.9	244.1	31.8*	28.6	13.9	441.8	999.9	99.9	999.9	142.0	76.
67.8	143.0	18493.6	68.0	-64.4	99.9	253.3	31.1*	29.8	9.0	450.3	999.9	99.9	999.9	144.5	76.
68.9	144.0	18771.0	65.0	-62.1	99.9	291.2	6.1*	5.6	-2.2	461.1	999.9	99.9	999.9	146.5	76.
70.0	145.0	19061.9	62.0	-63.8	99.9	75.4	13.4*	-12.9	-3.4	463.7	999.9	99.9	999.9	144.9	76.
71.2	146.0	19366.2	59.0	-63.4	99.9	212.7	3.2*	1.7	2.7	471.2	999.9	99.9	999.9	144.9	76.
72.4	147.0	19685.6	56.0	-65.0	99.9	243.0	23.1*	20.6	10.5	474.7	999.9	99.9	999.9	145.6	76.
73.7	148.0	20021.3	53.0	-65.0	99.9	253.7	30.2*	29.0	8.5	482.3	999.9	99.9	999.9	147.9	76.
75.0	149.0	20376.5	50.0	-65.2	99.9	256.0	30.5*	29.6	7.4	489.9	999.9	99.9	999.9	150.3	76.
76.4	150.0	20754.5	47.0	-64.0	99.9	263.3	30.9*	30.6	3.6	501.4	999.9	99.9	999.9	152.9	76.
77.9	151.0	21157.0	44.0	-65.6	99.9	269.4	28.6*	28.6	0.3	507.2	999.9	99.9	999.9	155.6	76.
79.6	152.0	21587.2	41.0	-64.8	99.9	54.7	8.0*	-6.5	-4.6	519.5	999.9	99.9	999.9	156.3	76.
81.2	153.0	22051.2	38.0	-64.6	99.9	9.7	6.6*	-1.1	-6.5	531.4	999.9	99.9	999.9	157.1	76.
83.0	154.0	22552.1	35.0	-65.8	99.9	270.0	19.6*	19.6	0.0	541.0	999.9	99.9	999.9	157.4	76.
84.9	155.0	23296.1	31.0	-62.0	99.9	274.4	21.2*	21.1	-1.6	570.4	999.9	99.9	999.9	158.7	77.
86.9	156.0	23924.7	28.0	-62.7	99.9	254.3	31.6*	30.4	8.5	585.2	999.9	99.9	999.9	162.5	77.
89.2	157.0	24623.3	25.0	-62.7	99.9	256.5	17.6*	17.1	4.1	604.5	999.9	99.9	999.9	165.0	77.
91.8	158.0	25413.7	22.0	-61.4	99.9	256.8	30.6*	29.7	7.0	630.8	999.9	99.9	999.9	168.1	77.
94.4	159.0	26327.6	19.0	-59.3	99.9	92.6	13.6*	-13.6	0.6	664.4	999.9	99.9	999.9	172.8	77.
97.9	160.0	27403.8	16.0	-59.5	99.9	999.9	99.9	99.9	99.9	697.3	999.9	99.9	999.9	999.9	999.

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
555 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	79.0	1009.8	3.9	-0.7	320.0	5.1	3.3	-3.9	276.7	286.0	3.6	72.0	0.0	0.
0.1	5.0	101.6	1007.0	3.7	0.9	311.5	4.6	3.4	-3.0	276.8	287.2	4.1	82.2	0.2	139.
0.6	6.0	215.2	993.0	2.7	1.5	312.4	4.6	3.4	-3.1	277.0	288.0	4.3	92.2	0.2	138.
1.0	7.0	297.0	983.0	1.7	1.3	315.8	4.9	3.4	-3.5	276.7	287.7	4.3	97.4	0.3	136.
1.3	8.0	387.7	972.0	0.7	0.4	305.2	4.4	3.6	-2.6	276.6	287.0	4.0	97.4	0.4	137.
1.8	9.0	470.8	962.0	0.2	-0.0	293.8	4.2	3.9	-1.7	276.9	287.1	4.0	98.2	0.5	131.
2.2	10.0	562.9	951.0	-0.7	-1.0	301.3	4.4	3.8	-2.3	276.8	286.4	3.7	97.8	0.6	128.
2.6	11.0	681.4	937.0	-1.2	-1.5	315.3	4.9	3.4	-3.5	277.5	287.0	3.7	97.7	0.7	129.
3.0	12.0	767.0	927.0	-1.7	-2.0	321.0	5.0	3.2	-3.9	277.9	287.1	3.6	97.9	0.8	130.
3.3	13.0	853.3	917.0	-2.5	-2.8	311.3	4.8	3.6	-3.1	277.9	286.8	3.4	97.7	0.9	131.
3.6	14.0	940.9	907.0	0.7	-0.4	296.9	4.8	4.3	-2.2	282.1	292.9	4.1	92.0	1.0	131.
3.9	15.0	1039.3	896.0	2.2	-2.9	277.8	5.5	5.5	-0.8	284.6	293.8	3.4	68.7	1.1	129.
4.3	16.0	1148.4	884.0	3.0	-5.1	268.2	7.4	7.4	0.2	286.5	294.5	3.0	55.0	1.2	124.
4.7	17.0	1249.9	873.0	3.4	-10.9	264.3	9.4	9.4	0.9	297.7	293.1	1.9	34.3	1.4	119.
5.0	18.0	1343.4	863.0	3.9	-23.5	262.2	11.0	10.9	1.5	289.0	291.0	0.7	11.3	1.5	116.
5.3	19.0	1438.0	853.0	4.0	-26.5	263.5	11.3	11.3	1.3	290.1	291.7	0.5	8.6	1.7	111.
5.7	20.0	1524.1	844.0	3.7	-25.3	265.3	11.3	11.3	0.9	290.7	292.4	0.6	9.7	2.0	108.
6.1	21.0	1649.9	831.0	3.0	-22.6	267.0	11.1	11.1	0.6	291.3	293.5	0.7	13.0	2.2	105.
6.4	22.0	1737.9	822.0	2.4	-20.0	267.4	11.5	11.5	0.5	291.5	294.3	0.9	17.2	2.4	104.
6.8	23.0	1846.6	811.0	1.9	-19.1	270.0	12.5	12.5	-0.0	292.1	295.2	1.0	19.2	2.7	102.
7.1	24.0	1946.5	801.0	1.4	-22.5	271.4	13.3	13.3	-0.3	292.6	295.0	0.8	14.8	2.9	101.
7.4	25.0	2037.3	792.0	0.4	-20.3	271.2	14.1	14.1	-0.3	292.5	295.4	1.0	19.3	3.2	101.
7.9	26.0	2159.5	780.0	-0.2	-20.3	268.4	14.7	14.7	0.4	293.1	296.0	1.0	20.3	3.6	99.
8.2	27.0	2262.6	770.0	-0.9	-20.0	266.6	15.2	15.2	0.9	293.5	296.5	1.0	21.7	3.8	99.
8.6	28.0	2356.3	761.0	-1.7	-20.7	264.5	16.0	15.9	1.5	293.6	296.5	1.0	21.8	4.2	98.
9.0	29.0	2461.3	751.0	-2.6	-26.6	263.1	16.8	16.7	2.0	293.7	295.5	0.6	13.7	4.6	96.
9.3	30.0	2556.8	742.0	-3.1	-21.8	263.1	17.1	17.0	2.0	294.2	296.9	0.9	21.9	4.9	95.
9.7	31.0	2653.3	733.0	-3.9	-19.4	263.6	17.3	17.2	1.9	294.4	297.8	1.1	28.5	5.3	94.
10.1	32.0	2761.6	723.0	-4.5	-15.4	264.7	17.5	17.4	1.6	295.0	299.7	1.6	42.1	5.7	93.
10.4	33.0	2860.1	714.0	-5.4	-17.1	265.8	17.7	17.6	1.3	295.0	299.2	1.4	39.0	6.0	93.
10.8	34.0	2959.6	705.0	-5.7	-20.4	267.1	18.4	18.4	0.9	295.7	298.9	1.1	30.0	6.4	93.
11.2	35.0	3060.2	696.0	-6.3	-21.0	268.6	19.4	19.3	0.5	296.1	299.2	1.0	30.0	6.9	92.
11.6	36.0	3184.7	685.0	-7.0	-21.7	270.1	20.4	20.4	-0.0	296.6	299.6	1.0	29.7	7.4	92.
12.0	37.0	3287.7	676.0	-7.8	-22.3	271.8	21.5	21.5	-0.7	296.9	299.8	0.9	30.0	7.9	92.
12.4	38.0	3391.9	667.0	-8.1	-24.3	272.7	23.0	23.0	-1.1	297.7	300.2	0.8	25.6	8.4	92.
12.9	39.0	3497.3	658.0	-8.5	-27.3	271.7	25.1	25.1	-0.7	298.4	300.3	0.6	20.1	9.1	92.
13.2	40.0	3592.2	650.0	-8.4	-31.9	269.6	26.2	26.2	0.2	299.5	300.8	0.4	12.8	9.6	92.
13.7	41.0	3724.5	639.0	-8.6	-36.8	264.8	28.1	28.0	2.6	300.7	301.5	0.3	8.1	10.4	92.
14.0	42.0	3834.4	630.0	-8.9	-42.0	261.6	29.4	29.1	4.3	301.5	302.0	0.1	4.8	10.9	92.
14.4	43.0	3933.2	622.0	-9.5	-38.0	259.3	32.0	31.3	6.5	302.0	302.7	0.2	7.7	11.6	91.
14.7	44.0	4045.7	613.0	-9.8	-42.4	256.9	33.8	32.9	7.7	302.9	303.4	0.1	4.9	12.2	90.
15.2	45.0	4159.9	604.0	-9.4	-34.9	255.8	35.8	34.7	8.8	304.7	305.8	0.3	10.4	13.3	89.
15.5	46.0	4249.8	597.0	-10.1	-32.0	255.6	36.2	35.0	9.0	304.9	306.3	0.4	14.6	13.9	88.
15.9	47.0	4366.7	588.0	-11.0	-35.0	255.5	35.4	34.3	8.9	305.2	306.3	0.3	11.6	14.8	87.
16.2	48.0	4471.8	580.0	-11.8	-32.6	255.6	35.2	34.1	8.7	305.4	306.8	0.4	15.8	15.4	87.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
555 GMT

160 14. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
16.7	49.0	4564.6	573.0	-12.5	-27.9	256.2	35.7	34.6	8.5	305.7	307.8	0.7	26.2	16.4	86.
17.0	50.0	4685.5	564.0	-12.4	-33.7	256.7	36.6	35.6	8.4	307.2	308.5	0.4	14.8	17.0	86.
17.4	51.0	4822.1	554.0	-12.7	-43.8	257.0	38.1	37.1	8.6	308.4	308.9	0.1	5.3	17.8	85.
17.8	52.0	4932.9	546.0	-13.5	-38.7	256.6	39.0	38.0	9.0	308.7	309.5	0.2	9.8	18.9	85.
18.2	53.0	5045.0	538.0	-14.3	-27.7	256.2	39.7	38.5	9.5	309.1	311.4	0.7	30.9	19.8	85.
18.5	54.0	5158.5	530.0	-15.0	-26.7	255.9	40.1	38.9	9.7	309.6	312.2	0.8	36.0	20.4	84.
19.0	55.0	5258.9	523.0	-15.9	-24.4	256.2	40.9	39.7	9.8	309.8	313.0	1.0	47.8	21.7	84.
19.4	56.0	5389.5	514.0	-17.0	-24.6	256.7	40.9	39.8	9.4	310.0	313.2	1.0	51.4	22.7	84.
19.8	57.0	5507.0	506.0	-18.2	-24.9	257.6	41.1	40.2	8.8	309.9	313.1	1.0	55.6	23.6	83.
20.2	58.0	5625.9	498.0	-19.1	-25.7	258.8	41.9	41.1	8.2	310.1	313.1	0.9	55.6	24.6	83.
20.6	59.0	5731.1	491.0	-20.0	-26.7	260.0	43.2	42.5	7.5	310.4	313.2	0.9	54.8	25.6	83.
21.0	60.0	5852.7	483.0	-21.2	-28.3	260.7	44.5	43.9	7.2	310.3	312.8	0.8	52.5	26.6	83.
21.4	61.0	5960.4	476.0	-21.8	-29.1	260.9	44.8	44.2	7.1	310.8	313.2	0.7	51.7	27.9	83.
21.9	62.0	6069.3	469.0	-22.8	-29.3	260.9	44.7	44.1	7.1	311.0	313.3	0.7	54.7	29.0	83.
22.3	63.0	6179.4	462.0	-23.6	-31.7	260.7	45.0	44.4	7.3	311.3	313.2	0.6	46.8	30.2	83.
22.8	64.0	6307.1	454.0	-23.7	-41.2	260.4	45.8	45.1	7.5	312.6	313.4	0.2	18.0	31.5	83.
23.3	65.0	6420.6	447.0	-24.0	-47.1	260.4	45.6	45.0	7.6	313.7	314.1	0.1	9.7	32.9	82.
23.8	66.0	6552.2	439.0	-25.0	-63.4	261.1	44.1*	43.6	6.8	313.9	314.0	0.0	1.4	34.5	82.
24.3	67.0	6685.6	431.0	-25.8	-51.7	262.3	43.9*	43.5	5.9	314.6	314.9	0.1	6.7	35.4	82.
24.7	68.0	6786.9	425.0	-27.1	-47.2	262.9	45.3*	45.0	5.6	314.2	314.6	0.1	12.7	36.5	82.
25.2	69.0	6906.4	418.0	-28.1	-38.2	263.0	48.4*	48.1	5.9	314.5	315.7	0.3	36.8	38.1	82.
25.7	70.0	7010.0	412.0	-29.1	-35.3	262.6	52.8*	52.4	6.8	314.5	316.0	0.5	54.8	39.3	82.
26.2	71.0	7149.8	404.0	-30.4	-35.5	262.5	56.2*	55.7	7.4	314.5	316.1	0.5	61.0	41.1	82.
26.6	72.0	7291.9	396.0	-31.1	-38.3	262.6	55.3*	54.8	7.2	315.5	316.7	0.3	48.6	42.8	82.
27.0	73.0	7399.9	390.0	-31.9	-39.7	262.9	50.7*	50.3	6.3	315.8	316.9	0.3	45.3	44.2	82.
27.4	74.0	7527.7	383.0	-32.8	-40.9	263.3	48.0*	47.6	5.6	316.2	317.2	0.3	43.9	44.9	82.
27.9	75.0	7638.7	377.0	-33.7	-42.9	263.5	47.7*	47.4	5.4	316.4	317.2	0.2	38.5	46.4	82.
28.3	76.0	7769.9	370.0	-34.7	-45.3	263.2	47.7*	47.3	5.7	316.9	317.5	0.2	32.6	47.6	82.
28.8	77.0	7903.0	363.0	-36.0	-47.1	262.8	46.9*	46.5	5.9	316.8	317.4	0.1	30.5	49.0	82.
29.2	78.0	8018.5	357.0	-36.9	-50.2	262.6	47.3*	46.9	6.1	317.1	317.5	0.1	23.4	50.1	82.
29.7	79.0	8135.6	351.0	-37.6	-57.7	262.5	50.6*	50.2	6.6	317.7	317.9	0.0	10.1	51.5	82.
30.2	80.0	8254.4	345.0	-38.5	-58.0	262.5	54.2*	53.8	7.1	318.0	318.2	0.0	10.7	53.0	82.
30.8	81.0	8394.9	338.0	-39.6	-58.7	262.0	50.5*	50.0	7.0	318.4	318.5	0.0	10.9	55.4	82.
31.3	82.0	8517.1	332.0	-41.0	99.9	260.8	44.1*	43.5	7.0	318.3	999.9	99.9	999.9	56.7	82.
31.8	83.0	8640.8	326.0	-42.1	99.9	259.4	43.6*	42.8	8.0	318.4	999.9	99.9	999.9	57.5	82.
32.3	84.0	8766.2	320.0	-43.3	99.9	259.1	48.5*	47.6	9.2	318.4	999.9	99.9	999.9	59.2	82.
32.8	85.0	8893.3	314.0	-44.5	99.9	259.5	53.8*	52.9	9.8	318.5	999.9	99.9	999.9	60.6	82.
33.4	86.0	9043.9	307.0	-45.7	99.9	259.7	55.8*	54.9	10.0	318.8	999.9	99.9	999.9	62.8	82.
33.8	87.0	9153.1	302.0	-46.6	99.9	259.3	51.5*	50.6	9.6	319.1	999.9	99.9	999.9	64.3	82.
34.2	88.0	9285.9	296.0	-47.9	99.9	258.5	45.8*	44.8	9.1	319.1	999.9	99.9	999.9	65.4	82.
34.7	89.0	9397.9	291.0	-49.4	99.9	257.4	43.1*	42.0	9.4	318.5	999.9	99.9	999.9	66.4	82.
35.1	90.0	9534.2	285.0	-50.3	99.9	256.3	44.7	43.4	10.6	319.2	999.9	99.9	999.9	67.3	82.
35.6	91.0	9649.5	280.0	-51.3	99.9	999.9	99.9	99.9	99.9	319.2	999.9	99.9	999.9	999.9	999.
36.1	92.0	9766.2	275.0	-52.6	99.9	999.9	99.9	99.9	99.9	319.1	999.9	99.9	999.9	999.9	999.
36.6	93.0	9908.4	269.0	-53.7	99.9	999.9	99.9	99.9	99.9	319.5	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
555 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.1	94.0	10028.8	264.0	-54.5	99.9	999.9	99.9	99.9	99.9	320.1	999.9	99.9	999.9	999.9	999.9
37.6	95.0	10151.0	259.0	-55.6	99.9	999.9	99.9	99.9	99.9	320.2	999.9	99.9	999.9	999.9	999.9
38.2	96.0	10300.0	253.0	-56.6	99.9	999.9	99.9	99.9	99.9	320.9	999.9	99.9	999.9	999.9	999.9
38.7	97.0	10401.1	249.0	-56.7	99.9	999.9	99.9	99.9	99.9	322.1	999.9	99.9	999.9	999.9	999.9
39.3	98.0	10529.6	244.0	-57.1	99.9	999.9	99.9	99.9	99.9	323.5	999.9	99.9	999.9	999.9	999.9
39.7	99.0	10687.0	238.0	-57.4	99.9	999.9	99.9	99.9	99.9	325.3	999.9	99.9	999.9	999.9	999.9
40.1	100.0	10794.1	234.0	-57.7	99.9	999.9	99.9	99.9	99.9	326.4	999.9	99.9	999.9	999.9	999.9
40.7	101.0	10985.8	227.0	-57.4	99.9	999.9	99.9	99.9	99.9	329.7	999.9	99.9	999.9	999.9	999.9
41.2	102.0	11098.1	223.0	-57.9	99.9	999.9	99.9	99.9	99.9	330.6	999.9	99.9	999.9	999.9	999.9
41.7	103.0	11240.6	218.0	-59.1	99.9	999.9	99.9	99.9	99.9	330.9	999.9	99.9	999.9	999.9	999.9
42.2	104.0	11356.5	214.0	-59.8	99.9	999.9	99.9	99.9	99.9	331.6	999.9	99.9	999.9	999.9	999.9
42.8	105.0	11504.2	209.0	-60.0	99.9	999.9	99.9	99.9	99.9	333.6	999.9	99.9	999.9	999.9	999.9
43.3	106.0	11624.9	205.0	-60.0	99.9	999.9	99.9	99.9	99.9	335.4	999.9	99.9	999.9	999.9	999.9
43.8	107.0	11748.5	201.0	-57.9	99.9	999.9	99.9	99.9	99.9	340.6	999.9	99.9	999.9	999.9	999.9
44.4	108.0	11875.7	197.0	-56.2	99.9	999.9	99.9	99.9	99.9	345.2	999.9	99.9	999.9	999.9	999.9
44.9	109.0	12038.9	192.0	-56.7	99.9	999.9	99.9	99.9	99.9	347.0	999.9	99.9	999.9	999.9	999.9
45.2	110.0	12172.4	188.0	-56.7	99.9	999.9	99.9	99.9	99.9	349.1	999.9	99.9	999.9	999.9	999.9
45.8	111.0	12343.2	183.0	-56.7	99.9	999.9	99.9	99.9	99.9	351.8	999.9	99.9	999.9	999.9	999.9
46.3	112.0	12483.4	179.0	-56.4	99.9	999.9	99.9	99.9	99.9	354.5	999.9	99.9	999.9	999.9	999.9
46.9	113.0	12626.7	175.0	-57.1	99.9	999.9	99.9	99.9	99.9	355.7	999.9	99.9	999.9	999.9	999.9
47.6	114.0	12772.9	171.0	-57.4	99.9	999.9	99.9	99.9	99.9	357.5	999.9	99.9	999.9	999.9	999.9
48.3	115.0	12922.5	167.0	-57.4	99.9	999.9	99.9	99.9	99.9	360.0	999.9	99.9	999.9	999.9	999.9
49.2	116.0	13114.7	162.0	-57.2	99.9	999.9	99.9	99.9	99.9	363.4	999.9	99.9	999.9	999.9	999.9
49.8	117.0	13232.7	159.0	-57.9	99.9	999.9	99.9	99.9	99.9	364.2	999.9	99.9	999.9	999.9	999.9
50.4	118.0	13393.0	155.0	-58.9	99.9	999.9	99.9	99.9	99.9	365.1	999.9	99.9	999.9	999.9	999.9
51.1	119.0	13557.0	151.0	-59.1	99.9	999.9	99.9	99.9	99.9	367.6	999.9	99.9	999.9	999.9	999.9
51.7	120.0	13725.2	147.0	-59.5	99.9	999.9	99.9	99.9	99.9	369.8	999.9	99.9	999.9	999.9	999.9
52.2	121.0	13854.2	144.0	-59.5	99.9	999.9	99.9	99.9	99.9	372.0	999.9	99.9	999.9	999.9	999.9
52.9	122.0	13985.9	141.0	-59.6	99.9	999.9	99.9	99.9	99.9	373.9	999.9	99.9	999.9	999.9	999.9
53.6	123.0	14166.2	137.0	-59.1	99.9	999.9	99.9	99.9	99.9	377.9	999.9	99.9	999.9	999.9	999.9
54.2	124.0	14305.0	134.0	-59.1	99.9	999.9	99.9	99.9	99.9	380.3	999.9	99.9	999.9	999.9	999.9
54.8	125.0	14495.1	130.0	-58.9	99.9	999.9	99.9	99.9	99.9	384.0	999.9	99.9	999.9	999.9	999.9
55.7	126.0	14691.1	126.0	-59.1	99.9	999.9	99.9	99.9	99.9	387.1	999.9	99.9	999.9	999.9	999.9
56.3	127.0	14842.2	123.0	-58.9	99.9	999.9	99.9	99.9	99.9	390.1	999.9	99.9	999.9	999.9	999.9
56.9	128.0	14996.8	120.0	-60.0	99.9	999.9	99.9	99.9	99.9	390.9	999.9	99.9	999.9	999.9	999.9
57.6	129.0	15154.5	117.0	-61.0	99.9	999.9	99.9	99.9	99.9	391.8	999.9	99.9	999.9	999.9	999.9
58.2	130.0	15315.3	114.0	-62.5	99.9	999.9	99.9	99.9	99.9	392.0	999.9	99.9	999.9	999.9	999.9
59.1	131.0	15535.1	110.0	-63.6	99.9	999.9	99.9	99.9	99.9	393.9	999.9	99.9	999.9	999.9	999.9
59.8	132.0	15704.9	107.0	-63.4	99.9	999.9	99.9	99.9	99.9	397.4	999.9	99.9	999.9	999.9	999.9
60.4	133.0	15938.9	103.0	-63.4	99.9	999.9	99.9	99.9	99.9	401.7	999.9	99.9	999.9	999.9	999.9
61.1	134.0	16120.5	100.0	-63.4	99.9	999.9	99.9	99.9	99.9	405.2	999.9	99.9	999.9	999.9	999.9
61.9	135.0	16244.6	98.0	-63.3	99.9	999.9	99.9	99.9	99.9	407.9	999.9	99.9	999.9	999.9	999.9
62.7	136.0	16501.0	94.0	-62.9	99.9	999.9	99.9	99.9	99.9	413.5	999.9	99.9	999.9	999.9	999.9
63.6	137.0	16700.6	91.0	-63.3	99.9	999.9	99.9	99.9	99.9	416.6	999.9	99.9	999.9	999.9	999.9
64.4	138.0	16977.6	87.0	-62.3	99.9	999.9	99.9	99.9	99.9	423.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
555 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.2	139.0	17194.0	84.0	-62.9	99.9	999.9	99.9	99.9	99.9	427.0	999.9	99.9	999.9	999.9	999.
66.1	140.0	17417.8	81.0	-63.3	99.9	999.9	99.9	99.9	99.9	430.7	999.9	99.9	999.9	999.9	999.
67.0	141.0	17649.4	78.0	-64.0	99.9	999.9	99.9	99.9	99.9	433.8	999.9	99.9	999.9	999.9	999.
68.0	142.0	17889.7	75.0	-64.0	99.9	999.9	99.9	99.9	99.9	438.7	999.9	99.9	999.9	999.9	999.
69.0	143.0	18139.9	72.0	-63.8	99.9	999.9	99.9	99.9	99.9	444.3	999.9	99.9	999.9	999.9	999.
70.1	144.0	18400.1	69.0	-65.0	99.9	999.9	99.9	99.9	99.9	447.2	999.9	99.9	999.9	999.9	999.
71.2	145.0	18671.4	66.0	-64.6	99.9	999.9	99.9	99.9	99.9	453.8	999.9	99.9	999.9	999.9	999.
72.2	146.0	18956.3	63.0	-63.6	99.9	999.9	99.9	99.9	99.9	462.0	999.9	99.9	999.9	999.9	999.
73.3	147.0	19256.0	60.0	-63.3	99.9	999.9	99.9	99.9	99.9	469.3	999.9	99.9	999.9	999.9	999.
74.4	148.0	19571.6	57.0	-62.9	99.9	999.9	99.9	99.9	99.9	477.1	999.9	99.9	999.9	999.9	999.
75.6	149.0	19903.7	54.0	-64.0	99.9	999.9	99.9	99.9	99.9	481.9	999.9	99.9	999.9	999.9	999.
76.8	150.0	20253.4	51.0	-64.6	99.9	999.9	99.9	99.9	99.9	488.5	999.9	99.9	999.9	999.9	999.
78.1	151.0	20624.2	48.0	-64.0	99.9	999.9	99.9	99.9	99.9	498.4	999.9	99.9	999.9	999.9	999.
79.3	152.0	20884.8	46.0	-64.2	99.9	999.9	99.9	99.9	99.9	504.1	999.9	99.9	999.9	999.9	999.
80.8	153.0	21297.4	43.0	-64.4	99.9	999.9	99.9	99.9	99.9	513.4	999.9	99.9	999.9	999.9	999.
82.2	154.0	21741.6	40.0	-62.5	99.9	999.9	99.9	99.9	99.9	523.9	999.9	99.9	999.9	999.9	999.
83.7	155.0	22221.6	37.0	-63.4	99.9	999.9	99.9	99.9	99.9	538.4	999.9	99.9	999.9	999.9	999.
85.3	156.0	22740.5	34.0	-63.8	99.9	999.9	99.9	99.9	99.9	550.6	999.9	99.9	999.9	999.9	999.
87.1	157.0	23306.6	31.0	-64.0	99.9	999.9	99.9	99.9	99.9	564.8	999.9	99.9	999.9	999.9	999.
88.9	158.0	23932.9	28.0	-62.1	99.9	999.9	99.9	99.9	99.9	586.7	999.9	99.9	999.9	999.9	999.
90.9	159.0	24390.6	26.0	-62.5	99.9	999.9	99.9	99.9	99.9	598.2	999.9	99.9	999.9	999.9	999.
93.3	160.0	25150.3	23.0	-60.7	99.9	999.9	99.9	99.9	99.9	624.9	999.9	99.9	999.9	999.9	999.
95.7	161.0	26024.8	20.0	-58.4	99.9	999.9	99.9	99.9	99.9	657.4	999.9	99.9	999.9	999.9	999.
98.7	162.0	27049.0	17.0	-57.6	99.9	999.9	99.9	99.9	99.9	691.4	999.9	99.9	999.9	999.9	999.
102.0	163.0	28279.3	14.0	-56.1	99.9	999.9	99.9	99.9	99.9	735.9	999.9	99.9	999.9	999.9	999.

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
1115 GMT

139 79. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	79.0	1011.5	1.1	-3.7	330.0	8.2	4.1	-7.1	273.7	281.1	2.9	70.0	0.0	0.
0.3	6.0	178.8	999.0	-0.4	-2.1	306.3	11.0	8.9	-6.5	273.3	281.7	3.3	88.1	0.2	151.
0.8	7.0	267.3	988.0	-1.2	-2.3	309.0	10.1	8.0	-6.2	273.3	281.7	3.3	92.1	0.3	137.
1.0	8.0	348.4	978.0	-1.8	-2.4	309.3	9.5	7.4	-6.0	273.5	281.9	3.3	95.3	0.5	134.
1.3	9.0	430.2	968.0	-2.6	-3.5	317.4	8.8	6.0	-6.5	273.5	281.3	3.1	93.6	0.6	134.
1.7	10.0	512.5	958.0	-3.5	-4.2	327.4	9.1	4.9	-7.6	273.3	280.8	2.9	94.7	0.8	136.
2.1	11.0	620.5	945.0	-4.0	-4.3	332.4	10.1	4.7	-8.9	273.9	281.5	2.9	97.5	1.0	140.
2.4	12.0	712.9	934.0	-4.6	-4.9	332.6	10.5	4.8	-9.3	274.2	281.6	2.8	97.4	1.2	142.
2.7	13.0	797.6	924.0	-4.9	-5.2	331.7	10.7	5.1	-9.4	274.8	282.1	2.8	97.8	1.4	143.
3.0	14.0	883.3	914.0	-4.7	-5.0	330.3	10.8	5.4	-9.4	275.8	283.3	2.9	97.8	1.6	144.
3.4	15.0	970.3	904.0	-2.9	-3.2	327.9	11.1	5.9	-9.4	278.6	287.3	3.4	97.9	1.9	145.
3.8	16.0	1085.1	891.0	-3.0	-3.4	318.4	10.5	6.9	-7.8	279.6	288.4	3.3	97.4	2.1	145.
4.2	17.0	1174.5	881.0	-3.7	-4.5	302.8	11.3	9.5	-6.1	279.8	288.0	3.1	94.0	2.4	144.
4.6	18.0	1265.0	871.0	-2.3	-2.7	293.2	14.2	13.1	-5.6	282.3	291.8	3.6	96.9	2.6	141.
4.9	19.0	1357.0	861.0	-1.5	-2.0	294.4	16.1	14.7	-6.7	284.0	294.2	3.9	96.5	2.9	138.
5.2	20.0	1450.2	851.0	-1.5	-2.3	297.9	16.1	14.3	-7.6	285.0	295.1	3.8	94.2	3.2	136.
5.7	21.0	1563.4	839.0	-1.5	-2.6	304.2	15.1	12.5	-8.5	286.1	296.2	3.8	92.0	3.6	134.
6.1	22.0	1659.0	829.0	-1.9	-3.5	304.6	14.9	12.2	-8.5	286.6	296.2	3.6	89.2	4.0	133.
6.4	23.0	1745.8	820.0	-2.3	-4.1	301.4	15.7	13.4	-8.2	287.1	296.4	3.4	87.0	4.2	133.
6.8	24.0	1843.4	810.0	-2.4	-4.4	299.6	18.6	16.1	-9.2	288.0	297.2	3.4	86.0	4.6	132.
7.1	25.0	1932.1	801.0	-2.9	-5.1	294.8	20.7	18.1	-10.0	288.4	297.3	3.3	84.6	5.0	131.
7.5	26.0	2051.7	789.0	-3.5	-5.9	297.0	22.2	19.8	-10.1	288.9	297.5	3.1	83.4	5.5	130.
7.8	27.0	2142.3	780.0	-4.0	-6.3	292.7	23.4	21.6	-9.0	289.4	297.8	3.1	83.6	5.9	129.
8.2	28.0	2244.2	770.0	-4.6	-6.9	286.9	25.0	23.9	-7.3	289.8	297.9	3.0	83.5	6.4	127.
8.5	29.0	2336.8	761.0	-4.9	-7.2	282.6	26.2	25.6	-5.7	290.4	298.5	2.9	83.5	6.9	126.
8.9	30.0	2441.0	751.0	-4.3	-6.1	275.5	26.8	26.6	-2.6	292.2	301.2	3.2	87.0	7.5	124.
9.2	31.0	2525.5	743.0	-4.3	-5.2	270.0	26.7	26.7	-0.0	293.2	302.9	3.5	93.3	8.0	122.
9.5	32.0	2621.7	734.0	-4.4	-5.2	264.2	26.5	26.4	2.7	294.0	303.9	3.5	94.1	8.4	120.
9.9	33.0	2729.8	724.0	-4.9	-5.4	257.4	26.3	25.7	5.7	294.7	304.5	3.5	95.8	8.8	117.
10.2	34.0	2828.3	715.0	-5.2	-5.6	253.7	26.7	25.7	7.5	295.4	305.3	3.5	96.7	9.2	115.
10.5	35.0	2916.7	707.0	-5.3	-5.7	250.9	27.4	25.9	9.0	296.2	306.1	3.5	97.3	9.6	113.
10.9	36.0	3040.0	696.0	-5.3	-5.7	250.6	29.0	27.4	9.7	297.5	307.7	3.6	97.3	10.0	110.
11.2	37.0	3142.2	687.0	-6.1	-6.4	251.2	30.1	28.5	9.7	297.8	307.5	3.4	97.4	10.4	108.
11.5	38.0	3245.5	678.0	-6.7	-7.0	252.1	31.2	29.7	9.6	298.2	307.7	3.3	97.3	10.9	107.
11.8	39.0	3349.8	669.0	-7.6	-7.9	253.6	31.9	30.6	9.0	298.3	307.3	3.1	97.2	11.4	105.
12.2	40.0	3443.5	661.0	-8.0	-8.4	255.5	32.8	31.8	8.2	298.8	307.6	3.1	96.9	12.0	103.
12.6	41.0	3573.8	650.0	-8.9	-9.5	257.2	33.5	32.6	7.4	299.3	307.5	2.9	95.5	12.7	101.
12.9	42.0	3669.6	642.0	-9.9	-11.5	257.9	33.6	32.9	7.0	299.1	306.3	2.5	88.0	13.4	100.
13.3	43.0	3778.5	633.0	-10.9	-12.8	259.1	33.6	32.9	7.0	299.1	305.7	2.2	85.6	14.1	99.
13.7	44.0	3876.1	625.0	-11.6	-13.5	257.7	33.5	32.8	7.2	299.4	305.7	2.2	85.6	14.8	98.
14.0	45.0	3974.8	617.0	-12.3	-13.9	257.2	33.5	32.6	7.4	299.7	305.9	2.1	87.8	15.4	97.
14.3	46.0	4087.2	608.0	-12.6	-13.7	256.9	33.3	32.4	7.5	300.6	307.1	2.2	91.6	16.0	97.
14.8	47.0	4188.2	600.0	-13.7	-14.8	257.6	33.4	32.6	7.2	300.4	306.4	2.0	91.7	16.9	95.
15.1	48.0	4290.1	592.0	-14.6	-15.2	258.9	34.1	33.4	6.5	300.6	306.5	2.0	95.0	17.4	95.
15.5	49.0	4393.1	584.0	-15.3	-15.9	261.9	35.8	35.5	5.1	301.0	306.6	1.9	95.1	18.1	94.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
1115 GMT

139 79. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.8	50.0	4497.4	576.0	-15.4	-21.1	264.1	37.6	37.4	3.8	301.9	305.7	1.2	61.5	18.9	94.
16.2	51.0	4629.8	566.0	-15.0	-59.4	266.3	39.9	39.8	2.6	303.8	303.8	0.0	1.0	19.8	93.
16.7	52.0	4737.5	558.0	-14.4	-38.1	267.3	42.3	42.3	2.0	305.7	306.5	0.3	11.2	21.0	93.
17.1	53.0	4833.2	551.0	-14.7	-32.9	266.8	43.6	43.6	2.4	306.5	307.9	0.4	19.5	22.1	93.
17.4	54.0	4943.8	543.0	-15.3	-31.1	265.9	43.9	43.8	3.2	307.1	308.8	0.5	24.2	22.9	93.
17.8	55.0	5055.9	535.0	-15.4	-28.1	264.2	43.6	43.4	4.4	308.3	310.6	0.7	32.6	24.0	92.
18.2	56.0	5198.2	525.0	-16.2	-27.8	262.3	43.8	43.4	5.9	309.0	311.3	0.7	35.9	25.0	92.
18.6	57.0	5299.1	518.0	-17.1	-27.5	260.9	45.2	44.6	7.2	309.2	311.6	0.8	39.6	26.0	92.
19.0	58.0	5401.1	511.0	-17.9	-27.5	260.4	48.0	47.3	8.0	309.4	311.9	0.8	42.5	27.0	91.
19.3	59.0	5519.0	503.0	-18.3	-27.0	260.7	49.7	49.0	8.0	310.3	313.0	0.8	46.1	27.9	91.
19.7	60.0	5639.6	495.0	-19.0	-25.3	260.9	50.7	50.1	8.0	310.9	314.1	1.0	57.2	29.2	90.
20.1	61.0	5744.6	488.0	-19.5	-24.2	260.9	50.5*	49.9	8.0	311.5	315.1	1.1	66.3	30.5	90.
20.4	62.0	5867.4	480.0	-20.0	-25.3	260.5	50.2*	49.5	8.3	312.3	315.6	1.0	62.8	31.3	90.
20.8	63.0	5960.5	474.0	-21.0	-25.7	260.2	50.3*	49.6	8.6	312.3	315.5	1.0	65.3	32.4	89.
21.1	64.0	6086.0	466.0	-22.0	-26.7	260.0	50.2*	49.4	8.7	312.4	315.4	0.9	65.4	33.3	89.
21.5	65.0	6157.2	459.0	-23.0	-29.4	259.9	48.9*	48.1	8.6	312.6	315.0	0.7	55.3	34.8	89.
22.0	66.0	6342.1	450.0	-24.0	-32.5	259.8	47.0*	46.3	8.3	313.0	314.9	0.5	45.1	36.0	88.
22.4	67.0	6439.9	444.0	-24.8	-37.0	260.1	47.3*	46.6	8.1	313.2	314.4	0.4	30.9	36.9	88.
22.8	68.0	6555.2	437.0	-25.9	-39.7	260.4	47.9*	47.2	8.0	313.3	314.2	0.3	25.9	38.4	88.
23.1	69.0	6672.0	430.0	-26.7	-47.2	260.6	48.5*	47.9	7.9	313.7	314.1	0.1	12.2	39.3	88.
23.5	70.0	6790.4	423.0	-27.2	-67.3	260.7	49.9*	49.2	8.1	314.5	314.5	0.0	1.0	39.7	87.
23.9	71.0	6945.2	414.0	-27.6	-67.6	260.8	53.7*	53.0	8.6	315.9	315.9	0.0	1.0	41.6	87.
24.3	72.0	7050.0	408.0	-28.4	-68.1	260.9	57.5*	56.7	9.1	316.2	316.2	0.0	1.0	42.6	87.
24.7	73.0	7173.8	401.0	-29.3	-68.7	260.6	58.4*	57.6	9.5	316.6	316.6	0.0	1.0	44.1	87.
25.1	74.0	7281.3	395.0	-30.1	-69.2	260.0	54.8*	54.0	9.5	316.9	316.9	0.0	1.0	46.0	87.
25.5	75.0	7390.0	389.0	-31.3	-70.0	258.8	46.4*	45.5	9.0	316.7	316.8	0.0	1.0	47.1	86.
25.9	76.0	7518.3	382.0	-32.4	-70.7	258.3	40.2*	39.3	8.1	317.0	317.0	0.0	1.0	47.9	86.
26.3	77.0	7629.7	376.0	-33.4	-71.4	259.7	41.6*	41.0	7.5	317.0	317.1	0.0	1.0	48.7	86.
26.7	78.0	7761.3	369.0	-34.8	-72.3	261.8	50.5*	50.0	7.2	317.0	317.0	0.0	1.0	49.5	86.
27.0	79.0	7875.6	363.0	-35.4	-72.8	263.2	60.8*	60.3	7.2	317.6	317.6	0.0	1.0	50.2	86.
27.3	80.0	7991.4	357.0	-36.6	-73.6	263.9	68.5*	68.2	7.3	317.5	317.5	0.0	1.0	51.5	86.
27.8	81.0	8128.2	350.0	-38.0	-72.3	264.4	69.3*	69.0	6.8	317.4	317.5	0.0	1.4	54.5	86.
28.2	82.0	8267.0	343.0	-39.2	-72.4	264.3	59.0*	58.7	5.9	317.6	317.6	0.0	1.6	56.4	86.
28.6	83.0	8387.7	337.0	-40.2	99.9	263.8	46.0*	45.7	5.0	318.0	999.9	99.9	999.9	57.2	86.
29.0	84.0	8489.4	332.0	-41.4	99.9	263.4	38.7*	38.5	4.4	317.7	999.9	99.9	999.9	57.9	86.
29.4	85.0	8613.0	326.0	-42.4	99.9	264.4	43.1*	42.9	4.2	318.0	999.9	99.9	999.9	58.7	86.
29.9	86.0	8759.3	319.0	-43.6	99.9	266.6	55.3*	55.2	3.3	318.3	999.9	99.9	999.9	60.2	86.
30.3	87.0	8886.6	313.0	-44.9	99.9	268.2	63.4*	63.3	2.0	318.2	999.9	99.9	999.9	61.2	86.
30.8	88.0	9015.7	307.0	-45.9	99.9	269.8	61.7*	61.7	0.2	318.6	999.9	99.9	999.9	64.5	86.
31.2	89.0	9124.8	302.0	-47.1	99.9	270.8	53.2*	53.2	-0.7	318.4	999.9	99.9	999.9	65.9	86.
31.6	90.0	9257.4	296.0	-47.9	99.9	271.0	44.7*	44.7	-0.8	319.0	999.9	99.9	999.9	65.6	86.
32.0	91.0	9369.5	291.0	-49.1	99.9	270.1	41.6*	41.6	-0.1	318.9	999.9	99.9	999.9	67.7	86.
32.4	92.0	9482.9	286.0	-50.5	99.9	269.0	43.5*	43.5	0.7	318.6	999.9	99.9	999.9	68.5	86.
32.8	93.0	9620.8	280.0	-51.5	99.9	268.9	47.0*	47.0	0.9	319.0	999.9	99.9	999.9	69.0	86.
33.1	94.0	9737.5	275.0	-52.6	99.9	269.2	49.4*	49.4	0.7	319.0	999.9	99.9	999.9	69.8	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
1115 GMT

139 79. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
33.5	95.0	9879.7	269.0	-53.7	99.9	270.2	50.9*	50.9	-0.1	319.4	999.9	99.9	999.9	72.2	86.
34.0	96.0	10024.4	263.0	-54.4	99.9	270.9	55.1*	55.0	-0.8	320.6	999.9	99.9	999.9	73.2	86.
34.4	97.0	10122.6	259.0	-54.5	99.9	271.0	66.4*	66.4	-1.1	321.8	999.9	99.9	999.9	73.2	86.
34.8	98.0	10272.4	253.0	-55.3	99.9	271.9	71.9*	71.9	-2.4	322.7	999.9	99.9	999.9	76.3	87.
35.1	99.0	10373.9	249.0	-56.3	99.9	273.0	72.5*	72.4	-3.8	322.7	999.9	99.9	999.9	78.6	87.
35.5	100.0	10502.9	244.0	-55.8	99.9	275.3	67.4*	67.1	-6.2	325.3	999.9	99.9	999.9	79.5	87.
36.0	101.0	10687.9	237.0	-56.3	99.9	275.5	72.2*	71.9	-6.9	327.3	999.9	99.9	999.9	79.9	87.
36.4	102.0	10795.8	233.0	-57.2	99.9	274.3	73.9*	73.7	-5.5	327.6	999.9	99.9	999.9	83.2	87.
36.8	103.0	10932.8	228.0	-58.2	99.9	273.5	65.1*	65.0	-4.0	329.1	999.9	99.9	999.9	85.5	87.
37.2	104.0	11072.3	223.0	-58.5	99.9	272.9	56.3*	56.3	-2.8	329.7	999.9	99.9	999.9	86.5	87.
37.6	105.0	11185.9	219.0	-59.0	99.9	272.3	53.1*	53.1	-2.1	330.6	999.9	99.9	999.9	86.8	88.
38.0	106.0	11330.5	214.0	-59.9	99.9	272.2	56.0*	56.0	-2.2	331.4	999.9	99.9	999.9	87.8	88.
38.5	107.0	11448.1	210.0	-60.8	99.9	274.7	40.1*	40.0	-3.3	331.8	999.9	99.9	999.9	92.3	88.
39.0	108.0	11597.8	205.0	-61.4	99.9	280.1	20.1*	19.8	-3.5	333.3	999.9	99.9	999.9	90.9	88.
39.6	109.0	11720.0	201.0	-61.5	99.9	272.1	31.9*	31.9	-1.2	334.9	999.9	99.9	999.9	91.0	88.
40.0	110.0	11844.6	197.0	-61.5	99.9	269.3	46.7*	46.7	0.6	336.8	999.9	99.9	999.9	92.8	88.
40.8	111.0	12005.1	192.0	-58.5	99.9	269.0	42.3*	42.3	0.8	344.1	999.9	99.9	999.9	95.3	88.
41.4	112.0	12171.4	187.0	-57.3	99.9	266.5	34.6*	34.6	2.1	348.6	999.9	99.9	999.9	96.5	88.
41.9	113.0	12307.9	183.0	-58.0	99.9	260.9	32.8*	32.4	5.2	349.7	999.9	99.9	999.9	97.5	88.
42.5	114.0	12447.4	179.0	-57.2	99.9	255.2	33.9*	32.8	8.7	353.3	999.9	99.9	999.9	98.6	88.
43.0	115.0	12590.6	175.0	-56.5	99.9	255.2	40.6*	39.2	10.4	356.7	999.9	99.9	999.9	99.7	88.
43.7	116.0	12737.2	171.0	-57.2	99.9	257.7	61.6*	60.2	13.1	358.0	999.9	99.9	999.9	101.4	87.
44.2	117.0	12886.9	167.0	-57.2	99.9	258.3	74.9*	73.4	15.2	360.4	999.9	99.9	999.9	103.8	87.
44.8	118.0	13040.2	163.0	-57.5	99.9	257.6	80.7*	78.8	17.3	362.3	999.9	99.9	999.9	106.7	87.
45.4	119.0	13197.3	159.0	-57.2	99.9	254.2	70.6*	67.9	19.2	365.5	999.9	99.9	999.9	109.7	87.
46.0	120.0	13358.3	155.0	-57.7	99.9	244.2	45.3*	40.8	19.7	367.3	999.9	99.9	999.9	112.8	86.
46.6	121.0	13481.4	152.0	-58.3	99.9	234.5	31.8*	25.9	18.5	368.2	999.9	99.9	999.9	112.3	86.
47.1	122.0	13648.9	148.0	-59.2	99.9	240.7	35.4*	30.9	17.4	369.5	999.9	99.9	999.9	113.4	86.
47.7	123.0	13777.0	145.0	-59.9	99.9	250.6	48.1*	45.4	16.0	370.4	999.9	99.9	999.9	114.6	86.
48.2	124.0	13951.5	141.0	-60.4	99.9	255.0	57.2*	55.2	14.8	372.5	999.9	99.9	999.9	116.4	85.
48.8	125.0	14085.6	138.0	-60.3	99.9	258.6	65.7**	64.4	13.0	375.1	999.9	99.9	999.9	118.5	85.
49.6	126.0	14269.0	134.0	-60.3	99.9	262.5	69.9**	69.3	9.1	378.3	999.9	99.9	999.9	122.0	85.
50.1	127.0	14457.8	130.0	-60.6	99.9	263.8	48.6**	48.4	5.2	380.9	999.9	99.9	999.9	124.7	85.
50.8	128.0	14603.1	127.0	-60.8	99.9	85.5	13.7**	-13.2	-1.1	383.1	999.9	99.9	999.9	126.0	85.
51.5	129.0	14751.7	124.0	-61.0	99.9	84.8	42.8**	-42.7	-3.9	385.4	999.9	99.9	999.9	122.0	85.
52.1	130.0	14903.6	121.0	-61.7	99.9	77.3	9.8**	-9.6	-2.2	386.8	999.9	99.9	999.9	121.5	85.
52.9	131.0	15059.0	118.0	-61.9	99.9	269.8	25.4*	25.4	0.1	389.3	999.9	99.9	999.9	122.7	85.
53.6	132.0	15218.6	115.0	-61.2	99.9	264.4	34.8*	34.6	3.4	393.5	999.9	99.9	999.9	124.0	85.
54.2	133.0	15438.5	111.0	-61.2	99.9	260.9	37.0*	36.5	5.9	397.5	999.9	99.9	999.9	125.5	85.
54.8	134.0	15608.2	108.0	-62.1	99.9	259.2	34.7*	34.1	6.5	398.9	999.9	99.9	999.9	126.8	85.
55.5	135.0	15782.2	105.0	-62.5	99.9	257.8	31.5*	30.8	6.6	401.4	999.9	99.9	999.9	128.1	85.
56.3	136.0	15961.0	102.0	-62.8	99.9	256.0	32.5*	31.5	7.8	404.0	999.9	99.9	999.9	129.5	85.
57.1	137.0	16206.6	98.0	-64.2	99.9	256.3	30.6*	29.8	7.3	404.1	999.9	99.9	999.9	131.3	85.
58.1	138.0	16397.2	95.0	-63.6	99.9	258.8	26.8*	26.3	5.2	410.9	999.9	99.9	999.9	132.8	85.
59.0	139.0	16593.9	92.0	-64.2	99.9	259.3	28.8*	28.3	5.4	413.5	999.9	99.9	999.9	134.3	85.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
1115 GMT

139 79. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.1	140.0	16867.1	88.0	-62.5	99.9	262.8	30.1*	29.9	3.8	422.2	999.9	99.9	999.9	136.2	85.
61.0	141.0	17081.2	85.0	-62.5	99.9	999.9	99.9	99.9	99.9	426.4	999.9	99.9	999.9	999.9	999.
61.9	142.0	17302.9	82.0	-62.5	99.9	999.9	99.9	99.9	99.9	430.8	999.9	99.9	999.9	999.9	999.
62.7	143.0	17532.7	79.0	-63.0	99.9	999.9	99.9	99.9	99.9	434.3	999.9	99.9	999.9	999.9	999.

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
1431 GMT

147 45. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	79.0	1013.9	0.0	-4.2	320.0	7.2	4.6	-5.5	272.4	279.5	2.8	73.0	0.0	0.
0.1	5.0	109.9	1010.0	-0.1	-3.5	999.9	99.9	99.9	99.9	272.6	279.9	2.8	75.8	999.9	999.
0.4	6.0	213.4	997.0	-1.6	-5.1	999.9	99.9	99.9	99.9	272.2	278.9	2.6	77.1	999.9	999.
0.8	7.0	301.6	986.0	-2.7	-5.4	999.9	99.9	99.9	99.9	271.9	278.6	2.6	81.3	999.9	999.
1.1	8.0	390.5	975.0	-3.3	-5.4	999.9	99.9	99.9	99.9	272.1	278.9	2.6	85.2	999.9	999.
1.5	9.0	480.2	964.0	-4.2	-5.2	999.9	99.9	99.9	99.9	272.1	279.0	2.7	92.8	999.9	999.
1.8	10.0	562.3	954.0	-5.0	-5.3	999.9	99.9	99.9	99.9	272.1	279.1	2.7	97.8	999.9	999.
2.2	11.0	678.5	940.0	-5.9	-6.0	324.8	9.9	5.7	-8.1	272.4	279.0	2.6	99.0	1.4	143.
2.4	12.0	762.2	930.0	-6.6	-6.8	326.2	9.2	5.1	-7.6	272.4	278.8	2.5	98.9	1.6	143.
2.7	13.0	846.6	920.0	-7.1	-7.3	329.5	9.7	4.9	-8.3	272.8	279.0	2.4	98.8	1.7	144.
3.1	14.0	940.5	909.0	-7.4	-7.6	332.0	11.7	5.5	-10.3	273.4	279.6	2.4	98.8	1.9	145.
3.4	15.0	1027.1	899.0	-4.8	-8.9	330.5	14.1	7.0	-12.3	276.9	282.6	2.2	72.8	2.2	146.
3.8	16.0	1141.9	886.0	-3.9	-11.3	328.2	15.0	7.9	-12.8	278.9	283.9	1.8	56.5	2.5	146.
4.1	17.0	1231.5	876.0	-3.9	-11.6	326.5	14.9	8.2	-12.4	279.9	284.8	1.8	55.0	2.8	146.
4.5	18.0	1331.3	865.0	-4.1	-11.4	324.5	14.4	8.3	-11.7	280.7	285.7	1.8	56.4	3.2	146.
4.8	19.0	1423.0	855.0	-4.2	-11.0	321.9	14.3	8.9	-11.3	291.5	286.8	1.9	59.2	3.4	146.
5.1	20.0	1506.4	846.0	-4.7	-11.2	319.4	14.2	9.2	-10.8	281.9	287.1	1.9	60.3	3.7	146.
5.6	21.0	1628.2	833.0	-5.1	-11.5	315.6	13.8	9.6	-9.9	282.6	287.9	1.9	60.9	4.1	145.
6.0	22.0	1713.6	824.0	-4.7	-12.2	311.7	14.2	10.6	-9.5	284.0	289.0	1.8	55.6	4.4	144.
6.3	23.0	1819.4	813.0	-4.7	-12.1	302.3	14.9	12.6	-7.9	285.1	290.2	1.9	55.9	4.7	143.
6.7	24.0	1917.1	803.0	-3.3	-17.7	291.7	16.6	15.4	-6.1	287.5	290.9	1.2	31.7	5.0	141.
7.0	25.0	2006.3	794.0	-2.8	-20.1	285.6	18.4	17.7	-4.9	288.9	291.7	1.0	24.9	5.3	139.
7.3	26.0	2137.1	781.0	-3.0	-23.5	281.7	18.8	18.4	-3.8	290.0	292.2	0.7	18.7	5.6	137.
7.7	27.0	2228.8	772.0	-3.1	-25.5	277.4	19.7	19.6	-2.5	290.8	292.7	0.6	15.8	5.9	134.
8.1	28.0	2331.9	762.0	-3.3	-26.7	274.6	21.2	21.1	-1.7	291.7	293.5	0.6	14.3	6.3	132.
8.4	29.0	2425.8	753.0	-3.6	-27.3	274.0	22.7	22.6	-1.6	292.4	294.0	0.5	13.8	6.6	130.
8.9	30.0	2531.4	743.0	-3.6	-24.9	274.5	25.8	25.7	-2.0	293.5	295.6	0.7	17.3	7.2	126.
9.3	31.0	2627.6	734.0	-3.8	-23.3	275.3	28.1	28.0	-2.6	294.4	296.8	0.8	20.2	7.8	124.
9.7	32.0	2735.8	724.0	-4.5	-19.4	276.0	30.2	30.1	-3.1	294.7	298.1	1.1	30.0	8.4	121.
10.1	33.0	2834.2	715.0	-5.0	-17.2	276.3	32.0	31.8	-3.5	295.3	299.4	1.4	37.6	9.0	119.
10.5	34.0	2933.7	706.0	-5.7	-16.1	276.3	33.5	33.3	-3.7	295.6	300.1	1.5	43.8	9.8	118.
11.0	35.0	3034.1	697.0	-6.3	-13.6	275.3	34.9	34.8	-3.2	296.0	301.6	1.9	56.1	10.8	116.
11.4	36.0	3169.8	685.0	-7.2	-13.6	273.8	35.5	35.4	-2.4	296.5	302.2	1.9	60.2	11.6	114.
11.9	37.0	3261.3	677.0	-8.0	-12.9	271.5	36.0	36.0	-0.9	296.7	302.8	2.1	67.7	12.6	112.
12.2	38.0	3376.8	667.0	-8.7	-12.6	270.3	36.4	36.4	-0.2	297.2	303.4	2.1	72.2	13.2	111.
12.6	39.0	3470.3	659.0	-9.4	-11.6	269.2	37.0	37.0	0.5	297.4	304.3	2.4	84.0	14.0	110.
12.9	40.0	3576.5	650.0	-10.5	-12.1	268.9	37.6	37.6	0.7	297.4	304.1	2.3	87.8	14.6	109.
13.2	41.0	3707.8	639.0	-11.3	-12.1	268.7	38.0	38.0	0.9	297.9	304.7	2.4	93.8	15.3	108.
13.6	42.0	3804.4	631.0	-12.0	-13.0	268.1	38.1	38.1	1.3	298.1	304.6	2.2	92.5	16.2	107.
13.9	43.0	3914.2	622.0	-13.2	-13.9	267.1	37.7	37.7	1.9	298.0	304.2	2.1	94.4	16.8	106.
14.2	44.0	4025.2	613.0	-13.6	-14.2	265.9	37.2	37.1	2.7	298.8	304.9	2.1	95.3	17.5	106.
14.6	45.0	4125.1	605.0	-13.9	-17.9	264.3	36.7	36.6	3.7	299.5	304.2	1.5	71.4	18.3	104.
15.0	46.0	4239.0	596.0	-14.1	-20.4	263.3	37.4	37.1	4.3	300.4	304.3	1.3	58.9	19.1	104.
15.4	47.0	4341.4	588.0	-15.3	-28.2	263.1	39.4	39.1	4.7	300.2	302.2	0.6	31.8	19.8	103.
15.8	48.0	4444.7	580.0	-15.9	-34.2	262.4	40.9	40.6	5.4	300.6	301.8	0.4	19.0	20.9	102.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
1431 GMT

147 45. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.2	49.0	4562.9	571.0	-14.7	-39.0	261.4	41.9	41.5	6.3	303.4	304.1	0.2	10.5	21.9	101.
16.6	50.0	4669.8	563.0	-14.0	-34.3	260.2	42.6	42.0	7.2	305.4	306.7	0.4	16.0	22.7	100.
17.1	51.0	4806.1	553.0	-13.4	-30.6	259.6	43.0	42.3	7.8	307.7	309.4	0.5	21.9	24.0	99.
17.4	52.0	4916.8	545.0	-14.0	-30.1	259.7	42.7	42.0	7.7	308.3	310.2	0.6	24.0	24.9	98.
17.8	53.0	5028.9	537.0	-15.0	-30.4	260.6	42.5	41.9	7.0	308.4	310.3	0.6	25.2	25.6	98.
18.2	54.0	5142.2	529.0	-15.9	-29.9	262.1	42.9*	42.5	5.9	308.6	310.6	0.6	28.9	26.6	97.
18.7	55.0	5256.9	521.0	-16.8	-26.4	264.2	44.1*	43.9	4.5	309.0	311.7	0.8	42.9	28.0	96.
19.2	56.0	5387.5	512.0	-17.9	-26.0	264.8	44.7*	44.5	4.0	309.2	312.1	0.9	48.8	29.2	96.
19.6	57.0	5505.3	504.0	-18.1	-25.3	264.1	44.3*	44.1	4.6	310.3	313.4	1.0	53.0	30.4	95.
20.1	58.0	5624.8	496.0	-18.5	-26.5	262.4	44.3*	43.9	5.8	311.2	314.1	0.9	49.3	31.7	95.
20.6	59.0	5730.7	489.0	-19.2	-27.0	262.0	47.6*	47.2	6.6	311.6	314.4	0.8	49.8	32.7	94.
21.0	60.0	5853.3	481.0	-20.0	-27.0	262.1	51.3*	50.8	7.0	312.1	314.9	0.8	52.0	33.9	94.
21.4	61.0	5977.5	473.0	-20.7	-27.5	261.3	51.1*	50.5	7.7	312.8	315.5	0.8	54.2	35.5	94.
21.8	62.0	6087.8	466.0	-20.8	-29.2	260.7	49.8*	49.1	8.0	313.9	316.3	0.7	46.8	36.6	93.
22.3	63.0	6199.4	459.0	-21.9	-32.1	261.2	49.0*	48.5	7.5	313.9	315.8	0.6	38.7	37.8	93.
22.7	64.0	6312.4	452.0	-22.8	-33.3	262.1	48.9*	48.4	6.7	314.1	315.9	0.5	37.4	39.1	92.
23.2	65.0	6443.2	444.0	-23.5	-37.8	262.6	48.0*	47.6	6.2	314.9	316.0	0.3	25.4	40.7	92.
23.7	66.0	6576.0	436.0	-24.2	-45.5	262.3	49.0*	48.5	6.6	315.7	316.2	0.1	11.8	41.8	92.
24.0	67.0	6710.9	428.0	-24.7	-49.1	262.2	51.5*	51.0	7.0	316.7	317.0	0.1	8.2	42.8	92.
24.6	68.0	6830.7	421.0	-25.6	-48.7	262.4	58.1*	57.6	7.6	317.0	317.4	0.1	9.4	44.5	91.
24.9	69.0	6952.0	414.0	-26.5	-48.8	262.1	57.8*	57.3	7.9	317.3	317.7	0.1	10.1	46.1	91.
25.3	70.0	7057.3	408.0	-27.3	-47.4	259.2	47.5*	46.6	8.9	317.6	318.1	0.1	12.7	47.5	91.
25.9	71.0	7217.5	399.0	-28.6	-47.7	256.6	42.4	41.3	9.8	318.0	318.4	0.1	13.9	48.8	90.
26.3	72.0	7344.1	392.0	-29.7	-47.4	999.9	99.9	99.9	99.9	318.2	318.7	0.1	15.9	999.9	999.
26.7	73.0	7453.9	386.0	-30.6	-48.6	999.9	99.9	99.9	99.9	318.4	318.8	0.1	15.1	999.9	999.
27.2	74.0	7583.5	379.0	-31.9	-48.0	999.9	99.9	99.9	99.9	318.3	318.8	0.1	16.7	999.9	999.
27.7	75.0	7715.0	372.0	-33.1	-49.1	999.9	99.9	99.9	99.9	318.5	318.9	0.1	18.1	999.9	999.
28.2	76.0	7829.0	366.0	-34.3	-49.5	999.9	99.9	99.9	99.9	318.4	318.8	0.1	19.6	999.9	999.
28.6	77.0	7944.4	360.0	-35.5	-49.4	999.9	99.9	99.9	99.9	318.3	318.7	0.1	22.1	999.9	999.
29.0	78.0	8080.8	353.0	-36.7	-49.6	999.9	99.9	99.9	99.9	318.5	318.9	0.1	24.5	999.9	999.
29.4	79.0	8199.3	347.0	-37.7	-49.4	999.9	99.9	99.9	99.9	318.6	319.0	0.1	27.9	999.9	999.
29.8	80.0	8319.3	341.0	-38.9	-49.6	999.9	99.9	99.9	99.9	318.5	319.0	0.1	30.8	999.9	999.
30.2	81.0	8481.7	333.0	-40.3	99.9	999.9	99.9	99.9	99.9	319.0	999.9	99.9	999.9	999.9	999.
30.8	82.0	8605.3	327.0	-41.6	99.9	999.9	99.9	99.9	99.9	318.8	999.9	99.9	999.9	999.9	999.
31.3	83.0	8730.6	321.0	-42.9	99.9	999.9	99.9	99.9	99.9	318.7	999.9	99.9	999.9	999.9	999.
31.7	84.0	8857.6	315.0	-43.8	99.9	999.9	99.9	99.9	99.9	319.1	999.9	99.9	999.9	999.9	999.
32.1	85.0	8986.4	309.0	-45.1	99.9	999.9	99.9	99.9	99.9	319.1	999.9	99.9	999.9	999.9	999.
32.7	86.0	9139.2	302.0	-46.1	99.9	999.9	99.9	99.9	99.9	319.8	999.9	99.9	999.9	999.9	999.
33.2	87.0	9272.4	296.0	-46.9	99.9	999.9	99.9	99.9	99.9	320.5	999.9	99.9	999.9	999.9	999.
33.7	88.0	9385.0	291.0	-48.1	99.9	999.9	99.9	99.9	99.9	320.4	999.9	99.9	999.9	999.9	999.
34.1	89.0	9522.1	285.0	-49.0	99.9	999.9	99.9	99.9	99.9	321.0	999.9	99.9	999.9	999.9	999.
34.6	90.0	9661.5	279.0	-49.8	99.9	999.9	99.9	99.9	99.9	321.7	999.9	99.9	999.9	999.9	999.
35.0	91.0	9779.6	274.0	-50.6	99.9	999.9	99.9	99.9	99.9	322.3	999.9	99.9	999.9	999.9	999.
35.5	92.0	9923.7	268.0	-51.5	99.9	999.9	99.9	99.9	99.9	323.1	999.9	99.9	999.9	999.9	999.
35.9	93.0	10045.8	263.0	-52.1	99.9	999.9	99.9	99.9	99.9	323.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
1431 GMT

147 45. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
36.3	94.0	10169.8	258.0	-53.0	99.9	999.9	99.9	99.9	99.9	324.3	999.9	99.9	999.9	999.9	999.9
36.8	95.0	10295.7	253.0	-53.9	99.9	999.9	99.9	99.9	99.9	324.8	999.9	99.9	999.9	999.9	999.9
37.4	96.0	10449.6	247.0	-54.6	99.9	999.9	99.9	99.9	99.9	326.1	999.9	99.9	999.9	999.9	999.9
37.9	97.0	10606.8	241.0	-55.4	99.9	999.9	99.9	99.9	99.9	327.2	999.9	99.9	999.9	999.9	999.9
38.4	98.0	10767.3	235.0	-56.2	99.9	999.9	99.9	99.9	99.9	328.3	999.9	99.9	999.9	999.9	999.9
38.8	99.0	10876.2	231.0	-57.1	99.9	999.9	99.9	99.9	99.9	328.5	999.9	99.9	999.9	999.9	999.9
39.3	100.0	11014.3	226.0	-58.1	99.9	999.9	99.9	99.9	99.9	329.0	999.9	99.9	999.9	999.9	999.9
39.9	101.0	11183.3	220.0	-59.3	99.9	999.9	99.9	99.9	99.9	329.7	999.9	99.9	999.9	999.9	999.9
40.4	102.0	11327.2	215.0	-59.7	99.9	999.9	99.9	99.9	99.9	331.4	999.9	99.9	999.9	999.9	999.9
40.9	103.0	11474.3	210.0	-59.7	99.9	999.9	99.9	99.9	99.9	333.6	999.9	99.9	999.9	999.9	999.9
41.5	104.0	11625.0	205.0	-59.7	99.9	999.9	99.9	99.9	99.9	335.9	999.9	99.9	999.9	999.9	999.9
42.0	105.0	11748.2	201.0	-59.7	99.9	999.9	99.9	99.9	99.9	337.8	999.9	99.9	999.9	999.9	999.9
42.7	106.0	11906.1	196.0	-58.8	99.9	999.9	99.9	99.9	99.9	341.6	999.9	99.9	999.9	999.9	999.9
43.2	107.0	12036.3	192.0	-56.3	99.9	999.9	99.9	99.9	99.9	347.6	999.9	99.9	999.9	999.9	999.9
43.7	108.0	12169.9	188.0	-56.7	99.9	999.9	99.9	99.9	99.9	349.2	999.9	99.9	999.9	999.9	999.9
44.2	109.0	12340.8	183.0	-56.7	99.9	999.9	99.9	99.9	99.9	351.9	999.9	99.9	999.9	999.9	999.9
44.7	110.0	12480.9	179.0	-57.0	99.9	999.9	99.9	99.9	99.9	353.6	999.9	99.9	999.9	999.9	999.9
45.3	111.0	12660.2	174.0	-57.1	99.9	999.9	99.9	99.9	99.9	356.2	999.9	99.9	999.9	999.9	999.9
46.0	112.0	12807.6	170.0	-56.5	99.9	999.9	99.9	99.9	99.9	359.7	999.9	99.9	999.9	999.9	999.9
46.6	113.0	12958.9	166.0	-55.8	99.9	999.9	99.9	99.9	99.9	363.2	999.9	99.9	999.9	999.9	999.9
47.2	114.0	13114.5	162.0	-54.7	99.9	999.9	99.9	99.9	99.9	367.6	999.9	99.9	999.9	999.9	999.9
47.8	115.0	13274.3	158.0	-55.2	99.9	999.9	99.9	99.9	99.9	369.5	999.9	99.9	999.9	999.9	999.9
48.5	116.0	13479.1	153.0	-56.3	99.9	999.9	99.9	99.9	99.9	370.9	999.9	99.9	999.9	999.9	999.9
49.1	117.0	13647.3	149.0	-56.5	99.9	999.9	99.9	99.9	99.9	373.5	999.9	99.9	999.9	999.9	999.9
49.7	118.0	13819.7	145.0	-57.3	99.9	999.9	99.9	99.9	99.9	375.0	999.9	99.9	999.9	999.9	999.9
50.2	119.0	13951.5	142.0	-58.3	99.9	999.9	99.9	99.9	99.9	375.5	999.9	99.9	999.9	999.9	999.9
50.8	120.0	14130.8	138.0	-59.7	99.9	999.9	99.9	99.9	99.9	376.2	999.9	99.9	999.9	999.9	999.9
51.4	121.0	14314.6	134.0	-59.8	99.9	999.9	99.9	99.9	99.9	379.0	999.9	99.9	999.9	999.9	999.9
52.1	122.0	14455.9	131.0	-60.5	99.9	999.9	99.9	99.9	99.9	380.2	999.9	99.9	999.9	999.9	999.9
52.7	123.0	14648.9	127.0	-60.7	99.9	999.9	99.9	99.9	99.9	383.3	999.9	99.9	999.9	999.9	999.9
53.3	124.0	14797.3	124.0	-61.6	99.9	999.9	99.9	99.9	99.9	384.3	999.9	99.9	999.9	999.9	999.9
53.9	125.0	14949.2	121.0	-61.4	99.9	999.9	99.9	99.9	99.9	387.4	999.9	99.9	999.9	999.9	999.9
54.7	126.0	15157.7	117.0	-61.2	99.9	999.9	99.9	99.9	99.9	391.4	999.9	99.9	999.9	999.9	999.9
55.3	127.0	15318.9	114.0	-61.2	99.9	999.9	99.9	99.9	99.9	394.3	999.9	99.9	999.9	999.9	999.9
56.0	12.0	15484.3	111.0	-61.6	99.9	999.9	99.9	99.9	99.9	396.7	999.9	99.9	999.9	999.9	999.9
56.6	129.0	15711.5	107.0	-62.1	99.9	999.9	99.9	99.9	99.9	399.9	999.9	99.9	999.9	999.9	999.9
57.2	130.0	15887.1	104.0	-62.5	99.9	999.9	99.9	99.9	99.9	402.4	999.9	99.9	999.9	999.9	999.9
58.1	131.0	16129.1	100.0	-62.5	99.9	999.9	99.9	99.9	99.9	407.0	999.9	99.9	999.9	999.9	999.9
58.8	132.0	16253.9	98.0	-62.0	99.9	999.9	99.9	99.9	99.9	410.4	999.9	99.9	999.9	999.9	999.9
59.4	133.0	16445.6	95.0	-63.2	99.9	999.9	99.9	99.9	99.9	411.5	999.9	99.9	999.9	999.9	999.9
60.1	134.0	16642.6	92.0	-63.8	99.9	999.9	99.9	99.9	99.9	414.2	999.9	99.9	999.9	999.9	999.9
60.8	135.0	16845.8	89.0	-64.0	99.9	999.9	99.9	99.9	99.9	417.8	999.9	99.9	999.9	999.9	999.9
61.7	136.0	17129.7	85.0	-60.9	99.9	999.9	99.9	99.9	99.9	429.6	999.9	99.9	999.9	999.9	999.9
62.6	137.0	17353.4	82.0	-60.2	99.9	999.9	99.9	99.9	99.9	435.5	999.9	99.9	999.9	999.9	999.9
63.3	138.0	17585.1	79.0	-61.8	99.9	999.9	99.9	99.9	99.9	436.8	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
1431 GMT

147 45. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.1	139.0	17824.9	76.0	-61.4	99.9	999.9	99.9	99.9	99.9	442.5	999.9	99.9	999.9	999.9	999.
64.9	140.0	18073.8	73.0	-63.1	99.9	999.9	99.9	99.9	99.9	444.1	999.9	99.9	999.9	999.9	999.
65.8	141.0	18331.4	70.0	-64.0	99.9	999.9	99.9	99.9	99.9	447.5	999.9	99.9	999.9	999.9	999.
66.7	142.0	18601.8	67.0	-60.9	99.9	999.9	99.9	99.9	99.9	459.9	999.9	99.9	999.9	999.9	999.
67.7	143.0	18887.9	64.0	-59.0	99.9	999.9	99.9	99.9	99.9	470.1	999.9	99.9	999.9	999.9	999.
68.7	144.0	19188.1	61.0	-60.4	99.9	999.9	99.9	99.9	99.9	473.5	999.9	99.9	999.9	999.9	999.
69.6	145.0	19501.9	58.0	-61.1	99.9	999.9	99.9	99.9	99.9	478.8	999.9	99.9	999.9	999.9	999.
70.6	146.0	19831.9	55.0	-60.9	99.9	999.9	99.9	99.9	99.9	486.6	999.9	99.9	999.9	999.9	999.
71.6	147.0	20062.3	53.0	-60.7	99.9	999.9	99.9	99.9	99.9	492.1	999.9	99.9	999.9	999.9	999.
72.6	148.0	20424.4	50.0	-61.2	99.9	999.9	99.9	99.9	99.9	499.2	999.9	99.9	999.9	999.9	999.
73.7	149.0	20809.5	47.0	-60.2	99.9	999.9	99.9	99.9	99.9	510.6	999.9	99.9	999.9	999.9	999.
74.9	150.0	21079.7	45.0	-61.8	99.9	999.9	99.9	99.9	99.9	513.1	999.9	99.9	999.9	999.9	999.

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
1715 GMT

149 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	79.0	1015.6	-0.6	-5.8	320.0	7.2	4.6	-5.5	271.7	278.0	2.4	68.0	0.0	0.
0.3	5.0	138.8	1008.0	-2.4	-7.0	306.9	11.8	9.4	-7.1	270.4	276.2	2.2	70.9	0.3	128.
0.7	6.0	249.8	994.0	-3.1	-7.1	308.4	10.9	8.6	-6.8	270.8	276.7	2.3	73.7	0.4	128.
1.1	7.0	353.8	981.0	-4.2	-7.0	313.2	9.7	7.1	-6.7	270.8	276.7	2.3	80.4	0.7	128.
1.6	8.0	442.7	970.0	-5.1	-6.7	321.8	10.5	6.5	-8.2	270.7	276.9	2.4	88.6	0.9	131.
1.9	9.0	540.4	958.0	-5.7	-6.6	323.8	11.2	6.6	-9.1	271.1	277.3	2.4	93.1	1.1	134.
2.2	10.0	639.1	946.0	-6.7	-7.4	325.9	10.3	5.8	-3.5	271.0	277.0	2.3	95.4	1.3	135.
2.6	11.0	755.4	932.0	-7.6	-7.9	330.2	8.5	4.2	-7.3	271.2	277.0	2.3	97.8	1.6	137.
3.0	12.0	847.8	921.0	-8.4	-8.7	335.2	8.6	3.6	-7.8	271.3	276.9	2.2	97.9	1.7	138.
3.3	13.0	949.7	909.0	-7.8	-8.2	330.2	10.8	5.4	-9.3	273.0	278.9	2.3	96.9	1.9	140.
3.7	14.0	1044.8	898.0	-5.8	-13.5	323.5	13.1	7.8	-10.5	275.8	279.9	1.5	54.8	2.2	141.
3.9	15.0	1132.6	888.0	-5.7	-14.4	319.7	13.9	9.0	-10.6	276.9	280.7	1.4	50.1	2.4	141.
4.3	16.0	1266.3	873.0	-5.2	-14.5	316.5	14.2	9.8	-10.3	278.7	282.6	1.4	48.1	2.7	141.
4.7	17.0	1365.9	862.0	-5.1	-14.5	315.3	14.0	9.8	-9.9	279.9	283.9	1.4	47.6	3.0	140.
5.1	18.0	1466.8	851.0	-5.4	-14.6	314.6	13.8	9.8	-7.7	280.6	284.6	1.4	48.1	3.4	140.
5.5	19.0	1568.8	840.0	-5.8	-14.9	313.4	14.0	10.2	-9.6	281.1	285.1	1.4	48.5	3.7	139.
5.8	20.0	1672.1	829.0	-5.8	-15.7	310.4	13.5	10.3	-8.8	282.2	286.0	1.4	45.4	4.0	139.
6.3	21.0	1796.0	816.0	-5.5	-16.3	303.7	13.0	10.8	-7.2	283.8	287.5	1.3	42.4	4.3	138.
6.7	22.0	1902.4	805.0	-6.3	-16.1	301.8	12.9	10.9	-6.8	284.1	287.9	1.3	45.4	4.6	137.
7.1	23.0	2000.3	795.0	-5.5	-20.7	303.5	13.4	11.2	-7.4	285.9	288.5	0.9	28.9	4.9	136.
7.5	24.0	2119.8	783.0	-4.6	-26.9	303.3	15.2	12.7	-8.4	288.0	289.7	0.5	15.5	5.2	135.
7.9	25.0	2220.9	773.0	-4.5	-27.2	303.3	16.8	14.0	-9.2	289.3	290.9	0.5	14.9	5.6	134.
8.3	26.0	2354.3	760.0	-4.9	-27.5	302.4	16.9	14.2	-9.1	290.2	291.8	0.5	15.0	6.1	133.
8.7	27.0	2458.3	750.0	-5.4	-27.2	299.9	15.7	13.6	-7.8	290.8	292.5	0.5	16.0	6.6	133.
9.1	28.0	2563.6	740.0	-5.5	-28.0	295.3	14.0	12.7	-6.0	291.7	293.3	0.5	15.1	6.9	132.
9.5	29.0	2681.0	729.0	-5.8	-28.5	290.1	13.5	12.7	-4.7	292.6	294.2	0.5	14.6	7.0	131.
9.9	30.0	2789.1	719.0	-6.0	-29.0	288.8	14.9	14.1	-4.8	293.6	295.1	0.5	14.1	7.4	130.
10.2	31.0	2898.5	709.0	-7.0	-29.8	288.4	15.9	15.1	-5.0	293.6	295.1	0.5	14.2	7.7	129.
10.6	32.0	3009.1	699.0	-7.9	-30.4	288.1	16.9	16.1	-5.2	293.8	295.2	0.4	14.3	8.0	128.
11.0	33.0	3120.8	689.0	-9.0	-31.6	287.0	17.0	16.3	-5.0	293.9	295.2	0.4	13.9	8.5	127.
11.4	34.0	3222.5	680.0	-9.7	-33.7	285.9	17.1	16.4	-4.7	294.2	295.2	0.3	12.0	8.8	126.
11.9	35.0	3336.7	670.0	-10.3	-35.5	285.5	18.4	17.8	-4.9	294.8	295.7	0.3	10.5	9.2	125.
12.3	36.0	3475.7	658.0	-10.9	-37.5	285.0	20.2	19.5	-5.2	295.7	296.4	0.2	8.9	9.7	124.
12.7	37.0	3581.4	649.0	-11.6	-41.4	284.0	22.0	21.4	-5.3	296.0	296.5	0.2	6.3	10.2	123.
13.1	38.0	3688.3	640.0	-12.1	-43.5	282.8	23.9	23.3	-5.3	296.5	297.0	0.1	5.2	10.7	122.
13.6	39.0	3808.5	630.0	-12.9	-43.9	281.8	27.0	26.5	-5.5	297.1	297.5	0.1	5.4	11.4	121.
14.0	40.0	3918.2	621.0	-13.1	-44.0	281.5	30.1	29.5	-6.0	298.0	298.4	0.1	5.4	12.0	120.
14.5	41.0	4054.0	610.0	-14.3	-45.5	280.0	33.5	33.0	-5.8	298.2	298.6	0.1	5.0	12.9	119.
14.9	42.0	4179.3	600.0	-14.4	-46.7	276.7	35.3	35.0	-4.1	299.4	299.8	0.1	4.4	13.8	118.
15.3	43.0	4293.9	591.0	-14.5	-45.7	272.5	36.9	36.9	-1.6	300.6	300.9	0.1	5.0	14.6	116.
15.8	44.0	4410.0	582.0	-15.1	-45.9	267.0	39.4	39.4	2.1	301.2	301.6	0.1	5.1	15.6	115.
16.2	45.0	4514.6	574.0	-15.2	-45.1	263.2	41.5	41.2	4.9	302.3	302.7	0.1	5.7	16.5	113.
16.6	46.0	4634.0	565.0	-15.4	-43.5	260.5	43.2	42.6	7.1	303.5	304.0	0.1	6.8	17.4	111.
17.0	47.0	4755.4	556.0	-14.5	-34.7	259.1	44.2	43.4	8.4	305.9	307.1	0.4	16.1	18.3	109.
17.5	48.0	4865.2	548.0	-14.7	-32.2	259.9	44.7	44.0	7.8	307.0	308.5	0.5	20.7	19.3	107.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
1715 GMT

149 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.9	49.0	4990.5	539.0	-15.0	-31.5	261.6	44.7	44.2	6.5	308.1	309.8	0.5	22.8	20.4	106.
18.4	50.0	5117.7	530.0	-15.8	-31.3	264.0	45.8	45.5	4.8	308.6	310.4	0.5	24.9	21.7	104.
18.8	51.0	5246.7	521.0	-16.6	-31.2	266.1	48.2	48.1	3.3	309.2	310.9	0.5	26.8	22.5	103.
19.3	52.0	5377.5	512.0	-17.4	-30.3	268.0	50.7	50.7	1.8	309.7	311.7	0.6	31.2	24.1	102.
19.7	53.0	5495.2	504.0	-18.4	-29.4	268.1	50.8	50.7	1.7	310.0	312.1	0.7	37.1	25.5	102.
20.1	54.0	5629.6	495.0	-19.2	-29.5	267.0	49.3	49.2	2.6	310.6	312.7	0.7	39.3	26.6	101.
20.6	55.0	5735.4	488.0	-19.7	-31.3	265.2	47.7	47.5	4.0	311.2	313.0	0.6	34.7	27.9	100.
21.1	56.0	5889.0	478.0	-20.1	-33.6	264.9	48.1	47.9	4.3	312.5	314.1	0.5	28.7	29.3	100.
21.6	57.0	6029.8	469.0	-20.8	-36.5	265.6	50.2	50.0	3.9	313.3	314.6	0.4	22.9	30.6	99.
21.9	58.0	6140.8	462.0	-21.5	-37.9	266.0	51.4	51.3	3.6	313.9	314.9	0.3	20.8	31.5	99.
22.3	59.0	6269.5	454.0	-21.9	-38.3	266.1	52.2*	52.0	3.5	314.9	316.0	0.3	20.9	33.0	98.
22.8	60.0	6400.3	446.0	-22.3	-38.4	266.0	52.6*	52.5	3.6	316.0	317.1	0.3	21.3	34.2	98.
23.2	61.0	6516.4	439.0	-22.9	-38.7	265.9	53.2*	53.0	3.8	316.6	317.7	0.3	21.8	35.5	97.
23.7	62.0	6633.9	432.0	-24.0	-42.2	266.0	54.7*	54.6	3.8	316.7	317.5	0.2	16.7	37.3	97.
24.1	63.0	6770.1	424.0	-25.0	-45.7	266.3	56.8*	56.6	3.7	317.1	317.6	0.1	12.4	38.2	96.
24.6	64.0	6890.9	417.0	-25.7	-52.4	266.4	58.7*	58.6	3.7	317.7	318.0	0.1	6.1	40.2	96.
25.0	65.0	7031.0	409.0	-26.7	-52.9	265.9	57.4*	57.2	4.1	318.1	318.4	0.1	6.3	42.0	96.
25.6	66.0	7173.3	401.0	-27.9	-53.6	265.1	53.4*	53.2	4.6	318.4	318.6	0.1	6.5	43.5	95.
25.9	67.0	7317.6	393.0	-29.2	-53.1	265.4	53.1*	52.9	4.3	318.5	318.8	0.1	7.8	44.5	95.
26.3	68.0	7445.7	386.0	-30.5	-52.9	265.9	53.6*	53.5	3.8	318.5	318.7	0.1	9.0	45.7	95.
26.7	69.0	7575.4	379.0	-31.7	-52.4	265.9	53.1*	53.0	3.8	318.6	318.9	0.1	10.8	47.1	94.
27.2	70.0	7688.0	373.0	-32.9	-51.5	264.9	50.9*	50.7	4.5	318.5	318.8	0.1	13.5	48.7	94.
27.7	71.0	7859.3	364.0	-34.5	-52.4	264.5	51.5*	51.3	5.0	318.6	318.9	0.1	14.2	50.1	94.
28.1	72.0	7994.8	357.0	-35.6	-52.7	265.6	56.6*	56.4	4.3	318.8	319.1	0.1	15.3	51.0	94.
28.6	73.0	8132.2	350.0	-37.0	-52.8	267.6	64.1*	64.0	2.7	318.8	319.1	0.1	17.3	52.8	93.
29.0	74.0	8231.5	345.0	-38.0	-54.6	268.3	64.1*	64.1	1.9	318.7	318.9	0.1	15.6	55.5	93.
29.5	75.0	8372.4	338.0	-39.0	99.9	267.0	47.1*	47.1	2.5	319.4	999.9	99.9	999.9	56.4	93.
29.9	76.0	8515.5	331.0	-40.3	99.9	265.5	49.5	49.4	3.9	319.5	999.9	99.9	999.9	57.9	93.
30.3	77.0	8661.0	324.0	-41.2	99.9	999.9	99.9	99.9	99.9	320.1	999.9	99.9	999.9	999.9	999.
30.7	78.0	8766.4	319.0	-42.5	99.9	999.9	99.9	99.9	99.9	319.9	999.9	99.9	999.9	999.9	999.
31.2	79.0	8915.9	312.0	-43.7	99.9	999.9	99.9	99.9	99.9	320.2	999.9	99.9	999.9	999.9	999.
31.6	80.0	9046.1	306.0	-44.8	99.9	999.9	99.9	99.9	99.9	320.4	999.9	99.9	999.9	999.9	999.
32.2	81.0	9222.9	298.0	-45.9	99.9	999.9	99.9	99.9	99.9	321.3	999.9	99.9	999.9	999.9	999.
32.7	82.0	9312.7	294.0	-46.8	99.9	999.9	99.9	99.9	99.9	321.3	999.9	99.9	999.9	999.9	999.
33.0	83.0	9472.2	287.0	-47.6	99.9	999.9	99.9	99.9	99.9	322.3	999.9	99.9	999.9	999.9	999.
33.4	84.0	9611.5	281.0	-48.6	99.9	999.9	99.9	99.9	99.9	322.8	999.9	99.9	999.9	999.9	999.
33.9	85.0	9753.0	275.0	-49.9	99.9	999.9	99.9	99.9	99.9	322.9	999.9	99.9	999.9	999.9	999.
34.4	86.0	9921.1	268.0	-51.4	99.9	999.9	99.9	99.9	99.9	323.2	999.9	99.9	999.9	999.9	999.
34.8	87.0	10043.2	263.0	-52.1	99.9	999.9	99.9	99.9	99.9	323.8	999.9	99.9	999.9	999.9	999.
35.2	88.0	10192.1	257.0	-53.5	99.9	999.9	99.9	99.9	99.9	324.0	999.9	99.9	999.9	999.9	999.
35.7	89.0	10318.2	252.0	-54.6	99.9	999.9	99.9	99.9	99.9	324.2	999.9	99.9	999.9	999.9	999.
36.2	90.0	10446.2	247.0	-55.5	99.9	999.9	99.9	99.9	99.9	324.6	999.9	99.9	999.9	999.9	999.
36.6	91.0	10602.8	241.0	-56.0	99.9	999.9	99.9	99.9	99.9	326.2	999.9	99.9	999.9	999.9	999.
37.1	92.0	10735.8	236.0	-57.0	99.9	999.9	99.9	99.9	99.9	326.7	999.9	99.9	999.9	999.9	999.
37.6	93.0	10871.1	231.0	-58.0	99.9	999.9	99.9	99.9	99.9	327.2	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
1715 GMT

149 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
38.0	94.0	11037.0	225.0	-57.8	99.9	999.9	99.9	99.9	99.9	329.9	999.9	99.9	999.9	999.9	999.
38.5	95.0	11150.0	221.0	-58.6	99.9	999.9	99.9	99.9	99.9	330.4	999.9	99.9	999.9	999.9	999.
39.1	96.0	11351.6	214.0	-60.0	99.9	999.9	99.9	99.9	99.9	331.3	999.9	99.9	999.9	999.9	999.
39.6	97.0	11469.1	210.0	-61.0	99.9	999.9	99.9	99.9	99.9	331.5	999.9	99.9	999.9	999.9	999.
40.2	98.0	11618.5	205.0	-61.9	99.9	999.9	99.9	99.9	99.9	332.4	999.9	99.9	999.9	999.9	999.
40.7	99.0	11771.5	200.0	-61.4	99.9	999.9	99.9	99.9	99.9	335.6	999.9	99.9	999.9	999.9	999.
41.3	100.0	11929.1	195.0	-60.0	99.9	999.9	99.9	99.9	99.9	340.2	999.9	99.9	999.9	999.9	999.
42.0	101.0	12092.9	190.0	-55.7	99.9	999.9	99.9	99.9	99.9	340.7	999.9	99.9	999.9	999.9	999.
42.5	102.0	12263.0	185.0	-54.9	99.9	999.9	99.9	99.9	99.9	353.6	999.9	99.9	999.9	999.9	999.
43.0	103.0	12402.9	181.0	-54.4	99.9	999.9	99.9	99.9	99.9	356.6	999.9	99.9	999.9	999.9	999.
43.5	104.0	12582.3	176.0	-54.6	99.9	999.9	99.9	99.9	99.9	359.2	999.9	99.9	999.9	999.9	999.
44.0	105.0	12729.3	172.0	-55.1	99.9	999.9	99.9	99.9	99.9	360.8	999.9	99.9	999.9	999.9	999.
44.6	106.0	12879.6	168.0	-55.2	99.9	999.9	99.9	99.9	99.9	363.0	999.9	99.9	999.9	999.9	999.
45.1	107.0	13033.1	164.0	-56.2	99.9	999.9	99.9	99.9	99.9	363.9	999.9	99.9	999.9	999.9	999.
45.6	108.0	13189.8	160.0	-56.8	99.9	999.9	99.9	99.9	99.9	365.4	999.9	99.9	999.9	999.9	999.
46.1	109.0	13349.6	156.0	-58.3	99.9	999.9	99.9	99.9	99.9	365.5	999.9	99.9	999.9	999.9	999.
46.7	110.0	13513.2	152.0	-58.0	99.9	999.9	99.9	99.9	99.9	368.8	999.9	99.9	999.9	999.9	999.
47.4	111.0	13723.8	147.0	-58.5	99.9	999.9	99.9	99.9	99.9	371.5	999.9	99.9	999.9	999.9	999.
48.0	112.0	13897.2	143.0	-58.6	99.9	999.9	99.9	99.9	99.9	374.2	999.9	99.9	999.9	999.9	999.
48.5	113.0	14030.0	140.0	-60.0	99.9	999.9	99.9	99.9	99.9	374.1	999.9	99.9	999.9	999.9	999.
49.1	114.0	14211.0	136.0	-60.0	99.9	999.9	99.9	99.9	99.9	377.2	999.9	99.9	999.9	999.9	999.
49.7	115.0	14397.6	132.0	-59.6	99.9	999.9	99.9	99.9	99.9	381.0	999.9	99.9	999.9	999.9	999.
50.4	116.0	14590.4	128.0	-58.8	99.9	999.9	99.9	99.9	99.9	385.9	999.9	99.9	999.9	999.9	999.
51.1	117.0	14789.8	124.0	-58.6	99.9	999.9	99.9	99.9	99.9	389.7	999.9	99.9	999.9	999.9	999.
51.7	118.0	14943.4	121.0	-59.5	99.9	999.9	99.9	99.9	99.9	390.9	999.9	99.9	999.9	999.9	999.
52.2	119.0	15100.2	118.0	-60.3	99.9	999.9	99.9	99.9	99.9	392.2	999.9	99.9	999.9	999.9	999.
52.8	120.0	15314.9	114.0	-61.0	99.9	999.9	99.9	99.9	99.9	394.8	999.9	99.9	999.9	999.9	999.
53.4	121.0	15480.6	111.0	-61.0	99.9	999.9	99.9	99.9	99.9	397.8	999.9	99.9	999.9	999.9	999.
54.2	122.0	15650.7	108.0	-61.2	99.9	999.9	99.9	99.9	99.9	400.6	999.9	99.9	999.9	999.9	999.
54.8	123.0	15884.6	104.0	-61.9	99.9	999.9	99.9	99.9	99.9	403.6	999.9	99.9	999.9	999.9	999.
55.4	124.0	16065.5	101.0	-62.4	99.9	999.9	99.9	99.9	99.9	405.9	999.9	99.9	999.9	999.9	999.
56.0	125.0	16251.3	98.0	-63.2	99.9	999.9	99.9	99.9	99.9	408.0	999.9	99.9	999.9	999.9	999.
56.9	126.0	16442.2	95.0	-63.9	99.9	999.9	99.9	99.9	99.9	410.2	999.9	99.9	999.9	999.9	999.
57.5	127.0	16638.5	92.0	-64.7	99.9	999.9	99.9	99.9	99.9	412.6	999.9	99.9	999.9	999.9	999.
58.2	128.0	16909.2	88.0	-65.8	99.9	999.9	99.9	99.9	99.9	415.5	999.9	99.9	999.9	999.9	999.
58.9	129.0	17048.9	86.0	-65.8	99.9	999.9	99.9	99.9	99.9	418.3	999.9	99.9	999.9	999.9	999.
59.6	130.0	17264.8	83.0	-65.2	99.9	999.9	99.9	99.9	99.9	423.7	999.9	99.9	999.9	999.9	999.
60.5	131.0	17490.4	80.0	-62.8	99.9	999.9	99.9	99.9	99.9	433.2	999.9	99.9	999.9	999.9	999.
61.2	132.0	17725.4	77.0	-63.5	99.9	999.9	99.9	99.9	99.9	436.4	999.9	99.9	999.9	999.9	999.
61.9	133.0	17969.9	74.0	-62.8	99.9	999.9	99.9	99.9	99.9	442.9	999.9	99.9	999.9	999.9	999.
62.7	134.0	18224.6	71.0	-63.2	99.9	999.9	99.9	99.9	99.9	447.4	999.9	99.9	999.9	999.9	999.
63.3	135.0	18490.9	68.0	-62.1	99.9	999.9	99.9	99.9	99.9	455.3	999.9	99.9	999.9	999.9	999.
64.2	136.0	18769.8	65.0	-62.1	99.9	999.9	99.9	99.9	99.9	461.3	999.9	99.9	999.9	999.9	999.
65.2	137.0	19062.6	62.0	-61.2	99.9	999.9	99.9	99.9	99.9	469.5	999.9	99.9	999.9	999.9	999.
66.2	138.0	19370.9	59.0	-60.7	99.9	999.9	99.9	99.9	99.9	477.4	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
1715 GMT

149 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.3	139.0	19695.8	56.0	-60.5	99.9	999.9	99.9	99.9	99.9	484.9	999.9	99.9	999.9	999.9	999.
68.3	140.0	20037.9	53.0	-61.6	99.9	999.9	99.9	99.9	99.9	490.2	999.9	99.9	999.9	999.9	999.
69.4	141.0	20398.4	50.0	-62.3	99.9	999.9	99.9	99.9	99.9	496.8	999.9	99.9	999.9	999.9	999.
70.6	142.0	20781.5	47.0	-61.4	99.9	999.9	99.9	99.9	99.9	507.8	999.9	99.9	999.9	999.9	999.
71.7	143.0	21189.6	44.0	-62.4	99.9	999.9	99.9	99.9	99.9	514.8	999.9	99.9	999.9	999.9	999.
73.0	144.0	21625.1	41.0	-62.8	99.9	999.9	99.9	99.9	99.9	524.4	999.9	99.9	999.9	999.9	999.
74.4	145.0	22094.8	38.0	-61.4	99.9	999.9	99.9	99.9	99.9	539.6	999.9	99.9	999.9	999.9	999.
75.7	146.0	22430.0	36.0	-61.7	99.9	999.9	99.9	99.9	99.9	547.1	999.9	99.9	999.9	999.9	999.
77.0	147.0	22969.7	33.0	-61.0	99.9	999.9	99.9	99.9	99.9	562.8	999.9	99.9	999.9	999.9	999.
78.6	148.0	23562.7	30.0	-60.5	99.9	999.9	99.9	99.9	99.9	579.7	999.9	99.9	999.9	999.9	999.
80.4	149.0	24220.5	27.0	-59.5	99.9	999.9	99.9	99.9	99.9	600.3	999.9	99.9	999.9	999.9	999.
82.1	150.0	24957.1	24.0	-59.8	99.9	999.9	99.9	99.9	99.9	619.9	999.9	99.9	999.9	999.9	999.
84.3	151.0	25794.2	21.0	-58.5	99.9	999.9	99.9	99.9	99.9	648.1	999.9	99.9	999.9	999.9	999.
86.6	152.0	26763.6	18.0	-58.5	99.9	999.9	99.9	99.9	99.9	677.3	999.9	99.9	999.9	999.9	999.

STATION NO. 248  
SHRVEPORT, LA

6 FEBRUARY 1975  
2019 GMT

158 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.6	79.0	1014.2	1.1	-6.7	320.0	7.2	4.6	-5.5	273.4	279.4	2.3	56.0	0.0	0.
0.2	5.0	120.3	1009.0	0.6	-6.6	306.8	8.5	6.8	-5.1	273.3	279.4	2.3	58.6	0.4	132.
0.4	6.0	224.2	996.0	-0.9	-7.8	306.8	8.5	6.8	-5.1	272.9	278.5	2.1	59.0	0.4	132.
0.6	7.0	320.8	984.0	-1.8	-8.2	306.8	9.0	7.2	-5.4	272.9	278.4	2.1	61.7	0.4	132.
1.0	8.0	401.9	974.0	-2.9	-8.5	306.6	11.3	9.1	-6.8	272.6	278.0	2.1	65.2	0.6	130.
1.2	9.0	483.7	964.0	-3.2	-7.9	306.1	11.2	9.1	-6.6	273.1	278.8	2.2	70.0	0.8	129.
1.4	10.0	574.4	953.0	-4.0	-7.7	305.5	11.2	9.1	-6.5	273.2	279.0	2.2	75.1	1.0	129.
1.6	11.0	682.6	940.0	-4.9	-7.9	306.0	10.4	8.5	-6.1	273.3	279.2	2.2	79.4	1.1	128.
1.8	12.0	766.6	930.0	-6.0	-7.9	307.9	9.1	7.1	-5.6	273.1	279.0	2.3	85.8	1.2	128.
2.1	13.0	851.2	920.0	-7.2	-8.2	313.2	7.9	5.7	-5.4	272.7	278.5	2.2	92.2	1.3	128.
2.3	14.0	936.3	910.0	-7.9	-8.2	318.1	8.2	5.5	-6.1	272.8	278.7	2.3	97.6	1.4	129.
2.7	15.0	1022.1	900.0	-8.9	-11.4	322.3	9.7	6.0	-7.7	272.5	277.2	1.8	82.1	1.6	130.
3.0	16.0	1126.1	888.0	-8.8	-12.6	322.1	11.4	7.0	-9.0	273.7	278.0	1.6	73.4	1.8	132.
3.4	17.0	1223.2	877.0	-6.1	-14.9	318.0	14.1	9.4	-10.5	277.4	281.2	1.4	49.8	2.1	133.
3.7	18.0	1322.1	866.0	-5.5	-15.2	315.6	14.9	10.4	-10.6	279.0	282.8	1.4	46.4	2.4	133.
4.0	19.0	1404.2	857.0	-5.1	-15.2	313.2	15.1	11.0	-10.3	280.4	284.2	1.4	44.6	2.7	134.
4.4	20.0	1505.7	846.0	-4.9	-14.9	309.5	13.9	10.7	-8.8	281.6	285.5	1.4	45.4	3.0	133.
4.9	21.0	1608.7	835.0	-4.4	-14.4	313.8	14.1	10.2	-9.8	283.1	287.3	1.5	45.4	3.4	133.
5.2	22.0	1694.4	826.0	-2.6	-13.6	318.1	14.9	9.9	-11.1	286.0	290.5	1.6	42.3	3.7	133.
5.5	23.0	1791.1	816.0	-2.3	-15.3	322.3	15.8	9.6	-12.5	287.3	291.3	1.4	35.9	3.9	134.
5.8	24.0	1889.1	806.0	-1.8	-16.8	320.6	15.5	9.8	-12.0	288.8	292.5	1.3	30.7	4.2	134.
6.1	25.0	1988.3	796.0	-2.3	-17.4	319.0	15.3	10.0	-11.5	289.3	292.8	1.2	30.0	4.5	135.
6.6	26.0	2108.7	784.0	-3.1	-18.4	317.1	15.1	10.3	-11.0	289.7	293.0	1.1	29.3	5.0	135.
6.9	27.0	2200.1	775.0	-3.2	-19.5	316.1	15.2	10.5	-10.9	290.5	293.6	1.1	27.1	5.2	135.
7.2	28.0	2292.4	766.0	-4.0	-20.5	315.5	15.4	10.8	-11.0	290.6	293.5	1.0	26.3	5.5	135.
7.6	29.0	2385.5	757.0	-4.4	-20.7	314.9	15.8	11.2	-11.2	291.1	294.0	1.0	26.7	5.8	135.
7.9	30.0	2479.6	748.0	-5.2	-22.0	314.5	16.0	11.4	-11.2	291.2	293.9	0.9	25.2	6.2	135.
8.2	31.0	2585.2	738.0	-5.5	-22.8	314.0	15.9	11.5	-11.1	292.0	294.5	0.8	24.0	6.5	135.
8.6	32.0	2681.3	729.0	-6.1	-23.3	313.2	15.6	11.3	-10.7	292.4	294.8	0.8	24.0	6.9	135.
9.0	33.0	2778.4	720.0	-7.0	-23.9	312.2	15.0	11.1	-10.1	292.4	294.8	0.8	24.5	7.2	135.
9.4	34.0	2876.3	711.0	-8.0	-24.4	311.0	14.7	11.1	-9.7	292.3	294.6	0.7	25.3	7.6	135.
9.8	35.0	2975.2	702.0	-8.6	-24.9	309.6	14.9	11.5	-9.5	292.8	294.9	0.7	25.4	7.9	134.
10.2	36.0	3097.3	691.0	-9.9	-26.0	308.1	15.4	12.1	-9.5	292.6	294.6	0.7	25.4	8.2	134.
10.6	37.0	3198.3	682.0	-10.4	-26.4	306.9	16.0	12.8	-9.6	293.2	295.2	0.6	25.5	8.6	134.
11.0	38.0	3300.4	673.0	-11.2	-27.1	306.3	16.7	13.5	-9.9	293.4	295.3	0.6	25.5	9.0	133.
11.3	39.0	3392.2	665.0	-11.4	-27.5	306.2	17.2	13.8	-10.1	294.2	296.1	0.6	24.7	9.3	133.
11.7	40.0	3484.9	657.0	-12.1	-28.7	305.7	17.5	14.2	-10.2	294.4	296.1	0.5	23.6	9.7	133.
12.1	41.0	3613.9	646.0	-12.8	-29.3	304.7	17.4	14.3	-9.9	295.0	296.7	0.5	23.6	10.2	133.
12.4	42.0	3720.8	637.0	-13.5	-29.0	303.9	17.1	14.2	-9.5	295.4	297.1	0.5	25.6	10.5	132.
12.8	43.0	3816.7	629.0	-14.5	-29.4	303.3	17.1	14.3	-9.4	295.4	297.0	0.5	26.8	10.9	132.
13.2	44.0	3925.8	620.0	-15.0	-29.7	302.2	18.0	15.2	-9.6	296.0	297.6	0.5	27.2	11.2	132.
13.6	45.0	4023.9	612.0	-15.9	-31.0	300.0	19.6	17.0	-9.8	296.1	297.6	0.5	25.8	11.7	131.
13.8	46.0	4123.0	604.0	-16.1	-31.4	298.0	20.7	18.3	-9.7	296.9	298.3	0.5	25.4	11.9	131.
14.2	47.0	4223.4	596.0	-16.4	-31.6	293.4	23.5	21.5	-9.3	297.7	299.2	0.5	25.4	12.4	131.
14.6	48.0	4337.7	587.0	-17.0	-32.4	288.4	27.0	25.7	-8.6	298.4	299.7	0.4	24.7	13.0	130.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN \* AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
2019 GMT

158 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PPFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.0	49.0	4427.8	580.0	-16.8	-32.6	283.9	31.6	30.7	-7.6	299.6	300.9	0.4	23.9	13.6	129.
15.3	50.0	4545.4	571.0	-15.9	-32.7	280.4	35.2	34.6	-6.4	302.0	303.4	0.4	21.8	14.1	128.
15.7	51.0	4665.2	562.0	-16.0	-33.9	276.2	39.4	39.2	-4.2	303.2	304.5	0.4	19.6	15.0	126.
16.0	52.0	4773.1	554.0	-16.1	-34.0	273.1	42.3	42.2	-2.3	304.3	305.6	0.4	19.6	15.7	125.
16.3	53.0	4896.4	545.0	-16.6	-34.3	270.4	44.3	44.3	-0.3	305.2	306.5	0.4	19.6	16.3	123.
16.6	54.0	4979.6	539.0	-16.6	-33.3	268.5	46.2	46.2	1.2	306.2	307.6	0.4	21.8	17.0	122.
16.9	55.0	5106.5	530.0	-15.2	-30.4	267.6	47.9	47.9	2.0	309.4	311.3	0.6	25.7	17.7	120.
17.3	56.0	5236.0	521.0	-15.0	-28.9	267.7	49.7	49.7	2.0	311.1	313.3	0.7	29.3	18.7	118.
17.6	57.0	5338.3	514.0	-15.3	-31.5	268.3	50.8	50.8	1.5	311.9	313.7	0.5	23.4	19.5	116.
17.9	58.0	5441.7	507.0	-16.0	-31.9	269.1	51.4	51.4	0.8	312.3	314.0	0.5	23.8	20.3	115.
18.3	59.0	5576.5	498.0	-16.7	-32.0	270.1	51.7	51.7	-0.1	313.1	314.8	0.5	25.0	21.5	114.
18.7	60.0	5667.4	492.0	-17.6	-32.5	271.0	51.8	51.8	-0.9	313.0	314.7	0.5	25.9	22.6	113.
19.1	61.0	5789.9	484.0	-18.7	-33.3	271.6	52.3	52.3	-1.5	313.1	314.7	0.5	26.3	23.7	112.
19.5	62.0	5898.2	477.0	-19.8	-33.7	272.1	53.5	53.4	-1.9	313.1	314.6	0.5	27.8	25.0	111.
19.9	63.0	6007.7	470.0	-20.9	-34.0	272.4	54.7	54.7	-2.3	313.1	314.6	0.5	29.5	26.1	110.
20.3	64.0	6118.4	463.0	-22.0	-34.4	272.2	54.5	54.5	-2.1	313.1	314.6	0.4	31.1	27.5	109.
20.8	65.0	6230.6	456.0	-21.8	-34.8	271.4	52.7	52.7	-1.3	314.6	316.1	0.4	29.5	29.1	108.
21.3	66.0	6377.2	447.0	-22.5	-36.0	270.4	50.5	50.5	-0.4	315.6	316.9	0.4	27.9	30.5	107.
21.7	67.0	6476.2	441.0	-23.5	-36.3	269.9	49.1	49.1	0.1	315.4	316.8	0.4	29.6	31.7	106.
22.1	68.0	6593.1	434.0	-23.9	-36.7	269.6	48.6	48.6	0.3	316.4	317.7	0.4	29.6	32.8	106.
22.6	69.0	6728.9	426.0	-23.9	-37.9	269.8	51.7	51.7	0.2	318.1	319.3	0.3	26.2	34.1	105.
23.0	70.0	6849.8	419.0	-24.5	-39.0	270.3	57.3	57.3	-0.3	318.9	320.0	0.3	24.4	34.9	105.
23.4	71.0	6972.2	412.0	-25.5	-40.4	270.5	61.0*	61.0	-0.5	319.1	320.0	0.3	23.3	36.9	104.
23.8	72.0	7096.3	405.0	-26.6	-41.1	269.9	60.1*	60.1	0.1	319.3	320.2	0.3	23.8	38.3	104.
24.2	73.0	7203.9	399.0	-27.6	-41.7	268.6	56.8*	56.8	1.4	319.3	320.1	0.2	24.6	39.8	103.
24.6	74.0	7330.9	392.0	-28.8	-42.4	267.3	54.4*	54.3	2.6	319.3	320.2	0.2	25.4	41.1	103.
25.0	75.0	7441.1	386.0	-29.5	-42.0	266.8	56.2*	56.1	3.1	319.9	320.7	0.2	28.2	41.8	102.
25.4	76.0	7571.4	379.0	-30.8	-43.2	267.2	61.1*	61.1	3.0	319.8	320.6	0.2	28.2	43.3	102.
25.7	77.0	7722.5	371.0	-31.8	-43.8	266.9	61.8*	61.7	3.3	320.4	321.1	0.2	29.2	44.6	101.
26.1	78.0	7837.6	365.0	-32.8	-44.6	266.0	59.7*	59.6	4.1	320.6	321.4	0.2	29.3	46.4	101.
26.4	79.0	7954.0	359.0	-33.8	-44.9	265.0	56.1*	55.9	4.9	320.8	321.5	0.2	31.3	47.3	100.
26.8	80.0	8072.0	353.0	-34.7	-45.3	265.3	55.6*	55.4	4.6	321.1	321.7	0.2	32.7	48.2	100.
27.2	81.0	8211.5	346.0	-35.9	-46.4	266.8	58.6*	58.6	3.2	321.3	321.9	0.2	32.7	49.4	100.
27.6	82.0	8332.8	340.0	-37.1	-47.6	268.5	62.6*	62.6	1.6	321.3	321.8	0.1	32.2	51.0	99.
27.9	83.0	8455.6	334.0	-38.2	-48.6	269.0	67.1*	63.1	1.1	321.4	321.9	0.1	32.2	52.4	99.
28.3	84.0	8580.0	328.0	-39.4	-49.9	268.3	60.7*	60.7	1.8	321.4	321.9	0.1	31.4	53.8	99.
28.7	85.0	8748.7	320.0	-40.5	99.9	267.0	58.8*	58.7	3.1	322.3	999.9	99.9	999.9	55.1	99.
29.1	86.0	8855.8	315.0	-41.4	99.9	266.0	59.2*	59.0	4.1	322.4	999.9	99.9	999.9	56.4	98.
29.6	87.0	8964.2	310.0	-42.3	99.9	266.3	63.0*	62.9	4.1	322.8	999.9	99.9	999.9	58.0	98.
29.9	88.0	9096.2	304.0	-43.0	99.9	266.9	64.7*	64.6	3.5	323.6	999.9	99.9	999.9	59.5	98.
30.3	89.0	9230.3	298.0	-43.9	99.9	267.6	64.0*	64.0	2.6	324.1	999.9	99.9	999.9	61.0	97.
30.7	90.0	9320.8	294.0	-45.0	99.9	268.5	61.2*	61.2	1.7	323.7	999.9	99.9	999.9	62.4	97.
31.0	91.0	9458.2	288.0	-46.3	99.9	269.1	58.1*	58.1	0.9	323.8	999.9	99.9	999.9	63.6	97.
31.4	92.0	9597.8	282.0	-47.3	99.9	269.9	54.1*	54.1	0.1	324.4	999.9	99.9	999.9	65.1	97.
31.8	93.0	9715.9	277.0	-48.3	99.9	271.0	54.2*	54.2	-1.0	324.6	999.9	99.9	999.9	66.0	97.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
2019 GMT

158 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.2	94.0	9835.6	272.0	-49.2	99.9	272.2	58.2*	58.2	-2.2	325.0	999.9	99.9	999.9	67.1	97.
32.7	95.0	9957.0	267.0	-50.4	99.9	272.9	65.0*	64.0	-3.3	325.0	999.9	99.9	999.9	69.1	97.
33.2	96.0	10104.7	261.0	-51.9	99.9	272.5	66.6*	66.5	-2.9	324.9	999.9	99.9	999.9	71.4	96.
33.7	97.0	10229.8	256.0	-52.8	99.9	271.8	62.2*	62.2	-2.0	325.3	999.9	99.9	999.9	73.2	96.
34.1	98.0	10356.8	251.0	-53.9	99.9	271.4	57.5*	57.5	-1.4	325.5	999.9	99.9	999.9	74.8	96.
34.6	99.0	10485.8	246.0	-54.7	99.9	271.1	52.5*	52.5	-1.0	326.2	999.9	99.9	999.9	76.4	96.
35.1	100.0	10616.8	241.0	-56.0	99.9	271.1	54.0	54.0	-1.1	326.2	999.9	99.9	999.9	77.5	96.
35.7	101.0	10776.6	235.0	-57.3	99.9	999.9	99.9	99.9	99.9	326.6	999.9	99.9	999.9	999.9	999.
36.2	102.0	10885.0	231.0	-58.1	99.9	999.9	99.9	99.9	99.9	326.9	999.9	99.9	999.9	999.9	999.
36.6	103.0	11022.8	226.0	-58.1	99.9	999.9	99.9	99.9	99.9	329.0	999.9	99.9	999.9	999.9	999.
37.1	104.0	11164.1	221.0	-57.0	99.9	999.9	99.9	99.9	99.9	332.9	999.9	99.9	999.9	999.9	999.
37.6	105.0	11279.6	217.0	-57.3	99.9	999.9	99.9	99.9	99.9	334.1	999.9	99.9	999.9	999.9	999.
38.0	106.0	11426.7	212.0	-58.1	99.9	999.9	99.9	99.9	99.9	335.1	999.9	99.9	999.9	999.9	999.
38.4	107.0	11546.5	208.0	-58.8	99.9	999.9	99.9	99.9	99.9	335.8	999.9	99.9	999.9	999.9	999.
38.8	108.0	11699.1	203.0	-59.2	99.9	999.9	99.9	99.9	99.9	337.6	999.9	99.9	999.9	999.9	999.
39.3	109.0	11823.8	199.0	-59.3	99.9	999.9	99.9	99.9	99.9	339.3	999.9	99.9	999.9	999.9	999.
39.8	110.0	11952.0	195.0	-56.0	99.9	999.9	99.9	99.9	99.9	346.6	999.9	99.9	999.9	999.9	999.
40.5	111.0	12117.6	190.0	-55.0	99.9	999.9	99.9	99.9	99.9	350.7	999.9	99.9	999.9	999.9	999.
41.0	112.0	12253.4	186.0	-55.2	99.9	999.9	99.9	99.9	99.9	352.6	999.9	99.9	999.9	999.9	999.
41.4	113.0	12427.5	181.0	-55.0	99.9	999.9	99.9	99.9	99.9	355.6	999.9	99.9	999.9	999.9	999.
42.0	114.0	12570.1	177.0	-55.4	99.9	999.9	99.9	99.9	99.9	357.4	999.9	99.9	999.9	999.9	999.
42.5	115.0	12715.8	173.0	-55.8	99.9	999.9	99.9	99.9	99.9	358.9	999.9	99.9	999.9	999.9	999.
43.1	116.0	12864.7	169.0	-55.8	99.9	999.9	99.9	99.9	99.9	361.4	999.9	99.9	999.9	999.9	999.
43.7	117.0	13017.0	165.0	-56.5	99.9	999.9	99.9	99.9	99.9	362.7	999.9	99.9	999.9	999.9	999.
44.2	118.0	13172.5	161.0	-57.0	99.9	999.9	99.9	99.9	99.9	364.5	999.9	99.9	999.9	999.9	999.
44.8	119.0	13331.7	157.0	-57.5	99.9	999.9	99.9	99.9	99.9	366.3	999.9	99.9	999.9	999.9	999.
45.3	120.0	13453.5	154.0	-57.6	99.9	999.9	99.9	99.9	99.9	368.0	999.9	99.9	999.9	999.9	999.
45.9	121.0	13619.6	150.0	-57.8	99.9	999.9	99.9	99.9	99.9	370.5	999.9	99.9	999.9	999.9	999.
46.5	122.0	13789.8	146.0	-58.5	99.9	999.9	99.9	99.9	99.9	372.2	999.9	99.9	999.9	999.9	999.
47.1	123.0	13920.2	143.0	-58.8	99.9	999.9	99.9	99.9	99.9	373.8	999.9	99.9	999.9	999.9	999.
47.6	124.0	14098.2	139.0	-59.2	99.9	999.9	99.9	99.9	99.9	376.3	999.9	99.9	999.9	999.9	999.
48.1	125.0	14234.8	136.0	-59.7	99.9	999.9	99.9	99.9	99.9	377.7	999.9	99.9	999.9	999.9	999.
48.7	126.0	14468.7	131.0	-60.2	99.9	999.9	99.9	99.9	99.9	380.8	999.9	99.9	999.9	999.9	999.
49.3	127.0	14613.0	128.0	-60.7	99.9	999.9	99.9	99.9	99.9	382.4	999.9	99.9	999.9	999.9	999.
49.7	128.0	14760.3	125.0	-61.6	99.9	999.9	99.9	99.9	99.9	383.4	999.9	99.9	999.9	999.9	999.
50.3	129.0	14910.7	122.0	-61.8	99.9	999.9	99.9	99.9	99.9	385.8	999.9	99.9	999.9	999.9	999.
51.0	130.0	15116.9	118.0	-62.2	99.9	999.9	99.9	99.9	99.9	388.8	999.9	99.9	999.9	999.9	999.
51.9	131.0	15276.1	115.0	-62.0	99.9	999.9	99.9	99.9	99.9	392.0	999.9	99.9	999.9	999.9	999.
52.5	132.0	15495.4	111.0	-61.4	99.9	999.9	99.9	99.9	99.9	397.0	999.9	99.9	999.9	999.9	999.
53.1	133.0	15665.3	108.0	-61.4	99.9	999.9	99.9	99.9	99.9	400.1	999.9	99.9	999.9	999.9	999.
53.8	134.0	15839.6	105.0	-62.4	99.9	999.9	99.9	99.9	99.9	401.6	999.9	99.9	999.9	999.9	999.
54.4	135.0	16018.1	102.0	-63.5	99.9	999.9	99.9	99.9	99.9	402.8	999.9	99.9	999.9	999.9	999.
55.1	136.0	16263.5	98.0	-64.0	99.9	999.9	99.9	99.9	99.9	406.4	999.9	99.9	999.9	999.9	999.
55.9	137.0	16453.5	95.0	-65.0	99.9	999.9	99.9	99.9	99.9	408.1	999.9	99.9	999.9	999.9	999.
56.8	138.0	16715.3	91.0	-65.8	99.9	999.9	99.9	99.9	99.9	411.6	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
2019 GMT

158 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	A7 DG
57.5	139.0	16918.5	88.0	-66.8	99.9	999.9	99.9	99.9	99.9	413.6	999.9	99.9	999.9	999.9	999.
58.4	140.0	17199.9	84.0	-66.6	99.9	999.9	99.9	99.9	99.9	419.5	999.9	99.9	999.9	999.9	999.
59.2	141.0	17420.3	81.0	-65.8	99.9	999.9	99.9	99.9	99.9	425.6	999.9	99.9	999.9	999.9	999.
60.1	142.0	17650.0	78.0	-65.0	99.9	999.9	99.9	99.9	99.9	431.8	999.9	99.9	999.9	999.9	999.
60.9	143.0	17889.4	75.0	-64.6	99.9	999.9	99.9	99.9	99.9	437.5	999.9	99.9	999.9	999.9	999.
61.8	144.0	18226.6	71.0	-61.6	99.9	999.9	99.9	99.9	99.9	450.7	999.9	99.9	999.9	999.9	999.
62.7	145.0	18493.6	68.0	-62.4	99.9	999.9	99.9	99.9	99.9	454.8	999.9	99.9	999.9	999.9	999.
63.5	146.0	18772.5	65.0	-62.0	99.9	999.9	99.9	99.9	99.9	461.5	999.9	99.9	999.9	999.9	999.
64.4	147.0	19065.1	62.0	-61.4	99.9	999.9	99.9	99.9	99.9	468.9	999.9	99.9	999.9	999.9	999.
65.4	148.0	19479.7	58.0	-60.4	99.9	999.9	99.9	99.9	99.9	480.4	999.9	99.9	999.9	999.9	999.
66.4	149.0	19810.0	55.0	-61.3	99.9	999.9	99.9	99.9	99.9	485.7	999.9	99.9	999.9	999.9	999.
67.6	150.0	20157.1	52.0	-62.5	99.9	999.9	99.9	99.9	99.9	490.6	999.9	99.9	999.9	999.9	999.
68.8	151.0	20525.1	49.0	-60.9	99.9	999.9	99.9	99.9	99.9	502.9	999.9	99.9	999.9	999.9	999.
69.9	152.0	20917.4	46.0	-61.4	99.9	999.9	99.9	99.9	99.9	510.7	999.9	99.9	999.9	999.9	999.
71.0	153.0	21335.6	43.0	-61.4	99.9	999.9	99.9	99.9	99.9	520.7	999.9	99.9	999.9	999.9	999.
72.3	154.0	21782.9	40.0	-62.5	99.9	999.9	99.9	99.9	99.9	528.8	999.9	99.9	999.9	999.9	999.
73.6	155.0	22263.7	37.0	-62.7	99.9	999.9	99.9	99.9	99.9	540.3	999.9	99.9	999.9	999.9	999.
74.9	156.0	22784.4	34.0	-63.1	99.9	999.9	99.9	99.9	99.9	552.5	999.9	99.9	999.9	999.9	999.
76.6	157.0	23357.4	31.0	-59.7	99.9	999.9	99.9	99.9	99.9	576.5	999.9	99.9	999.9	999.9	999.
78.3	158.0	23992.6	28.0	-60.6	99.9	999.9	99.9	99.9	99.9	591.1	999.9	99.9	999.9	999.9	999.
80.2	159.0	24698.0	25.0	-60.7	99.9	999.9	99.9	99.9	99.9	610.1	999.9	99.9	999.9	999.9	999.
82.3	160.0	25494.1	22.0	-60.4	99.9	999.9	99.9	99.9	99.9	633.9	999.9	99.9	999.9	999.9	999.
84.6	161.0	26747.3	18.0	-59.5	99.9	999.9	99.9	99.9	99.9	674.1	999.9	99.9	999.9	999.9	999.

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
2315 GMT

149 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	79.0	1014.9	1.1	-7.6	320.0	9.2	5.3	-6.3	273.4	278.9	2.1	52.0	0.0	0.
0.1	5.0	102.0	1012.0	0.2	-7.9	319.5	11.3	7.4	-8.6	272.7	278.1	2.1	54.3	0.2	137.
0.5	6.0	221.4	997.0	-0.9	-8.6	319.5	11.3	7.4	-8.6	272.7	278.0	2.0	55.8	0.2	137.
0.9	7.0	309.8	986.0	-2.2	-9.4	318.1	10.8	7.2	-8.0	272.3	277.3	1.9	57.8	0.4	138.
1.1	8.0	406.9	974.0	-3.0	-9.6	318.0	10.5	7.0	-7.8	272.5	277.4	1.9	60.2	0.6	138.
1.5	9.0	505.0	962.0	-4.1	-10.1	319.0	9.7	6.4	-7.4	272.3	277.2	1.8	62.7	0.8	138.
1.9	10.0	595.5	951.0	-5.0	-10.0	319.3	9.9	6.6	-7.4	272.3	277.2	1.9	67.7	1.0	139.
2.3	11.0	712.0	937.0	-5.7	-9.8	316.4	9.8	6.8	-7.1	272.7	277.7	1.9	72.7	1.3	138.
2.6	12.0	812.9	925.0	-6.6	-10.0	315.6	9.9	6.9	-7.1	272.8	277.8	1.9	76.9	1.5	138.
3.0	13.0	906.2	914.0	-7.7	-9.7	316.5	10.3	7.1	-7.5	272.6	277.9	2.0	85.2	1.7	138.
3.3	14.0	1000.3	903.0	-9.0	-10.5	320.3	10.4	6.6	-8.0	272.2	277.2	1.9	88.9	1.9	137.
3.6	15.0	1103.7	891.0	-9.7	-13.3	325.3	10.7	6.1	-8.8	272.4	276.5	1.5	75.1	2.1	138.
4.1	16.0	1226.4	877.0	-8.3	-13.8	333.4	12.2	5.5	-10.9	275.2	279.2	1.5	64.4	2.4	140.
4.4	17.0	1324.6	866.0	-7.2	-15.1	331.5	13.7	6.5	-12.0	277.2	281.0	1.4	53.2	2.6	141.
4.8	18.0	1424.4	855.0	-6.5	-14.4	328.4	14.2	7.4	-12.1	279.1	283.1	1.5	53.1	3.0	142.
5.1	19.0	1516.6	845.0	-5.0	-12.2	326.9	13.8	7.5	-11.6	291.6	286.5	1.8	56.9	3.2	142.
5.4	20.0	1619.8	834.0	-4.1	-12.6	327.3	12.8	6.9	-10.8	283.6	288.5	1.7	51.1	3.5	143.
5.9	21.0	1743.9	821.0	-3.6	-13.2	324.1	14.3	8.4	-11.6	285.4	290.1	1.7	47.2	3.8	143.
6.2	22.0	1850.5	810.0	-3.6	-13.5	322.7	15.8	9.6	-12.6	286.5	291.2	1.7	45.9	4.1	143.
6.5	23.0	1958.6	799.0	-3.1	-15.7	321.8	17.4	10.7	-13.6	288.1	292.1	1.4	37.0	4.4	143.
6.8	24.0	2058.3	789.0	-3.1	-18.6	321.9	16.2	10.0	-12.8	289.1	292.3	1.1	29.0	4.7	143.
7.1	25.0	2169.3	778.0	-3.5	-20.0	321.9	15.3	9.4	-12.1	289.9	292.9	1.0	26.3	5.0	143.
7.6	26.0	2292.0	766.0	-4.4	-21.3	321.2	14.9	9.4	-11.6	290.2	292.9	0.9	25.2	5.4	143.
7.9	27.0	2395.5	756.0	-4.7	-23.2	320.6	15.1	9.6	-11.7	290.9	293.3	0.8	21.8	5.7	143.
8.2	28.0	2510.6	745.0	-5.3	-25.1	320.2	15.5	9.9	-11.9	291.5	293.5	0.7	19.2	6.0	143.
8.6	29.0	2605.9	736.0	-5.7	-26.0	319.6	16.1	10.4	-12.3	292.0	293.9	0.6	18.3	6.3	142.
8.9	30.0	2723.8	725.0	-6.5	-26.6	319.0	16.5	10.8	-12.5	292.4	294.2	0.6	18.3	6.7	142.
9.2	31.0	2821.2	716.0	-7.2	-27.5	317.9	16.8	11.2	-12.4	292.6	294.3	0.6	17.9	7.0	142.
9.6	32.0	2930.7	706.0	-7.8	-28.0	316.2	16.9	11.7	-12.2	293.1	294.8	0.5	18.0	7.3	142.
9.9	33.0	3030.3	697.0	-8.7	-28.7	314.6	16.6	11.8	-11.7	293.2	294.8	0.5	18.0	7.7	142.
10.2	34.0	3153.4	686.0	-9.2	-29.3	313.2	16.3	11.9	-11.1	294.1	295.6	0.5	17.6	8.0	141.
10.6	35.0	3255.4	677.0	-10.2	-29.8	311.5	15.8	11.9	-10.5	294.1	295.5	0.5	18.2	8.3	141.
11.1	36.0	3392.8	665.0	-11.6	-30.9	310.5	15.7	11.9	-10.2	293.9	295.3	0.4	18.3	8.8	140.
11.4	37.0	3497.1	656.0	-12.2	-31.4	310.3	15.7	11.9	-10.1	294.4	295.8	0.4	18.3	9.1	140.
11.8	38.0	3614.3	646.0	-13.3	-32.3	309.6	15.5	11.9	-9.9	294.5	295.7	0.4	18.4	9.5	140.
12.2	39.0	3721.0	637.0	-13.9	-32.7	308.4	15.4	12.1	-9.6	295.0	296.2	0.4	18.5	9.8	139.
12.6	40.0	3828.8	628.0	-15.1	-33.2	306.6	15.6	12.5	-9.3	294.8	295.9	0.4	19.5	10.1	139.
13.0	41.0	3962.1	617.0	-16.1	-33.6	304.3	16.0	13.2	-9.0	295.2	296.3	0.4	20.4	10.6	138.
13.4	42.0	4084.9	607.0	-17.2	-33.6	301.2	17.1	14.7	-8.9	295.3	296.4	0.4	22.2	10.9	138.
13.8	43.0	4196.8	598.0	-18.0	-33.8	299.1	19.1	16.8	-9.0	295.6	296.8	0.4	23.5	11.3	137.
14.1	44.0	4310.0	589.0	-18.8	-34.5	295.9	21.0	18.9	-9.2	295.9	297.0	0.3	23.6	11.6	137.
14.4	45.0	4411.8	581.0	-18.9	-36.1	293.5	23.4	21.4	-9.3	296.9	297.9	0.3	20.2	12.0	136.
14.9	46.0	4528.3	572.0	-17.9	-35.9	288.9	27.4	25.9	-8.9	299.5	300.5	0.3	18.8	12.7	135.
15.2	47.0	4647.0	563.0	-17.9	-36.1	286.1	29.6	28.4	-8.2	300.9	301.9	0.3	18.3	13.2	134.
15.6	48.0	4754.0	555.0	-17.7	-36.0	282.7	32.4	31.6	-7.1	302.3	303.3	0.3	18.3	13.8	132.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 248  
SHREVEPORT, LA.

6 FEBRUARY 1975  
2315 GMT

149 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.1	49.0	4862.7	547.0	-17.7	-36.0	279.2	35.2	34.7	-5.6	303.5	304.6	0.3	18.3	14.7	130.
16.5	50.0	4986.9	538.0	-17.3	-35.9	277.0	36.7	36.4	-4.4	305.5	306.5	0.3	17.8	15.5	128.
17.1	51.0	5141.8	527.0	-17.2	-35.8	273.4	37.9	37.9	-2.2	307.4	308.6	0.3	17.8	16.7	126.
17.6	52.0	5242.0	520.0	-17.6	-36.2	272.0	39.9	39.8	-1.4	308.1	309.2	0.3	17.9	17.6	124.
18.0	53.0	5358.0	512.0	-17.7	-36.3	272.6	42.1	42.1	-1.9	309.3	310.4	0.3	17.9	18.3	122.
18.4	54.0	5490.5	503.0	-18.8	-37.1	274.1	43.6	43.5	-3.1	309.6	310.6	0.3	18.0	19.3	120.
18.8	55.0	5609.8	495.0	-19.1	-37.1	275.4	44.4	44.2	-4.2	310.7	311.7	0.3	18.5	20.4	119.
19.3	56.0	5761.7	485.0	-19.4	-36.9	277.4	46.8	46.4	-6.1	312.1	313.3	0.3	19.4	21.5	118.
19.7	57.0	5885.2	477.0	-19.9	-36.9	279.1	50.3	49.7	-7.9	313.0	314.1	0.3	20.3	22.5	117.
20.1	58.0	5994.9	470.0	-20.2	-36.1	280.1	53.9	53.1	-9.5	314.0	315.2	0.4	22.4	23.8	116.
20.6	59.0	6121.9	462.0	-21.0	-36.3	279.8	54.8	54.0	-9.3	314.5	315.8	0.4	23.7	25.5	115.
21.0	60.0	6250.7	454.0	-22.2	-37.4	278.3	52.5	52.0	-7.6	314.6	315.7	0.3	23.4	26.9	114.
21.4	61.0	6381.2	446.0	-22.8	-38.0	276.4	50.3	50.0	-5.6	315.3	316.4	0.3	23.4	28.0	114.
21.9	62.0	6497.0	439.0	-23.8	-38.9	274.6	49.7	49.5	-4.0	315.6	316.6	0.3	23.1	29.2	113.
22.3	63.0	6614.2	432.0	-24.6	-39.6	274.0	50.3	50.2	-3.5	316.0	317.0	0.3	23.1	30.5	112.
22.8	64.0	6750.1	424.0	-25.7	-40.4	273.8	51.2	51.1	-3.4	316.2	317.1	0.3	23.6	31.9	111.
23.2	65.0	6870.5	417.0	-26.8	-41.3	274.0	51.8	51.6	-3.6	316.3	317.2	0.2	23.7	33.0	110.
23.9	66.0	7027.8	408.0	-27.3	-41.7	275.1	53.5	53.3	-4.7	317.6	318.5	0.2	23.7	35.1	109.
24.3	67.0	7152.1	401.0	-28.5	-42.6	275.7	55.0	54.7	-5.4	317.7	318.5	0.2	24.2	36.4	109.
24.8	68.0	7278.1	394.0	-29.4	-43.0	275.8	56.0*	55.7	-5.7	318.1	318.9	0.2	25.3	38.2	108.
25.2	69.0	7405.8	387.0	-30.3	-43.9	275.3	55.3*	55.1	-5.1	318.5	319.2	0.2	25.0	39.4	108.
25.8	70.0	7535.3	380.0	-31.5	-45.1	273.9	52.2*	52.1	-3.6	318.6	319.3	0.2	24.3	41.4	107.
26.4	71.0	7685.7	372.0	-32.4	-46.1	272.7	50.7*	50.6	-2.4	319.3	319.9	0.2	24.0	43.1	107.
26.8	72.0	7819.3	365.0	-33.6	-46.9	272.5	52.7*	52.6	-2.3	319.5	320.1	0.1	24.5	44.1	106.
27.3	73.0	7954.9	358.0	-34.5	-47.7	271.8	56.0*	56.0	-1.8	320.0	320.6	0.1	24.5	45.9	106.
27.8	74.0	8072.8	352.0	-35.6	-48.6	270.3	58.6*	58.6	-0.3	320.2	320.6	0.1	24.6	47.5	105.
28.2	75.0	8212.3	345.0	-36.4	-49.2	269.2	60.2*	60.2	0.9	320.9	321.4	0.1	25.0	48.8	105.
28.7	76.0	8333.7	339.0	-37.4	-49.7	268.2	60.7*	60.7	2.0	321.1	321.5	0.1	26.1	50.7	104.
29.2	77.0	8456.8	333.0	-38.5	-50.4	266.7	57.9*	57.8	3.3	321.3	321.7	0.1	26.8	52.5	104.
29.7	78.0	8602.4	326.0	-39.6	-50.7	265.5	56.2*	56.0	4.4	321.7	322.1	0.1	29.1	54.1	103.
30.1	79.0	8729.2	320.0	-40.7	99.9	266.0	59.6*	59.5	4.2	322.1	999.9	99.9	999.9	55.0	103.
30.7	80.0	8857.8	314.0	-41.9	99.9	267.7	67.2*	67.2	2.7	322.1	999.9	99.9	999.9	57.4	102.
31.4	81.0	9032.1	306.0	-43.1	99.9	265.0	56.0*	55.8	4.9	322.7	999.9	99.9	999.9	60.6	101.
31.9	82.0	9165.2	300.0	-44.4	99.9	261.3	46.3*	45.8	7.0	322.8	999.9	99.9	999.9	61.7	101.
32.3	83.0	9300.2	294.0	-45.6	99.9	261.8	49.2*	48.6	7.0	322.9	999.9	99.9	999.9	62.4	101.
32.8	84.0	9414.2	289.0	-46.9	99.9	265.8	63.6*	63.5	4.6	322.7	999.9	99.9	999.9	63.8	100.
33.3	85.0	9552.8	283.0	-48.1	99.9	269.4	79.9*	79.9	0.8	322.9	999.9	99.9	999.9	65.9	100.
33.9	86.0	9741.4	275.0	-49.2	99.9	271.3	80.7*	80.7	-1.9	323.9	999.9	99.9	999.9	69.8	99.
34.3	87.0	9861.5	270.0	-50.1	99.9	270.7	66.8*	66.8	-0.9	324.3	999.9	99.9	999.9	71.7	99.
34.8	88.0	10007.9	264.0	-51.3	99.9	267.9	48.7*	48.6	1.8	324.7	999.9	99.9	999.9	73.0	99.
35.3	89.0	10131.0	259.0	-52.5	99.9	264.7	42.3*	42.1	3.9	324.7	999.9	99.9	999.9	74.0	99.
35.8	90.0	10282.9	253.0	-53.6	99.9	263.6	47.7*	47.4	5.3	325.2	999.9	99.9	999.9	75.0	99.
36.2	91.0	10410.9	248.0	-54.9	99.9	266.9	63.3	63.2	3.4	325.2	999.9	99.9	999.9	76.2	98.
36.8	92.0	10540.7	243.0	-56.2	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	999.9	999.9	999.
37.3	93.0	10699.1	237.0	-57.5	99.9	999.9	99.9	99.9	99.9	325.6	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
2315 GMT

149 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX R TO GM/KG	RH PCT	RANGE KM	AZ DG
37.8	94.0	10833.4	232.0	-58.8	99.9	999.9	99.9	99.9	99.9	325.5	999.9	99.9	999.9	999.9	999.
38.2	95.0	10970.2	227.0	-58.8	99.9	999.9	99.9	99.9	99.9	327.6	999.9	99.9	999.9	999.9	999.
38.8	96.0	11138.8	221.0	-57.6	99.9	999.9	99.9	99.9	99.9	331.9	999.9	99.9	999.9	999.9	999.
39.3	97.0	11282.9	216.0	-58.6	99.9	999.9	99.9	99.9	99.9	332.5	999.9	99.9	999.9	999.9	999.
39.9	98.0	11429.8	211.0	-59.5	99.9	999.9	99.9	99.9	99.9	333.4	999.9	99.9	999.9	999.9	999.
40.4	99.0	11549.9	207.0	-58.3	99.9	999.9	99.9	99.9	99.9	337.1	999.9	99.9	999.9	999.9	999.
41.0	100.0	11704.1	202.0	-57.5	99.9	999.9	99.9	99.9	99.9	340.8	999.9	99.9	999.9	999.9	999.
41.8	101.0	11855.2	196.0	-56.0	99.9	999.9	99.9	99.9	99.9	346.1	999.9	99.9	999.9	999.9	999.
42.4	102.0	12026.3	192.0	-56.2	99.9	999.9	99.9	99.9	99.9	347.9	999.9	99.9	999.9	999.9	999.
43.1	103.0	12194.0	187.0	-56.2	99.9	999.9	99.9	99.9	99.9	350.5	999.9	99.9	999.9	999.9	999.
43.7	104.0	12331.4	183.0	-56.5	99.9	999.9	99.9	99.9	99.9	352.2	999.9	99.9	999.9	999.9	999.
44.2	105.0	12471.2	179.0	-57.8	99.9	999.9	99.9	99.9	99.9	352.2	999.9	99.9	999.9	999.9	999.
44.7	106.0	12649.9	174.0	-57.8	99.9	999.9	99.9	99.9	99.9	355.1	999.9	99.9	999.9	999.9	999.
45.2	107.0	12756.5	170.0	-58.1	99.9	999.9	99.9	99.9	99.9	356.9	999.9	99.9	999.9	999.9	999.
45.8	108.0	12946.1	166.0	-59.2	99.9	999.9	99.9	99.9	99.9	357.7	999.9	99.9	999.9	999.9	999.
46.3	109.0	13058.9	162.0	-59.3	99.9	999.9	99.9	99.9	99.9	359.9	999.9	99.9	999.9	999.9	999.
46.9	110.0	13255.5	158.0	-59.3	99.9	999.9	99.9	99.9	99.9	362.5	999.9	99.9	999.9	999.9	999.
47.5	111.0	13456.6	153.0	-59.8	99.9	999.9	99.9	99.9	99.9	364.9	999.9	99.9	999.9	999.9	999.
48.1	112.0	13621.9	149.0	-60.5	99.9	999.9	99.9	99.9	99.9	366.5	999.9	99.9	999.9	999.9	999.
48.8	113.0	13791.3	145.0	-60.7	99.9	999.9	99.9	99.9	99.9	369.1	999.9	99.9	999.9	999.9	999.
49.4	114.0	13921.3	142.0	-60.9	99.9	999.9	99.9	99.9	99.9	371.0	999.9	99.9	999.9	999.9	999.
50.1	115.0	14098.7	138.0	-61.6	99.9	999.9	99.9	99.9	99.9	372.7	999.9	99.9	999.9	999.9	999.
50.9	116.0	14280.9	134.0	-61.6	99.9	999.9	99.9	99.9	99.9	375.9	999.9	99.9	999.9	999.9	999.
51.6	117.0	14468.6	130.0	-61.8	99.9	999.9	99.9	99.9	99.9	378.8	999.9	99.9	999.9	999.9	999.
52.1	118.0	14613.1	127.0	-62.0	99.9	999.9	99.9	99.9	99.9	381.1	999.9	99.9	999.9	999.9	999.
52.8	119.0	14810.7	123.0	-62.9	99.9	999.9	99.9	99.9	99.9	382.9	999.9	99.9	999.9	999.9	999.
53.5	120.0	14962.5	120.0	-63.4	99.9	999.9	99.9	99.9	99.9	384.6	999.9	99.9	999.9	999.9	999.
54.1	121.0	15117.7	117.0	-64.4	99.9	999.9	99.9	99.9	99.9	385.7	999.9	99.9	999.9	999.9	999.
54.8	122.0	15276.4	114.0	-64.8	99.9	999.9	99.9	99.9	99.9	387.8	999.9	99.9	999.9	999.9	999.
55.5	123.0	15494.2	110.0	-65.3	99.9	999.9	99.9	99.9	99.9	390.7	999.9	99.9	999.9	999.9	999.
56.1	124.0	15662.4	107.0	-65.5	99.9	999.9	99.9	99.9	99.9	393.4	999.9	99.9	999.9	999.9	999.
56.8	125.0	15835.7	104.0	-64.8	99.9	999.9	99.9	99.9	99.9	398.1	999.9	99.9	999.9	999.9	999.
57.6	126.0	16074.6	100.0	-65.5	99.9	999.9	99.9	99.9	99.9	401.1	999.9	99.9	999.9	999.9	999.
58.3	127.0	16259.4	97.0	-66.5	99.9	999.9	99.9	99.9	99.9	402.7	999.9	99.9	999.9	999.9	999.
59.0	128.0	16449.3	94.0	-67.1	99.9	999.9	99.9	99.9	99.9	405.2	999.9	99.9	999.9	999.9	999.
59.8	129.0	16645.2	91.0	-66.9	99.9	999.9	99.9	99.9	99.9	409.4	999.9	99.9	999.9	999.9	999.
60.6	130.0	16847.8	88.0	-66.7	99.9	999.9	99.9	99.9	99.9	413.7	999.9	99.9	999.9	999.9	999.
61.6	131.0	17129.6	84.0	-65.9	99.9	999.9	99.9	99.9	99.9	420.9	999.9	99.9	999.9	999.9	999.
62.3	132.0	17276.0	82.0	-65.5	99.9	999.9	99.9	99.9	99.9	424.6	999.9	99.9	999.9	999.9	999.
63.1	133.0	17503.7	79.0	-63.6	99.9	999.9	99.9	99.9	99.9	433.1	999.9	99.9	999.9	999.9	999.
63.9	134.0	17741.7	76.0	-63.1	99.9	999.9	99.9	99.9	99.9	439.0	999.9	99.9	999.9	999.9	999.
64.4	135.0	17989.2	73.0	-63.6	99.9	999.9	99.9	99.9	99.9	443.0	999.9	99.9	999.9	999.9	999.
65.3	136.0	18245.7	70.0	-65.3	99.9	999.9	99.9	99.9	99.9	444.6	999.9	99.9	999.9	999.9	999.
66.2	137.0	18511.6	67.0	-66.5	99.9	999.9	99.9	99.9	99.9	447.7	999.9	99.9	999.9	999.9	999.
67.2	138.0	18788.8	64.0	-66.5	99.9	999.9	99.9	99.9	99.9	453.6	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

6 FEBRUARY 1975  
2315 GMT

149 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGF KM	AZ DG
68.3	139.0	19080.9	61.0	-64.4	99.9	999.9	99.9	99.9	99.9	464.6	999.9	99.9	999.9	999.9	999.
69.3	140.0	19390.3	58.0	-63.1	99.9	999.9	99.9	99.9	99.9	474.3	999.9	99.9	999.9	999.9	999.
70.3	141.0	19715.7	55.0	-64.9	99.9	999.9	99.9	99.9	99.9	477.3	999.9	99.9	999.9	999.9	999.
71.5	142.0	20057.1	52.0	-65.7	99.9	999.9	99.9	99.9	99.9	483.2	999.9	99.9	999.9	999.9	999.
72.8	143.0	20419.8	49.0	-63.8	99.9	999.9	99.9	99.9	99.9	496.0	999.9	99.9	999.9	999.9	999.
73.8	144.0	20806.7	46.0	-64.4	99.9	999.9	99.9	99.9	99.9	503.7	999.9	99.9	999.9	999.9	999.
75.2	145.0	21219.7	43.0	-63.8	99.9	999.9	99.9	99.9	99.9	514.9	999.9	99.9	999.9	999.9	999.
76.5	146.0	21662.8	40.0	-64.2	99.9	999.9	99.9	99.9	99.9	524.7	999.9	99.9	999.9	999.9	999.
77.9	147.0	22139.3	37.0	-64.8	99.9	999.9	99.9	99.9	99.9	535.1	999.9	99.9	999.9	999.9	999.
79.5	148.0	22658.1	34.0	-62.7	99.9	999.9	99.9	99.9	99.9	553.6	999.9	99.9	999.9	999.9	999.
81.4	149.0	23226.8	31.0	-63.2	99.9	999.9	99.9	99.9	99.9	566.9	999.9	99.9	999.9	999.9	999.
83.1	150.0	23852.8	28.0	-63.1	99.9	999.9	99.9	99.9	99.9	584.2	999.9	99.9	999.9	999.9	999.
85.2	151.0	24550.6	25.0	-62.9	99.9	999.9	99.9	99.9	99.9	603.9	999.9	99.9	999.9	999.9	999.
87.3	152.0	25338.6	22.0	-62.5	99.9	999.9	99.9	99.9	99.9	627.5	999.9	99.9	999.9	999.9	999.

STATION NO. 248  
SHREVEPORT, LA

7 FEBRUARY 1975  
515 GMT

158 17. 0

TIME MIN	CNTCT	HHEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	79.0	1018.0	-3.3	-8.7	300.0	4.1	3.6	-2.0	268.7	273.7	1.9	66.0	0.0	0.
0.2	5.0	149.3	1009.0	-3.1	-8.2	307.6	8.2	6.5	-5.0	269.6	274.9	2.0	67.5	0.2	125.
0.6	6.0	259.8	995.0	-4.0	-8.8	310.1	8.1	6.2	-5.2	269.8	274.9	2.0	69.1	0.2	125.
0.9	7.0	339.4	985.0	-4.5	-8.9	318.1	7.9	5.3	-5.9	270.1	275.2	2.0	71.3	0.4	126.
1.2	8.0	435.8	973.0	-5.4	-9.0	327.0	8.2	4.4	-6.8	270.1	275.3	2.0	75.4	0.5	131.
1.6	9.0	525.0	962.0	-6.1	-9.3	335.7	8.8	3.6	-8.0	270.2	275.3	2.0	78.0	0.7	138.
1.9	10.0	606.7	952.0	-6.9	-9.4	336.7	8.9	3.5	-8.2	270.3	275.4	2.0	82.2	0.9	141.
2.3	11.0	713.9	939.0	-7.6	-9.7	340.0	8.9	3.1	-8.4	270.6	275.6	1.9	85.0	1.1	144.
2.6	12.0	805.5	928.0	-8.7	-10.3	344.1	9.2	2.5	-8.9	270.4	275.4	1.9	88.2	1.2	146.
3.0	13.0	889.4	918.0	-9.4	-11.3	351.8	10.3	1.5	-10.2	270.5	275.1	1.8	86.0	1.5	149.
3.3	14.0	974.2	908.0	-8.8	-13.8	357.0	10.8	0.6	-10.7	271.9	275.8	1.5	67.2	1.6	153.
3.7	15.0	1068.9	897.0	-7.2	-14.0	359.9	11.5	0.0	-11.5	274.5	278.4	1.4	57.9	1.9	156.
4.1	16.0	1174.0	885.0	-6.7	-14.6	358.8	12.0	0.2	-12.0	276.1	279.9	1.4	53.6	2.1	160.
4.3	17.0	1271.8	874.0	-6.1	-15.3	357.8	12.2	0.5	-12.2	277.7	281.3	1.3	48.3	2.3	161.
4.7	18.0	1362.3	864.0	-3.9	-13.5	354.1	12.4	1.3	-12.3	281.0	285.3	1.6	47.0	2.6	162.
5.1	19.0	1454.3	854.0	-3.1	-14.1	347.8	12.4	2.6	-12.1	282.7	286.9	1.5	42.3	2.9	164.
5.4	20.0	1547.6	844.0	-2.6	-15.3	340.7	12.5	4.1	-11.8	284.1	288.0	1.4	37.0	3.1	164.
5.7	21.0	1661.2	832.0	-2.8	-16.1	336.2	13.3	5.3	-12.1	285.1	288.9	1.3	35.0	3.3	163.
6.1	22.0	1747.3	823.0	-3.1	-15.7	332.8	14.4	6.6	-12.8	285.7	289.6	1.4	37.0	3.6	162.
6.3	23.0	1844.0	813.0	-3.6	-16.8	331.9	14.6	6.9	-12.8	286.2	289.8	1.3	35.0	3.8	162.
6.7	24.0	1941.8	803.0	-3.9	-21.1	330.9	15.0	7.3	-13.1	286.8	289.4	0.9	24.7	4.2	161.
7.1	25.0	2040.7	793.0	-3.6	-24.1	330.7	15.6	7.6	-13.6	288.2	290.2	0.7	18.5	4.5	160.
7.4	26.0	2161.1	781.0	-3.7	-30.9	330.7	16.0	7.8	-14.0	289.2	290.4	0.4	9.9	4.8	160.
7.8	27.0	2252.6	772.0	-3.6	-30.8	330.2	16.4	8.1	-14.2	290.3	291.5	0.4	9.9	5.2	159.
8.2	29.0	2355.6	762.0	-3.4	-30.7	328.9	16.5	8.5	-14.2	291.6	292.8	0.4	9.9	5.6	158.
8.5	29.0	2449.5	753.0	-3.4	-25.5	327.4	16.5	8.9	-13.9	292.6	294.6	0.6	16.1	5.9	158.
8.9	30.0	2555.2	743.0	-3.7	-24.8	323.7	16.3	9.6	-13.1	293.4	295.5	0.7	17.6	6.3	157.
9.2	31.0	2651.3	734.0	-3.9	-24.9	321.1	16.1	10.1	-12.5	294.3	296.4	0.7	17.6	6.6	157.
9.6	32.0	2748.7	725.0	-4.0	-25.0	318.3	16.0	10.6	-11.9	295.1	297.3	0.7	17.6	6.9	155.
9.9	33.0	2847.0	716.0	-4.9	-25.7	317.5	15.9	10.7	-11.7	295.2	297.2	0.7	17.7	7.2	155.
10.2	34.0	2946.3	707.0	-5.7	-26.3	317.7	15.7	10.6	-11.6	295.4	297.3	0.6	17.8	7.5	154.
10.5	35.0	3046.5	698.0	-6.6	-27.0	318.4	15.5	10.3	-11.6	295.5	297.3	0.6	17.8	7.7	153.
10.9	36.0	3170.4	687.0	-7.3	-27.6	319.7	15.5	10.0	-11.8	296.0	297.8	0.6	17.9	8.1	153.
11.3	37.0	3273.0	678.0	-7.9	-28.0	320.0	15.6	10.0	-11.9	296.4	298.2	0.6	18.0	8.4	152.
11.6	38.0	3376.7	669.0	-9.0	-28.8	319.2	15.7	10.3	-11.9	296.4	298.1	0.5	18.1	8.7	152.
11.9	39.0	3481.4	660.0	-9.7	-29.4	317.1	15.9	10.8	-11.6	296.7	298.3	0.5	18.1	9.0	152.
12.3	40.0	3587.2	651.0	-10.4	-30.0	312.5	16.1	11.9	-10.9	297.1	298.6	0.5	18.2	9.4	151.
12.7	41.0	3694.2	642.0	-11.3	-31.5	307.3	16.4	13.0	-9.9	297.3	298.7	0.4	16.9	9.7	150.
13.1	42.0	3814.6	632.0	-11.4	-31.9	302.3	16.5	14.0	-8.8	298.5	299.8	0.4	16.4	10.1	149.
13.4	43.0	3912.2	624.0	-11.8	-32.8	298.9	16.3	14.2	-7.9	299.1	300.3	0.4	15.5	10.4	148.
13.8	44.0	4023.4	615.0	-12.3	-33.2	295.8	15.7	14.2	-6.9	299.8	301.0	0.4	15.5	10.7	147.
14.2	45.0	4123.3	607.0	-13.1	-34.4	294.3	15.5	14.1	-6.4	300.0	301.1	0.3	14.6	11.0	146.
14.6	46.0	4224.2	599.0	-13.7	-34.9	294.3	15.8	14.4	-6.5	300.4	301.5	0.3	14.7	11.3	145.
14.9	47.0	4326.4	591.0	-14.1	-35.2	294.9	16.5	15.0	-6.9	301.1	302.2	0.3	14.7	11.6	144.
15.2	48.0	4429.6	583.0	-15.1	-35.9	295.4	17.4	15.7	-7.5	301.2	302.2	0.3	14.8	11.8	144.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN C AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

7 FEBRUARY 1975  
515 GMT

158 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.6	49.0	4547.0	574.0	-15.9	-36.5	295.9	18.6	16.7	-8.1	301.5	302.5	0.3	14.9	12.2	143.
16.0	50.0	4652.7	566.0	-16.6	-37.0	296.1	19.5	17.5	-8.6	301.9	302.8	0.3	15.0	12.6	142.
16.4	51.0	4773.0	557.0	-17.4	-37.7	295.7	20.0	18.0	-8.7	302.3	303.2	0.3	15.1	13.1	141.
16.8	52.0	4881.2	549.0	-18.1	-38.2	295.3	20.4	18.5	-8.7	302.8	303.6	0.3	15.2	13.5	140.
17.3	53.0	4990.7	541.0	-18.8	-38.7	295.0	21.0	19.1	-8.9	303.2	304.1	0.2	15.2	14.1	139.
17.6	54.0	5101.6	533.0	-19.4	-39.2	294.7	21.3	19.4	-8.9	303.7	304.5	0.2	15.3	14.4	138.
18.0	55.0	5199.7	526.0	-20.1	-39.7	294.1	21.5	19.6	-8.8	304.1	304.8	0.2	15.4	14.9	138.
18.4	56.0	5341.9	516.0	-20.5	-40.0	292.9	21.2	19.6	-8.3	305.2	306.0	0.2	15.4	15.4	137.
18.9	57.0	5442.8	509.0	-21.4	-40.7	290.5	21.0	19.7	-7.4	305.3	306.0	0.2	15.5	16.0	136.
19.2	58.0	5559.5	501.0	-22.1	-41.2	289.0	21.3	20.1	-6.9	305.9	306.6	0.2	15.6	16.3	135.
19.6	59.0	5662.8	494.0	-22.6	-41.7	287.3	22.3	21.3	-6.6	306.5	307.1	0.2	15.7	16.7	134.
20.1	60.0	5782.6	486.0	-22.8	-41.8	286.6	24.4	23.4	-6.9	307.7	308.4	0.2	15.7	17.3	133.
20.5	61.0	5889.0	479.0	-22.8	-41.8	286.4	26.2	25.1	-7.4	309.0	309.7	0.2	15.7	17.9	133.
20.9	62.0	5996.9	472.0	-23.0	-42.0	285.6	27.7	26.7	-7.5	310.0	310.7	0.2	15.7	18.5	132.
21.3	63.0	6106.3	465.0	-23.4	-42.3	284.3	29.8	28.8	-7.4	310.8	311.5	0.2	15.7	19.1	131.
21.7	64.0	6217.3	458.0	-23.4	-42.3	283.0	32.6	31.8	-7.3	312.2	312.9	0.2	15.7	19.7	130.
22.2	65.0	6346.2	450.0	-23.4	-42.3	281.7	37.3	36.5	-7.6	313.7	314.4	0.2	15.7	20.6	128.
22.7	66.0	6477.4	442.0	-23.4	-42.3	281.2	42.0	41.2	-8.1	315.3	316.1	0.2	15.7	21.7	127.
23.1	67.0	6594.0	435.0	-24.1	-42.8	281.0	45.5	44.7	-8.7	315.9	316.7	0.2	15.8	22.7	126.
23.6	68.0	6712.2	428.0	-24.6	-43.2	280.6	49.2	48.4	-9.1	316.7	317.4	0.2	15.9	23.9	124.
24.0	69.0	6832.2	421.0	-24.9	-43.4	279.9	51.3	50.6	-8.8	317.9	318.6	0.2	15.9	25.2	123.
24.4	70.0	6954.0	414.0	-25.4	-43.8	278.6	51.6	51.0	-7.7	318.7	319.4	0.2	16.0	26.3	122.
24.9	71.0	7095.3	406.0	-26.4	-44.5	277.2	50.8	50.4	-6.3	319.3	320.0	0.2	16.1	27.7	121.
25.3	72.0	7220.9	399.0	-27.1	-45.1	276.5	50.1	49.8	-5.7	319.9	320.5	0.2	16.1	28.8	120.
25.7	73.0	7329.8	393.0	-28.2	-45.9	276.2	49.6	49.3	-5.3	319.9	320.5	0.2	16.3	29.9	119.
26.2	74.0	7458.5	386.0	-29.2	-46.8	276.0	49.0	48.7	-5.1	320.2	320.7	0.1	16.4	31.3	118.
26.6	75.0	7570.2	380.0	-30.3	-47.6	275.9	48.4	48.2	-5.0	320.2	320.7	0.1	16.5	32.4	117.
26.9	76.0	7683.3	374.0	-31.0	-48.1	275.8	48.2	48.0	-4.8	320.8	321.3	0.1	16.6	33.2	116.
27.3	77.0	7817.0	367.0	-32.1	-49.0	275.3	49.0	48.8	-4.6	321.0	321.4	0.1	16.7	34.2	116.
27.8	78.0	7933.1	361.0	-33.3	-49.9	274.2	50.3	50.2	-3.7	320.9	321.3	0.1	16.8	35.7	115.
28.2	79.0	8050.7	355.0	-34.0	-50.5	272.8	50.9	50.8	-2.5	321.5	321.9	0.1	16.9	36.8	114.
28.7	80.0	8169.9	349.0	-34.8	-51.1	271.8	51.4	51.4	-1.6	322.0	322.4	0.1	17.0	38.2	113.
29.2	81.0	8310.9	342.0	-36.2	-51.2	272.1	53.0	52.9	-2.0	321.9	322.3	0.1	19.3	39.6	113.
29.6	82.0	8433.5	336.0	-37.3	-52.1	272.8	54.1	54.0	-2.6	322.1	322.4	0.1	19.4	40.7	112.
30.0	83.0	8578.6	329.0	-38.6	-53.2	272.9	53.5	53.4	-2.7	322.2	322.5	0.1	19.5	42.5	111.
30.4	84.0	8683.5	324.0	-39.9	-54.2	272.5	52.0	51.9	-2.2	321.9	322.2	0.1	19.7	43.3	111.
31.0	85.0	8810.8	318.0	-41.3	99.9	272.0	52.5	52.5	-1.9	321.7	999.9	99.9	999.9	44.9	110.
31.6	86.0	8961.6	311.0	-42.4	99.9	269.9	53.7*	53.7	0.1	322.2	999.9	99.9	999.9	47.0	109.
32.0	87.0	9115.0	304.0	-43.6	99.9	268.4	54.1*	54.1	1.5	322.8	999.9	99.9	999.9	48.2	109.
32.4	88.0	9226.3	299.0	-44.5	99.9	269.6	56.7*	56.7	0.4	322.9	999.9	99.9	999.9	49.1	108.
32.9	89.0	9339.1	294.0	-45.0	99.9	271.7	59.0*	58.9	-1.7	323.9	999.9	99.9	999.9	51.0	108.
33.3	90.0	9476.5	288.0	-46.4	99.9	272.4	57.2*	57.2	-2.4	323.8	999.9	99.9	999.9	52.6	107.
33.8	91.0	9616.2	282.0	-46.9	99.9	272.7	54.7*	54.6	-2.6	324.9	999.9	99.9	999.9	54.1	107.
34.3	92.0	9734.4	277.0	-48.1	99.9	273.0	56.5*	56.4	-3.0	324.9	999.9	99.9	999.9	55.3	106.
34.8	93.0	9854.3	272.0	-48.8	99.9	272.7	59.9*	59.9	-2.9	325.5	999.9	99.9	999.9	57.3	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

7 FEBRUARY 1975  
515 GMT

158 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.2	94.0	9975.9	267.0	-49.9	99.9	271.9	60.8*	60.8	-2.1	325.8	999.9	99.9	999.9	58.9	106.
35.7	95.0	10124.1	261.0	-51.4	99.9	271.2	60.7*	60.7	-1.2	325.7	999.9	99.9	999.9	60.4	105.
36.2	96.0	10274.7	255.0	-52.7	99.9	271.5	61.2*	61.2	-1.6	325.8	999.9	99.9	999.9	62.2	105.
36.7	97.0	10376.5	251.0	-53.8	99.9	272.4	59.9*	59.9	-2.5	325.7	999.9	99.9	999.9	64.2	104.
37.3	98.0	10531.7	245.0	-54.6	99.9	274.1	57.3*	57.1	-4.1	326.7	999.9	99.9	999.9	66.0	104.
37.7	99.0	10663.5	240.0	-55.1	99.9	275.3	58.3*	58.0	-5.4	328.0	999.9	99.9	999.9	67.3	104.
38.3	100.0	10797.7	235.0	-55.9	99.9	276.6	62.8*	62.4	-7.2	328.7	999.9	99.9	999.9	69.5	104.
39.0	101.0	10934.5	230.0	-56.1	99.9	276.8	60.4*	60.0	-7.1	330.5	999.9	99.9	999.9	72.3	103.
39.6	102.0	11074.0	225.0	-56.9	99.9	273.3	44.4*	44.3	-2.6	331.3	999.9	99.9	999.9	74.8	103.
40.1	103.0	11216.2	220.0	-57.2	99.9	268.0	37.0*	37.0	1.3	333.0	999.9	99.9	999.9	75.0	103.
40.6	104.0	11361.6	215.0	-57.2	99.9	264.5	38.9*	38.7	3.7	335.1	999.9	99.9	999.9	76.1	103.
41.0	105.0	11480.5	211.0	-57.1	99.9	262.0	40.1*	39.7	5.6	337.2	999.9	99.9	999.9	77.6	103.
41.5	106.0	11601.6	207.0	-56.9	99.9	258.7	37.1*	36.4	7.2	339.3	999.9	99.9	999.9	78.4	102.
42.1	107.0	11757.0	202.0	-55.6	99.9	264.2	44.0*	43.8	4.5	343.8	999.9	99.9	999.9	79.4	102.
42.7	108.0	11884.8	198.0	-54.3	99.9	271.0	59.6*	59.6	-1.1	347.8	999.9	99.9	999.9	81.1	102.
43.2	109.0	12049.2	193.0	-53.1	99.9	273.6	64.0*	63.8	-4.0	352.3	999.9	99.9	999.9	83.6	101.
43.8	110.0	12184.5	189.0	-52.1	99.9	275.0	55.3*	55.1	-4.8	355.9	999.9	99.9	999.9	85.8	101.
44.4	111.0	12358.2	184.0	-52.0	99.9	276.5	51.0*	50.7	-5.8	358.9	999.9	99.9	999.9	87.3	101.
44.9	112.0	12500.3	180.0	-52.9	99.9	276.6	57.6*	57.2	-6.6	359.7	999.9	99.9	999.9	88.4	101.
45.3	113.0	12644.8	176.0	-54.3	99.9	275.1	59.2*	58.9	-5.3	359.7	999.9	99.9	999.9	90.6	101.
45.8	114.0	12791.8	172.0	-55.3	99.9	272.7	52.4*	52.4	-2.5	360.5	999.9	99.9	999.9	92.5	101.
46.3	115.0	12942.0	168.0	-55.3	99.9	271.6	42.9*	42.8	-1.2	362.9	999.9	99.9	999.9	93.6	101.
46.9	116.0	13134.5	163.0	-55.9	99.9	274.0	37.0*	36.9	-2.6	365.0	999.9	99.9	999.9	94.9	101.
47.3	117.0	13292.3	159.0	-56.7	99.9	275.7	34.5*	34.4	-3.4	366.2	999.9	99.9	999.9	95.8	100.
47.9	118.0	13453.4	155.0	-57.9	99.9	276.9	30.5*	30.3	-3.7	366.9	999.9	99.9	999.9	97.0	100.
48.5	119.0	13576.3	152.0	-59.3	99.9	276.5	29.0*	28.8	-3.3	366.6	999.9	99.9	999.9	97.9	100.
49.1	120.0	13743.3	148.0	-59.4	99.9	276.5	29.9*	29.7	-3.4	369.1	999.9	99.9	999.9	99.0	100.
49.7	121.0	13914.8	144.0	-59.4	99.9	275.6	29.8*	29.7	-2.9	372.0	999.9	99.9	999.9	100.1	100.
50.3	122.0	14046.4	141.0	-60.0	99.9	272.3	30.0*	30.0	-1.2	373.4	999.9	99.9	999.9	101.2	100.
50.9	123.0	14225.9	137.0	-60.7	99.9	270.7	33.4*	33.4	-0.4	375.2	999.9	99.9	999.9	102.3	100.
51.6	124.0	14363.4	134.0	-61.5	99.9	274.1	44.5*	44.4	-3.2	376.0	999.9	99.9	999.9	103.5	100.
52.2	125.0	14503.8	131.0	-61.4	99.9	277.1	57.2*	56.8	-7.0	378.8	999.9	99.9	999.9	105.5	100.
53.2	126.0	14744.7	126.0	-62.3	99.9	275.9	60.6*	60.3	-6.2	381.4	999.9	99.9	999.9	109.8	100.
53.9	127.0	14893.3	123.0	-63.0	99.9	273.0	52.6*	52.5	-2.9	382.7	999.9	99.9	999.9	112.0	100.
54.6	128.0	15045.2	120.0	-63.2	99.9	272.4	50.3*	50.3	-2.2	385.0	999.9	99.9	999.9	113.7	100.
55.2	129.0	15200.9	117.0	-63.2	99.9	273.0	45.5*	45.4	-2.4	387.8	999.9	99.9	999.9	115.9	99.
55.8	130.0	15360.6	114.0	-63.4	99.9	273.9	39.8*	39.7	-2.7	390.4	999.9	99.9	999.9	117.2	99.
56.4	131.0	15579.5	110.0	-64.3	99.9	275.2	38.3*	38.1	-3.5	392.6	999.9	99.9	999.9	118.6	99.
57.0	132.0	15748.2	107.0	-65.5	99.9	276.1	39.2*	39.0	-4.2	393.5	999.9	99.9	999.9	119.8	99.
57.6	133.0	15979.2	103.0	-66.9	99.9	275.7	38.1*	37.9	-3.8	395.2	999.9	99.9	999.9	121.4	99.
58.2	134.0	16157.4	100.0	-67.7	99.9	276.2	33.9*	33.7	-3.7	396.9	999.9	99.9	999.9	122.7	99.
58.9	135.0	16340.7	97.0	-67.7	99.9	278.4	28.6*	28.3	-4.2	400.4	999.9	99.9	999.9	124.0	99.
59.8	136.0	16529.8	94.0	-67.7	99.9	277.5	26.4*	26.2	-3.5	404.0	999.9	99.9	999.9	125.4	99.
60.7	137.0	16724.8	91.0	-67.9	99.9	273.6	30.5*	30.4	-1.9	407.4	999.9	99.9	999.9	126.8	99.
61.6	138.0	16994.9	87.0	-68.1	99.9	273.3	33.6*	33.6	-2.0	412.2	999.9	99.9	999.9	128.7	99.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

7 FEBRUARY 1975  
515 GMT

158 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.3	139.0	17205.7	84.0	-68.1	99.9	274.5	32.4*	32.3	-2.6	416.4	999.9	99.9	999.9	130.1	99.
63.2	140.0	17424.6	81.0	-67.1	99.9	274.4	32.5*	32.4	-2.5	422.8	999.9	99.9	999.9	131.7	99.
64.2	141.0	17731.5	77.0	-65.5	99.9	278.6	32.0*	31.7	-4.8	432.3	999.9	99.9	999.9	133.8	99.
65.2	142.0	17973.0	74.0	-65.9	99.9	283.6	30.8*	29.9	-7.2	436.5	999.9	99.9	999.9	135.6	99.
66.1	143.0	18223.9	71.0	-66.5	99.9	280.8	33.3*	32.8	-6.2	440.4	999.9	99.9	999.9	137.3	99.
67.0	144.0	18484.9	68.0	-67.1	99.9	279.0	37.3*	36.9	-5.8	444.5	999.9	99.9	999.9	139.1	99.
68.0	145.0	18850.8	64.0	-67.1	99.9	276.6	31.4*	31.2	-3.6	452.3	999.9	99.9	999.9	141.6	99.
69.1	146.0	19042.2	62.0	-67.5	99.9	271.4	30.0*	30.0	-0.7	455.5	999.9	99.9	999.9	143.1	99.
70.3	147.0	19447.8	58.0	-63.6	99.9	270.5	19.5*	19.5	-0.2	473.2	999.9	99.9	999.9	145.8	99.
71.4	148.0	19774.3	55.0	-63.0	99.9	201.6	5.3*	1.9	4.9	481.7	999.9	99.9	999.9	146.2	99.
72.5	149.0	20002.0	53.0	-63.6	99.9	239.9	13.7*	11.8	0.9	485.5	999.9	99.9	999.9	146.0	99.
73.7	150.0	20360.2	50.0	-63.0	99.9	252.8	15.0*	14.3	1.4	495.0	999.9	99.9	999.9	146.7	98.
75.0	151.0	20741.0	47.0	-63.0	99.9	263.9	18.5*	18.4	2.0	503.9	999.9	99.9	999.9	147.4	98.
76.1	152.0	21147.2	44.0	-62.8	99.9	271.1	38.5*	38.5	-0.7	513.9	999.9	99.9	999.9	150.1	98.
77.3	153.0	21581.1	41.0	-63.9	99.9	270.3	37.1*	37.1	-0.2	521.6	999.9	99.9	999.9	152.9	98.
78.7	154.0	22046.1	38.0	-64.5	99.9	261.8	10.9*	10.8	1.6	531.6	999.9	99.9	999.9	155.2	98.
80.3	155.0	22551.6	35.0	-62.1	99.9	146.5	4.7*	-2.6	4.0	550.6	999.9	99.9	999.9	154.6	98.
81.9	156.0	23104.9	32.0	-62.6	99.9	267.3	14.7*	14.7	0.7	563.4	999.9	99.9	999.9	155.6	98.
84.0	157.0	23715.0	29.0	-60.5	99.9	267.4	30.0*	30.0	1.4	585.4	999.9	99.9	999.9	157.7	97.
86.1	158.0	24394.4	26.0	-61.0	99.9	266.6	16.6*	16.6	1.0	602.5	999.9	99.9	999.9	161.5	97.
88.2	159.0	25153.7	23.0	-62.5	99.9	270.5	30.9*	30.9	-0.3	619.8	999.9	99.9	999.9	164.6	97.
90.7	160.0	26017.4	20.0	-61.9	99.9	257.7	18.1*	17.7	3.9	646.7	999.9	99.9	999.9	166.3	97.
93.8	161.0	27028.9	17.0	-59.4	99.9	999.9	99.9	99.9	99.9	685.4	999.9	99.9	999.9	999.9	999.

STATION NO. 248  
SHREVEPORT, LA

7 FEBRUARY 1975  
1115 GMT

155 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	79.0	1018.0	-5.0	-10.0	340.0	3.6	1.2	-5.4	267.0	271.5	1.8	68.0	0.0	0.
0.1	5.0	133.2	1011.0	-5.1	-9.7	9.4	5.8	-1.0	-5.8	267.5	272.2	1.9	71.7	0.1	161.
0.7	6.0	242.8	997.0	-5.4	-9.1	4.0	5.8	-0.4	-5.8	268.2	273.2	1.9	75.1	0.2	170.
1.0	7.0	337.7	985.0	-6.4	-10.3	355.9	5.8	0.4	-5.8	268.1	272.7	1.8	74.0	0.3	177.
1.3	8.0	433.5	973.0	-6.9	-10.3	351.5	6.7	1.0	-6.6	268.6	273.2	1.8	76.3	0.4	173.
1.7	9.0	522.0	962.0	-7.9	-11.7	351.3	7.0	1.1	-6.9	268.4	272.6	1.6	74.3	0.6	172.
1.9	10.0	611.3	951.0	-8.8	-13.6	353.7	6.8	0.7	-6.7	268.3	272.0	1.4	68.1	0.7	172.
2.3	11.0	726.6	937.0	-7.2	-13.3	353.7	5.4	0.6	-5.4	271.1	274.9	1.4	59.1	0.8	173.
2.7	12.0	810.5	927.0	-5.4	-14.0	348.6	4.8	0.9	-4.7	273.8	277.6	1.4	50.5	0.9	173.
3.0	13.0	913.0	915.0	-4.6	-13.9	343.3	5.1	1.5	-4.9	275.6	279.5	1.4	48.3	1.0	172.
3.3	14.0	999.6	905.0	-4.0	-14.5	342.6	6.7	2.0	-6.4	277.1	280.8	1.4	43.7	1.1	171.
3.6	15.0	1096.2	894.0	-2.8	-19.1	342.6	8.3	2.5	-7.9	279.3	281.9	0.9	27.1	1.3	170.
4.0	16.0	1212.6	881.0	-1.1	-31.0	343.2	10.8	3.1	-10.3	282.1	283.1	0.3	8.1	1.5	169.
4.3	17.0	1313.0	870.0	-0.3	-23.1	343.7	10.5	2.9	-10.1	284.0	286.0	0.7	15.9	1.7	168.
4.6	18.0	1414.7	859.0	-0.3	-25.0	344.6	10.2	2.7	-9.9	285.1	286.8	0.6	13.3	1.9	168.
5.0	19.0	1508.3	849.0	-0.3	-19.4	346.4	10.1	2.4	-9.8	286.1	288.9	1.0	22.0	2.1	168.
5.3	20.0	1612.6	838.0	-0.4	-20.9	347.5	10.9	2.4	-10.7	286.9	289.5	0.9	19.7	2.3	168.
5.7	21.0	1737.4	825.0	-1.1	-22.1	347.7	11.9	2.5	-11.6	287.6	289.9	0.8	10.3	2.6	168.
6.1	22.0	1834.5	815.0	-1.7	-22.9	346.2	12.7	3.0	-12.4	287.9	290.1	0.7	17.9	2.9	168.
6.4	23.0	1932.7	805.0	-1.9	-21.6	343.5	13.7	3.9	-13.2	288.7	291.2	0.8	20.3	3.1	168.
6.8	24.0	2032.0	795.0	-2.2	-23.3	338.1	14.3	5.3	-13.3	289.4	291.5	0.7	17.0	3.4	167.
7.1	25.0	2132.5	785.0	-2.3	-23.7	334.1	14.5	6.4	-13.1	290.3	292.5	0.7	17.5	3.7	166.
7.5	26.0	2264.8	772.0	-3.0	-24.2	329.4	14.7	7.5	-12.7	291.0	293.1	0.7	17.5	4.1	165.
7.8	27.0	2368.0	762.0	-3.3	-24.4	326.7	14.7	8.2	-12.2	291.8	293.9	0.7	17.6	4.3	164.
8.2	28.0	2472.4	752.0	-3.7	-24.8	322.0	14.7	9.1	-11.6	292.4	294.5	0.7	17.6	4.6	162.
8.5	29.0	2567.3	743.0	-4.3	-25.2	319.0	14.8	9.7	-11.1	292.7	294.7	0.7	17.7	4.9	161.
8.8	30.0	2674.0	733.0	-4.5	-25.4	316.2	14.8	10.2	-10.7	293.7	295.7	0.7	17.7	5.1	160.
9.2	31.0	2782.1	723.0	-4.6	-27.1	313.0	14.9	10.9	-10.2	294.7	296.4	0.6	15.3	5.5	158.
9.5	32.0	2880.6	714.0	-4.9	-27.3	310.9	15.0	11.3	-9.8	295.4	297.2	0.6	15.3	5.7	157.
9.9	33.0	2991.3	704.0	-5.7	-27.7	309.6	15.6	12.0	-9.9	295.7	297.4	0.5	15.4	6.0	155.
10.2	34.0	3092.0	695.0	-6.4	-28.4	309.3	16.2	12.5	-10.2	296.0	297.6	0.5	15.4	6.3	154.
10.6	35.0	3205.1	685.0	-7.2	-29.0	309.3	16.9	13.1	-10.7	296.4	298.0	0.5	15.5	6.6	153.
11.0	36.0	3331.1	674.0	-7.9	-29.6	309.1	17.4	13.5	-11.0	296.9	298.5	0.5	15.6	7.1	152.
11.3	37.0	3435.4	665.0	-8.7	-30.1	308.5	17.5	13.7	-10.9	297.3	298.7	0.5	15.6	7.3	151.
11.7	38.0	3552.7	655.0	-9.2	-30.6	307.8	17.7	14.0	-10.8	297.9	299.3	0.5	15.7	7.7	149.
12.0	39.0	3659.5	646.0	-10.0	-31.1	307.4	17.9	14.2	-10.9	298.2	299.7	0.4	15.8	8.0	148.
12.4	40.0	3755.4	638.0	-11.0	-31.3	307.0	18.4	14.7	-11.1	298.2	299.5	0.4	15.8	8.4	147.
12.8	41.0	3888.9	627.0	-11.5	-32.3	306.3	18.6	15.0	-11.0	299.0	300.3	0.4	15.9	8.9	146.
13.1	42.0	3999.6	618.0	-12.0	-32.6	305.7	18.6	15.1	-10.8	299.7	301.0	0.4	15.9	9.2	146.
13.5	43.0	4099.2	610.0	-12.4	-33.0	304.9	18.5	15.2	-10.6	300.4	301.6	0.4	16.0	9.5	145.
13.9	44.0	4225.3	600.0	-13.1	-33.5	304.7	18.9	15.5	-10.8	301.0	302.2	0.4	16.0	10.0	144.
14.2	45.0	4327.5	592.0	-13.5	-33.8	304.5	19.5	16.1	-11.1	301.6	302.8	0.4	16.1	10.3	143.
14.6	46.0	4444.0	583.0	-13.8	-34.0	303.9	20.7	17.1	-11.5	302.6	303.8	0.4	16.1	10.7	142.
14.9	47.0	4548.9	575.0	-14.2	-34.4	303.2	21.6	18.1	-11.8	303.3	304.5	0.4	16.1	11.1	142.
15.2	48.0	4655.1	567.0	-14.5	-34.5	302.2	22.5	19.0	-12.0	304.2	305.4	0.4	16.2	11.5	141.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 248  
SHREVEPORT, LA

7 FEBRUARY 1975  
1115 GMT

155 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.6	49.0	4762.7	559.0	-15.2	-35.1	300.7	23.5	20.2	-12.0	304.7	305.8	0.3	16.2	12.0	140.
15.9	50.0	4885.2	550.0	-15.9	-35.7	299.5	24.1	21.0	-11.9	305.2	306.4	0.3	16.3	12.5	140.
16.4	51.0	5023.3	540.0	-16.6	-36.2	296.9	25.3	22.5	-11.4	306.0	307.1	0.3	16.4	13.1	139.
16.8	52.0	5135.3	532.0	-17.4	-36.8	295.2	26.9	24.3	-11.4	306.4	307.4	0.3	16.4	13.7	138.
17.1	53.0	5248.7	524.0	-17.8	-37.1	294.6	28.4	25.8	-11.8	307.2	308.2	0.3	16.5	14.1	137.
17.5	54.0	5349.3	517.0	-18.2	-37.4	294.8	30.9	28.1	-13.0	307.9	308.9	0.3	16.5	14.7	136.
17.8	55.0	5480.3	508.0	-18.6	-37.8	295.6	32.7	29.5	-14.1	308.9	309.9	0.3	16.6	15.3	135.
18.2	56.0	5613.5	499.0	-19.1	-38.1	296.3	34.6	31.0	-15.4	309.9	310.8	0.3	16.6	16.1	134.
18.6	57.0	5733.5	491.0	-20.4	-39.1	296.7	36.0	32.2	-16.1	309.8	310.7	0.3	16.7	16.9	133.
19.0	58.0	5854.8	483.0	-21.7	-40.2	296.4	36.9	33.1	-16.4	309.6	310.4	0.2	16.8	17.8	132.
19.4	59.0	5962.4	476.0	-21.4	-40.0	295.4	37.4	33.8	-16.1	311.2	312.1	0.2	16.8	18.6	131.
19.8	60.0	6071.5	469.0	-22.0	-40.4	294.1	38.2	34.9	-15.6	311.9	312.7	0.2	16.9	19.5	131.
20.1	61.0	6197.8	461.0	-23.0	-41.2	293.2	39.2	36.0	-15.5	312.1	312.9	0.2	17.0	20.2	130.
20.5	62.0	6326.0	453.0	-23.3	-41.9	292.5	41.6	38.4	-15.9	313.3	314.1	0.2	17.0	20.9	129.
20.9	63.0	6439.9	446.0	-24.0	-42.0	292.8	44.6	41.1	-17.3	313.9	314.6	0.2	17.1	22.0	129.
21.2	64.0	6555.2	439.0	-24.4	-42.7	293.1	45.8	42.1	-18.0	314.8	315.5	0.2	17.1	22.9	128.
21.6	65.0	6688.9	431.0	-25.6	-43.2	293.4	46.1	42.3	-18.3	314.9	315.6	0.2	17.2	24.0	127.
22.0	66.0	6841.8	422.0	-26.2	-43.7	293.5	44.5	40.8	-17.7	316.0	316.6	0.2	17.3	25.2	127.
22.4	67.0	6945.0	416.0	-27.9	-45.1	293.6	42.6	39.0	-17.1	315.1	315.6	0.2	17.4	26.0	126.
22.8	68.0	7066.8	409.0	-28.6	-45.6	294.2	41.9	38.2	-17.2	315.7	316.3	0.2	17.5	27.0	126.
23.3	69.0	7225.7	400.0	-29.9	-46.7	295.4	42.7	38.5	-18.3	316.0	316.6	0.1	17.6	28.2	125.
23.7	70.0	7351.2	393.0	-31.0	-47.5	296.5	44.1	39.5	-19.7	316.3	316.7	0.1	17.7	29.2	125.
24.1	71.0	7496.8	385.0	-31.9	-48.3	297.4	45.4	40.3	-20.9	316.9	317.4	0.1	17.8	30.4	125.
24.5	72.0	7626.1	378.0	-33.2	-49.3	298.0	45.5	40.2	-21.3	316.8	317.2	0.1	17.9	31.3	124.
25.0	73.0	7757.3	371.0	-34.0	-50.0	297.8	43.6	38.6	-20.3	317.5	317.8	0.1	18.0	33.1	124.
25.5	74.0	7871.2	365.0	-35.2	-50.9	297.2	43.7	38.9	-20.0	317.3	317.7	0.1	18.1	33.8	124.
25.9	75.0	7986.5	359.0	-36.3	-51.9	296.5	46.1	41.2	-20.5	317.4	317.7	0.1	18.2	35.0	124.
26.3	76.0	8122.8	352.0	-37.1	-52.5	295.0	47.6	43.1	-20.1	318.1	318.4	0.1	18.3	36.3	124.
26.7	77.0	8241.3	346.0	-38.6	-53.7	293.0	47.9	44.0	-18.7	317.6	317.9	0.1	18.4	37.5	123.
27.1	78.0	8381.5	339.0	-39.4	-54.2	290.8	47.3	44.2	-16.8	318.4	318.7	0.1	18.5	38.5	123.
27.5	79.0	8483.0	334.0	-40.7	-55.9	288.8	46.8	44.3	-15.1	318.2	999.9	99.9	999.9	39.6	123.
27.9	80.0	8626.8	327.0	-41.9	-57.9	287.5	46.5	44.3	-14.0	318.4	999.9	99.9	999.9	40.7	122.
28.5	81.0	8772.8	320.0	-43.7	-59.9	286.2	46.7	44.9	-13.0	317.8	999.9	99.9	999.9	42.3	122.
28.9	82.0	8899.7	314.0	-44.7	-61.9	285.6	47.7	46.0	-12.8	318.2	999.9	99.9	999.9	43.3	121.
29.2	83.0	9028.5	308.0	-46.0	-63.9	284.6	47.7	46.2	-12.0	318.1	999.9	99.9	999.9	44.2	121.
29.6	84.0	9159.0	302.0	-47.2	-65.9	282.6	47.0	45.9	-10.2	318.3	999.9	99.9	999.9	45.5	120.
29.9	85.0	9291.7	296.0	-47.8	-67.9	280.4	45.9	45.1	-8.3	319.3	999.9	99.9	999.9	46.3	120.
30.6	86.0	9426.7	290.0	-48.5	-69.9	277.7	47.4	47.0	-6.4	320.1	999.9	99.9	999.9	47.7	119.
31.1	87.0	9564.1	284.0	-48.9	-71.9	278.6	50.3	49.7	-7.5	321.4	999.9	99.9	999.9	49.3	119.
31.6	88.0	9704.1	278.0	-49.8	-73.9	280.2	52.4*	51.6	-9.3	322.1	999.9	99.9	999.9	50.8	118.
32.1	89.0	9822.8	273.0	-49.8	-75.9	281.5	55.1*	54.0	-10.9	323.7	999.9	99.9	999.9	52.1	117.
32.5	90.0	9968.2	267.0	-49.7	-77.9	281.7	57.2*	56.0	-11.5	326.0	999.9	99.9	999.9	53.6	117.
32.9	91.0	10091.6	262.0	-50.7	-79.9	280.9	55.8*	54.8	-10.5	326.2	999.9	99.9	999.9	55.1	117.
33.4	92.0	10216.9	257.0	-51.5	-81.9	280.1	51.6*	50.8	-9.0	326.9	999.9	99.9	999.9	56.5	116.
33.7	93.0	10344.3	252.0	-52.0	-83.9	280.1	49.0*	48.3	-8.6	328.0	999.9	99.9	999.9	57.4	116.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

7 FEBRUARY 1975  
1115 GMT

155 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.1	94.0	10473.8	247.0	-53.2	99.9	280.8	46.3*	45.5	-8.7	328.1	999.9	99.9	999.9	58.5	116.
34.4	95.0	10605.3	242.0	-53.9	99.9	281.7	45.4*	44.4	-9.2	329.0	999.9	99.9	999.9	59.2	115.
35.0	96.0	10793.3	235.0	-55.2	99.9	283.8	45.8*	44.5	-10.9	329.9	999.9	99.9	999.9	60.9	115.
35.5	97.0	10902.6	231.0	-56.3	99.9	284.5	47.7*	46.1	-11.9	329.7	999.9	99.9	999.9	62.1	115.
35.9	98.0	11041.4	226.0	-57.0	99.9	283.4	48.0*	46.7	-11.1	330.8	999.9	99.9	999.9	63.3	115.
36.4	99.0	11183.1	221.0	-57.0	99.9	280.2	47.3*	46.5	-8.4	332.9	999.9	99.9	999.9	64.9	114.
36.7	100.0	11328.3	216.0	-55.8	99.9	277.7	47.3*	46.9	-6.3	336.9	999.9	99.9	999.9	65.6	114.
37.3	101.0	11477.7	211.0	-55.7	99.9	272.6	48.4*	48.4	-2.2	340.2	999.9	99.9	999.9	67.1	114.
37.7	102.0	11630.8	206.0	-55.2	99.9	269.6	48.3*	48.3	0.3	342.5	999.9	99.9	999.9	68.4	113.
38.2	103.0	11756.1	202.0	-54.8	99.9	266.6	46.0*	45.9	2.7	345.0	999.9	99.9	999.9	69.6	113.
38.7	104.0	11916.2	197.0	-55.2	99.9	264.4	42.5*	42.3	4.1	346.9	999.9	99.9	999.9	70.7	112.
39.3	105.0	12047.5	193.0	-55.0	99.9	263.3	40.4*	40.2	4.7	349.2	999.9	99.9	999.9	72.1	112.
39.8	106.0	12214.8	188.0	-55.5	99.9	265.3	45.1*	44.9	3.7	351.1	999.9	99.9	999.9	72.9	111.
40.4	107.0	12352.4	184.0	-54.0	99.9	268.9	56.1*	56.1	1.1	355.6	999.9	99.9	999.9	74.4	111.
40.9	108.0	12493.5	180.0	-53.9	99.9	268.8	57.8*	57.8	1.3	358.1	999.9	99.9	999.9	76.7	110.
41.6	109.0	12637.8	176.0	-54.0	99.9	264.4	46.3*	46.0	4.5	360.1	999.9	99.9	999.9	78.7	110.
42.2	110.0	12785.4	172.0	-53.7	99.9	265.3	41.5*	41.4	3.4	363.0	999.9	99.9	999.9	79.7	109.
42.8	111.0	12975.2	167.0	-53.2	99.9	273.1	44.7*	44.6	-2.4	366.9	999.9	99.9	999.9	81.3	109.
43.3	112.0	13131.2	163.0	-53.7	99.9	279.1	49.1*	48.5	-7.8	368.7	999.9	99.9	999.9	82.5	109.
43.9	113.0	13290.5	159.0	-54.8	99.9	283.2	53.2*	51.8	-12.3	369.4	999.9	99.9	999.9	84.4	108.
44.3	114.0	13453.1	155.0	-55.7	99.9	284.7	50.6*	49.0	-12.8	370.7	999.9	99.9	999.9	86.0	108.
44.7	115.0	13577.3	152.0	-57.0	99.9	285.4	44.8*	43.2	-11.9	370.5	999.9	99.9	999.9	87.2	108.
45.3	116.0	13788.1	147.0	-58.9	99.9	284.5	37.0*	35.8	-5.3	370.8	999.9	99.9	999.9	88.4	108.
46.0	117.0	13961.2	143.0	-59.1	99.9	281.9	39.1*	38.2	-8.1	373.4	999.9	99.9	999.9	89.5	108.
46.7	118.0	14138.7	139.0	-60.1	99.9	281.1	43.5*	42.7	-8.3	374.6	999.9	99.9	999.9	91.6	108.
47.2	119.0	14274.7	136.0	-60.6	99.9	279.9	42.7*	42.1	-7.4	376.0	999.9	99.9	999.9	92.9	108.
47.9	120.0	14460.4	132.0	-60.8	99.9	274.6	38.0*	37.9	-3.1	378.9	999.9	99.9	999.9	94.7	108.
48.4	121.0	14603.1	129.0	-61.6	99.9	270.7	39.3*	39.3	-0.5	380.1	999.9	99.9	999.9	95.6	108.
49.0	122.0	14798.1	125.0	-62.1	99.9	270.5	44.7*	44.7	-0.4	392.5	999.9	99.9	999.9	96.8	107.
49.5	123.0	14948.1	122.0	-62.5	99.9	270.5	43.0*	43.0	-0.4	384.5	999.9	99.9	999.9	98.8	107.
50.1	124.0	15101.3	119.0	-63.8	99.9	267.3	34.8*	34.7	0.6	384.8	999.9	99.9	999.9	99.8	107.
50.7	125.0	15257.5	116.0	-64.8	99.9	266.4	31.1*	31.0	2.0	385.8	999.9	99.9	999.9	100.8	107.
51.5	126.0	15470.8	112.0	-66.4	99.9	272.0	32.9*	32.9	-1.2	386.7	999.9	99.9	999.9	102.1	106.
52.1	127.0	15650.8	108.0	-66.8	99.9	272.4	34.5*	34.5	-1.4	390.0	999.9	99.9	999.9	103.5	106.
52.7	128.0	15860.9	105.0	-67.2	99.9	272.1	35.4*	35.4	-1.3	392.3	999.9	99.9	999.9	104.6	106.
53.2	129.0	16035.8	102.0	-67.2	99.9	274.9	36.0*	35.8	-3.1	395.6	999.9	99.9	999.9	105.7	106.
53.7	130.0	16215.4	99.0	-68.3	99.9	277.9	35.7*	35.3	-4.9	396.9	999.9	99.9	999.9	106.8	106.
54.4	131.0	16461.6	95.0	-70.3	99.9	278.0	32.3*	32.0	-4.5	397.8	999.9	99.9	999.9	108.3	106.
55.1	132.0	16652.1	92.0	-70.7	99.9	277.9	28.7*	28.4	-2.9	400.5	999.9	99.9	999.9	109.5	106.
55.7	133.0	16782.1	90.0	-71.9	99.9	278.8	29.1*	28.8	-4.5	400.7	999.9	99.9	999.9	110.4	106.
56.3	134.0	16982.0	87.0	-71.7	99.9	278.3	30.4*	30.1	-4.4	405.1	999.9	99.9	999.9	111.5	106.
57.0	135.0	17190.2	84.0	-69.6	99.9	276.8	29.0*	28.8	-3.4	413.4	999.9	99.9	999.9	112.9	105.
57.9	136.0	17407.4	81.0	-68.9	99.9	281.8	28.3*	27.7	-5.8	419.0	999.9	99.9	999.9	114.2	105.
58.9	137.0	17710.1	77.0	-69.2	99.9	281.5	30.1*	29.5	-6.0	424.7	999.9	99.9	999.9	116.1	105.
59.7	138.0	17946.8	74.0	-70.5	99.9	281.7	29.1*	28.5	-5.9	426.7	999.9	99.9	999.9	117.5	105.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248  
SHREVEPORT, LA

7 FEBRUARY 1975  
1115 GMT

155 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
60.7	139.0	18193.0	71.0	-69.6	99.9	282.2	32.0*	31.3	-6.8	433.7	999.9	99.9	999.9	119.2	105.
61.6	140.0	18538.9	67.0	-69.4	99.9	281.6	33.2*	32.5	-6.7	441.5	999.9	99.9	999.9	121.2	105.
62.6	141.0	18815.3	64.0	-65.0	99.9	281.6	31.2*	30.5	-6.2	456.9	999.9	99.9	999.9	123.0	105.
63.5	142.0	19107.6	61.0	-65.6	99.9	276.4	30.7*	30.5	-3.4	461.9	999.9	99.9	999.9	124.7	105.
64.6	143.0	19416.0	58.0	-63.2	99.9	282.6	28.4*	27.8	-6.2	473.9	999.9	99.9	999.9	126.6	105.
65.8	144.0	19741.4	55.0	-64.6	99.9	279.2	28.5*	28.2	-4.6	478.1	999.9	99.9	999.9	128.6	105.
67.0	145.0	20084.4	52.0	-64.2	99.9	271.3	30.8*	30.8	-0.7	486.7	999.9	99.9	999.9	130.7	105.
68.2	146.0	20448.3	49.0	-64.0	99.9	270.0	18.5*	18.5	-0.0	495.5	999.9	99.9	999.9	132.9	105.
69.7	147.0	20937.4	46.0	-61.7	99.9	257.0	8.5*	8.2	1.9	510.0	999.9	99.9	999.9	133.8	104.
71.2	148.0	21254.1	43.0	-62.7	99.9	272.9	10.7*	10.7	-0.6	517.7	999.9	99.9	999.9	133.4	104.
72.8	149.0	21697.5	40.0	-65.0	99.9	273.7	16.4*	16.3	-1.1	522.7	999.9	99.9	999.9	136.1	104.
74.4	150.0	22172.2	37.0	-65.6	99.9	270.9	24.3*	24.3	-0.4	532.9	999.9	99.9	999.9	137.4	104.
76.5	151.0	22688.0	34.0	-64.2	99.9	256.5	9.9*	9.7	2.3	549.6	999.9	99.9	999.9	138.9	104.
79.5	152.0	23253.3	31.0	-64.2	99.9	243.6	14.8*	13.3	6.6	564.3	999.9	99.9	999.9	140.7	103.
80.8	153.0	23878.8	28.0	-62.5	99.9	264.6	13.9*	13.9	1.3	585.8	999.9	99.9	999.9	142.8	103.
83.3	154.0	24583.6	25.0	-59.2	99.9	238.3	16.1*	13.7	8.5	614.4	999.9	99.9	999.9	144.4	102.
86.0	155.0	25381.6	22.0	-60.8	99.9	266.0	21.6*	21.5	1.5	632.5	999.9	99.9	999.9	146.8	102.
88.8	156.0	26294.2	19.0	-60.5	99.9	258.9	13.5*	13.2	2.6	660.7	999.9	99.9	999.9	150.8	102.
92.5	157.0	27378.1	16.0	-55.2	99.9	267.7	28.2*	28.2	1.2	711.3	999.9	99.9	999.9	156.0	101.
96.6	159.0	28718.3	13.0	-50.4	99.9	999.9	99.9	99.9	99.9	771.2	999.9	99.9	999.9	999.9	999.

STATION NO. 255  
VICTORIA, TEX

5 FEBRUARY 1975  
2315 GMT

151 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	33.0	1011.3	19.0	10.0	20.0	7.2	-2.5	-6.8	292.2	312.5	7.7	56.0	0.0	0.
0.1	5.0	52.5	1009.0	18.1	9.9	332.8	2.0	0.9	-1.8	291.5	311.6	7.6	58.8	0.4	194.
0.7	6.0	172.0	995.0	16.9	9.2	359.3	3.0	0.0	-3.0	291.4	310.8	7.4	60.4	0.4	192.
1.0	7.0	275.5	983.0	16.3	9.0	14.4	5.0	-1.2	-4.8	291.8	311.3	7.4	62.0	0.4	189.
1.3	8.0	379.9	971.0	15.3	8.8	25.2	6.5	-2.8	-5.9	291.9	311.3	7.3	65.1	0.6	193.
1.7	9.0	485.3	959.0	14.7	9.1	36.4	6.9	-4.1	-5.6	292.3	312.4	7.6	65.0	0.7	197.
2.1	10.0	582.9	948.0	13.9	9.2	52.1	5.9	-4.7	-3.7	292.5	313.0	7.8	73.3	0.9	201.
2.6	11.0	708.3	934.0	12.8	8.9	70.8	5.4	-5.1	-1.8	292.6	312.9	7.7	77.3	1.0	208.
2.9	12.0	807.9	923.0	11.8	8.7	85.9	4.6	-4.6	-0.3	292.6	313.0	7.7	81.2	1.1	212.
3.4	13.0	908.3	912.0	11.5	8.3	109.5	4.2	-4.0	1.4	293.2	313.2	7.6	80.6	1.1	218.
3.7	14.0	1009.9	901.0	10.9	7.2	121.6	3.1	-2.7	1.6	293.6	312.6	7.1	78.0	1.1	222.
4.0	15.0	1112.2	890.0	9.8	2.9	149.7	1.8	-0.9	1.5	293.3	307.6	5.3	61.9	1.2	225.
4.5	16.0	1244.5	876.0	12.0	-8.0	235.2	3.2	2.6	1.8	296.5	303.4	2.4	23.8	1.1	224.
4.9	17.0	1340.5	866.0	11.7	-10.4	253.6	3.8	3.6	1.1	297.0	302.9	2.0	20.1	1.0	224.
5.2	18.0	1456.9	854.0	11.1	-9.5	261.5	4.3	4.3	0.6	297.7	304.0	2.2	22.5	1.0	221.
5.7	19.0	1555.0	844.0	10.7	-6.9	260.0	5.5	5.4	1.0	298.3	306.1	2.7	28.2	0.9	213.
6.0	20.0	1664.1	833.0	9.6	-7.9	252.3	6.4	6.1	1.9	298.3	305.6	2.5	28.2	0.8	209.
6.6	21.0	1794.5	820.0	9.3	-8.0	240.1	7.5	6.5	3.8	299.3	306.7	2.6	28.6	0.6	193.
6.9	22.0	1906.3	809.0	8.7	-6.4	248.4	8.0	7.4	2.9	299.9	308.3	2.9	33.4	0.5	185.
7.3	23.0	2009.2	799.0	8.9	-7.5	247.2	9.5	8.7	3.7	301.1	309.1	2.7	30.5	0.5	159.
7.7	24.0	2113.4	789.0	8.9	-11.5	243.5	11.1	9.9	4.9	302.1	308.1	2.0	22.2	0.5	131.
8.1	25.0	2229.5	778.0	8.7	-8.5	241.0	12.5	10.9	6.0	303.2	310.9	2.6	28.6	0.7	107.
8.7	26.0	2358.1	766.0	8.7	-6.4	240.9	14.1	12.3	6.8	304.6	313.7	3.1	33.4	1.1	88.
9.0	27.0	2455.7	757.0	7.9	-6.6	242.6	14.7	13.0	6.8	304.7	313.7	3.1	35.1	1.3	79.
9.4	28.0	2576.4	746.0	7.7	-8.5	246.8	15.2	14.0	6.0	305.7	313.7	2.7	30.6	1.7	78.
9.8	29.0	2687.4	736.0	6.6	-6.5	250.0	15.6	14.6	5.3	305.8	315.2	3.2	38.4	2.0	77.
10.1	30.0	2799.5	726.0	5.8	-5.7	251.6	15.8	15.0	5.0	306.1	316.2	3.5	43.5	2.3	76.
10.4	31.0	2912.8	716.0	4.4	-6.1	252.3	15.9	15.1	4.8	305.8	315.8	3.4	46.4	2.6	76.
10.9	32.0	3027.2	706.0	3.4	-6.2	252.0	16.1	15.3	5.0	305.9	316.0	3.4	49.4	3.1	75.
11.2	33.0	3131.1	697.0	2.3	-5.9	251.1	16.3	15.4	5.3	305.8	316.2	3.5	54.9	3.4	75.
11.7	34.0	3247.8	687.0	1.4	-6.6	248.8	16.7	15.6	6.0	306.1	316.1	3.4	54.8	3.9	75.
12.0	35.0	3365.8	677.0	1.0	-7.6	247.1	16.9	15.5	6.6	306.9	316.3	3.2	52.8	4.2	74.
12.5	36.0	3497.3	666.0	-0.2	-9.9	245.0	17.1	15.5	7.2	307.0	315.1	2.7	47.7	4.7	73.
12.9	37.0	3618.2	656.0	-1.4	-9.0	245.1	17.3	15.7	7.3	306.9	315.7	3.0	56.4	5.1	72.
13.3	38.0	3728.2	647.0	-2.2	-13.4	246.1	17.9	16.3	7.2	307.1	313.5	2.1	41.9	5.5	72.
13.6	39.0	3839.3	638.0	-3.1	-14.9	247.0	18.5	17.1	7.2	307.3	313.0	1.9	39.6	5.8	72.
14.1	40.0	3951.6	629.0	-3.7	-19.1	248.2	20.2	18.8	7.5	307.8	311.9	1.3	29.0	6.4	71.
14.5	41.0	4090.9	618.0	-3.7	-28.0	248.7	21.9	20.4	8.0	309.2	311.2	0.6	13.1	6.9	71.
14.9	42.0	4206.7	609.0	-3.7	-28.4	249.0	23.2	21.7	8.3	310.5	312.5	0.6	12.6	7.4	71.
15.3	43.0	4337.2	599.0	-4.8	-28.0	249.5	23.9	22.4	8.4	310.8	312.9	0.6	14.2	8.0	71.
15.7	44.0	4442.7	591.0	-5.9	-26.4	250.6	23.9	22.5	8.0	310.7	313.2	0.7	17.8	8.6	71.
16.1	45.0	4562.6	582.0	-7.0	-25.3	252.2	23.3	22.2	7.1	310.7	313.4	0.8	21.5	9.2	71.
16.5	46.0	4683.9	573.0	-8.1	-24.6	254.5	22.6	21.7	6.0	310.9	313.9	0.9	24.9	9.7	71.
17.0	47.0	4793.0	565.0	-9.1	-23.6	257.8	22.5	22.0	4.7	311.0	314.2	1.0	29.5	10.4	71.
17.4	48.0	4917.0	556.0	-10.0	-22.8	260.2	23.4	23.0	4.0	311.4	314.9	1.1	34.0	10.9	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

5 FEBRUARY 1975  
2315 GMT

151 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	JEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.8	49.0	5028.6	548.0	-11.0	-20.9	262.0	24.5	24.2	3.4	311.5	315.7	1.3	43.4	11.5	72.
18.2	50.0	5156.0	539.0	-10.5	-21.7	263.2	25.5	25.4	3.0	313.5	317.5	1.2	39.2	12.1	73.
18.8	51.0	5299.9	529.0	-11.4	-25.2	263.9	26.3	26.2	2.8	314.1	317.2	0.9	30.6	13.0	73.
19.1	52.0	5416.6	521.0	-12.2	-28.3	263.8	26.5	26.4	2.9	314.4	316.8	0.7	24.8	13.5	74.
19.7	53.0	5534.8	513.0	-12.7	-29.1	263.1	27.2	27.0	3.3	315.3	317.5	0.7	23.6	14.4	74.
20.0	54.0	5654.5	505.0	-13.8	-29.7	262.8	27.8	27.5	3.5	315.4	317.5	0.6	24.5	14.9	75.
20.4	55.0	5775.8	497.0	-14.2	-31.2	262.6	28.1	27.8	3.5	316.3	318.2	0.6	22.0	15.6	75.
20.9	56.0	5929.6	497.0	-15.6	-33.8	262.6	27.4	27.1	3.5	316.4	318.0	0.4	19.1	16.5	75.
21.3	57.0	6054.3	479.0	-16.8	-34.6	262.8	26.7	26.5	3.3	316.4	317.8	0.4	19.7	17.1	76.
21.8	58.0	6164.6	472.0	-17.9	-35.4	263.2	27.1	26.9	3.2	316.4	317.7	0.4	19.8	17.8	76.
22.2	59.0	6292.2	464.0	-18.9	-37.6	263.4	28.1	27.9	3.2	316.7	317.8	0.3	17.1	18.4	76.
22.7	60.0	6421.6	456.0	-19.4	-39.8	263.5	29.0	28.8	3.3	317.6	318.5	0.3	14.3	19.4	77.
23.1	61.0	6553.1	448.0	-20.0	-43.8	263.6	28.8	28.7	3.2	318.5	319.2	0.2	9.8	20.1	77.
23.6	62.0	6669.6	441.0	-20.9	-44.9	264.0	28.2	28.0	3.0	318.8	319.3	0.2	9.4	20.9	77.
24.0	63.0	6804.6	433.0	-22.0	-44.3	264.6	27.9	27.8	2.6	319.1	319.7	0.2	11.1	21.6	77.
24.5	64.0	6924.3	426.0	-23.2	-44.7	266.0	27.8	27.7	1.9	319.0	319.6	0.2	11.8	22.4	78.
25.0	65.0	7062.8	418.0	-24.4	-44.2	267.8	27.5	27.5	1.0	319.2	319.9	0.2	13.9	23.2	78.
25.5	66.0	7203.3	410.0	-25.6	-44.5	269.7	27.0	27.0	0.1	319.4	320.1	0.2	15.0	24.0	78.
25.9	67.0	7327.8	403.0	-27.0	-45.0	271.0	26.2	26.2	-0.5	319.1	319.7	0.2	16.1	24.7	79.
26.4	68.0	7471.9	395.0	-28.4	-44.9	272.1	25.5	25.4	-0.9	319.2	319.8	0.2	18.5	25.4	79.
26.9	69.0	7599.9	388.0	-29.6	-45.1	272.6	25.4	25.3	-1.1	319.3	319.9	0.2	20.4	26.1	79.
27.3	70.0	7729.4	381.0	-31.0	-46.1	272.8	26.0	26.0	-1.3	319.0	319.6	0.2	20.9	26.7	80.
27.9	71.0	7879.5	373.0	-32.2	-47.1	273.5	27.8	27.8	-1.7	319.4	319.9	0.1	21.0	27.6	80.
28.3	72.0	8012.9	366.0	-33.3	-48.0	274.5	28.6	28.5	-2.3	319.7	320.2	0.1	21.1	28.3	80.
28.8	73.0	8148.3	359.0	-34.4	-48.8	276.4	28.1	27.9	-3.1	320.0	320.4	0.1	21.2	29.2	81.
29.2	74.0	8265.9	353.0	-35.6	-49.5	278.1	27.1	26.8	-3.8	319.9	320.3	0.1	22.1	29.9	81.
29.7	75.0	8405.0	346.0	-36.4	-50.2	280.0	26.4	26.0	-4.6	320.6	321.0	0.1	22.2	30.6	82.
30.2	76.0	8526.0	340.0	-37.6	-51.4	280.3	27.2	26.8	-4.9	320.6	320.9	0.1	21.9	31.3	82.
30.7	77.0	8669.2	333.0	-38.7	-53.5	279.0	28.6	28.3	-4.5	321.0	321.3	0.1	19.1	32.1	83.
31.2	78.0	8793.7	327.0	-40.0	-53.6	277.4	29.5	29.2	-3.8	320.9	321.2	0.1	21.3	32.9	83.
31.6	79.0	8920.0	321.0	-40.9	99.9	277.0	29.4	29.2	-3.5	321.4	999.9	99.9	999.9	33.7	83.
32.1	80.0	9069.5	314.0	-42.3	99.9	278.1	28.6	28.3	-4.0	321.5	999.9	99.9	999.9	34.6	84.
32.7	81.0	9221.5	307.0	-43.6	99.9	279.4	27.9	27.5	-4.5	321.8	999.9	99.9	999.9	35.5	84.
33.1	82.0	9353.8	301.0	-44.8	99.9	279.2	28.1	27.7	-4.5	322.0	999.9	99.9	999.9	36.1	84.
33.6	83.0	9488.3	295.0	-45.5	99.9	277.8	30.1	29.8	-4.1	322.8	999.9	99.9	999.9	36.9	85.
34.1	84.0	9602.0	290.0	-46.7	99.9	276.3	33.9	33.7	-3.7	322.7	999.9	99.9	999.9	37.7	85.
34.5	85.0	9740.3	284.0	-47.9	99.9	275.7	36.2	36.1	-3.6	322.9	999.9	99.9	999.9	38.7	85.
35.0	86.0	9928.1	276.0	-49.7	99.9	276.1	34.6	34.4	-3.7	323.0	999.9	99.9	999.9	40.0	86.
35.5	87.0	10047.5	271.0	-50.9	99.9	277.1	31.3	31.1	-3.9	322.9	999.9	99.9	999.9	40.8	86.
36.1	88.0	10192.8	265.0	-52.3	99.9	277.4	31.5	31.2	-4.0	322.9	999.9	99.9	999.9	41.8	86.
36.6	89.0	10315.6	260.0	-53.6	99.9	277.2	33.1	32.8	-4.2	322.7	999.9	99.9	999.9	42.8	86.
37.1	90.0	10465.4	254.0	-54.7	99.9	277.2	33.3	33.0	-4.2	323.2	999.9	99.9	999.9	43.8	87.
37.5	91.0	10592.2	249.0	-55.9	99.9	277.0	32.3	32.1	-4.0	323.3	999.9	99.9	999.9	44.6	87.
38.0	92.0	10721.0	244.0	-56.8	99.9	275.7	31.2	31.1	-3.1	323.9	999.9	99.9	999.9	45.5	87.
38.5	93.0	10851.9	239.0	-58.0	99.9	274.8	31.6	31.5	-2.7	324.0	999.9	99.9	999.9	46.4	87.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

FEBRUARY 1975  
2315 GMT

151 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
39.0	94.0	10985.1	234.0	-58.1	99.9	275.9	32.7	32.5	-3.4	325.7	999.9	99.9	999.9	47.3	87.
39.5	95.0	11149.7	228.0	-58.1	99.9	277.4	31.8	31.5	-4.1	328.2	999.9	99.9	999.9	48.4	88.
40.1	96.0	11316.9	222.0	-57.5	99.9	276.1	28.5	28.3	-3.0	331.7	999.9	99.9	999.9	49.5	88.
40.5	97.0	11432.2	218.0	-55.9	99.9	272.7	27.4	27.4	-1.3	335.9	999.9	99.9	999.9	50.0	88.
40.9	98.0	11579.7	213.0	-56.3	99.9	267.5	29.4	29.3	1.3	337.6	999.9	99.9	999.9	50.6	88.
41.4	99.0	11730.4	208.0	-56.8	99.9	261.8	32.2	31.8	4.3	339.1	999.9	99.9	999.9	51.6	88.
41.9	100.0	11884.4	203.0	-57.6	99.9	256.9	32.9	32.1	7.5	340.1	999.9	99.9	999.9	52.7	88.
42.5	101.0	12073.5	197.0	-58.1	99.9	252.7	32.5	31.0	9.7	342.2	999.9	99.9	999.9	53.8	87.
43.0	102.0	12202.6	193.0	-58.5	99.9	252.2	33.5	31.9	10.7	343.6	999.9	99.9	999.9	54.6	87.
43.5	103.0	12368.0	188.0	-57.6	99.9	252.7	34.3	32.8	10.2	347.6	999.9	99.9	999.9	55.8	87.
44.1	104.0	12504.0	184.0	-56.8	99.9	252.2	33.6	31.9	10.3	351.2	999.9	99.9	999.9	56.9	87.
44.5	105.0	12643.1	180.0	-57.5	99.9	251.6	32.9	31.2	10.4	352.3	999.9	99.9	999.9	57.7	86.
45.1	106.0	12820.9	175.0	-58.0	99.9	250.5	32.3	30.5	10.3	354.2	999.9	99.9	999.9	58.8	86.
45.5	107.0	12966.4	171.0	-58.7	99.9	249.5	31.9	29.9	11.2	355.4	999.9	99.9	999.9	59.6	86.
46.1	108.0	13115.0	167.0	-58.9	99.9	248.2	32.3	30.0	12.0	357.5	999.9	99.9	999.9	60.6	86.
46.6	109.0	13266.9	163.0	-59.6	99.9	248.8	33.9	31.6	12.2	358.8	999.9	99.9	999.9	61.6	85.
47.1	110.0	13422.5	159.0	-59.2	99.9	251.0	36.1	34.1	11.7	362.0	999.9	99.9	999.9	62.6	85.
47.9	111.0	13622.5	154.0	-59.8	99.9	254.4	38.4	37.0	10.3	364.4	999.9	99.9	999.9	64.4	85.
48.5	112.0	13787.0	150.0	-59.8	99.9	256.1	39.1	38.0	9.4	367.2	999.9	99.9	999.9	65.8	84.
49.2	113.0	13955.7	146.0	-60.3	99.9	257.5	39.5	38.6	8.3	369.1	999.9	99.9	999.9	67.4	84.
49.8	114.0	14128.9	142.0	-60.3	99.9	257.8	38.6	37.7	8.1	372.0	999.9	99.9	999.9	68.9	84.
50.3	115.0	14261.8	139.0	-61.0	99.9	256.9	37.0	36.1	8.4	373.0	999.9	99.9	999.9	70.0	84.
51.0	116.0	14489.0	134.0	-61.8	99.9	253.7	35.3	33.8	9.9	375.6	999.9	99.9	999.9	71.5	84.
51.6	117.0	14676.2	130.0	-62.9	99.9	251.4	34.2	32.4	10.9	376.8	999.9	99.9	999.9	72.7	84.
52.2	118.0	14819.7	127.0	-63.5	99.9	251.2	33.7	31.9	10.9	378.3	999.9	99.9	999.9	73.8	83.
52.9	119.0	15016.2	123.0	-63.7	99.9	252.0	33.9	32.2	10.5	381.4	999.9	99.9	999.9	75.2	83.
53.4	120.0	15167.4	120.0	-64.5	99.9	253.0	34.0	32.6	10.0	382.6	999.9	99.9	999.9	76.3	83.
54.1	121.0	15321.9	117.0	-64.9	99.9	256.0	34.9	33.9	8.4	384.7	999.9	99.9	999.9	77.6	83.
54.7	122.0	15533.6	113.0	-65.9	99.9	257.9	33.6	32.9	7.0	386.6	999.9	99.9	999.9	79.0	83.
55.2	123.0	15696.5	110.0	-67.0	99.9	257.9	31.0	30.3	6.5	387.6	999.9	99.9	999.9	80.0	83.
56.0	124.0	15920.4	106.0	-66.6	99.9	256.4	32.1	31.2	7.5	392.6	999.9	99.9	999.9	81.1	83.
56.5	125.0	16093.8	103.0	-67.4	99.9	256.3	35.8	34.8	8.3	394.2	999.9	99.9	999.9	82.4	83.
57.3	126.0	16332.7	99.0	-67.2	99.9	258.1	37.0	36.2	7.7	399.1	999.9	99.9	999.9	84.1	82.
58.0	127.0	16518.7	96.0	-66.3	99.9	260.4	37.3	36.8	6.2	404.3	999.9	99.9	999.9	85.6	82.
58.6	128.0	16710.5	93.0	-67.4	99.9	261.8	35.3	34.9	5.1	405.9	999.9	99.9	999.9	87.0	82.
59.2	129.0	16907.9	90.0	-67.8	99.9	261.9	30.4	30.1	4.3	408.8	999.9	99.9	999.9	88.3	82.
60.0	130.0	17111.8	87.0	-67.8	99.9	259.8	29.4	28.9	5.2	412.8	999.9	99.9	999.9	89.4	82.
60.8	131.0	17323.2	84.0	-67.2	99.9	257.9	30.4	29.7	6.4	418.3	999.9	99.9	999.9	91.1	82.
61.6	132.0	17542.8	81.0	-66.8	99.9	257.9	26.3	25.7	5.5	423.5	999.9	99.9	999.9	92.4	82.
62.4	133.0	17772.0	78.0	-64.9	99.9	261.6	23.9	23.7	3.5	432.0	999.9	99.9	999.9	93.6	82.
63.1	134.0	18011.0	75.0	-65.3	99.9	265.7	19.1	19.0	1.4	436.0	999.9	99.9	999.9	94.7	82.
63.9	135.0	18259.5	72.0	-65.3	99.9	262.6	16.4	16.3	2.1	441.1	999.9	99.9	999.9	95.2	82.
64.9	136.0	18517.5	69.0	-67.2	99.9	248.9	15.5	14.4	5.6	442.5	999.9	99.9	999.9	96.4	82.
65.9	137.0	18786.5	66.0	-65.9	99.9	248.6	12.3	11.4	4.5	450.9	999.9	99.9	999.9	97.0	82.
66.8	138.0	19069.5	63.0	-64.9	99.9	266.3	21.8	21.8	1.4	459.2	999.9	99.9	999.9	97.7	82.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

5 FEBRUARY 1975  
2315 GMT

151 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.6	139.0	19469.3	59.0	-65.3	99.9	271.9	28.7	28.7	-1.0	467.0	999.9	99.9	999.9	99.3	82.
68.7	140.0	19679.5	57.0	-64.7	99.9	278.8	20.4	20.1	-3.1	473.0	999.9	99.9	999.9	101.1	82.
69.9	141.0	20009.7	54.0	-64.7	99.9	297.4	5.7	5.0	-2.6	480.3	999.9	99.9	999.9	101.3	83.
70.9	142.0	20356.9	51.0	-66.8	99.9	259.4	17.3	17.0	3.2	483.4	999.9	99.9	999.9	102.0	83.
72.0	143.0	20723.3	48.0	-67.0	99.9	254.1	18.7	18.0	5.1	491.4	999.9	99.9	999.9	103.7	82.
73.2	144.0	21116.8	45.0	-62.9	99.9	266.9	10.1	10.0	0.6	510.4	999.9	99.9	999.9	104.5	82.
74.6	145.0	21541.7	42.0	-62.9	99.9	274.5	11.2	11.2	-0.3	520.5	999.9	99.9	999.9	105.2	83.
75.9	146.0	22000.3	39.0	-60.8	99.9	266.1	23.1	23.0	1.5	536.9	999.9	99.9	999.9	106.2	83.
77.5	147.0	22498.1	36.0	-60.8	99.9	256.2	12.6	12.2	3.0	549.4	999.9	99.9	999.9	108.9	83.
79.1	148.0	23039.2	33.0	-60.8	99.9	262.2	11.6	11.5	1.6	563.2	999.9	99.9	999.9	109.0	83.
80.9	149.0	23631.3	30.0	-61.2	99.9	266.0	23.0	23.0	1.6	577.8	999.9	99.9	999.9	110.9	83.
82.9	150.0	24286.0	27.0	-60.8	99.9	253.7	8.0	7.7	2.2	596.5	999.9	99.9	999.9	113.8	83.
84.8	151.0	24766.2	25.0	-59.4	99.9	232.8	9.0	7.2	5.4	614.0	999.9	99.9	999.9	114.3	83.
86.9	152.0	25566.3	22.0	-59.6	99.9	264.5	26.3	26.2	2.5	636.3	999.9	99.9	999.9	115.8	82.
89.1	153.0	26483.9	19.0	-59.4	99.9	246.1	14.3	13.1	5.8	664.1	999.9	99.9	999.9	119.6	82.
91.9	154.0	27570.8	16.0	-55.1	99.9	999.9	99.9	99.9	99.9	711.6	999.9	99.9	999.9	999.9	999.

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
515 GMT

157 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COM'D M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	33.0	1014.2	7.7	5.8	30.0	3.6	-1.8	-3.1	280.5	295.1	5.7	88.0	0.0	0.
0.1	5.0	59.1	1011.0	8.4	6.7	999.9	99.9	99.9	99.9	281.4	296.9	6.1	89.0	999.9	999.
0.6	6.0	174.3	997.0	7.3	5.6	999.9	99.9	99.9	99.9	281.4	296.1	5.7	89.2	999.9	999.
0.9	7.0	274.0	985.0	6.6	5.7	999.9	99.9	99.9	99.9	281.7	296.6	5.9	94.2	999.9	999.
1.2	8.0	366.3	974.0	6.2	5.1	999.9	99.9	99.9	99.9	282.2	296.8	5.7	92.3	999.9	999.
1.6	9.0	460.1	963.0	9.4	7.4	999.9	99.9	99.9	99.9	286.5	304.0	6.7	86.9	999.9	999.
2.0	10.0	547.2	953.0	11.9	10.2	999.9	99.9	99.9	99.9	290.0	311.4	8.2	89.3	999.9	999.
2.4	11.0	671.4	939.0	11.9	10.9	999.9	99.9	99.9	99.9	291.3	314.3	8.8	94.0	999.9	999.
2.8	12.0	770.4	928.0	12.6	7.8	148.5	2.8	-1.5	2.4	292.9	311.9	7.2	72.2	0.8	234.
3.1	13.0	861.4	918.0	13.4	-19.5	168.3	2.2	-0.4	2.1	293.8	296.5	0.9	8.5	0.8	237.
3.5	14.0	962.8	907.0	13.8	-8.1	192.9	2.4	0.5	2.3	295.4	302.0	2.3	21.1	0.7	239.
3.9	15.0	1065.5	896.0	13.6	-9.1	199.4	3.2	1.1	3.0	296.2	302.4	2.1	19.7	0.7	244.
4.3	16.0	1178.7	884.0	12.6	-10.9	203.7	3.6	1.4	3.3	296.3	301.8	1.9	18.2	0.6	249.
4.7	17.0	1283.4	873.0	11.5	-11.4	209.5	3.7	1.8	3.2	296.2	301.5	1.8	18.8	0.6	255.
5.1	18.0	1389.1	862.0	10.7	-10.8	215.3	3.8	2.2	3.1	296.5	302.2	2.0	20.9	0.5	262.
5.4	19.0	1486.1	852.0	10.0	-10.0	215.2	4.1	2.4	3.4	296.7	302.8	2.1	23.2	0.5	267.
5.7	20.0	1584.1	842.0	9.4	-6.6	219.4	4.4	2.7	3.4	297.2	305.1	2.8	31.5	0.4	276.
6.2	21.0	1713.0	829.0	9.1	-4.3	999.9	99.9	99.9	99.9	298.2	307.8	3.4	38.6	999.9	999.
6.5	22.0	1813.5	819.0	8.7	-0.3	999.9	99.9	99.9	99.9	299.0	311.9	4.6	53.1	999.9	999.
7.0	23.0	1915.1	809.0	8.0	-3.0	999.9	99.9	99.9	99.9	299.2	309.9	3.8	45.5	999.9	999.
7.2	24.0	2017.8	799.0	8.7	-6.4	999.9	99.9	99.9	99.9	300.9	309.5	3.0	33.6	999.9	999.
7.7	25.0	2121.9	789.0	8.2	-5.7	999.9	99.9	99.9	99.9	301.5	310.6	3.2	36.8	999.9	999.
8.2	26.0	2248.1	777.0	6.8	-5.0	999.9	99.9	99.9	99.9	301.3	311.1	3.4	42.9	999.9	999.
8.5	27.0	2354.5	767.0	6.6	-9.0	999.9	99.9	99.9	99.9	302.1	309.5	2.5	31.9	999.9	999.
9.0	28.0	2462.1	757.0	6.8	-45.8	999.9	99.9	99.9	99.9	303.1	303.4	0.1	1.0	999.9	999.
9.3	29.0	2560.1	748.0	6.2	-33.6	999.9	99.9	99.9	99.9	303.6	304.6	0.3	3.7	999.9	999.
9.6	30.0	2670.1	738.0	5.2	-29.1	999.9	99.9	99.9	99.9	303.6	305.2	0.5	6.2	999.9	999.
10.1	31.0	2781.2	728.0	4.7	-23.0	999.9	99.9	99.9	99.9	304.3	306.9	0.8	11.2	999.9	999.
10.4	32.0	2882.4	719.0	3.8	-21.2	999.9	99.9	99.9	99.9	304.5	307.6	1.0	14.0	999.9	999.
10.7	33.0	2984.5	710.0	3.3	-21.1	999.9	99.9	99.9	99.9	305.0	308.2	1.0	14.6	999.9	999.
11.2	34.0	3099.3	700.0	2.8	-24.2	999.9	99.9	99.9	99.9	305.7	308.1	0.8	11.5	999.9	999.
11.5	35.0	3203.9	691.0	2.3	-24.5	999.9	99.9	99.9	99.9	306.3	308.7	0.8	11.5	999.9	999.
11.9	36.0	3333.2	680.0	1.5	-25.6	999.9	99.9	99.9	99.9	306.7	309.0	0.7	11.1	999.9	999.
12.3	37.0	3452.2	670.0	0.4	-23.7	999.9	99.9	99.9	99.9	306.8	309.5	0.8	14.4	999.9	999.
12.7	38.0	3548.5	662.0	0.0	-23.9	999.9	99.9	99.9	99.9	307.5	310.2	0.8	14.4	999.9	999.
13.1	39.0	3657.9	653.0	-0.8	-24.9	999.9	99.9	99.9	99.9	307.8	310.3	0.8	14.0	999.9	999.
13.4	40.0	3768.5	644.0	-1.7	-23.1	999.9	99.9	99.9	99.9	307.9	310.9	0.9	17.6	999.9	999.
13.9	41.0	3905.3	633.0	-2.8	-21.6	286.5	22.5	21.5	-6.1	308.2	311.6	1.1	21.9	6.8	92.
14.3	42.0	4018.6	624.0	-3.3	-24.0	277.0	19.8	19.7	-2.4	308.9	311.8	0.9	18.2	7.2	92.
14.7	43.0	4133.4	615.0	-3.9	-24.5	278.3	20.1	19.9	-2.9	309.5	312.3	0.9	18.3	7.7	92.
15.1	44.0	4236.5	607.0	-4.8	-23.2	276.1	19.5	19.4	-2.1	309.6	312.7	1.0	22.0	8.2	93.
15.5	45.0	4353.8	598.0	-5.9	-21.8	275.9	19.1	19.0	-2.0	309.7	313.3	1.1	27.0	8.7	93.
16.0	46.0	4472.4	589.0	-6.8	-20.2	275.1	18.3	18.2	-1.6	310.1	314.2	1.3	33.3	9.2	93.
16.3	47.0	4578.9	581.0	-8.1	-20.8	274.9	17.9	17.9	-1.5	309.7	313.7	1.3	35.1	9.6	93.
16.7	48.0	4686.6	573.0	-8.5	-21.3	274.5	17.8	17.8	-1.4	310.4	314.3	1.2	34.8	10.0	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
515 GMT

157 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.1	49.0	4795.5	565.0	-9.3	-21.5	274.0	18.2	18.1	-1.3	310.8	314.7	1.2	36.1	10.3	93.
17.5	50.0	4919.5	556.0	-9.8	-21.5	272.8	19.0	19.0	-0.9	311.6	315.5	1.2	37.9	10.8	93.
18.0	51.0	5059.6	546.0	-9.8	-20.9	270.7	20.3	20.3	-0.2	313.2	317.4	1.3	39.7	11.4	93.
18.3	52.0	5173.3	538.0	-11.1	-22.1	270.2	20.6	20.6	-0.1	313.0	316.8	1.2	39.9	11.8	93.
18.6	53.0	5288.1	530.0	-12.3	-24.1	270.2	20.9	20.9	-0.1	312.9	316.2	1.0	36.3	12.2	93.
19.1	54.0	5404.2	522.0	-13.0	-28.1	271.4	21.2	21.2	-0.5	313.4	315.8	0.7	26.6	12.8	93.
19.5	55.0	5521.7	514.0	-14.0	-29.3	272.8	21.9	21.8	-1.1	313.6	315.8	0.7	25.9	13.3	93.
20.0	56.0	5655.6	505.0	-15.2	-30.8	273.4	23.1	23.1	-1.4	313.6	315.6	0.6	24.8	13.9	93.
20.3	57.0	5776.1	497.0	-15.9	-30.8	273.3	23.2	23.2	-1.3	314.2	316.2	0.6	26.4	14.4	93.
20.7	58.0	5898.1	489.0	-17.0	-30.6	273.1	23.2	23.1	-1.3	314.3	316.4	0.6	29.3	15.0	93.
21.2	59.0	6006.1	482.0	-18.2	-31.0	273.1	23.2	23.2	-1.3	314.1	316.1	0.6	31.3	15.6	93.
21.5	60.0	6131.0	474.0	-18.6	-30.4	273.3	23.8	23.7	-1.4	315.1	317.3	0.6	34.4	16.1	93.
22.0	61.0	6241.8	467.0	-19.6	-30.0	273.6	26.0	25.9	-1.5	315.3	317.5	0.7	38.6	16.7	93.
22.3	62.0	6369.9	459.0	-20.5	-31.4	273.3	27.0	26.9	-1.6	315.7	317.7	0.6	36.9	17.3	93.
22.7	63.0	6483.6	452.0	-20.9	-33.9	272.7	27.9	27.8	-1.3	316.5	318.2	0.5	29.7	18.0	93.
23.1	64.0	6598.9	445.0	-21.1	-37.6	271.7	28.4	28.4	-0.7	317.8	318.9	0.3	20.8	18.6	93.
23.5	65.0	6715.9	438.0	-21.7	-39.7	270.6	29.0	29.0	-0.3	318.4	319.3	0.3	17.8	19.3	93.
24.0	66.0	6868.5	429.0	-22.7	-42.3	269.1	29.7	29.7	0.5	319.1	319.8	0.2	14.6	20.2	93.
24.3	67.0	6988.9	422.0	-24.1	-43.4	268.4	29.7	29.7	0.8	318.7	319.4	0.2	14.8	20.8	93.
24.8	68.0	7110.6	415.0	-25.2	-43.1	267.9	29.5	29.5	1.1	318.8	319.6	0.2	16.8	21.6	92.
25.2	69.0	7233.9	408.0	-26.2	-39.8	263.0	29.1	29.1	1.0	319.0	320.1	0.3	26.3	22.3	92.
25.6	70.0	7358.8	401.0	-27.6	-39.3	267.9	28.4	28.4	1.0	318.9	320.0	0.3	31.4	23.0	92.
26.1	71.0	7503.4	393.0	-28.9	-38.8	266.8	27.0	26.9	1.5	319.0	320.2	0.3	37.4	24.0	92.
26.5	72.0	7631.7	386.0	-29.9	-39.2	265.7	26.3	26.2	2.0	319.3	320.4	0.3	39.6	24.4	92.
27.0	73.0	7743.1	380.0	-31.1	-39.6	265.5	27.5	27.4	2.1	319.2	320.3	0.3	42.6	25.3	92.
27.6	74.0	7874.7	373.0	-32.2	-40.3	265.7	30.3	30.2	2.3	319.5	320.5	0.3	43.8	26.2	91.
27.9	75.0	7988.9	367.0	-33.1	-40.6	265.5	31.6	31.5	2.5	319.7	320.8	0.3	46.4	26.8	91.
28.4	76.0	8124.0	360.0	-34.2	-41.2	265.5	32.3	32.2	2.5	320.1	321.1	0.3	48.5	27.8	91.
28.9	77.0	8241.4	354.0	-35.5	-39.9	265.8	31.6	31.5	2.3	319.8	321.0	0.3	63.3	28.8	91.
29.3	78.0	8360.2	348.0	-36.6	-41.0	266.5	30.9	30.8	1.9	319.9	321.0	0.3	63.2	29.5	91.
29.8	79.0	8480.5	342.0	-37.2	-43.8	267.9	30.5	30.5	1.1	320.6	321.4	0.2	49.6	30.4	91.
30.2	80.0	8602.6	336.0	-38.2	-45.1	269.5	30.4	30.4	0.3	320.9	321.7	0.2	47.8	31.2	91.
30.7	81.0	8768.0	328.0	-39.5	-46.7	271.7	30.6	30.6	-0.9	321.3	321.9	0.2	45.9	32.1	91.
31.1	82.0	8894.0	322.0	-40.8	99.9	273.6	30.9	30.8	-1.9	321.4	999.9	99.9	999.9	32.8	91.
31.5	83.0	9000.3	317.0	-42.1	99.9	275.8	31.1	31.0	-3.1	320.9	999.9	99.9	999.9	33.5	91.
31.9	84.0	9129.2	311.0	-43.4	99.9	278.3	30.9	30.6	-4.5	320.9	999.9	99.9	999.9	34.4	91.
32.3	85.0	9260.1	305.0	-44.1	99.9	280.7	31.3	30.7	-5.8	321.7	999.9	99.9	999.9	35.0	91.
32.7	86.0	9415.6	298.0	-45.1	99.9	282.3	32.2	31.4	-6.8	322.5	999.9	99.9	999.9	35.7	91.
33.2	87.0	9528.3	293.0	-46.4	99.9	283.2	33.3	32.4	-7.6	322.2	999.9	99.9	999.9	36.8	92.
33.6	88.0	9665.3	287.0	-47.8	99.9	283.3	33.5	32.6	-7.7	322.0	999.9	99.9	999.9	37.6	92.
34.1	89.0	9804.4	281.0	-49.0	99.9	282.9	33.2	32.3	-7.4	322.3	999.9	99.9	999.9	38.5	92.
34.5	90.0	9921.9	276.0	-50.3	99.9	282.3	33.1	32.3	-7.0	322.0	999.9	99.9	999.9	39.4	92.
35.0	91.0	10041.0	271.0	-51.2	99.9	281.5	33.1	32.4	-6.5	322.4	999.9	99.9	999.9	40.2	93.
35.4	92.0	10186.0	265.0	-52.6	99.9	281.4	32.3	31.7	-6.4	322.4	999.9	99.9	999.9	41.2	93.
36.0	93.0	10308.7	260.0	-53.9	99.9	281.1	31.4	30.8	-6.1	322.3	999.9	99.9	999.9	42.1	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTOPIA, TEX

6 FEBRUARY 1975  
515 GMT

157 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.4	94.0	10433.2	255.0	-54.7	99.9	279.9	32.5	32.0	-5.6	322.9	999.9	99.9	999.9	42.9	93.
36.8	95.0	10559.9	250.0	-54.7	99.9	278.3	34.1	33.8	-4.9	324.8	999.9	99.9	999.9	43.7	93.
37.3	96.0	10714.9	244.0	-56.0	99.9	276.3	35.3	35.1	-3.9	325.1	999.9	99.9	999.9	44.8	93.
37.8	97.0	10846.0	239.0	-58.0	99.9	274.9	35.9	35.8	-3.0	324.0	999.9	99.9	999.9	45.9	93.
38.3	98.0	10978.9	234.0	-59.0	99.9	274.8	37.9	37.8	-3.2	324.4	999.9	99.9	999.9	46.8	93.
38.7	99.0	11114.5	229.0	-58.7	99.9	276.2	39.8	39.6	-4.3	326.9	999.9	99.9	999.9	47.8	93.
39.1	100.0	11253.2	224.0	-58.7	99.9	278.3	40.9	40.5	-5.9	329.0	999.9	99.9	999.9	48.9	93.
39.6	101.0	11452.5	217.0	-59.0	99.9	281.2	40.2	39.4	-7.8	331.5	999.9	99.9	999.9	50.1	94.
40.2	102.0	11598.7	212.0	-59.0	99.9	281.8	37.5	36.7	-7.7	333.7	999.9	99.9	999.9	51.5	94.
40.6	103.0	11719.0	208.0	-56.0	99.9	279.1	34.3	33.9	-5.4	340.3	999.9	99.9	999.9	52.5	94.
41.0	104.0	11873.9	203.0	-55.5	99.9	272.6	30.3	30.3	-1.3	343.4	999.9	99.9	999.9	53.2	94.
41.3	105.0	12000.8	199.0	-55.7	99.9	265.3	28.6	28.5	2.4	345.1	999.9	99.9	999.9	53.7	94.
41.8	106.0	12162.7	194.0	-56.2	99.9	254.3	28.4	27.4	7.7	346.9	999.9	99.9	999.9	54.5	94.
42.2	107.0	12294.7	190.0	-57.5	99.9	249.5	30.1	28.2	10.6	346.8	999.9	99.9	999.9	55.0	94.
42.6	108.0	12428.7	186.0	-58.7	99.9	248.2	32.1	29.8	12.0	347.0	999.9	99.9	999.9	55.7	93.
43.1	109.0	12564.9	182.0	-60.1	99.9	250.0	34.2	32.2	11.7	346.9	999.9	99.9	999.9	56.7	93.
43.5	110.0	12703.3	178.0	-60.8	99.9	252.8	35.6	34.0	10.5	347.9	999.9	99.9	999.9	57.3	92.
44.1	111.0	12916.6	172.0	-60.8	99.9	257.4	36.6	35.7	8.0	351.3	999.9	99.9	999.9	58.7	92.
44.6	112.0	13026.1	169.0	-60.8	99.9	260.6	36.0	35.5	5.9	353.1	999.9	99.9	999.9	59.8	92.
45.2	113.0	13175.1	165.0	-60.8	99.9	263.9	35.2	35.0	3.7	355.5	999.9	99.9	999.9	61.1	92.
45.7	114.0	13327.7	161.0	-60.8	99.9	266.1	37.3	37.2	2.5	358.1	999.9	99.9	999.9	62.0	92.
46.3	115.0	13484.3	157.0	-60.6	99.9	267.2	42.5	42.4	2.1	360.9	999.9	99.9	999.9	63.4	91.
46.9	116.0	13685.8	152.0	-60.6	99.9	267.6	45.3	45.3	1.9	364.3	999.9	99.9	999.9	65.2	91.
47.4	117.0	13809.8	149.0	-60.8	99.9	269.2	46.3	46.3	0.7	366.1	999.9	99.9	999.9	66.4	91.
47.8	118.0	13979.1	145.0	-60.8	99.9	270.5	45.4	45.4	-0.4	368.9	999.9	99.9	999.9	67.5	91.
48.4	119.0	14152.9	141.0	-61.3	99.9	270.9	37.5	37.5	-0.6	370.9	999.9	99.9	999.9	69.6	91.
48.8	120.0	14285.9	138.0	-62.6	99.9	269.4	30.3	30.3	0.3	371.0	999.9	99.9	999.9	70.1	91.
49.3	121.0	14467.2	134.0	-62.8	99.9	266.8	26.8	26.8	1.5	373.8	999.9	99.9	999.9	70.7	91.
49.8	122.0	14606.6	131.0	-63.2	99.9	266.0	30.4	30.3	2.1	375.5	999.9	99.9	999.9	71.4	91.
50.3	123.0	14748.8	128.0	-63.9	99.9	266.4	34.9	34.8	2.2	376.7	999.9	99.9	999.9	72.6	91.
50.7	124.0	14943.1	124.0	-64.7	99.9	266.5	35.9	35.8	2.2	378.7	999.9	99.9	999.9	73.5	91.
51.3	125.0	15092.3	121.0	-65.5	99.9	265.0	33.1	33.0	2.9	379.9	999.9	99.9	999.9	74.8	91.
52.0	126.0	15296.7	117.0	-65.7	99.9	262.3	30.1	29.9	4.0	383.2	999.9	99.9	999.9	76.0	91.
52.6	127.0	15454.2	114.0	-66.5	99.9	260.8	33.0	32.6	5.3	384.6	999.9	99.9	999.9	76.9	91.
53.1	128.0	15615.3	111.0	-67.3	99.9	258.4	33.9	33.2	6.8	386.0	999.9	99.9	999.9	78.3	91.
53.5	129.0	15780.5	108.0	-67.3	99.9	255.4	31.6	30.6	8.0	387.0	999.9	99.9	999.9	79.0	90.
54.2	130.0	16008.1	104.0	-67.1	99.9	253.2	26.6	25.5	7.7	393.6	999.9	99.9	999.9	80.1	90.
54.9	131.0	16184.4	101.0	-68.0	99.9	257.2	26.1	25.5	5.8	395.3	999.9	99.9	999.9	81.0	90.
55.4	132.0	16365.5	98.0	-68.2	99.9	261.5	29.7	29.4	4.4	398.3	999.9	99.9	999.9	81.8	90.
56.0	133.0	16552.1	95.0	-68.4	99.9	266.1	37.3	37.2	2.6	401.5	999.9	99.9	999.9	82.8	90.
56.6	134.0	16744.4	92.0	-68.8	99.9	269.5	39.5	39.5	0.3	404.3	999.9	99.9	999.9	84.6	90.
57.3	135.0	16942.9	89.0	-68.6	99.9	275.1	32.2	32.1	-2.9	408.6	999.9	99.9	999.9	86.2	90.
58.0	136.0	17149.1	86.0	-67.1	99.9	278.8	30.9	30.6	-4.7	415.6	999.9	99.9	999.9	87.2	90.
58.7	137.0	17362.8	83.0	-68.2	99.9	273.6	36.8	36.7	-2.3	417.7	999.9	99.9	999.9	88.6	90.
59.4	138.0	17658.8	79.0	-69.0	99.9	270.6	33.2	33.2	-0.3	421.9	999.9	99.9	999.9	90.4	90.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
515 GMT

157 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
60.2	139.0	17889.9	76.0	-69.7	99.9	269.9	26.8	26.8	0.1	425.2	999.9	99.9	999.9	91.6	90.
60.9	140.0	18131.8	73.0	-66.5	99.9	267.6	23.0	23.0	1.0	436.8	999.9	99.9	999.9	92.8	90.
61.7	141.0	18385.8	70.0	-66.5	99.9	252.2	18.1	17.2	5.5	442.1	999.9	99.9	999.9	93.7	90.
62.6	142.0	18650.8	67.0	-66.7	99.9	242.5	23.4	20.8	10.8	447.3	999.9	99.9	999.9	94.6	90.
63.4	143.0	19021.9	63.0	-68.0	99.9	247.4	23.1	21.3	8.9	452.5	999.9	99.9	999.9	95.6	89.
64.3	144.0	19315.5	60.0	-67.5	99.9	260.3	24.0	23.7	4.0	459.7	999.9	99.9	999.9	96.9	89.
65.3	145.0	19625.3	57.0	-66.3	99.9	265.5	21.2	21.1	1.7	469.3	999.9	99.9	999.9	98.3	89.
66.3	146.0	19842.2	55.0	-65.5	99.9	276.7	14.0	13.9	-1.6	476.0	999.9	99.9	999.9	99.5	89.
67.4	147.0	20184.6	52.0	-63.9	99.9	267.0	6.8	6.8	0.4	487.3	999.9	99.9	999.9	100.2	89.
68.6	148.0	20548.1	49.0	-64.7	99.9	259.9	12.3	12.1	2.2	493.9	999.9	99.9	999.9	100.2	89.
69.7	149.0	20934.7	46.0	-63.7	99.9	275.3	16.8	16.7	-1.5	505.2	999.9	99.9	999.9	101.7	89.
70.9	150.0	21348.0	43.0	-64.1	99.9	289.1	8.2	7.7	-2.7	514.1	999.9	99.9	999.9	103.1	89.
72.2	151.0	21792.4	40.0	-62.6	99.9	286.1	4.2	4.1	-1.2	528.6	999.9	99.9	999.9	103.0	89.
73.7	152.0	22270.5	37.0	-59.9	99.9	258.9	15.8	15.5	3.1	547.5	999.9	99.9	999.9	103.9	89.
75.2	153.0	22804.9	34.0	-59.5	99.9	250.5	14.7	13.9	4.9	561.9	999.9	99.9	999.9	105.4	89.
76.9	154.0	23381.2	31.0	-60.8	99.9	243.4	22.3	19.9	10.0	573.5	999.9	99.9	999.9	106.2	89.
78.6	155.0	24011.9	28.0	-62.4	99.9	289.4	4.0	3.8	-1.3	585.9	999.9	99.9	999.9	108.1	88.
80.5	156.0	24714.1	25.0	-60.8	99.9	260.9	37.9	37.4	6.0	609.9	999.9	99.9	999.9	111.1	88.
82.8	157.0	25512.6	22.0	-59.0	99.9	267.8	25.2	25.2	1.0	637.9	999.9	99.9	999.9	114.6	88.
85.4	158.0	26432.9	19.0	-58.7	99.9	239.5	23.2	20.0	11.8	666.3	999.9	99.9	999.9	118.5	88.
88.6	159.0	27133.6	17.0	-57.5	99.9	251.0	21.7	20.5	7.1	691.7	999.9	99.9	999.9	121.5	87.
92.0	160.0	28369.9	14.0	-54.1	99.9	999.9	99.9	99.9	99.9	742.8	999.9	99.9	999.9	999.9	999.

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
1115 GMT

159 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	33.0	1015.8	6.9	3.2	360.0	11.3	0.0	-11.3	279.4	291.5	4.7	77.0	0.0	0.
0.3	5.0	88.0	1009.0	4.9	1.6	999.9	99.9	99.9	99.9	277.9	288.8	4.3	79.4	999.9	999.
0.8	6.0	193.7	996.0	3.8	0.8	999.9	99.9	99.9	99.9	277.8	288.3	4.1	80.4	999.9	999.
1.2	7.0	292.2	984.0	3.2	1.9	999.9	99.9	99.9	99.9	278.2	289.6	4.5	91.2	999.9	999.
1.6	8.0	374.9	974.0	1.8	0.4	6.3	16.4	-1.8	-16.3	277.6	288.0	4.0	90.0	1.2	185.
1.9	9.0	474.9	962.0	1.3	0.5	5.4	16.1	-1.5	-16.0	278.1	298.7	4.1	93.9	1.6	185.
2.3	10.0	559.0	952.0	0.8	0.2	2.3	13.9	-0.6	-13.9	278.4	288.9	4.1	95.2	1.9	185.
2.8	11.0	670.5	939.0	4.7	4.2	352.9	9.6	1.2	-9.5	283.6	297.9	5.5	96.6	2.3	184.
3.1	12.0	758.1	929.0	5.9	5.4	340.8	7.0	2.3	-6.6	285.8	301.6	6.1	96.6	2.5	183.
3.5	13.0	856.0	918.0	6.6	6.1	303.4	4.7	3.7	-2.9	287.5	304.4	6.5	96.4	2.5	181.
3.9	14.0	955.2	907.0	6.8	6.2	284.1	4.1	3.9	-1.3	288.7	306.0	6.6	96.2	2.6	179.
4.2	15.0	1046.4	897.0	6.8	2.7	265.8	3.8	3.8	0.3	289.5	303.3	5.2	75.1	2.6	177.
4.7	16.0	1166.4	884.0	6.4	1.4	233.9	4.3	3.5	2.6	290.3	303.2	4.8	70.2	2.6	175.
5.1	17.0	1269.3	873.0	6.4	-0.1	229.7	5.0	3.8	3.2	291.2	303.1	4.4	63.0	2.5	173.
5.5	18.0	1363.7	863.0	5.6	-3.5	241.2	5.4	4.8	2.6	291.2	300.6	3.4	51.9	2.4	171.
5.9	19.0	1449.6	854.0	6.3	-0.0	263.5	6.7	6.6	0.8	292.9	305.1	4.5	63.9	2.4	167.
6.2	20.0	1556.0	843.0	6.3	-2.3	271.6	7.5	7.5	-0.2	293.9	304.5	3.8	54.2	2.4	164.
6.7	21.0	1673.4	831.0	5.6	-12.2	279.8	8.3	8.2	-1.4	294.1	299.3	1.8	26.4	2.5	159.
7.1	22.0	1762.4	822.0	5.6	-9.0	286.0	8.7	8.4	-2.4	295.1	301.9	2.4	34.1	2.7	155.
7.5	23.0	1882.6	810.0	5.7	-11.9	291.9	9.7	9.0	-3.6	296.5	302.0	1.9	26.8	2.8	152.
7.9	24.0	1984.2	800.0	5.4	-11.0	291.8	10.2	9.5	-3.8	297.2	303.2	2.1	29.5	3.0	149.
8.2	25.0	2076.5	791.0	4.9	-8.7	291.9	10.7	9.9	-4.0	297.6	304.9	2.5	36.7	3.2	147.
8.8	26.0	2211.4	778.0	3.7	-7.5	292.3	11.4	10.5	-4.3	297.8	305.8	2.8	43.7	3.5	143.
9.1	27.0	2305.8	769.0	3.2	-8.4	292.1	11.5	10.7	-4.3	298.2	305.8	2.6	42.1	3.7	142.
9.6	28.0	2411.7	759.0	2.2	-14.9	290.2	11.5	10.8	-4.0	298.1	302.8	1.6	26.9	4.0	139.
10.0	29.0	2518.6	749.0	1.7	-15.5	287.0	11.6	11.1	-3.4	298.7	303.2	1.5	26.5	4.2	138.
10.4	30.0	2616.0	740.0	1.3	-20.2	282.7	12.2	11.9	-2.7	299.3	302.5	1.0	18.2	4.5	136.
10.8	31.0	2725.4	730.0	1.2	-25.9	279.5	13.5	13.3	-2.2	300.2	302.2	0.6	11.1	4.7	134.
11.2	32.0	2825.1	721.0	1.3	-35.4	278.5	15.1	15.0	-2.2	301.4	302.3	0.3	4.4	5.0	131.
11.6	33.0	2926.2	712.0	1.5	-38.4	279.3	17.0	16.8	-2.7	302.7	303.3	0.2	3.2	5.3	129.
12.0	34.0	3028.5	703.0	1.5	-34.1	281.1	18.7	18.4	-3.6	303.8	304.8	0.3	4.9	5.7	127.
12.2	35.0	3132.2	694.0	1.3	-25.8	281.7	19.3	18.9	-3.9	304.8	306.9	0.7	11.1	5.9	126.
12.9	36.0	3272.2	682.0	0.2	-21.7	282.3	21.1	20.6	-4.5	305.1	308.2	1.0	17.3	6.7	123.
13.2	37.0	3378.5	673.0	-0.3	-19.2	281.5	21.7	21.2	-4.3	305.7	309.6	1.2	22.4	7.1	122.
13.6	38.0	3486.0	664.0	-1.6	-19.0	280.0	22.4	22.0	-3.9	305.5	309.5	1.3	25.0	7.6	121.
14.0	39.0	3594.5	655.0	-2.0	-17.5	278.4	22.9	22.6	-3.3	306.1	310.7	1.5	29.3	8.1	119.
14.4	40.0	3704.3	646.0	-3.1	-15.6	276.7	23.1	22.9	-2.7	306.2	311.5	1.7	37.3	8.6	118.
14.9	41.0	3839.9	635.0	-4.4	-15.4	274.4	23.0	22.9	-1.8	306.3	311.8	1.8	41.9	9.3	116.
15.3	42.0	3952.3	626.0	-5.3	-14.9	271.9	22.7	22.7	-0.8	306.5	312.3	1.9	46.7	9.8	115.
15.7	43.0	4040.4	619.0	-6.3	-15.1	268.8	22.6	22.6	0.5	306.2	312.0	1.9	49.5	10.3	114.
16.1	44.0	4154.9	610.0	-6.9	-15.1	265.1	22.7	22.6	1.9	306.8	312.8	1.9	52.2	10.8	112.
16.5	45.0	4283.7	600.0	-7.8	-15.6	261.0	22.9	22.6	3.6	307.3	313.0	1.9	53.4	11.3	111.
16.9	46.0	4388.1	592.0	-8.1	-15.6	257.9	23.3	22.8	4.9	308.1	314.0	1.9	54.6	11.7	110.
17.4	47.0	4493.7	584.0	-8.7	-16.9	257.3	24.3	23.7	5.4	308.6	314.0	1.7	51.3	12.2	108.
17.8	48.0	4600.6	576.0	-8.7	-21.5	258.9	25.1	24.7	4.8	309.7	313.5	1.2	34.7	12.8	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
1115 GMT

159 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.1	49.0	4708.9	568.0	-9.3	-23.7	260.4	25.8	25.4	4.3	310.3	313.5	1.0	29.9	13.2	105.
18.6	50.0	4818.4	560.0	-10.0	-23.7	262.3	26.4	26.2	3.5	310.7	313.9	1.0	31.6	13.9	104.
19.1	51.0	4971.1	549.0	-10.9	-23.8	263.3	26.3	26.1	3.1	311.4	314.7	1.0	33.5	14.7	103.
19.5	52.0	5083.8	541.0	-11.7	-25.4	263.6	25.8	25.6	2.9	311.7	314.6	0.9	30.9	15.3	102.
19.9	53.0	5197.7	533.0	-12.6	-26.7	263.6	24.9	24.8	2.8	312.0	314.6	0.8	29.6	15.9	102.
20.3	54.0	5313.0	525.0	-13.6	-28.5	263.9	24.5	24.4	2.6	312.1	314.4	0.7	27.1	16.4	101.
20.8	55.0	5414.9	518.0	-14.4	-29.5	265.0	24.6	24.5	2.1	312.3	314.4	0.6	26.4	17.1	100.
21.2	56.0	5562.5	508.0	-15.0	-31.3	266.5	25.1	25.1	1.6	313.4	315.2	0.5	23.3	17.7	100.
21.7	57.0	5667.3	501.0	-16.1	-32.5	268.7	26.5	26.5	0.6	313.3	314.9	0.5	22.6	18.4	99.
22.1	58.0	5773.2	494.0	-16.4	-36.6	270.6	27.8	27.8	-0.3	314.2	315.3	0.3	15.4	19.0	99.
22.5	59.0	5911.2	485.0	-17.3	-37.7	272.1	29.0	29.0	-1.0	314.6	315.7	0.3	15.0	19.8	99.
22.9	60.0	6020.1	478.0	-17.7	-40.1	272.2	29.7	29.7	-1.1	315.4	316.3	0.2	12.0	20.5	98.
23.4	61.0	6130.4	471.0	-18.3	-42.8	270.9	30.8	30.8	-0.5	316.1	316.7	0.2	9.4	21.3	98.
23.8	62.0	6242.0	464.0	-19.1	-43.9	269.1	31.0	31.0	0.5	316.4	317.0	0.2	9.0	22.1	98.
24.1	63.0	6371.2	456.0	-20.0	-44.0	267.7	30.7	30.7	1.2	316.8	317.4	0.2	5.6	22.7	98.
24.5	64.0	6485.8	449.0	-20.7	-41.5	266.1	29.3	29.2	2.0	317.4	318.2	0.2	13.3	23.5	97.
25.0	65.0	6601.7	442.0	-21.8	-42.0	265.8	28.8	28.7	2.1	317.5	318.2	0.2	14.0	24.1	97.
25.5	66.0	6752.8	433.0	-23.1	-42.7	267.4	30.7	30.6	1.4	317.6	318.4	0.2	14.6	25.0	97.
25.9	67.0	6872.0	426.0	-24.0	-44.0	263.9	32.4	32.4	0.6	317.9	318.6	0.2	13.7	25.9	96.
26.4	68.0	6992.8	419.0	-24.4	-44.2	269.9	33.9	33.9	0.0	318.9	319.6	0.2	13.7	26.8	96.
26.8	69.0	7115.2	412.0	-25.7	-45.2	270.1	34.4	34.4	-0.1	318.8	319.4	0.2	13.9	27.7	96.
27.2	70.0	7239.2	405.0	-26.7	-45.4	270.2	34.1	34.1	-0.1	319.2	319.7	0.2	14.9	28.5	96.
27.8	71.0	7401.0	396.0	-28.0	-46.4	271.3	32.7	32.7	-0.7	319.5	320.0	0.1	15.1	29.7	95.
28.2	72.0	7510.4	390.0	-29.0	-47.8	272.7	32.4	32.4	-1.5	319.5	320.0	0.1	14.2	30.5	95.
28.7	73.0	7621.2	384.0	-29.7	-48.6	274.4	33.9	33.8	-2.6	320.1	320.5	0.1	13.8	31.4	95.
29.1	74.0	7752.0	377.0	-31.0	-51.7	275.3	35.6	35.5	-3.3	320.0	320.3	0.1	10.9	32.2	95.
29.5	75.0	7865.6	371.0	-32.0	-52.5	276.1	36.5	36.3	-3.9	320.1	320.4	0.1	10.5	33.2	95.
30.0	76.0	7999.9	364.0	-32.8	-55.9	277.7	33.9	33.6	-4.6	320.8	321.0	0.1	7.8	34.3	95.
30.3	77.0	8116.6	358.0	-34.0	-57.9	279.3	31.9	31.5	-5.2	320.7	320.9	0.0	6.8	34.9	95.
30.9	78.0	8234.7	352.0	-35.2	-59.3	282.6	29.8	29.1	-6.5	320.7	320.8	0.0	6.4	35.9	96.
31.3	79.0	8374.4	345.0	-36.1	-61.4	283.3	30.7	29.9	-7.1	321.3	321.4	0.0	5.3	36.6	96.
31.8	80.0	8475.6	340.0	-37.2	-67.5	283.1	32.9	32.1	-7.5	321.2	321.2	0.0	2.4	37.5	96.
32.3	81.0	8639.7	332.0	-38.5	-74.8	282.9	34.6	33.8	-7.8	321.5	321.5	0.0	1.0	38.6	96.
32.8	82.0	8764.7	326.0	-39.6	-70.6	282.7	35.3	34.4	-7.7	321.7	321.8	0.0	2.1	39.6	96.
33.2	83.0	8891.6	320.0	-40.4	99.9	281.9	35.7	35.0	-7.4	322.4	999.9	99.9	999.9	40.4	96.
33.7	84.0	9020.3	314.0	-41.6	99.9	280.9	36.3	35.6	-6.9	322.5	999.9	99.9	999.9	41.5	97.
34.2	85.0	9150.8	308.0	-42.9	99.9	281.5	35.2	34.5	-7.0	322.5	999.9	99.9	999.9	42.7	97.
34.7	86.0	9305.4	301.0	-44.2	99.9	283.7	33.3	32.4	-7.9	322.7	999.9	99.9	999.9	43.7	97.
35.1	87.0	9417.5	296.0	-45.2	99.9	285.4	33.5	32.3	-8.9	322.9	999.9	99.9	999.9	44.5	97.
35.7	88.0	9553.8	290.0	-46.5	99.9	285.9	39.1	37.6	-10.7	322.9	999.9	99.9	999.9	45.5	97.
36.1	89.0	9669.0	285.0	-47.4	99.9	285.9	42.7	41.1	-11.7	323.3	999.9	99.9	999.9	46.6	97.
36.5	90.0	9809.4	279.0	-48.5	99.9	285.9	43.4	41.7	-11.9	323.6	999.9	99.9	999.9	47.9	98.
37.0	91.0	9928.1	274.0	-49.7	99.9	285.5	41.4	39.9	-11.1	323.6	999.9	99.9	999.9	48.9	98.
37.4	92.0	10072.6	268.0	-50.9	99.9	284.4	41.3	40.0	-10.3	323.9	999.9	99.9	999.9	49.9	98.
37.9	93.0	10195.0	263.0	-51.8	99.9	283.1	41.2	40.1	-9.3	324.4	999.9	99.9	999.9	51.1	98.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
1115 GMT

159 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.3	94.0	10344.1	257.0	-53.3	99.9	282.4	39.3	38.4	-8.4	324.2	999.9	99.9	999.9	52.3	98.
38.9	95.0	10470.2	252.0	-54.7	99.9	280.9	37.2	36.5	-7.0	324.0	999.9	99.9	999.9	53.4	98.
39.5	96.0	10624.1	246.0	-55.7	99.9	279.1	41.8	41.3	-6.6	324.8	999.9	99.9	999.9	54.7	98.
39.9	97.0	10781.1	240.0	-56.5	99.9	278.5	45.4	44.9	-6.7	325.9	999.9	99.9	999.9	55.9	98.
40.4	98.0	10914.2	235.0	-58.0	99.9	278.3	44.8	44.3	-6.5	325.6	999.9	99.9	999.9	57.5	98.
40.9	99.0	11022.1	231.0	-59.2	99.9	278.4	42.1	41.6	-6.2	325.4	999.9	99.9	999.9	58.8	98.
41.4	100.0	11159.4	226.0	-58.8	99.9	279.2	43.4*	42.8	-6.9	328.0	999.9	99.9	999.9	59.6	98.
41.9	101.0	11328.0	220.0	-59.7	99.9	281.2	46.1*	45.2	-8.9	329.2	999.9	99.9	999.9	61.3	98.
42.5	102.0	11471.2	215.0	-61.2	99.9	285.5	45.7*	44.0	-12.2	328.9	999.9	99.9	999.9	63.0	98.
43.0	103.0	11587.8	211.0	-61.2	99.9	289.5	44.5*	41.9	-14.9	330.7	999.9	99.9	999.9	64.2	99.
43.6	104.0	11737.3	206.0	-59.2	99.9	290.8	41.9*	39.1	-14.9	336.2	999.9	99.9	999.9	65.8	99.
44.1	105.0	11891.8	201.0	-58.0	99.9	289.1	36.2*	34.2	-11.9	340.5	999.9	99.9	999.9	67.2	99.
44.5	106.0	12018.7	197.0	-57.3	99.9	286.3	30.5*	29.3	-8.5	343.5	999.9	99.9	999.9	67.9	99.
45.0	107.0	12148.5	193.0	-57.0	99.9	281.2	25.6*	25.1	-5.0	346.1	999.9	99.9	999.9	68.6	99.
45.5	108.0	12314.7	188.0	-57.0	99.9	274.3	25.3*	25.2	-1.9	348.7	999.9	99.9	999.9	69.5	99.
45.9	109.0	12453.5	184.0	-58.0	99.9	269.8	30.0*	30.0	0.1	349.2	999.9	99.9	999.9	69.7	99.
46.4	110.0	12589.0	180.0	-58.1	99.9	266.1	36.3*	36.2	2.4	351.1	999.9	99.9	999.9	70.8	99.
47.1	111.0	12766.1	175.0	-59.0	99.9	261.2	37.2*	36.7	5.7	352.6	999.9	99.9	999.9	72.7	99.
47.6	112.0	12910.9	171.0	-59.7	99.9	259.0	35.3*	34.6	6.7	353.8	999.9	99.9	999.9	73.5	98.
48.1	113.0	13058.6	167.0	-60.5	99.9	259.8	35.3*	34.7	6.2	354.7	999.9	99.9	999.9	74.4	98.
48.8	114.0	13209.3	163.0	-61.4	99.9	262.0	34.8*	34.5	4.8	355.7	999.9	99.9	999.9	76.0	98.
49.2	115.0	13363.2	159.0	-61.8	99.9	263.0	34.1*	33.9	4.1	357.6	999.9	99.9	999.9	76.6	98.
50.0	116.0	13561.2	154.0	-61.4	99.9	262.9	30.5*	30.3	3.8	361.5	999.9	99.9	999.9	78.6	97.
50.8	117.0	13683.2	151.0	-61.4	99.9	264.9	33.5*	33.4	3.0	363.6	999.9	99.9	999.9	79.4	97.
51.4	118.0	13849.7	147.0	-61.4	99.9	265.5	41.9*	41.8	3.3	366.4	999.9	99.9	999.9	80.9	97.
52.0	119.0	14020.8	143.0	-61.4	99.9	263.6	42.3*	42.0	4.7	369.3	999.9	99.9	999.9	82.8	97.
52.6	120.0	14152.3	140.0	-61.4	99.9	261.2	34.1*	33.7	5.2	371.5	999.9	99.9	999.9	83.8	96.
53.1	121.0	14331.9	136.0	-61.8	99.9	262.2	31.4*	31.1	4.3	374.0	999.9	99.9	999.9	85.1	96.
53.6	122.0	14469.8	133.0	-62.5	99.9	268.1	36.1*	36.1	1.2	375.1	999.9	99.9	999.9	84.9	96.
54.1	123.0	14657.8	129.0	-63.4	99.9	273.1	39.5*	39.4	-2.1	376.7	999.9	99.9	999.9	87.3	96.
54.6	124.0	14801.7	126.0	-65.1	99.9	275.0	35.7*	35.6	-2.1	376.2	999.9	99.9	999.9	88.2	96.
55.1	125.0	14948.3	123.0	-65.7	99.9	273.8	34.2*	34.1	-2.3	377.7	999.9	99.9	999.9	89.0	96.
56.0	126.0	15148.9	119.0	-66.3	99.9	269.3	44.8*	44.8	0.5	380.2	999.9	99.9	999.9	91.1	96.
56.6	127.0	15303.4	116.0	-66.9	99.9	265.9	40.5*	40.4	2.9	381.9	999.9	99.9	999.9	93.0	96.
57.2	128.0	15515.3	112.0	-67.1	99.9	263.0	33.1*	32.9	4.0	385.4	999.9	99.9	999.9	94.1	96.
58.0	129.0	15678.8	109.0	-67.9	99.9	262.5	34.1*	33.8	4.5	386.8	999.9	99.9	999.9	95.1	96.
58.7	130.0	15846.2	106.0	-68.8	99.9	258.1	27.6*	27.0	5.7	388.3	999.9	99.9	999.9	97.2	95.
59.2	131.0	16017.8	103.0	-69.4	99.9	253.6	20.4*	19.6	5.8	390.3	999.9	99.9	999.9	97.6	95.
60.0	132.0	16194.1	100.0	-69.6	99.9	267.2	27.8*	27.7	1.4	393.2	999.9	99.9	999.9	98.1	95.
60.6	133.0	16375.2	97.0	-70.7	99.9	274.0	44.8*	44.7	-3.1	394.5	999.9	99.9	999.9	99.4	95.
61.2	134.0	16561.5	94.0	-70.7	99.9	275.9	47.4*	47.2	-4.9	398.1	999.9	99.9	999.9	101.7	95.
61.9	135.0	16754.0	91.0	-70.5	99.9	276.6	33.6*	33.3	-3.9	402.2	999.9	99.9	999.9	103.4	95.
62.8	136.0	16953.6	88.0	-69.2	99.9	277.1	29.4*	29.2	-3.6	408.7	999.9	99.9	999.9	104.7	95.
63.6	137.0	17160.9	85.0	-69.0	99.9	275.4	41.3*	41.1	-3.9	413.2	999.9	99.9	999.9	106.1	95.
64.2	138.0	17375.1	82.0	-70.3	99.9	273.1	41.0*	41.0	-2.2	414.9	999.9	99.9	999.9	108.2	95.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TFX

6 FEBRUARY 1975  
1115 GMT

159 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.1	139.0	17672.3	78.0	-70.3	99.9	268.5	30.3*	30.3	0.8	420.8	999.9	99.9	999.9	110.0	95.
66.0	140.0	17905.1	75.0	-70.7	99.9	263.0	26.8*	26.6	2.3	424.7	999.9	99.9	999.9	111.4	95.
66.9	141.0	18147.2	72.0	-70.7	99.9	262.2	26.3*	26.1	3.6	429.6	999.9	99.9	999.9	112.8	95.
67.9	142.0	18401.0	69.0	-68.4	99.9	266.7	26.1*	26.0	1.5	440.0	999.9	99.9	999.9	114.3	95.
68.9	143.0	18668.6	66.0	-66.9	99.9	271.8	28.2*	28.2	-0.9	448.7	999.9	99.9	999.9	115.9	94.
69.8	144.0	18949.8	63.0	-66.7	99.9	274.0	29.4*	29.3	-2.1	455.2	999.9	99.9	999.9	117.5	94.
70.8	145.0	19244.4	60.0	-67.3	99.9	270.9	28.7*	28.7	-0.4	460.2	999.9	99.9	999.9	119.3	94.
71.8	146.0	19553.6	57.0	-67.3	99.9	269.4	17.6*	17.6	0.2	467.0	999.9	99.9	999.9	121.1	94.
72.9	147.0	19879.9	54.0	-66.9	99.9	256.5	3.1*	3.0	0.7	475.2	999.9	99.9	999.9	121.6	94.
74.1	148.0	20109.1	52.0	-64.8	99.9	224.4	6.2*	4.3	4.4	485.4	999.9	99.9	999.9	121.5	94.
75.4	149.0	20473.5	49.0	-62.9	99.9	255.7	25.1*	24.4	6.2	498.2	999.9	99.9	999.9	122.6	94.
76.8	150.0	20864.9	46.0	-60.4	99.9	253.2	19.5*	18.6	5.6	513.3	999.9	99.9	999.9	124.7	94.
78.1	151.0	21142.0	44.0	-60.4	99.9	113.3	0.6*	-0.5	0.2	519.9	999.9	99.9	999.9	124.9	94.
79.5	152.0	21579.6	41.0	-62.9	99.9	266.4	28.4*	28.4	1.8	524.3	999.9	99.9	999.9	126.3	94.
80.8	153.0	22045.5	38.0	-64.8	99.9	270.3	14.9*	14.9	-0.1	531.0	999.9	99.9	999.9	128.0	93.
82.0	154.0	22375.8	36.0	-64.4	99.9	261.3	12.5*	12.3	1.9	540.3	999.9	99.9	999.9	129.4	93.
83.7	155.0	22909.1	33.0	-63.4	99.9	269.7	21.2*	21.1	0.1	556.4	999.9	99.9	999.9	131.0	93.
85.3	156.0	23497.4	30.0	-61.4	99.9	272.1	33.8*	33.8	-1.2	577.2	999.9	99.9	999.9	133.6	93.
86.9	157.0	23925.5	28.0	-61.2	99.9	265.5	18.6*	18.5	1.5	589.2	999.9	99.9	999.9	135.1	93.
89.1	158.0	24638.2	25.0	-55.7	99.9	276.0	28.9*	28.7	-5.0	624.6	999.9	99.9	999.9	138.9	93.
91.2	159.0	25450.7	22.0	-56.7	99.9	263.0	21.9*	21.7	2.7	645.0	999.9	99.9	999.9	141.7	93.
93.9	160.0	26055.1	20.0	-56.7	99.9	263.1	26.2*	26.1	3.1	662.8	999.9	99.9	999.9	144.8	93.
96.3	161.0	27078.1	17.0	-59.8	99.9	273.2	43.8*	43.7	-2.5	684.1	999.9	99.9	999.9	148.4	93.
99.1	162.0	28257.0	14.0	-57.8	99.9	999.9	99.9	99.9	99.9	730.1	999.9	99.9	999.9	999.9	999.

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
1415 GMT

152 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	33.0	1019.0	5.6	1.2	360.0	13.4	0.0	-13.4	277.8	288.3	4.1	73.0	0.0	0.
0.4	5.0	89.2	1012.0	4.1	-2.2	999.9	99.9	99.9	99.9	276.7	285.0	3.2	63.9	999.9	999.
0.7	6.0	210.6	997.0	3.5	-0.3	999.9	99.9	99.9	99.9	277.4	287.1	3.8	75.8	999.9	999.
0.9	7.0	300.5	986.0	2.0	-0.3	999.9	99.9	99.9	99.9	276.8	286.2	3.7	81.2	999.9	999.
1.3	8.0	399.3	974.0	1.4	-0.8	999.9	99.9	99.9	99.9	277.1	286.6	3.7	85.4	999.9	999.
1.5	9.0	482.3	964.0	0.2	-0.9	999.9	99.9	99.9	99.9	276.7	286.3	3.7	91.8	999.9	999.
1.8	10.0	574.3	953.0	-0.6	-1.4	2.3	17.2	-0.7	-17.2	276.8	286.1	3.6	93.8	1.4	180.
2.1	11.0	684.0	940.0	-1.4	-1.8	2.3	18.2	-0.7	-18.2	277.1	286.3	3.6	96.9	1.7	180.
2.4	12.0	778.9	929.0	4.2	2.7	359.5	17.7	0.1	-17.7	283.9	297.0	5.0	90.0	2.1	181.
2.8	13.0	876.1	918.0	4.9	3.9	353.3	14.9	1.7	-14.8	285.7	300.1	5.5	93.2	2.5	180.
3.1	14.0	974.6	907.0	4.6	4.4	346.6	12.9	3.0	-12.5	286.3	301.4	5.8	98.6	2.7	179.
3.5	15.0	1074.2	896.0	4.6	4.4	336.9	11.5	4.5	-10.6	287.3	302.7	5.9	99.0	3.0	178.
3.9	16.0	1193.5	883.0	4.6	4.5	315.9	9.2	6.4	-6.6	288.5	304.3	6.0	99.2	3.3	175.
4.2	17.0	1296.0	872.0	5.3	5.1	300.8	8.5	7.3	-4.4	290.3	307.1	6.3	98.7	3.3	173.
4.6	18.0	1390.4	862.0	5.3	3.8	287.7	8.5	8.1	-2.6	291.2	306.9	5.9	90.5	3.4	170.
4.9	19.0	1495.5	851.0	5.3	4.3	289.2	9.2	8.7	-3.0	292.3	308.7	6.1	93.5	3.5	168.
5.3	20.0	1592.2	841.0	4.7	3.7	290.8	9.9	9.3	-7.5	292.8	308.8	6.0	93.2	3.6	165.
5.7	21.0	1719.3	828.0	4.4	3.2	291.2	10.3	9.6	-3.7	293.7	309.6	5.9	92.9	3.8	162.
6.0	22.0	1813.4	818.0	4.1	2.5	290.7	10.3	9.6	-3.6	294.3	309.6	5.7	90.1	3.9	160.
6.4	23.0	1928.6	807.0	3.5	2.0	294.0	10.7	9.8	-4.4	294.9	309.8	5.5	89.3	4.1	157.
6.7	24.0	2019.7	798.0	3.0	-2.2	294.9	10.7	9.7	-4.5	295.1	306.5	4.1	68.5	4.2	155.
7.0	25.0	2122.0	788.0	3.4	-2.5	295.1	10.4	9.4	-4.4	296.5	307.9	4.1	65.4	4.4	154.
7.4	26.0	2257.1	775.0	3.5	-3.7	289.8	9.7	9.1	-3.3	298.1	308.7	3.8	59.1	4.6	152.
7.8	27.0	2362.4	765.0	2.5	-4.7	280.1	9.2	9.1	-1.6	298.1	308.0	3.5	58.6	4.8	150.
8.1	28.0	2468.7	755.0	1.9	-5.3	271.9	9.4	9.4	-0.3	298.5	307.8	3.3	56.7	4.8	149.
8.5	29.0	2565.4	746.0	1.4	-6.4	262.9	10.6	10.5	1.3	298.9	308.0	3.2	55.9	4.9	147.
8.8	30.0	2674.2	736.0	1.7	-8.7	260.9	12.1	12.0	1.9	300.4	308.2	2.7	45.7	5.0	145.
9.2	31.0	2784.6	726.0	2.5	-20.3	261.4	14.1	14.0	2.1	302.2	305.5	1.0	16.6	5.1	141.
9.5	32.0	2885.3	717.0	2.0	-20.0	263.5	15.6	15.5	1.8	302.8	306.2	1.1	17.6	5.3	138.
9.9	33.0	2998.6	707.0	1.7	-18.3	269.0	17.5	17.5	0.3	303.7	307.6	1.3	20.0	5.5	135.
10.2	34.0	3101.6	698.0	0.7	-16.1	272.0	18.9	18.9	-0.7	303.7	308.5	1.6	27.0	5.8	133.
10.7	35.0	3205.7	689.0	0.1	-14.1	274.4	20.9	20.8	-1.6	304.2	309.8	1.9	33.5	6.3	130.
11.0	36.0	3346.3	677.0	-0.7	-12.7	274.4	21.8	21.8	-1.7	304.8	311.2	2.1	35.8	6.6	128.
11.4	37.0	3453.1	668.0	-1.4	-12.1	272.3	22.5	22.5	-0.9	305.3	312.1	2.3	43.7	7.1	125.
11.8	38.0	3561.1	659.0	-2.0	-13.4	270.3	23.1	23.1	-0.1	305.7	312.0	2.1	41.4	7.5	123.
12.1	39.0	3670.2	650.0	-2.9	-16.2	269.2	23.6	23.6	0.3	305.8	310.9	1.7	35.0	7.9	121.
12.6	40.0	3780.5	641.0	-3.9	-15.3	268.7	25.0	25.0	0.6	306.0	311.6	1.8	40.6	8.4	119.
13.0	41.0	3917.0	630.0	-4.8	-14.4	268.9	26.3	26.3	0.5	306.5	312.5	2.0	46.6	9.0	117.
13.3	42.0	4030.1	621.0	-5.4	-13.1	268.6	27.1	27.0	0.6	307.1	313.9	2.2	54.3	9.5	115.
13.7	43.0	4144.6	612.0	-6.0	-13.5	267.8	27.7	27.7	1.0	307.7	314.4	2.2	55.3	10.1	114.
14.0	44.0	4260.6	603.0	-6.4	-14.5	266.9	28.0	28.0	1.5	308.5	314.7	2.0	52.4	10.5	112.
14.4	45.0	4365.0	593.0	-6.7	-16.2	265.6	28.4	28.3	2.2	309.3	314.9	1.8	46.9	11.1	111.
14.8	46.0	4484.1	586.0	-6.4	-18.3	264.8	28.6	28.5	2.6	310.9	315.7	1.5	38.3	11.7	109.
15.1	47.0	4591.4	578.0	-7.3	-20.2	264.6	28.7	28.6	2.7	311.1	315.2	1.3	34.7	12.2	108.
15.6	48.0	4713.5	569.0	-8.1	-20.5	265.6	28.6	28.5	2.2	311.6	315.7	1.3	35.8	13.0	107.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
1415 GMT

152 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.9	49.0	4823.4	561.0	-9.0	-20.2	267.2	28.8	28.7	1.4	311.8	316.2	1.4	39.6	13.5	106.
16.3	50.0	4934.5	553.0	-9.5	-20.8	269.8	29.4	29.4	0.1	312.4	316.6	1.3	39.1	14.1	105.
16.8	51.0	5089.3	542.0	-10.8	-22.1	272.7	30.2	30.1	-1.4	312.6	316.5	1.2	38.8	15.0	104.
17.1	52.0	5203.5	534.0	-11.7	-29.3	274.1	30.4	30.3	-2.2	312.9	314.9	0.6	20.5	15.6	104.
17.5	53.0	5319.0	526.0	-12.1	-25.0	275.4	30.4	30.3	-2.9	313.8	316.9	0.9	33.2	16.3	104.
17.9	54.0	5450.8	517.0	-13.1	-31.6	276.0	30.4	30.2	-3.2	314.1	315.8	0.5	19.3	17.0	103.
18.4	55.0	5554.5	510.0	-14.1	-29.2	275.4	30.4	30.3	-2.9	314.1	316.3	0.7	26.4	18.0	103.
18.9	56.0	5689.4	501.0	-15.1	-27.7	273.7	30.5	30.4	-3.0	314.5	317.1	0.8	32.9	18.8	102.
19.3	57.0	5810.9	493.0	-15.8	-29.7	272.4	30.6	30.6	-1.3	315.1	317.3	0.7	29.0	19.5	102.
19.8	58.0	5934.3	485.0	-15.9	-32.6	271.4	30.7	30.7	-0.8	316.4	318.1	0.5	22.1	20.5	102.
20.1	59.0	6043.8	478.0	-16.2	-34.8	271.2	30.8	30.8	-0.7	317.4	318.8	0.4	18.2	21.0	101.
20.7	60.0	6170.7	470.0	-17.0	-37.1	270.9	30.9	30.9	-0.5	317.9	319.1	0.3	15.4	22.1	101.
21.0	61.0	6283.2	463.0	-17.4	-41.2	270.3	30.8	30.8	-0.2	318.7	319.5	0.2	10.4	22.7	101.
21.5	62.0	6413.5	455.0	-18.5	-42.4	269.0	30.4	30.4	0.5	318.9	319.7	0.2	10.0	23.6	100.
21.9	63.0	6528.9	448.0	-19.6	-44.2	269.0	30.7	30.7	0.5	319.0	319.6	0.2	9.0	24.2	100.
22.3	64.0	6645.8	441.0	-20.1	-47.8	269.8	31.6	31.6	0.1	319.8	320.2	0.1	6.3	25.0	100.
22.7	65.0	6781.2	433.0	-21.2	-48.5	271.0	32.6	32.5	-0.6	320.1	320.5	0.1	6.5	25.8	99.
23.1	66.0	6935.8	424.0	-22.5	-50.1	272.5	33.1	33.1	-1.4	320.3	320.6	0.1	6.0	26.5	99.
23.5	67.0	7057.7	417.0	-24.0	-47.7	274.1	32.9	32.8	-2.3	319.9	320.4	0.1	9.0	27.3	99.
23.9	68.0	7181.0	410.0	-25.2	-48.5	275.6	31.4	31.3	-3.1	320.0	320.4	0.1	9.1	28.3	99.
24.3	69.0	7305.8	403.0	-26.1	-50.3	277.0	30.4	30.2	-3.7	320.3	320.7	0.1	8.1	28.8	99.
24.7	70.0	7414.2	397.0	-26.7	-51.3	278.0	30.2	29.9	-4.2	320.9	321.2	0.1	7.7	29.5	99.
25.2	71.0	7579.4	388.0	-27.8	-56.7	278.8	30.6	30.2	-4.7	321.6	321.8	0.0	4.3	30.5	99.
25.6	72.0	7709.9	381.0	-29.0	-57.4	279.4	30.5	30.1	-5.0	321.7	321.9	0.0	4.5	31.2	99.
26.0	73.0	7823.2	375.0	-30.2	-55.5	280.2	30.2	29.7	-5.3	321.6	321.8	0.1	6.4	32.1	99.
26.5	74.0	7956.9	368.0	-31.3	-53.8	281.8	31.4	30.7	-5.4	321.8	322.0	0.1	8.8	32.6	99.
26.9	75.0	8073.2	362.0	-32.3	-55.5	283.7	32.7	31.8	-7.8	322.0	322.3	0.1	7.8	33.7	99.
27.4	76.0	8210.8	355.0	-32.9	-57.2	286.0	34.6	33.3	-7.5	323.0	323.1	0.0	6.7	34.6	99.
27.8	77.0	8330.4	349.0	-34.2	-58.7	286.7	35.6	34.1	-17.2	322.8	322.9	0.0	6.3	35.3	99.
28.3	78.0	8451.4	343.0	-35.4	-55.7	286.5	33.8	32.4	-9.6	322.7	323.0	0.1	10.3	36.7	99.
28.7	79.0	8574.0	337.0	-36.8	-55.5	286.0	30.9	29.7	-8.5	322.6	322.8	0.1	12.0	37.6	100.
29.1	80.0	8719.0	330.0	-37.7	-52.7	285.5	29.1	28.0	-7.8	323.2	323.5	0.1	18.3	37.9	100.
29.8	81.0	8866.4	323.0	-39.2	-53.9	284.5	33.1	32.0	-8.3	323.2	323.4	0.1	18.9	39.2	100.
30.2	82.0	8954.6	317.0	-40.3	99.9	284.2	34.4	33.4	-3.4	323.5	999.9	99.9	999.9	40.2	100.
30.8	83.0	9124.6	311.0	-41.5	99.9	284.7	33.5	32.4	-1.5	323.6	999.9	99.9	999.9	41.3	100.
31.1	84.0	9256.6	305.0	-42.4	99.9	285.2	33.0	31.9	-3.7	324.0	999.9	99.9	999.9	41.9	100.
31.7	85.0	9390.6	299.0	-43.3	99.9	286.3	33.7	32.3	-9.5	324.7	999.9	99.9	999.9	43.1	100.
32.1	86.0	9526.6	293.0	-44.8	99.9	286.8	35.2	33.7	-10.2	324.4	999.9	99.9	999.9	43.9	100.
32.7	87.0	9664.6	287.0	-45.9	99.9	286.9	39.7	38.0	-11.5	324.7	999.9	99.9	999.9	45.2	101.
33.0	88.0	9805.0	281.0	-46.8	99.9	286.7	42.5	40.7	-12.2	325.4	999.9	99.9	999.9	45.9	101.
33.6	89.0	9947.6	275.0	-48.3	99.9	285.8	45.0	43.4	-12.2	325.4	999.9	99.9	999.9	47.5	101.
34.0	90.0	10068.4	270.0	-48.8	99.9	285.1	43.9	42.4	-11.4	326.2	999.9	99.9	999.9	48.7	101.
34.5	91.0	10190.8	265.0	-50.0	99.9	283.7	42.0	40.8	-10.0	326.2	999.9	99.9	999.9	50.2	101.
34.9	92.0	10340.1	259.0	-51.4	99.9	282.1	43.0	42.1	-9.0	326.4	999.9	99.9	999.9	50.5	101.
35.4	93.0	10466.4	254.0	-52.6	99.9	280.3	42.2	41.5	-7.5	326.4	999.9	99.9	999.9	52.6	101.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
1415 GMT

152 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.9	94.0	10594.4	249.0	-54.0	99.9	279.0	37.3	36.8	-5.8	326.2	999.9	99.9	999.9	53.5	101.
36.5	95.0	10724.2	244.0	-55.3	99.9	278.4	34.4	34.0	-5.0	326.2	999.9	99.9	999.9	54.7	101.
37.0	96.0	10882.6	238.0	-56.6	99.9	278.5	37.4	37.0	-5.5	326.5	999.9	99.9	999.9	55.5	101.
37.5	97.0	11016.9	233.0	-57.9	99.9	278.4	38.1	37.7	-5.6	326.5	999.9	99.9	999.9	57.2	101.
37.9	98.0	11153.3	228.0	-59.1	99.9	278.2	36.4	36.0	-5.2	326.7	999.9	99.9	999.9	57.8	101.
38.5	99.0	11292.0	223.0	-60.3	99.9	278.5	36.6	36.2	-5.4	326.9	999.9	99.9	999.9	59.1	101.
38.9	100.0	11433.3	218.0	-60.3	99.9	280.1	41.1	40.4	-7.2	329.1	999.9	99.9	999.9	59.8	101.
39.6	101.0	11577.8	213.0	-60.8	99.9	284.2	47.3	45.9	-11.6	330.4	999.9	99.9	999.9	61.9	101.
40.0	102.0	11725.4	208.0	-61.2	99.9	286.6	46.6	44.7	-13.4	332.1	999.9	99.9	999.9	63.1	101.
40.4	103.0	11876.8	203.0	-60.3	99.9	287.4	40.9	39.0	-12.2	335.9	999.9	99.9	999.9	64.4	101.
40.9	104.0	12033.8	198.0	-56.1	99.9	286.2	33.3	32.0	-7.3	345.0	999.9	99.9	999.9	65.3	101.
41.4	105.0	12163.7	194.0	-55.9	99.9	283.3	28.8	28.0	-5.6	347.2	999.9	99.9	999.9	66.1	101.
41.8	106.0	12329.7	189.0	-56.2	99.9	281.1	27.7	27.2	-5.4	349.3	999.9	99.9	999.9	66.8	101.
42.3	107.0	12465.5	185.0	-56.6	99.9	279.0	28.7*	28.3	-4.5	350.9	999.9	99.9	999.9	67.6	101.
42.8	108.0	12603.9	181.0	-57.4	99.9	276.9	30.6*	30.4	-3.7	351.8	999.9	99.9	999.9	68.3	101.
43.5	109.0	12745.0	177.0	-57.7	99.9	272.0	31.1*	31.0	-1.1	353.5	999.9	99.9	999.9	70.5	101.
43.9	110.0	12889.2	173.0	-57.9	99.9	268.7	33.8*	33.8	0.8	355.5	999.9	99.9	999.9	70.2	101.
44.3	111.0	13073.4	168.0	-59.4	99.9	266.6	38.1*	38.0	2.3	356.0	999.9	99.9	999.9	71.2	101.
44.8	112.0	13224.0	164.0	-60.1	99.9	263.9	40.7*	40.5	4.4	357.3	999.9	99.9	999.9	72.8	101.
45.3	113.0	13377.7	160.0	-61.2	99.9	260.6	39.1*	38.5	6.4	358.0	999.9	99.9	999.9	73.8	100.
45.8	114.0	13535.2	156.0	-60.5	99.9	259.8	38.3*	37.7	6.8	361.8	999.9	99.9	999.9	74.7	100.
46.3	115.0	13697.4	152.0	-59.4	99.9	262.4	41.4*	41.0	5.4	366.3	999.9	99.9	999.9	75.9	100.
47.0	116.0	13864.3	148.0	-59.6	99.9	267.4	48.2*	48.1	2.2	368.8	999.9	99.9	999.9	77.2	99.
47.5	117.0	14035.5	144.0	-60.1	99.9	270.0	46.9*	46.9	0.0	370.8	999.9	99.9	999.9	79.6	99.
48.0	118.0	14211.2	140.0	-60.3	99.9	272.2	40.7*	40.7	-1.6	373.5	999.9	99.9	999.9	80.6	99.
48.5	119.0	14346.1	137.0	-60.8	99.9	275.2	36.9*	36.7	-3.4	374.9	999.9	99.9	999.9	81.3	99.
49.1	120.0	14530.0	133.0	-61.5	99.9	278.7	33.4*	33.0	-5.0	376.8	999.9	99.9	999.9	83.1	99.
49.7	121.0	14671.1	130.0	-62.5	99.9	279.5	30.8*	30.4	-5.1	377.6	999.9	99.9	999.9	84.0	99.
50.2	122.0	14814.9	127.0	-63.4	99.9	278.2	33.5*	33.1	-4.7	378.5	999.9	99.9	999.9	84.8	99.
50.8	123.0	15011.2	123.0	-64.1	99.9	276.8	38.8*	38.5	-4.6	380.6	999.9	99.9	999.9	86.3	99.
51.4	124.0	15162.3	120.0	-64.3	99.9	275.1	39.7*	39.5	-3.6	383.0	999.9	99.9	999.9	87.6	99.
51.9	125.0	15316.9	117.0	-65.1	99.9	272.7	36.5*	36.5	-1.7	384.3	999.9	99.9	999.9	89.1	99.
52.8	126.0	15528.4	113.0	-66.1	99.9	270.5	30.9*	30.9	-0.3	386.3	999.9	99.9	999.9	90.6	99.
53.2	127.0	15691.4	110.0	-66.5	99.9	270.9	32.7*	32.7	-0.5	388.6	999.9	99.9	999.9	91.3	99.
53.8	128.0	15858.4	107.0	-67.5	99.9	272.7	39.4*	39.3	-1.9	389.7	999.9	99.9	999.9	92.4	98.
54.4	129.0	16087.3	103.0	-68.5	99.9	275.4	40.6*	40.4	-3.8	392.0	999.9	99.9	999.9	94.3	98.
54.9	130.0	16264.4	100.0	-68.8	99.9	277.1	34.3*	34.1	-4.2	394.9	999.9	99.9	999.9	95.5	98.
55.7	131.0	16446.3	97.0	-69.6	99.9	275.1	32.3*	32.2	-2.9	396.7	999.9	99.9	999.9	96.6	98.
56.4	132.0	16633.6	94.0	-69.6	99.9	271.5	36.8*	36.8	-0.9	400.3	999.9	99.9	999.9	98.4	98.
57.1	133.0	16827.3	91.0	-69.0	99.9	269.4	37.7*	37.7	0.4	405.3	999.9	99.9	999.9	99.7	98.
57.8	134.0	17028.0	88.0	-68.5	99.9	269.5	39.4*	39.4	0.4	410.0	999.9	99.9	999.9	101.4	98.
58.5	135.0	17235.8	85.0	-68.8	99.9	269.7	34.5*	34.5	0.2	413.7	999.9	99.9	999.9	103.1	98.
59.2	136.0	17451.3	82.0	-67.9	99.9	272.5	30.1*	30.1	-1.3	419.7	999.9	99.9	999.9	104.3	98.
59.9	137.0	17675.3	79.0	-68.1	99.9	273.0	29.6*	29.5	-1.5	423.7	999.9	99.9	999.9	105.5	98.
60.7	138.0	17906.6	76.0	-70.3	99.9	268.3	30.9*	30.9	0.9	424.0	999.9	99.9	999.9	106.9	98.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN \* AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
1415 GMT

152 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	PH PCT	RANGE KM	AZ DG
61.6	139.0	18228.2	72.0	-69.8	99.9	262.8	32.2*	31.9	4.0	431.5	999.9	99.9	999.9	108.7	97.
62.4	140.0	18482.5	69.0	-68.5	99.9	265.4	28.9*	28.8	2.3	439.6	999.9	99.9	999.9	110.1	97.
63.3	141.0	18750.1	66.0	-66.7	99.9	274.3	22.1*	22.0	-1.6	449.2	999.9	99.9	999.9	111.6	97.
64.3	142.0	19032.1	63.0	-65.7	99.9	277.1	32.4*	32.2	-4.0	457.5	999.9	99.9	999.9	112.8	97.
65.2	143.0	19328.5	60.0	-65.9	99.9	274.6	26.8*	26.7	-2.2	463.4	999.9	99.9	999.9	114.9	97.
66.2	144.0	19640.6	57.0	-64.9	99.9	213.2	7.1*	3.9	5.9	472.5	999.9	99.9	999.9	115.7	97.
67.4	145.0	19970.4	54.0	-64.9	99.9	260.3	22.0*	21.7	3.7	479.9	999.9	99.9	999.9	116.2	97.
68.6	146.0	20320.5	51.0	-63.2	99.9	262.9	13.7*	13.6	1.7	491.8	999.9	99.9	999.9	117.9	97.
69.8	147.0	20693.5	48.0	-63.0	99.9	267.3	19.1*	19.1	0.9	500.8	999.9	99.9	999.9	118.3	97.
71.0	148.0	21093.7	45.0	-60.0	99.9	260.4	11.9*	11.7	2.0	517.6	999.9	99.9	999.9	120.0	96.
72.2	149.0	21524.2	42.0	-60.3	99.9	268.2	16.5*	16.5	0.5	527.0	999.9	99.9	999.9	121.1	96.
73.4	150.0	21984.7	39.0	-61.7	99.9	247.5	13.6*	12.5	5.2	534.7	999.9	99.9	999.9	121.4	96.
74.8	151.0	22480.0	36.0	-62.1	99.9	268.0	29.3*	29.3	1.0	546.2	999.9	99.9	999.9	123.1	96.
76.3	152.0	23017.9	33.0	-62.1	99.9	243.5	9.4*	8.4	4.2	559.9	999.9	99.9	999.9	124.7	96.
77.9	153.0	23408.1	31.0	-58.1	99.9	282.9	18.8*	18.3	-4.2	580.9	999.9	99.9	999.9	126.4	96.
79.7	154.0	24280.2	27.0	-57.2	99.9	999.9	99.9	99.9	99.9	606.7	999.9	99.9	999.9	999.9	999.
81.2	155.0	24770.1	25.0	-54.5	99.9	999.9	99.9	99.9	99.9	628.1	999.9	99.9	999.9	999.9	999.

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
1715 GMT

153 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.1	33.0	1021.6	6.1	-1.5	360.0	11.8	0.0	-11.8	278.0	286.7	3.3	58.0	0.0	0.
0.2	4.0	118.3	1011.0	4.7	-2.8	999.9	99.9	99.9	99.9	277.4	285.4	3.1	58.3	999.9	999.
0.8	5.0	223.4	998.0	2.7	-3.7	999.9	99.9	99.9	99.9	276.3	283.9	2.9	62.6	999.9	999.
1.3	6.0	345.9	983.0	2.3	-2.8	999.9	99.9	99.9	99.9	277.2	285.5	3.2	65.0	999.9	999.
1.6	7.0	453.2	970.0	0.7	-4.1	999.9	99.9	99.9	99.9	276.6	284.2	2.9	70.0	999.9	999.
2.0	8.0	553.0	958.0	-0.4	-5.0	999.9	99.9	99.9	99.9	276.4	283.6	2.7	71.1	999.9	999.
2.4	9.0	653.7	946.0	-1.1	-5.2	6.7	16.1	-1.9	-16.0	276.8	284.0	2.8	73.7	2.2	182.
2.7	10.0	755.6	934.0	-1.2	-5.9	6.4	16.9	-1.9	-16.8	277.6	284.5	2.6	70.5	2.5	183.
3.1	11.0	884.9	919.0	-0.4	-6.4	4.3	16.7	-1.3	-16.7	279.7	286.6	2.6	63.9	2.9	184.
3.5	12.0	990.6	907.0	2.3	-5.3	0.2	13.4	-0.0	-13.4	283.6	291.3	2.8	57.1	3.3	183.
3.9	13.0	1089.7	896.0	5.0	-7.9	346.3	11.0	2.6	-10.7	287.4	293.9	2.4	38.7	3.6	183.
4.2	14.0	1209.2	883.0	5.7	-5.5	332.4	11.0	5.1	-9.7	289.4	297.3	2.9	44.3	3.7	182.
4.6	15.0	1311.8	872.0	5.7	-0.1	318.5	12.6	8.3	-9.4	290.6	302.4	4.4	66.2	4.0	179.
5.0	16.0	1444.3	858.0	5.4	2.5	313.2	14.2	10.4	-9.7	291.7	306.1	5.4	81.7	4.2	176.
5.4	17.0	1549.7	847.0	4.5	2.8	306.8	14.8	11.8	-3.9	291.9	306.8	5.6	88.8	4.5	173.
5.7	18.0	1656.3	836.0	3.7	3.7	301.1	14.9	12.8	-7.7	292.1	308.1	6.0	101.1	4.6	170.
6.1	19.0	1764.1	825.0	3.7	3.7	293.7	15.0	13.7	-5.0	293.3	309.5	6.1	102.9	4.9	167.
6.5	20.0	1873.3	814.0	3.8	3.8	289.0	15.0	14.2	-4.9	294.6	311.3	6.2	101.1	5.1	164.
7.0	21.0	2014.4	800.0	3.2	3.0	289.4	16.1	15.2	-5.4	295.3	311.5	6.0	99.2	5.3	160.
7.3	22.0	2116.4	790.0	2.0	2.0	285.8	15.6	15.0	-4.2	295.1	310.3	5.6	100.1	5.5	157.
7.7	23.0	2229.6	779.0	1.2	1.2	279.8	15.0	14.8	-2.5	295.3	310.0	5.4	100.7	5.8	154.
8.1	24.0	2344.0	768.0	0.4	0.3	272.9	14.7	14.7	-0.8	295.6	309.6	5.1	99.7	6.0	151.
8.5	25.0	2449.3	758.0	0.2	-4.9	267.0	15.1	15.1	0.8	296.3	306.2	3.5	68.8	6.1	149.
8.9	26.0	2588.9	745.0	3.7	-15.7	266.9	16.1	16.1	0.9	301.3	305.9	1.5	22.5	6.3	145.
9.3	27.0	2658.4	735.0	2.8	-17.2	269.8	17.3	17.3	0.1	301.5	305.7	1.3	21.2	6.5	142.
9.6	28.0	2820.2	724.0	1.8	-17.2	272.4	18.4	18.4	-0.8	301.7	305.9	1.4	22.6	6.7	140.
9.9	29.0	2932.2	714.0	1.5	-16.2	274.8	19.5	19.5	-1.6	302.6	307.2	1.5	25.2	6.9	138.
10.4	30.0	3045.7	704.0	1.2	-15.3	275.2	21.4	21.4	-2.0	303.5	308.5	1.7	28.1	7.4	135.
10.7	31.0	3160.6	694.0	0.4	-14.9	273.8	22.3	22.3	-1.5	303.8	309.1	1.7	30.7	7.8	133.
11.1	32.0	3276.8	684.0	-0.4	-16.0	271.4	23.3	23.3	-7.6	304.2	309.1	1.6	29.6	8.2	131.
11.6	33.0	3394.4	674.0	-1.2	-16.4	269.2	24.4	24.4	0.3	304.6	309.4	1.6	30.3	8.7	128.
11.9	34.0	3513.4	664.0	-1.9	-16.6	269.0	24.9	24.9	0.4	305.2	310.0	1.6	31.4	9.1	126.
12.4	35.0	3633.9	654.0	-2.8	-15.6	269.5	25.5	25.5	0.2	305.4	310.7	1.7	36.5	9.7	123.
12.7	36.0	3768.0	643.0	-4.4	-15.3	269.9	25.8	25.8	0.1	305.2	310.7	1.8	42.1	10.1	122.
13.3	37.0	3891.4	633.0	-5.1	-13.0	270.1	26.9	26.9	-0.1	305.7	312.4	2.2	53.9	10.9	119.
13.6	38.0	4003.9	624.0	-5.6	-13.4	269.9	27.8	27.8	0.0	306.5	313.0	2.2	53.8	11.3	118.
14.1	39.0	4130.6	614.0	-5.7	-14.6	269.0	29.5	29.5	9.5	307.7	313.8	2.0	49.6	12.1	116.
14.4	40.0	4246.4	605.0	-5.9	-14.8	269.3	30.2	30.2	9.9	308.8	314.9	2.0	49.1	12.6	115.
15.0	41.0	4403.3	593.0	-6.3	-15.6	267.1	31.0	31.0	1.6	310.0	316.0	1.9	47.8	13.6	113.
15.4	42.0	4522.8	584.0	-7.1	-16.7	266.3	31.1	31.0	2.0	310.5	316.0	1.8	46.0	14.3	111.
15.8	43.0	4643.7	575.0	-8.3	-17.4	265.8	30.7	30.6	2.3	310.5	315.8	1.7	47.5	14.9	110.
16.2	44.0	4766.0	566.0	-9.0	-17.8	266.0	30.1	30.0	2.1	311.0	316.2	1.7	48.7	15.6	109.
16.6	45.0	4890.0	557.0	-9.6	-19.6	267.4	29.5	29.5	1.4	311.7	316.3	1.4	43.6	16.3	108.
17.0	46.0	5001.6	549.0	-10.3	-23.4	269.8	29.1	29.1	0.1	312.1	315.5	1.0	33.1	16.9	107.
17.4	47.0	5128.8	540.0	-11.0	-26.5	271.4	29.0	29.0	-0.7	312.7	315.4	0.8	26.5	17.6	107.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
1715 GMT

153 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.8	48.0	5243.3	532.0	-11.6	-28.0	272.1	28.5	28.5	-1.0	313.4	315.7	0.7	24.2	18.3	106.
18.3	49.0	5374.0	523.0	-12.0	-27.6	272.6	27.7	27.7	-1.3	314.4	316.9	0.7	25.8	19.1	105.
18.7	50.0	5491.8	515.0	-12.9	-27.5	273.6	27.7	27.6	-1.8	314.7	317.3	0.8	28.1	19.7	105.
19.3	51.0	5640.9	505.0	-14.5	-27.8	275.6	28.8	28.7	-2.8	314.5	317.0	0.8	31.2	20.7	105.
19.6	52.0	5777.0	496.0	-15.1	-29.1	276.2	29.4	29.3	-3.2	315.4	317.7	0.7	28.9	21.3	104.
20.1	53.0	5899.7	488.0	-15.9	-31.1	275.8	29.8	29.7	-3.0	315.8	317.8	0.6	25.6	22.1	104.
20.5	54.0	6024.3	480.0	-15.9	-35.6	274.8	30.0	29.9	-2.5	317.3	318.6	0.4	16.5	22.8	104.
20.9	55.0	6150.7	472.0	-17.0	-39.6	273.6	30.2	30.2	-1.9	317.5	318.4	0.3	12.0	23.5	103.
21.5	56.0	6311.2	462.0	-17.7	-47.6	272.3	30.9	30.8	-1.2	318.5	318.9	0.1	5.3	24.6	103.
21.9	57.0	6441.7	454.0	-18.4	-48.0	271.5	31.6	31.6	-0.8	319.3	319.7	0.1	5.3	25.4	103.
22.4	58.0	6557.4	447.0	-19.3	-45.4	270.3	32.9	32.9	-0.2	319.5	320.0	0.1	7.8	26.3	102.
22.8	59.0	6691.5	439.0	-20.1	-45.9	269.2	33.6	33.6	0.5	320.1	320.7	0.1	7.9	27.1	102.
23.2	60.0	6810.3	432.0	-21.3	-48.1	268.1	33.7	33.7	1.1	320.1	320.5	0.1	6.8	27.9	101.
23.6	61.0	6948.0	424.0	-22.3	-51.2	267.3	33.4	33.3	1.6	320.6	320.9	0.1	5.2	28.7	101.
24.1	62.0	7069.9	417.0	-23.7	-50.4	266.7	33.1	33.0	1.9	320.2	320.6	0.1	6.5	29.6	101.
24.5	63.0	7193.4	410.0	-24.7	-48.7	266.3	32.6	32.5	2.1	320.6	321.0	0.1	8.3	30.4	100.
25.0	64.0	7336.6	402.0	-25.6	-50.8	265.5	30.9	30.8	2.4	321.2	321.5	0.1	7.3	31.5	100.
25.5	65.0	7463.7	395.0	-26.6	-50.3	265.3	30.2	30.0	2.5	321.5	321.8	0.1	8.6	32.0	99.
26.1	66.0	7629.7	386.0	-27.8	-50.6	264.6	31.4	31.3	1.9	322.0	322.4	0.1	9.2	33.3	99.
26.6	67.0	7760.9	379.0	-29.0	-50.4	269.1	32.1	32.1	0.5	322.1	322.5	0.1	10.5	34.2	99.
27.0	68.0	7893.9	372.0	-30.2	-49.7	272.1	32.4	32.3	-1.2	322.3	322.7	0.1	12.7	35.0	98.
27.4	69.0	8028.8	365.0	-31.2	-50.7	274.9	32.3	32.1	-2.7	322.7	323.0	0.1	12.3	35.8	98.
27.8	70.0	8146.0	359.0	-32.3	-50.7	276.8	32.4	32.1	-3.8	322.8	323.1	0.1	14.0	36.6	98.
28.3	71.0	8304.5	351.0	-33.9	-51.1	278.4	33.2	32.8	-4.9	322.7	323.1	0.1	15.6	37.4	98.
28.6	72.0	8445.3	344.0	-34.9	-50.7	279.2	33.9	33.5	-5.4	323.2	323.5	0.1	18.0	38.0	98.
29.2	73.0	8567.8	338.0	-36.3	-50.7	280.5	34.6	34.0	-5.3	323.0	323.4	0.1	20.8	39.4	98.
29.6	74.0	8712.7	331.0	-37.3	-49.3	281.0	34.3	33.7	-6.5	323.4	323.9	0.1	25.5	40.2	98.
30.1	75.0	8839.7	325.0	-38.4	-51.7	280.9	33.7	33.0	-6.4	323.7	324.0	0.1	22.9	41.2	99.
30.5	76.0	8966.5	319.0	-39.9	-54.6	280.6	33.4	32.8	-6.1	323.3	323.6	0.1	18.9	42.0	99.
31.0	77.0	9055.9	313.0	-41.0	99.9	280.0	33.4	32.9	-5.8	323.7	999.9	99.9	999.9	43.0	99.
31.5	78.0	9227.2	307.0	-42.2	99.9	279.3	32.8	32.4	-5.3	323.7	999.9	99.9	999.9	44.0	99.
31.9	79.0	9360.4	301.0	-43.3	99.9	278.8	31.9	31.5	-4.9	324.0	999.9	99.9	999.9	44.9	99.
32.4	80.0	9495.6	295.0	-44.3	99.9	278.8	31.4	31.1	-4.8	324.5	999.9	99.9	999.9	45.6	99.
33.0	81.0	9679.3	287.0	-45.9	99.9	279.7	31.9	31.4	-5.4	324.8	999.9	99.9	999.9	46.9	99.
33.5	82.0	9756.1	282.0	-46.7	99.9	281.8	32.4	31.7	-6.6	325.2	999.9	99.9	999.9	47.9	99.
33.9	83.0	9938.3	276.0	-48.0	99.9	283.0	33.5	32.6	-7.5	325.4	999.9	99.9	999.9	48.5	99.
34.4	84.0	10083.0	270.0	-48.6	99.9	282.5	34.6	33.8	-7.5	326.6	999.9	99.9	999.9	49.6	99.
34.8	85.0	10205.7	265.0	-49.8	99.9	280.8	34.8	34.2	-6.5	326.6	999.9	99.9	999.9	50.5	99.
35.4	86.0	10380.2	258.0	-51.3	99.9	277.9	35.0	34.6	-4.8	326.9	999.9	99.9	999.9	51.6	99.
35.8	87.0	10532.6	252.0	-52.8	99.9	276.8	35.2	34.9	-4.2	326.8	999.9	99.9	999.9	52.5	99.
36.3	88.0	10661.5	247.0	-54.2	99.9	276.3	34.9	34.7	-3.8	326.6	999.9	99.9	999.9	53.7	99.
36.8	89.0	10792.3	242.0	-55.5	99.9	276.1	35.1	34.9	-3.8	326.6	999.9	99.9	999.9	54.6	99.
37.2	90.0	10925.0	237.0	-56.6	99.9	276.2	35.6	35.4	-3.8	326.8	999.9	99.9	999.9	55.4	99.
37.6	91.0	11059.8	232.0	-58.0	99.9	276.3	35.7	35.5	-3.9	326.8	999.9	99.9	999.9	56.4	99.
38.2	92.0	11196.8	227.0	-59.0	99.9	277.2	33.1	32.8	-4.2	327.3	999.9	99.9	999.9	57.7	99.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
1715 GMT

153 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.6	93.0	11336.1	222.0	-60.2	99.9	278.5	31.1	30.8	-4.6	327.5	999.9	99.9	999.9	58.4	99.
39.1	94.0	11477.7	217.0	-61.6	99.9	280.5	31.3	30.8	-5.7	327.4	999.9	99.9	999.9	59.4	99.
39.6	95.0	11622.0	212.0	-62.0	99.9	280.8	35.3	34.7	-3.6	329.0	999.9	99.9	999.9	59.9	99.
40.3	96.0	11771.2	207.0	-57.6	99.9	276.3	36.5	36.2	-4.0	338.1	999.9	99.9	999.9	62.0	99.
40.7	97.0	11926.3	202.0	-55.5	99.9	272.2	34.3	34.3	-2.3	343.9	999.9	99.9	999.9	62.9	99.
41.3	98.0	12053.5	198.0	-56.5	99.9	267.9	34.3	34.3	1.2	344.3	999.9	99.9	999.9	63.7	98.
41.7	99.0	12215.6	193.0	-57.1	99.9	268.4	36.0	36.0	1.0	345.8	999.9	99.9	999.9	64.6	98.
42.3	100.0	12347.9	189.0	-57.6	99.9	271.7	35.5	35.5	-1.0	347.1	999.9	99.9	999.9	66.2	98.
42.7	101.0	12517.4	184.0	-57.1	99.9	274.3	34.8	34.7	-2.6	350.5	999.9	99.9	999.9	66.9	98.
43.3	102.0	12691.4	179.0	-57.8	99.9	277.3	37.1	36.8	-1.7	352.2	999.9	99.9	999.9	68.0	98.
43.7	103.0	12833.8	175.0	-58.2	99.9	277.3	38.1	37.8	-1.9	354.0	999.9	99.9	999.9	69.1	98.
44.3	104.0	12979.2	171.0	-59.0	99.9	274.1	36.0*	35.9	-2.6	354.9	999.9	99.9	999.9	70.5	98.
44.6	105.0	13127.5	167.0	-59.3	99.9	271.7	35.2*	35.2	-1.1	356.7	999.9	99.9	999.9	71.0	98.
45.2	106.0	13279.0	163.0	-60.2	99.9	268.7	36.7*	36.7	0.8	357.7	999.9	99.9	999.9	72.2	98.
45.7	107.0	13433.9	159.0	-60.6	99.9	267.7	37.9*	37.8	1.5	359.7	999.9	99.9	999.9	73.4	98.
46.2	108.0	13592.5	155.0	-60.6	99.9	267.2	37.8*	37.8	1.8	362.3	999.9	99.9	999.9	74.5	98.
46.7	109.0	13714.1	152.0	-61.1	99.9	268.3	37.6*	37.6	1.1	363.4	999.9	99.9	999.9	75.7	97.
47.3	110.0	13880.0	148.0	-60.4	99.9	271.4	38.1*	38.1	-0.9	367.5	999.9	99.9	999.9	77.0	97.
48.0	111.0	14094.2	143.0	-60.2	99.9	273.8	39.3*	39.2	-2.6	371.4	999.9	99.9	999.9	78.4	97.
48.5	112.0	14226.1	140.0	-61.5	99.9	275.2	39.6*	39.5	-1.6	371.5	999.9	99.9	999.9	79.9	97.
49.0	113.0	14405.7	136.0	-61.6	99.9	278.1	36.4*	36.1	-5.1	374.2	999.9	99.9	999.9	80.9	97.
49.5	114.0	14543.6	133.0	-62.6	99.9	281.6	31.1*	30.5	-6.2	375.0	999.9	99.9	999.9	82.4	97.
50.1	115.0	14732.1	129.0	-62.4	99.9	280.9	33.8*	33.2	-6.4	378.6	999.9	99.9	999.9	82.7	97.
50.6	116.0	14926.1	125.0	-63.3	99.9	277.4	38.9*	38.6	-5.0	380.4	999.9	99.9	999.9	84.0	97.
51.2	117.0	15075.2	122.0	-64.1	99.9	271.8	37.3*	37.3	-1.2	381.6	999.9	99.9	999.9	85.9	97.
51.7	118.0	15227.4	119.0	-64.8	99.9	267.8	34.6*	34.6	1.3	383.0	999.9	99.9	999.9	86.5	97.
52.3	119.0	15383.1	116.0	-65.0	99.9	265.9	35.1*	35.0	2.5	385.4	999.9	99.9	999.9	87.9	97.
52.8	120.0	15542.2	113.0	-66.6	99.9	266.1	36.4*	36.3	2.5	385.3	999.9	99.9	999.9	88.8	97.
53.3	121.0	15704.7	110.0	-67.4	99.9	268.0	38.0*	38.0	1.3	386.8	999.9	99.9	999.9	90.2	97.
53.8	122.0	15870.9	107.0	-68.5	99.9	271.5	41.7*	41.7	-1.1	387.9	999.9	99.9	999.9	90.9	97.
54.4	123.0	16041.4	104.0	-68.5	99.9	274.8	45.9*	45.8	-3.9	391.0	999.9	99.9	999.9	93.0	97.
54.9	124.0	16216.6	101.0	-69.1	99.9	275.9	44.2*	44.0	-0.5	393.1	999.9	99.9	999.9	94.3	97.
55.4	125.0	16396.6	98.0	-69.5	99.9	275.2	41.8*	41.6	-1.8	395.7	999.9	99.9	999.9	95.3	97.
56.1	126.0	16581.6	95.0	-70.6	99.9	272.5	42.0*	41.9	-1.9	397.0	999.9	99.9	999.9	97.3	96.
56.6	127.0	16707.8	93.0	-70.4	99.9	271.7	41.6*	41.6	-1.2	399.9	999.9	99.9	999.9	98.3	96.
57.2	128.0	16902.5	90.0	-70.4	99.9	273.2	37.3*	37.2	-2.1	403.7	999.9	99.9	999.9	100.1	96.
57.7	129.0	17036.0	88.0	-70.4	99.9	275.2	33.1*	32.9	-3.0	406.3	999.9	99.9	999.9	100.9	96.
58.3	130.0	17242.1	85.0	-70.2	99.9	277.4	30.8*	30.5	-3.9	410.8	999.9	99.9	999.9	102.0	96.
58.9	131.0	17455.8	82.0	-70.0	99.9	279.6	29.8*	29.4	-5.0	415.5	999.9	99.9	999.9	103.2	96.
59.5	132.0	17602.7	80.0	-70.2	99.9	279.9	27.5*	27.1	-1.8	418.0	999.9	99.9	999.9	104.1	96.
60.0	133.0	17829.9	77.0	-70.2	99.9	275.9	26.4*	26.3	-2.7	422.5	999.9	99.9	999.9	105.4	96.
60.5	134.0	17986.7	75.0	-69.3	99.9	270.7	29.8*	29.8	-0.4	427.6	999.9	99.9	999.9	105.2	96.
61.1	135.0	18147.7	73.0	-70.2	99.9	266.7	31.4*	31.3	1.8	429.0	999.9	99.9	999.9	107.2	96.
61.7	136.0	18396.6	70.0	-71.1	99.9	266.3	29.5*	29.4	1.9	432.3	999.9	99.9	999.9	108.0	96.
62.4	137.0	18569.3	68.0	-68.5	99.9	273.3	32.3*	32.2	-1.8	441.6	999.9	99.9	999.9	109.3	96.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
1715 GMT

153 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.3	138.0	18840.6	65.0	-67.2	99.9	281.1	26.7*	26.2	-0.1	450.0	999.9	99.9	999.9	111.0	96.
64.0	139.0	19029.7	63.0	-66.0	99.9	280.0	18.3*	18.0	-0.2	456.7	999.9	99.9	999.9	112.1	96.
64.7	140.0	19327.3	60.0	-63.9	99.9	267.9	13.6*	13.9	0.5	467.9	999.9	99.9	999.9	112.5	96.
65.4	141.0	19535.5	58.0	-63.1	99.9	256.8	11.5*	11.5	2.7	474.2	999.9	99.9	999.9	112.9	96.
66.1	142.0	19751.3	56.0	-63.3	99.9	256.8	13.6*	13.3	1.1	478.6	999.9	99.9	999.9	113.6	96.
66.7	143.0	19974.3	54.0	-64.3	99.9	263.3	17.5*	17.4	2.0	481.4	999.9	99.9	999.9	113.9	96.
67.5	144.0	20204.7	52.0	-65.2	99.9	269.2	20.0*	20.0	0.3	484.4	999.9	99.9	999.9	115.2	96.
68.3	145.0	20568.6	49.0	-62.9	99.9	272.8	24.0*	24.0	-1.2	498.1	999.9	99.9	999.9	115.9	96.
69.2	146.0	20826.0	47.0	-61.6	99.9	269.6	25.3*	25.3	0.2	507.1	999.9	99.9	999.9	117.4	96.
70.0	147.0	21096.2	45.0	-60.4	99.9	261.9	13.6*	13.5	1.9	516.5	999.9	99.9	999.9	118.8	96.
70.7	148.0	21378.7	43.0	-61.6	99.9	250.4	5.7*	5.3	1.9	520.2	999.9	99.9	999.9	118.6	96.
71.8	149.0	21673.2	41.0	-62.4	99.9	266.3	19.5*	19.5	1.3	525.5	999.9	99.9	999.9	118.9	96.
72.8	150.0	21982.7	39.0	-61.5	99.9	263.7	22.9*	22.7	2.5	535.4	999.9	99.9	999.9	121.2	95.
73.8	151.0	22309.6	37.0	-60.8	99.9	218.3	5.7*	3.5	4.4	545.3	999.9	99.9	999.9	121.8	95.
74.9	152.0	22654.8	35.0	-61.5	99.9	243.9	10.5*	9.4	4.6	552.2	999.9	99.9	999.9	120.7	95.
75.9	153.0	23021.0	33.0	-59.9	99.9	278.3	37.6	37.2	-0.5	565.8	999.9	99.9	999.9	123.2	95.
76.8	154.0	23411.8	31.0	-59.7	99.9	999.9	99.9	99.9	99.9	576.5	999.9	99.9	999.9	999.9	999.
77.7	155.0	23829.6	29.0	-58.8	99.9	999.9	99.9	99.9	99.9	590.0	999.9	99.9	999.9	999.9	999.

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
2015 GMT

159 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	2.9	33.0	1020.1	9.0	-1.7	360.0	12.4	0.0	-17.4	281.0	289.7	3.3	47.0	0.0	0.
0.1	3.0	41.9	1019.0	8.7	-1.7	349.1	13.5	2.8	-13.2	280.8	289.6	3.3	47.9	0.3	174.
0.4	4.0	147.8	1006.0	6.8	-4.1	348.1	13.5	2.8	-13.2	279.8	287.2	2.8	45.6	0.3	174.
0.6	5.0	254.3	993.0	5.0	-4.0	348.4	13.6	2.7	-13.3	279.1	286.4	2.8	50.1	0.4	173.
1.0	6.0	369.9	979.0	3.7	-4.0	349.3	14.0	2.6	-13.8	278.9	286.5	2.9	57.3	0.7	171.
1.2	7.0	469.8	967.0	2.5	-4.4	348.5	13.9	2.8	-13.6	278.7	286.2	2.8	60.1	0.9	171.
1.6	8.0	579.1	954.0	1.3	-4.1	346.2	13.5	3.2	-13.1	278.6	286.4	3.0	67.1	1.2	170.
2.0	9.0	672.3	943.0	0.4	-4.2	341.7	12.7	4.0	-12.0	278.5	286.3	3.0	71.2	1.5	169.
2.5	10.0	774.8	931.0	-0.9	-5.2	339.5	12.8	4.5	-12.0	278.2	285.5	2.8	72.7	1.9	167.
3.0	11.0	895.6	917.0	-1.9	-5.7	344.4	14.5	3.9	-14.0	278.4	285.6	2.7	75.1	2.3	166.
3.4	12.0	1000.5	905.0	-1.9	-11.4	345.5	15.7	3.9	-15.2	279.4	284.2	1.8	47.9	2.7	166.
3.7	13.0	1107.4	893.0	1.8	-12.3	343.0	15.5	4.5	-14.8	284.2	288.9	1.7	34.1	3.0	166.
4.1	14.0	1207.6	882.0	3.8	-15.1	336.8	14.4	5.7	-13.2	287.3	291.1	1.3	23.5	3.3	165.
4.4	15.0	1319.1	870.0	5.0	-15.3	330.1	13.1	6.5	-11.4	289.7	293.4	1.3	20.7	3.6	165.
4.9	16.0	1442.0	857.0	5.7	-17.0	322.7	13.0	7.9	-10.4	291.6	294.8	1.1	16.3	3.9	163.
5.2	17.0	1557.2	845.0	5.2	-19.0	321.3	13.7	8.6	-10.7	292.2	295.2	1.0	15.4	4.2	161.
5.6	18.0	1663.9	834.0	4.3	-14.9	320.3	14.9	9.5	-11.5	292.5	296.7	1.4	23.0	4.5	160.
6.0	19.0	1771.9	823.0	4.0	-11.0	317.6	15.9	10.7	-11.7	293.3	299.1	2.0	32.5	4.8	158.
6.3	20.0	1881.2	812.0	3.5	-10.0	313.8	16.1	11.7	-11.2	293.9	300.0	2.1	35.1	5.1	157.
6.7	21.0	2011.8	799.0	2.0	-10.0	309.4	16.1	12.4	-10.2	293.7	299.8	2.2	39.1	5.5	155.
7.1	22.0	2123.5	788.0	1.5	-9.7	305.1	15.7	12.9	-9.0	294.3	301.0	2.3	43.1	5.8	154.
7.4	23.0	2226.2	778.0	0.4	-10.0	301.3	15.9	13.6	-8.3	294.1	300.6	2.3	44.8	6.0	152.
7.8	24.0	2340.4	767.0	0.0	-5.5	295.9	16.6	14.9	-7.2	295.1	304.4	3.3	66.1	6.3	151.
8.2	25.0	2445.9	757.0	1.7	-5.2	290.5	17.6	16.5	-6.2	298.0	307.7	3.4	60.1	6.7	148.
8.7	26.0	2585.7	744.0	2.0	-8.0	284.4	19.1	18.5	-4.7	299.8	307.9	2.8	47.3	7.1	145.
9.1	27.0	2695.0	734.0	2.5	-12.0	280.2	20.3	20.0	-3.6	301.4	307.1	1.9	31.1	7.5	143.
9.5	28.0	2805.9	724.0	2.2	-8.6	277.1	21.5	21.3	-2.6	302.3	310.4	2.8	44.8	7.9	140.
10.0	29.0	2918.2	714.0	1.8	-8.6	275.6	23.1	23.0	-2.3	303.1	311.4	2.8	45.9	8.3	137.
10.3	30.0	3031.8	704.0	1.0	-8.7	275.1	24.0	23.9	-2.1	303.5	311.7	2.8	48.2	8.6	135.
10.7	31.0	3146.7	694.0	0.2	-8.7	274.0	24.8	24.7	-1.7	303.8	312.2	2.9	51.2	9.1	133.
11.1	32.0	3263.0	684.0	-0.4	-9.3	272.4	25.4	25.4	-1.1	304.3	312.5	2.8	51.2	9.6	131.
11.5	33.0	3368.8	675.0	-1.2	-11.7	270.6	25.9	25.9	-0.3	304.5	311.4	2.3	44.7	10.1	128.
11.9	34.0	3487.6	665.0	-2.2	-11.6	269.8	26.6	26.6	0.1	304.8	311.9	2.4	48.5	10.6	126.
12.3	35.0	3595.7	656.0	-3.1	-10.4	269.7	27.7	27.7	0.1	304.9	312.8	2.6	57.0	11.1	124.
12.7	36.0	3741.7	644.0	-4.4	-9.7	269.9	28.8	28.8	0.0	305.2	313.6	2.8	66.1	11.6	122.
13.1	37.0	3852.7	635.0	-4.1	-11.3	270.0	29.9	29.9	0.0	306.7	314.0	2.4	54.9	12.2	120.
13.5	38.0	3977.9	625.0	-4.4	-12.7	269.5	30.7	30.7	0.3	307.7	314.7	2.3	52.2	12.9	119.
13.9	39.0	4092.2	616.0	-4.4	-12.5	268.3	30.8	30.8	0.9	308.5	315.7	2.4	54.7	13.6	117.
14.3	40.0	4207.8	607.0	-5.7	-12.7	267.2	30.7	30.7	1.5	308.7	315.9	2.4	57.8	14.2	116.
14.8	41.0	4351.1	596.0	-6.5	-12.0	266.5	30.7	30.6	1.9	309.5	316.8	2.4	60.5	15.0	114.
15.2	42.0	4469.9	587.0	-7.4	-14.1	266.6	30.7	30.6	1.8	309.8	316.5	2.2	58.6	15.7	113.
15.6	43.0	4576.6	579.0	-8.6	-16.0	267.0	30.7	30.6	1.6	309.6	315.3	1.9	53.7	16.3	112.
16.0	44.0	4698.1	570.0	-8.7	-16.8	267.6	30.5	30.4	1.3	310.8	316.3	1.8	51.6	17.1	111.
16.4	45.0	4821.5	561.0	-8.8	-19.9	268.3	30.1	30.1	0.9	312.0	316.4	1.4	40.1	17.7	110.
16.9	46.0	4932.5	553.0	-9.9	-41.1	269.5	30.4	30.4	0.2	311.9	312.5	0.2	5.7	18.5	109.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
2015 GMT

159 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.3	47.0	5059.1	544.0	-9.9	-49.6	270.4	31.1	31.1	-0.2	313.3	313.6	0.1	2.2	19.2	108.
17.7	48.0	5173.2	536.0	-10.6	-43.5	270.5	31.5	31.5	-0.3	313.8	314.3	0.1	4.6	19.9	107.
18.1	49.0	5303.2	527.0	-11.4	-35.1	269.5	31.2	31.2	0.3	314.3	315.6	0.4	11.9	20.7	107.
18.5	50.0	5420.3	519.0	-12.4	-27.1	267.4	30.0	30.0	1.3	314.6	317.1	0.8	26.7	21.4	106.
19.0	51.0	5568.8	509.0	-13.1	-24.0	265.9	29.1	29.0	2.1	315.5	319.0	1.1	39.4	22.2	105.
19.5	52.0	5689.3	501.0	-13.8	-25.6	267.5	29.9	29.9	1.3	316.1	319.2	0.9	36.2	23.0	105.
19.9	53.0	5811.5	493.0	-14.4	-28.1	270.0	31.0	31.0	-0.0	316.8	319.4	0.8	30.0	23.7	104.
20.2	54.0	5935.4	485.0	-15.1	-29.2	271.5	31.4	31.4	-0.8	317.4	319.8	0.7	28.6	24.3	104.
20.6	55.0	6061.0	477.0	-15.9	-31.2	273.1	31.5	31.4	-1.7	317.9	319.9	0.6	25.4	25.1	104.
21.1	56.0	6220.4	467.0	-16.7	-34.1	273.7	31.2	31.1	-2.0	318.8	320.4	0.5	20.5	25.9	103.
21.5	57.0	6323.7	460.0	-17.3	-37.0	273.4	31.3	31.3	-1.8	319.5	320.7	0.3	16.0	26.6	103.
22.0	58.0	6465.1	452.0	-18.0	-37.8	272.2	31.9	31.9	-1.2	320.2	321.4	0.3	15.5	27.8	103.
22.4	59.0	6581.6	445.0	-18.5	-39.2	271.4	32.9	32.9	-0.8	321.0	322.0	0.3	14.1	28.3	102.
22.8	60.0	6716.7	437.0	-19.3	-40.9	270.7	34.1	34.1	-0.4	321.6	322.5	0.2	12.7	29.1	102.
23.2	61.0	6836.6	430.0	-20.1	-44.1	269.8	34.5	34.5	0.1	322.0	322.7	0.2	9.6	30.0	102.
23.6	62.0	6958.0	423.0	-21.3	-43.1	268.6	33.7	33.7	0.8	322.0	322.7	0.2	11.9	30.9	101.
24.1	63.0	7098.5	415.0	-22.5	-44.1	267.3	32.2	32.1	1.5	322.2	322.9	0.2	11.5	31.8	101.
24.6	64.0	7223.2	408.0	-23.3	-46.2	267.1	32.4	32.4	1.7	322.8	323.3	0.1	10.0	32.6	101.
25.0	65.0	7349.6	401.0	-24.1	-47.3	267.4	33.6	33.6	1.5	323.3	323.8	0.1	9.6	33.4	100.
25.4	66.0	7514.7	392.0	-25.6	-48.8	268.0	34.5	34.4	1.2	323.5	324.0	0.1	9.2	34.3	100.
25.9	67.0	7626.3	386.0	-26.6	-49.0	268.1	34.7	34.7	1.2	323.6	324.0	0.1	9.3	35.2	100.
26.3	68.0	7758.1	379.0	-28.0	-50.5	267.5	34.1	34.1	1.5	323.5	323.9	0.1	9.5	36.2	99.
26.8	69.0	7891.7	372.0	-29.0	-51.2	266.6	33.4	33.3	2.0	323.9	324.2	0.1	9.6	37.1	99.
27.2	70.0	8027.2	365.0	-30.3	-52.1	266.3	33.1	33.0	2.1	323.9	324.2	0.1	9.7	37.8	99.
27.7	71.0	8184.4	357.0	-31.8	-53.1	266.8	32.8	32.8	1.8	324.0	324.3	0.1	9.9	38.9	98.
28.1	72.0	8303.9	351.0	-32.0	-53.2	267.7	32.6	32.6	1.3	324.0	324.3	0.1	11.1	39.6	98.
28.5	73.0	8445.4	344.0	-33.9	-53.1	269.1	32.7	32.7	0.5	324.6	324.9	0.1	12.2	40.3	98.
29.0	74.0	8568.4	338.0	-35.2	-53.4	270.6	32.3	32.3	-0.4	324.4	324.7	0.1	13.4	41.2	98.
29.4	75.0	8692.8	332.0	-36.7	-54.5	271.2	30.3	30.3	-0.6	324.1	324.3	0.1	14.0	42.4	98.
29.8	76.0	8818.9	326.0	-37.7	-54.5	272.2	29.3	29.3	-1.1	324.3	324.5	0.1	14.6	42.7	98.
30.2	77.0	8946.7	320.0	-38.8	-55.7	273.7	29.9	29.9	-1.9	324.5	324.8	0.1	14.8	43.3	97.
30.7	78.0	9098.1	313.0	-39.9	-56.5	275.7	32.1	32.0	-3.2	325.1	325.3	0.1	14.9	44.4	97.
31.2	79.0	9207.8	308.0	-41.3	99.9	276.9	33.4	33.2	-4.0	324.8	999.9	99.9	999.9	45.4	97.
31.5	80.0	9363.7	301.0	-42.2	99.9	277.4	33.5	33.2	-4.3	325.6	999.9	99.9	999.9	46.2	97.
32.1	81.0	9522.3	294.0	-43.7	99.9	278.4	31.8	31.5	-4.6	325.6	999.9	99.9	999.9	47.1	97.
32.6	82.0	9637.2	289.0	-45.0	99.9	279.5	30.0	29.6	-4.9	325.4	999.9	99.9	999.9	48.3	97.
33.1	83.0	9800.7	282.0	-46.1	99.9	280.4	29.7	29.2	-5.4	326.1	999.9	99.9	999.9	48.8	98.
33.6	84.0	9943.3	276.0	-47.3	99.9	280.9	30.8	30.3	-5.9	326.4	999.9	99.9	999.9	49.9	98.
34.1	85.0	10039.7	272.0	-48.5	99.9	280.7	30.5	30.0	-5.7	326.1	999.9	99.9	999.9	50.9	98.
34.6	86.0	10210.8	265.0	-49.8	99.9	278.6	27.9	27.6	-4.2	326.6	999.9	99.9	999.9	51.7	98.
35.0	87.0	10335.0	260.0	-51.1	99.9	275.4	26.1	25.9	-2.5	326.4	999.9	99.9	999.9	52.8	98.
35.5	88.0	10486.5	254.0	-52.2	99.9	272.7	28.7	28.6	-1.3	327.0	999.9	99.9	999.9	52.6	98.
35.9	89.0	10614.9	249.0	-53.1	99.9	272.2	31.5	31.5	-1.2	327.5	999.9	99.9	999.9	54.0	98.
36.3	90.0	10745.2	244.0	-54.4	99.9	272.0	32.3	32.3	-1.1	327.5	999.9	99.9	999.9	54.8	97.
36.7	91.0	10877.5	239.0	-55.8	99.9	272.3	33.3	33.3	-1.4	327.3	999.9	99.9	999.9	55.4	97.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
2015 GMT

159 22. 0

TIME MIN	CNTCT	HEIGHT GPH	PPRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
37.2	92.0	11011.6	234.0	-57.3	99.9	273.9	37.1	37.0	-2.5	327.0	999.9	99.9	999.9	56.3	97.
37.5	93.0	11148.2	229.0	-57.1	99.9	275.1	40.6	40.5	-3.6	329.3	999.9	99.9	999.9	56.8	97.
37.9	94.0	11287.6	224.0	-57.8	99.9	276.5	41.2	40.9	-4.7	330.3	999.9	99.9	999.9	58.4	97.
38.3	95.0	11429.5	219.0	-59.3	99.9	276.8	37.7	37.4	-4.4	330.1	999.9	99.9	999.9	59.3	97.
38.9	96.0	11602.9	213.0	-60.9	99.9	273.3	31.9	31.8	-1.9	330.3	999.9	99.9	999.9	60.6	97.
39.4	97.0	11721.1	209.0	-59.3	99.9	268.2	33.6	33.6	1.0	334.6	999.9	99.9	999.9	60.9	97.
39.9	98.0	11873.0	204.0	-58.7	99.9	265.8	36.4	36.3	2.7	338.0	999.9	99.9	999.9	62.5	97.
40.3	99.0	11997.7	200.0	-57.6	99.9	265.9	34.4	34.3	2.5	341.5	999.9	99.9	999.9	63.4	97.
40.7	100.0	12157.5	195.0	-57.8	99.9	267.9	31.2	31.2	1.2	343.7	999.9	99.9	999.9	64.1	97.
41.2	101.0	12321.3	190.0	-58.0	99.9	273.1	31.2	31.1	-1.7	346.0	999.9	99.9	999.9	64.8	97.
41.6	102.0	12455.8	186.0	-56.6	99.9	276.9	35.3	35.1	-4.2	350.3	999.9	99.9	999.9	65.3	97.
42.0	103.0	12629.9	181.0	-56.0	99.9	279.2	40.0	39.5	-6.4	354.1	999.9	99.9	999.9	66.6	97.
42.4	104.0	12770.9	177.0	-56.2	99.9	280.7	39.7	39.0	-7.4	356.1	999.9	99.9	999.9	67.8	97.
43.0	105.0	12916.2	173.0	-56.2	99.9	281.4	38.4	37.7	-7.6	358.4	999.9	99.9	999.9	68.7	97.
43.5	106.0	13064.9	169.0	-56.3	99.9	279.6	40.4	39.8	-6.7	360.5	999.9	99.9	999.9	70.1	97.
44.0	107.0	13178.5	166.0	-56.8	99.9	277.4	43.8*	43.4	-5.7	361.6	999.9	99.9	999.9	71.4	97.
44.5	108.0	13371.9	161.0	-57.6	99.9	275.1	45.9*	45.8	-4.1	363.3	999.9	99.9	999.9	72.4	97.
45.1	109.0	13530.3	157.0	-58.8	99.9	271.8	42.0*	42.0	-1.3	364.0	999.9	99.9	999.9	74.7	97.
45.6	110.0	13692.3	153.0	-58.8	99.9	270.4	37.6*	37.6	-0.2	366.7	999.9	99.9	999.9	75.5	97.
46.2	111.0	13858.1	149.0	-60.0	99.9	271.7	36.1*	36.1	-1.1	367.4	999.9	99.9	999.9	76.8	97.
46.7	112.0	14028.2	145.0	-59.5	99.9	273.1	35.4*	35.3	-1.9	371.1	999.9	99.9	999.9	78.0	96.
47.2	113.0	14158.8	142.0	-60.2	99.9	274.4	35.1*	35.0	-2.7	372.1	999.9	99.9	999.9	78.8	96.
47.7	114.0	14337.0	138.0	-60.2	99.9	275.7	36.6*	36.4	-2.6	375.2	999.9	99.9	999.9	80.0	96.
48.3	115.0	14474.0	135.0	-60.4	99.9	276.3	40.6*	40.4	-4.5	377.2	999.9	99.9	999.9	81.3	96.
49.0	116.0	14661.2	131.0	-61.1	99.9	276.4	45.3*	45.0	-5.0	379.2	999.9	99.9	999.9	83.1	96.
49.5	117.0	14853.5	127.0	-61.8	99.9	276.4	41.3*	41.0	-4.6	381.3	999.9	99.9	999.9	85.0	96.
50.1	118.0	15001.1	124.0	-62.7	99.9	276.3	35.8*	35.6	-4.0	382.3	999.9	99.9	999.9	85.8	96.
50.6	119.0	15151.9	121.0	-63.1	99.9	275.9	36.4*	36.2	-3.7	384.3	999.9	99.9	999.9	86.8	96.
51.2	120.0	15306.0	118.0	-64.1	99.9	273.9	38.2*	38.1	-2.6	385.3	999.9	99.9	999.9	88.3	96.
51.8	121.0	15463.2	115.0	-65.4	99.9	270.6	35.0*	35.0	-0.3	385.6	999.9	99.9	999.9	89.7	96.
52.4	122.0	15623.8	112.0	-66.0	99.9	268.9	31.3*	31.3	0.6	387.4	999.9	99.9	999.9	91.0	96.
52.9	123.0	15788.2	109.0	-66.8	99.9	272.6	38.5*	38.4	-1.8	389.0	999.9	99.9	999.9	91.2	96.
53.3	124.0	15956.2	106.0	-68.5	99.9	275.1	46.3*	46.1	-4.1	388.9	999.9	99.9	999.9	92.4	96.
53.9	125.0	16124.4	103.0	-68.5	99.9	275.9	46.3*	46.1	-4.8	392.1	999.9	99.9	999.9	95.3	96.
54.6	126.0	16305.3	100.0	-69.1	99.9	274.2	35.4*	35.3	-2.6	394.2	999.9	99.9	999.9	95.9	96.
55.3	127.0	16486.8	97.0	-70.4	99.9	272.8	31.6*	31.6	-1.5	395.1	999.9	99.9	999.9	97.8	96.
55.9	128.0	16673.0	94.0	-71.1	99.9	272.8	32.5*	32.4	-1.6	397.4	999.9	99.9	999.9	98.8	96.
56.5	129.0	16800.6	92.0	-70.2	99.9	275.0	39.6*	39.4	-2.4	401.6	999.9	99.9	999.9	99.5	96.
57.0	130.0	16957.8	89.0	-70.0	99.9	277.5	41.8*	41.5	-5.5	405.8	999.9	99.9	999.9	101.7	96.
57.6	131.0	17202.1	86.0	-69.5	99.9	282.7	39.2*	38.2	-8.6	410.7	999.9	99.9	999.9	102.8	96.
58.3	132.0	17342.4	84.0	-69.5	99.9	286.4	38.3*	36.7	-10.8	413.5	999.9	99.9	999.9	104.4	96.
58.9	133.0	17559.1	81.0	-70.0	99.9	286.5	30.1*	28.8	-8.6	416.9	999.9	99.9	999.9	105.9	96.
59.5	134.0	17707.4	79.0	-71.1	99.9	285.2	21.5*	20.7	-5.6	417.6	999.9	99.9	999.9	106.8	96.
60.1	135.0	17859.2	77.0	-71.1	99.9	280.7	25.7*	25.2	-4.8	420.7	999.9	99.9	999.9	106.8	97.
60.9	136.0	18054.9	74.0	-70.2	99.9	275.3	23.0*	22.9	-2.1	427.4	999.9	99.9	999.9	109.0	97.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
2015 GMT

159 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.7	137.0	19342.0	71.0	-68.5	99.9	272.1	26.7*	26.7	-1.0	436.2	999.9	99.9	999.9	109.3	96.
62.4	138.0	18512.7	69.0	-70.0	99.9	274.5	36.6*	36.5	-2.9	436.5	999.9	99.9	999.9	111.2	96.
63.2	139.0	18777.2	66.0	-70.0	99.9	275.1	29.1*	29.0	-2.6	442.1	999.9	99.9	999.9	112.9	96.
64.1	140.0	18960.4	64.0	-70.0	99.9	270.6	20.9*	20.9	-0.2	446.0	999.9	99.9	999.9	114.0	96.
64.9	141.0	19247.7	61.0	-67.6	99.9	271.1	15.5*	15.5	-0.3	457.4	999.9	99.9	999.9	114.6	96.
65.8	142.0	19449.3	59.0	-65.8	99.9	266.3	10.9*	10.9	0.7	465.8	999.9	99.9	999.9	115.4	96.
66.5	143.0	19658.7	57.0	-66.0	99.9	268.8	26.3*	26.3	0.5	470.0	999.9	99.9	999.9	115.6	96.
67.3	144.0	19987.5	54.0	-65.0	99.9	264.2	25.5*	25.4	2.6	479.6	999.9	99.9	999.9	117.8	96.
68.2	145.0	20218.6	52.0	-63.1	99.9	251.9	16.4*	15.6	5.1	489.2	999.9	99.9	999.9	118.7	96.
69.0	146.0	20460.7	50.0	-61.8	99.9	258.7	18.5*	18.2	3.6	497.8	999.9	99.9	999.9	118.8	96.
70.0	147.0	20713.8	48.0	-61.1	99.9	280.8	23.2*	22.8	-4.3	505.4	999.9	99.9	999.9	121.5	96.
70.9	143.0	20977.8	46.0	-61.6	99.9	300.5	8.8*	7.6	-4.5	510.3	999.9	99.9	999.9	121.7	96.
71.7	149.0	21252.8	44.0	-62.2	99.9	286.6	12.7*	12.2	-3.6	515.4	999.9	99.9	999.9	121.5	96.
72.6	150.0	21539.6	42.0	-63.1	99.9	275.6	27.1*	26.9	-2.6	520.1	999.9	99.9	999.9	123.3	96.
73.5	151.0	21839.7	40.0	-63.3	99.9	257.8	25.0*	24.5	5.3	526.9	999.9	99.9	999.9	125.2	96.
74.5	152.0	22155.9	38.0	-62.0	99.9	259.7	16.3*	16.0	3.2	538.0	999.9	99.9	999.9	125.7	96.
75.6	153.0	22493.6	36.0	-57.8	99.9	281.2	13.1*	12.9	-2.5	557.2	999.9	99.9	999.9	126.0	96.
76.6	154.0	22852.6	34.0	-59.7	99.9	280.7	35.3*	34.7	-6.6	561.5	999.9	99.9	999.9	128.2	96.
77.6	155.0	23232.0	32.0	-59.3	99.9	271.9	14.1*	14.1	-0.5	572.2	999.9	99.9	999.9	129.9	96.
78.5	156.0	23636.1	30.0	-59.3	99.9	215.5	8.2*	4.8	6.7	582.9	999.9	99.9	999.9	129.8	96.
79.6	157.0	24067.3	28.0	-60.2	99.9	253.2	27.3*	26.1	7.9	592.1	999.9	99.9	999.9	130.8	95.
80.8	158.0	24530.7	26.0	-59.2	99.9	254.1	33.9*	32.6	9.3	607.7	999.9	99.9	999.9	132.5	95.
82.0	159.0	25034.0	24.0	-57.8	99.9	999.9	99.9	99.9	99.9	625.7	999.9	99.9	999.9	999.9	999.
83.3	160.0	25583.0	22.0	-57.6	99.9	999.9	99.9	99.9	99.9	642.0	999.9	99.9	999.9	999.9	999.

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
2315 GMT

156 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.1	23.0	1020.2	8.0	-4.8	350.0	10.3	1.8	-10.1	279.9	286.9	2.6	40.0	0.0	0.
0.3	5.0	115.4	1010.0	5.0	-5.6	353.6	13.5	1.5	-13.4	277.7	284.3	2.5	46.2	0.4	175.
0.7	6.0	229.2	996.0	4.3	-5.1	353.3	13.0	1.5	-12.9	278.2	285.1	2.6	50.3	0.6	175.
1.1	7.0	327.8	984.0	3.7	-5.2	352.7	12.5	1.6	-12.4	278.4	285.4	2.6	52.3	0.9	174.
1.5	8.0	418.8	973.0	2.3	-5.4	352.3	12.9	1.7	-12.8	278.0	284.7	2.5	54.5	1.2	174.
1.8	9.0	510.6	962.0	1.8	-5.5	352.5	12.9	1.7	-12.8	278.4	285.1	2.6	56.3	1.4	173.
2.2	10.0	603.3	951.0	1.0	-6.1	352.1	12.6	1.7	-12.5	278.5	285.2	2.5	58.9	1.7	173.
2.7	11.0	713.8	938.0	0.2	-6.5	350.8	13.2	2.1	-13.0	278.7	285.4	2.5	60.7	2.1	173.
3.1	12.0	808.2	927.0	-0.8	-6.9	349.3	14.8	2.7	-14.6	278.7	285.2	2.5	63.3	2.4	173.
3.5	13.0	903.5	916.0	-1.2	-7.9	346.9	16.3	3.7	-15.8	279.1	285.3	2.3	60.6	2.8	172.
3.9	14.0	991.6	906.0	2.0	-12.9	344.7	16.3	4.3	-15.7	283.2	287.6	1.6	32.1	3.2	171.
4.3	15.0	1090.6	895.0	4.7	-13.1	340.0	15.1	5.2	-14.2	287.0	291.4	1.5	26.0	3.6	170.
4.8	16.0	1209.9	882.0	5.4	-14.8	332.8	13.9	6.4	-12.4	288.9	292.8	1.4	21.6	4.0	169.
5.2	17.0	1312.4	871.0	5.4	-16.8	332.4	14.0	6.5	-12.4	289.9	293.3	1.2	18.3	4.3	167.
5.6	18.0	1416.1	860.0	5.2	-18.6	337.2	14.6	5.7	-13.5	290.8	293.8	1.0	15.9	4.6	166.
5.9	19.0	1511.4	850.0	4.2	-21.4	340.6	14.9	5.0	-14.1	290.6	293.1	0.8	13.4	4.9	166.
6.3	20.0	1607.6	840.0	4.3	-23.2	339.5	16.0	5.6	-15.0	291.8	293.9	0.7	11.3	5.3	166.
6.7	21.0	1734.3	827.0	4.0	-24.5	334.0	17.2	7.5	-15.4	292.7	294.6	0.6	10.2	5.7	165.
7.0	22.0	1833.1	817.0	3.8	-20.6	328.2	18.2	9.6	-15.5	293.6	296.3	0.9	14.5	6.0	165.
7.4	23.0	1943.1	806.0	3.7	-19.8	317.9	17.7	11.8	-13.1	294.5	297.5	1.0	16.0	6.4	163.
7.7	24.0	2034.1	797.0	3.2	-15.7	312.5	17.2	12.7	-11.6	295.0	299.2	1.4	23.5	6.7	162.
8.0	25.0	2146.5	786.0	2.2	-14.4	307.9	16.6	13.1	-10.2	295.1	299.8	1.6	28.1	6.9	160.
8.6	26.0	2270.5	774.0	1.5	-13.9	301.6	17.6	15.0	-9.2	295.7	300.7	1.7	30.7	7.3	158.
8.8	27.0	2375.0	764.0	0.2	-13.1	299.6	18.0	15.7	-8.9	295.4	300.8	1.8	36.0	7.5	157.
9.2	28.0	2480.5	754.0	-0.6	-9.6	295.1	18.9	17.2	-8.0	295.8	302.6	2.4	49.3	7.9	155.
9.5	29.0	2576.5	745.0	-0.4	-9.7	291.1	19.6	18.3	-7.1	297.0	304.1	2.5	49.6	8.2	153.
9.9	30.0	2684.7	735.0	0.2	-10.4	285.5	20.5	19.8	-5.5	298.8	305.7	2.4	44.8	8.5	151.
10.3	31.0	2794.6	725.0	0.5	-11.5	280.8	21.4	21.1	-4.0	300.3	306.8	2.2	40.1	8.9	148.
10.6	32.0	2894.9	716.0	0.4	-11.9	277.8	22.1	21.9	-3.0	301.2	307.6	2.2	39.3	9.1	147.
11.0	33.0	3007.7	706.0	0.2	-8.2	274.4	22.7	22.6	-1.8	302.3	310.8	2.9	53.1	9.5	144.
11.4	34.0	3110.5	697.0	-0.1	-8.6	272.3	23.2	23.2	-0.9	303.1	311.5	2.9	52.8	9.8	141.
11.8	35.0	3214.6	688.0	-0.3	-7.6	271.5	23.7	23.7	-0.6	304.0	313.0	3.1	56.2	10.2	139.
12.2	36.0	3355.3	676.0	-0.9	-7.8	271.7	24.3	24.3	-0.7	304.9	314.0	3.1	59.1	10.6	137.
12.6	37.0	3462.2	667.0	-2.0	-8.8	272.2	25.0	24.9	-1.0	304.8	313.5	3.0	59.9	11.0	134.
12.9	38.0	3570.1	658.0	-3.0	-9.1	272.2	25.4	25.4	-1.0	304.9	313.5	2.9	62.3	11.4	133.
13.3	39.0	3679.0	649.0	-4.1	-9.4	271.1	26.0	26.0	-0.5	304.9	313.4	2.9	66.2	11.8	131.
13.7	40.0	3789.2	640.0	-4.5	-9.5	269.7	26.6	26.6	0.1	305.6	314.1	2.9	67.9	12.3	129.
14.2	41.0	3925.7	629.0	-5.0	-9.6	268.3	27.4	27.4	0.8	306.6	315.2	2.9	69.6	13.0	127.
14.6	42.0	4026.3	621.0	-5.9	-10.0	268.1	28.1	28.1	0.9	306.6	315.2	2.9	72.4	13.5	125.
15.0	43.0	4140.6	612.0	-6.8	-9.8	269.1	29.0	29.0	0.4	306.9	315.7	3.0	78.9	14.0	123.
15.4	44.0	4269.3	602.0	-7.2	-11.2	271.0	29.7	29.7	-0.5	307.8	315.8	2.7	72.9	14.6	122.
15.8	45.0	4373.6	594.0	-7.4	-13.7	272.5	29.7	29.7	-1.3	308.7	315.5	2.2	60.4	15.3	120.
16.2	46.0	4492.5	585.0	-7.8	-19.7	273.5	29.4	29.3	-1.8	309.4	313.7	1.4	37.7	15.9	119.
16.7	47.0	4599.4	577.0	-8.7	-22.4	273.8	28.9	28.8	-1.9	309.6	313.1	1.1	31.9	16.7	118.
17.1	48.0	4707.4	569.0	-9.9	-16.8	273.9	28.9	28.9	-2.0	309.6	315.1	1.8	56.6	17.3	117.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
2315 GMT

156 17. 0'

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
17.4	49.0	4816.6	561.0	-10.3	-17.5	274.1	29.4	29.3	-2.1	310.3	315.7	1.7	55.4	17.8	116.
17.8	50.0	4941.2	552.0	-10.4	-18.4	274.5	30.2	30.1	-2.4	311.5	316.6	1.6	51.9	18.4	116.
18.4	51.0	5082.0	542.0	-10.6	-19.3	275.3	31.0	30.8	-2.9	313.0	317.8	1.5	48.6	19.5	114.
18.7	52.0	5196.4	534.0	-10.7	-21.0	275.8	31.0	30.8	-3.1	314.1	318.4	1.3	42.5	20.1	114.
19.1	53.0	5327.1	525.0	-11.0	-22.8	276.5	30.7	30.5	-3.5	315.3	319.1	1.2	37.1	20.8	113.
19.6	54.0	5430.1	518.0	-11.7	-24.4	277.6	30.3	30.0	-4.0	315.6	319.0	1.0	34.0	21.6	113.
19.9	55.0	5549.1	510.0	-12.7	-25.9	278.3	30.2	29.9	-4.3	315.8	318.8	0.9	31.9	22.2	112.
20.4	56.0	5700.1	500.0	-13.3	-27.4	279.5	30.4	30.0	-5.0	316.9	319.6	0.8	29.3	23.0	112.
20.8	57.0	5807.2	493.0	-14.4	-28.4	280.2	31.2	30.8	-5.5	316.8	319.3	0.7	29.3	23.7	111.
21.2	58.0	5931.0	485.0	-15.5	-30.9	280.4	32.0	31.4	-5.8	316.9	318.9	0.6	25.3	24.5	111.
21.7	59.0	6056.5	477.0	-15.9	-34.1	279.9	32.1	31.6	-5.5	317.9	319.4	0.4	19.1	25.5	111.
22.0	60.0	6183.7	469.0	-17.0	-33.3	279.3	31.8	31.4	-5.2	318.1	319.7	0.5	22.6	26.2	110.
22.5	61.0	6280.1	463.0	-18.0	-33.4	279.2	31.9	31.6	-4.5	318.0	319.7	0.5	24.3	26.8	110.
22.9	62.0	6426.7	454.0	-18.8	-33.6	277.4	32.6	32.3	-4.2	319.8	320.5	0.5	25.5	27.7	110.
23.3	63.0	6558.8	446.0	-20.0	-34.1	276.6	32.7	32.5	-3.8	318.9	320.5	0.5	27.0	28.5	109.
23.8	64.0	6675.9	439.0	-20.9	-36.2	275.1	31.4	31.3	-2.8	319.1	320.5	0.4	23.7	29.5	109.
24.2	65.0	6794.7	432.0	-21.1	-39.7	272.9	29.8	29.8	-1.5	320.4	321.4	0.3	16.8	30.2	109.
24.8	66.0	6950.1	423.0	-21.2	-44.8	269.0	29.2	29.2	0.5	322.2	322.8	0.2	9.8	31.1	108.
25.2	67.0	7072.9	416.0	-22.5	-45.3	267.9	30.4	30.4	1.1	322.0	322.6	0.2	10.4	31.7	108.
25.6	68.0	7197.2	409.0	-23.7	-45.7	268.0	31.8	31.8	1.1	322.0	322.6	0.2	11.1	32.5	107.
26.0	69.0	7323.1	402.0	-24.8	-46.4	268.8	32.3	32.3	0.7	322.2	322.8	0.1	11.2	33.3	107.
26.4	70.0	7450.6	395.0	-25.9	-47.2	269.0	32.1	32.1	0.6	322.5	323.0	0.1	11.3	34.0	106.
27.0	71.0	7617.2	386.0	-27.0	-48.1	268.3	32.3	32.3	0.9	323.1	323.5	0.1	11.5	34.9	106.
27.4	72.0	7748.8	379.0	-28.1	-48.8	266.2	31.6	31.5	2.1	323.4	323.8	0.1	11.6	35.9	105.
27.8	73.0	7863.1	373.0	-29.3	-49.7	263.3	29.8	29.6	3.5	323.3	323.7	0.1	11.7	36.6	105.
28.2	74.0	7998.1	366.0	-30.6	-50.0	260.4	28.1	27.7	4.7	323.3	323.7	0.1	12.9	37.2	104.
28.7	75.0	8115.3	360.0	-31.6	-50.4	258.6	27.5	27.0	5.4	323.4	323.8	0.1	13.5	37.9	104.
29.0	76.0	8253.9	353.0	-32.7	-50.9	258.5	28.0	27.4	5.6	323.8	324.2	0.1	14.1	38.4	104.
29.5	77.0	8374.3	347.0	-33.9	-52.1	259.0	29.9	29.4	5.7	323.8	324.1	0.1	13.7	38.9	103.
29.9	78.0	8516.8	340.0	-34.9	-52.6	259.0	30.7	30.1	5.9	324.2	324.5	0.1	14.3	39.9	103.
30.3	79.0	8640.7	334.0	-36.4	-53.5	258.9	31.0	30.4	5.9	323.9	324.2	0.1	15.0	40.5	102.
30.7	80.0	8766.2	328.0	-37.3	-54.2	259.4	31.5	31.0	5.8	324.3	324.6	0.1	15.1	41.1	102.
31.2	81.0	8936.3	320.0	-38.5	-55.4	260.2	32.6	32.2	5.5	324.9	325.1	0.1	14.7	42.0	101.
31.7	82.0	9066.0	314.0	-39.8	-55.9	260.0	32.8	32.3	5.7	325.0	325.2	0.1	15.8	43.0	101.
32.1	83.0	9197.5	308.0	-41.1	99.9	258.8	32.1	31.5	6.2	325.0	999.9	99.9	999.9	43.8	100.
32.6	84.0	9330.9	302.0	-42.4	99.9	257.2	31.3	30.5	6.9	325.1	999.9	99.9	999.9	44.5	100.
33.0	85.0	9443.4	297.0	-43.7	99.9	256.8	31.4	30.6	7.2	324.6	999.9	99.9	999.9	45.4	100.
33.6	86.0	9602.2	290.0	-45.1	99.9	257.4	32.1	31.3	7.0	324.9	999.9	99.9	999.9	46.2	99.
34.0	87.0	9742.4	284.0	-46.4	99.9	257.5	31.3	30.6	6.8	325.0	999.9	99.9	999.9	47.2	99.
34.4	88.0	9884.0	278.0	-47.1	99.9	257.5	28.9	28.2	6.2	325.9	999.9	99.9	999.9	47.8	98.
34.9	89.0	10003.8	273.0	-48.5	99.9	258.3	26.3	25.7	5.3	325.7	999.9	99.9	999.9	48.5	98.
35.3	90.0	10149.6	267.0	-49.8	99.9	259.5	25.6	25.1	4.7	325.9	999.9	99.9	999.9	49.1	98.
35.8	91.0	10272.9	262.0	-51.3	99.9	260.9	26.2	25.9	4.1	325.4	999.9	99.9	999.9	49.8	98.
36.2	92.0	10423.1	256.0	-52.4	99.9	261.7	27.5	27.2	3.9	326.0	999.9	99.9	999.9	50.4	97.
36.7	93.0	10550.3	251.0	-53.6	99.9	262.3	28.8	28.5	3.9	326.0	999.9	99.9	999.9	51.2	97.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
2315 GMT

156 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.1	94.0	10653.4	247.0	-54.4	99.9	262.6	29.2	28.9	3.7	326.3	999.9	99.9	999.9	52.0	97.
37.6	95.0	10810.6	241.0	-55.3	99.9	264.0	29.4	29.3	3.1	327.2	999.9	99.9	999.9	52.7	97.
38.2	96.0	10958.3	234.0	-56.2	99.9	266.4	30.4	30.3	1.9	328.8	999.9	99.9	999.9	53.8	96.
38.7	97.0	11135.6	229.0	-56.3	99.9	267.0	30.3	30.3	1.6	330.5	999.9	99.9	999.9	54.8	96.
39.2	98.0	11275.5	224.0	-57.1	99.9	266.8	29.5	29.5	1.7	331.4	999.9	99.9	999.9	55.6	96.
39.7	99.0	11389.4	220.0	-57.6	99.9	267.2	30.3	30.2	1.5	332.3	999.9	99.9	999.9	56.5	96.
40.2	100.0	11534.5	215.0	-57.8	99.9	268.9	34.1	34.1	0.7	334.2	999.9	99.9	999.9	57.2	96.
40.7	101.0	11713.6	209.0	-56.3	99.9	271.0	39.4	38.4	-0.7	339.3	999.9	99.9	999.9	58.5	96.
41.2	102.0	11867.5	204.0	-56.0	99.9	273.0	40.3	40.2	-2.1	342.2	999.9	99.9	999.9	59.8	96.
41.7	103.0	11993.3	200.0	-56.5	99.9	274.4	42.3	42.2	-3.3	343.3	999.9	99.9	999.9	60.8	96.
42.1	104.0	12154.2	195.0	-56.0	99.9	275.1	45.0	44.9	-4.0	346.6	999.9	99.9	999.9	61.9	96.
42.6	105.0	12286.0	191.0	-56.0	99.9	276.3	46.7	46.4	-5.1	348.7	999.9	99.9	999.9	63.3	96.
43.1	106.0	12455.4	186.0	-54.4	99.9	279.3	42.9	42.4	-6.9	353.9	999.9	99.9	999.9	65.0	96.
43.6	107.0	12594.7	182.0	-54.4	99.9	283.7	36.9	35.8	-8.7	356.1	999.9	99.9	999.9	65.9	96.
44.1	108.0	12736.8	178.0	-55.2	99.9	286.2	33.0	31.7	-9.2	357.1	999.9	99.9	999.9	67.1	96.
44.7	109.0	12881.8	174.0	-55.5	99.9	282.6	36.2	35.4	-7.9	358.9	999.9	99.9	999.9	67.9	96.
45.2	110.0	13067.5	169.0	-56.0	99.9	278.7	43.5	43.0	-6.6	361.1	999.9	99.9	999.9	69.0	96.
45.8	111.0	13258.4	164.0	-56.3	99.9	276.7	44.8	44.5	-5.2	363.7	999.9	99.9	999.9	71.2	96.
46.4	112.0	13414.8	160.0	-57.5	99.9	276.4	34.0	33.8	-3.8	364.3	999.9	99.9	999.9	72.7	96.
46.9	113.0	13574.3	156.0	-58.7	99.9	277.6	27.4	27.2	-3.6	364.9	999.9	99.9	999.9	73.4	96.
47.5	114.0	13696.1	153.0	-59.3	99.9	280.1	30.7*	30.2	-5.4	365.8	999.9	99.9	999.9	74.1	96.
47.9	115.0	13861.8	149.0	-59.9	99.9	279.9	39.7*	39.1	-6.8	367.7	999.9	99.9	999.9	74.9	96.
48.6	116.0	14074.7	144.0	-60.4	99.9	278.1	57.2*	56.6	-8.1	370.3	999.9	99.9	999.9	77.0	96.
49.1	117.0	14250.0	140.0	-61.1	99.9	278.1	61.6*	61.0	-8.7	372.1	999.9	99.9	999.9	78.9	96.
49.7	118.0	14384.2	137.0	-62.2	99.9	280.3	49.5*	48.7	-8.8	372.5	999.9	99.9	999.9	81.6	96.
50.2	119.0	14567.1	133.0	-62.7	99.9	280.7	36.3*	35.6	-6.7	374.7	999.9	99.9	999.9	82.5	97.
50.7	120.0	14707.5	130.0	-63.3	99.9	276.4	29.8*	29.6	-3.3	376.1	999.9	99.9	999.9	83.3	97.
51.3	121.0	14899.2	126.0	-64.3	99.9	271.7	31.2*	31.2	-0.9	377.8	999.9	99.9	999.9	84.4	97.
51.8	122.0	15046.4	123.0	-64.8	99.9	272.2	35.5*	35.5	-1.4	379.3	999.9	99.9	999.9	85.2	96.
52.3	123.0	15197.1	120.0	-64.8	99.9	274.3	37.4*	37.3	-2.8	382.0	999.9	99.9	999.9	86.5	96.
52.9	124.0	15403.4	116.0	-66.0	99.9	277.0	33.6*	33.3	-4.1	383.6	999.9	99.9	999.9	88.0	96.
53.5	125.0	15562.0	113.0	-66.8	99.9	279.9	29.5*	29.0	-5.1	385.0	999.9	99.9	999.9	88.8	96.
54.1	126.0	15779.2	109.0	-68.0	99.9	281.7	30.1*	29.5	-6.1	386.6	999.9	99.9	999.9	90.0	97.
54.7	127.0	15946.6	106.0	-68.7	99.9	282.4	33.2*	32.4	-7.1	388.5	999.9	99.9	999.9	91.1	97.
55.1	128.0	16118.4	103.0	-69.1	99.9	281.9	36.4*	35.6	-7.5	390.9	999.9	99.9	999.9	91.9	97.
55.7	129.0	16294.2	100.0	-71.1	99.9	279.5	38.9*	38.4	-6.4	390.4	999.9	99.9	999.9	93.3	97.
56.2	130.0	16474.5	97.0	-71.1	99.9	277.7	37.3*	36.9	-5.0	393.8	999.9	99.9	999.9	94.7	97.
57.0	131.0	16659.4	94.0	-73.2	99.9	277.0	38.2*	37.9	-4.6	393.2	999.9	99.9	999.9	95.8	97.
57.6	132.0	16849.3	91.0	-73.4	99.9	278.8	39.7*	39.3	-6.1	396.4	999.9	99.9	999.9	97.9	97.
58.1	133.0	17045.5	88.0	-73.2	99.9	282.4	36.5*	35.6	-7.8	400.7	999.9	99.9	999.9	98.9	97.
58.7	134.0	17248.7	85.0	-73.2	99.9	288.1	32.4*	30.8	-10.1	404.7	999.9	99.9	999.9	100.0	97.
59.3	135.0	17459.9	82.0	-71.8	99.9	290.7	29.8*	27.9	-10.5	411.8	999.9	99.9	999.9	101.2	97.
60.1	136.0	17679.6	79.0	-72.0	99.9	286.7	27.0*	25.9	-7.8	415.7	999.9	99.9	999.9	102.4	97.
60.9	137.0	17908.2	76.0	-71.1	99.9	282.2	26.6*	26.0	-5.6	422.3	999.9	99.9	999.9	103.7	97.
61.7	138.0	18146.6	73.0	-71.1	99.9	278.7	26.6*	26.3	-4.0	427.2	999.9	99.9	999.9	105.0	97.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

6 FEBRUARY 1975  
2315 GMT

156 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.6	139.0	18395.2	70.0	-70.6	99.9	278.0	27.6*	27.3	-3.9	433.3	999.9	99.9	999.9	106.4	97.
63.4	140.0	18655.9	67.0	-69.3	99.9	280.9	28.5*	28.0	-5.4	441.6	999.9	99.9	999.9	107.8	97.
64.3	141.0	18930.0	64.0	-68.5	99.9	280.3	27.5*	27.0	-4.9	449.3	999.9	99.9	999.9	109.3	97.
65.3	142.0	19219.1	61.0	-66.6	99.9	279.0	27.0*	26.6	-4.2	459.6	999.9	99.9	999.9	110.9	97.
66.3	143.0	19524.2	58.0	-66.6	99.9	280.4	26.7*	26.2	-4.8	466.3	999.9	99.9	999.9	112.5	97.
67.1	144.0	19737.2	56.0	-65.4	99.9	274.1	27.9*	27.8	-2.0	473.7	999.9	99.9	999.9	113.8	97.
68.1	145.0	20072.5	53.0	-65.0	99.9	271.1	32.2*	32.2	-0.6	482.2	999.9	99.9	999.9	115.6	97.
69.3	146.0	20429.8	50.0	-62.6	99.9	258.9	18.2*	17.9	3.5	496.1	999.9	99.9	999.9	117.3	97.
70.3	147.0	20681.5	48.0	-62.7	99.9	286.7	3.7*	3.5	-1.1	501.5	999.9	99.9	999.9	118.1	97.
71.3	148.0	21079.1	45.0	-62.9	99.9	272.6	17.8*	17.8	-0.8	510.4	999.9	99.9	999.9	118.7	97.
72.3	149.0	21359.2	43.0	-62.7	99.9	263.2	15.9*	15.8	1.9	517.5	999.9	99.9	999.9	119.6	97.
73.4	150.0	21804.7	40.0	-62.9	99.9	252.3	18.7*	17.8	5.7	527.8	999.9	99.9	999.9	120.5	97.
74.7	151.0	22285.4	37.0	-62.4	99.9	284.9	17.2*	16.6	-4.4	541.2	999.9	99.9	999.9	121.4	97.
76.1	152.0	22629.5	35.0	-61.1	99.9	262.4	18.0*	17.9	2.4	553.1	999.9	99.9	999.9	123.5	97.
77.3	153.0	23187.1	32.0	-60.4	99.9	192.4	14.7*	3.2	14.4	569.4	999.9	99.9	999.9	124.3	97.
78.7	154.0	23588.4	30.0	-61.3	99.9	227.4	26.1*	19.2	17.7	577.6	999.9	99.9	999.9	125.0	95.
80.2	155.0	24242.0	27.0	-61.5	99.9	296.6	21.3	19.1	-9.5	594.8	999.9	99.9	999.9	126.9	96.
81.9	156.0	24719.0	25.0	-61.6	99.9	267.4	20.9	20.9	1.0	607.5	999.9	99.9	999.9	128.5	96.
83.7	157.0	25511.0	22.0	-61.6	99.9	269.2	23.4	23.4	0.3	630.1	999.9	99.9	999.9	130.2	95.
85.6	158.0	26104.4	20.0	-59.5	99.9	261.7	16.5	16.3	2.4	654.0	999.9	99.9	999.9	133.6	95.
87.8	159.0	27132.9	17.0	-54.7	99.9	999.9	99.9	99.9	99.9	700.6	999.9	99.9	999.9	999.9	999.

STATION NO. 255  
VICTORIA, TEX

7 FEBRUARY 1975  
515 GMT

162 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	2.6	33.0	1024.0	2.0	-4.5	10.0	5.1	-0.9	-5.0	273.6	280.6	2.7	62.0	0.0	0.
0.0	3.0	72.5	1019.0	1.9	-8.8	9.4	11.7	-1.9	-11.6	273.8	278.9	1.9	44.8	0.4	185.
0.3	4.0	168.0	1007.0	1.4	-6.8	9.4	11.7	-1.9	-11.6	274.3	280.3	2.3	54.5	0.4	185.
0.7	5.0	272.3	994.0	-0.1	-7.6	3.6	12.2	-1.8	-12.1	273.8	279.5	2.2	57.0	0.6	186.
1.2	6.0	393.8	979.0	-1.4	-8.2	6.0	13.4	-1.4	-13.4	273.7	279.2	2.1	59.7	1.0	187.
1.5	7.0	492.0	967.0	-1.8	-8.3	3.8	14.2	-0.9	-14.2	274.2	279.8	2.1	61.4	1.2	187.
1.9	8.0	591.1	955.0	-3.2	-9.9	0.5	15.7	-0.1	-15.7	273.7	278.7	1.9	60.1	1.6	186.
2.2	9.0	691.1	943.0	-3.7	-11.7	1.4	16.1	-0.4	-16.1	274.2	278.6	1.6	53.6	1.8	185.
2.5	10.0	783.9	932.0	-3.1	-12.5	3.8	15.0	-1.1	-16.0	275.8	280.0	1.6	48.0	2.2	184.
3.0	11.0	913.6	917.0	2.0	-12.0	9.6	13.6	-2.3	-13.4	282.3	286.9	1.7	34.4	2.6	185.
3.3	12.0	1011.1	906.0	3.0	-12.6	8.0	12.4	-1.7	-12.3	284.3	288.8	1.6	30.6	2.8	185.
3.7	13.0	1119.1	894.0	3.2	-12.7	4.7	11.7	-1.0	-11.7	285.6	290.1	1.6	29.9	3.1	185.
4.1	14.0	1219.4	883.0	2.9	-13.8	0.8	12.0	-0.2	-12.0	286.2	290.4	1.5	28.0	3.4	185.
4.4	15.0	1330.1	871.0	2.7	-14.1	358.2	11.9	0.4	-11.9	287.2	291.4	1.5	27.6	3.6	185.
4.9	16.0	1461.0	857.0	2.0	-15.0	351.4	10.0	1.5	-9.9	287.8	291.8	1.4	26.8	3.9	184.
5.2	17.0	1565.0	846.0	1.4	-16.0	349.0	8.5	1.6	-8.4	288.1	291.9	1.3	26.1	4.1	183.
5.6	18.0	1670.3	835.0	1.0	-16.6	347.4	6.8	1.5	-6.6	288.9	292.5	1.2	25.2	4.3	183.
6.0	19.0	1776.7	824.0	0.2	-17.3	345.4	5.9	1.5	-5.7	289.1	292.6	1.2	25.3	4.4	182.
6.4	20.0	1884.3	813.0	-0.4	-18.6	341.4	6.6	2.1	-6.2	289.5	292.7	1.1	23.6	4.6	181.
6.8	21.0	2013.0	800.0	-0.9	-20.7	334.1	7.1	3.1	-6.4	290.3	293.0	0.9	20.5	4.7	181.
7.3	22.0	2123.4	789.0	-1.4	-21.6	322.9	8.8	5.3	-7.0	290.9	293.5	0.9	19.6	4.9	180.
7.6	23.0	2225.0	779.0	-1.0	-29.5	317.5	10.6	7.1	-7.8	292.3	293.6	0.4	9.3	5.0	179.
8.0	24.0	2338.5	768.0	-0.7	-29.3	312.7	13.9	10.2	-9.4	293.8	295.2	0.4	9.3	5.2	177.
8.4	25.0	2443.3	758.0	0.1	-23.0	309.9	17.8	13.6	-11.4	295.8	298.3	0.8	15.6	5.5	174.
8.9	26.0	2582.1	745.0	1.4	-18.6	306.2	21.6	17.4	-12.8	298.8	302.4	1.2	20.9	6.0	170.
9.2	27.0	2690.9	735.0	1.4	-18.6	303.5	22.9	19.1	-12.7	299.9	303.6	1.2	20.9	6.3	167.
9.6	28.0	2801.2	725.0	1.9	-19.3	299.8	23.8	20.6	-11.8	301.6	305.2	1.1	18.9	6.7	163.
10.0	29.0	2913.0	715.0	1.2	-19.5	296.3	23.7	21.2	-10.5	302.1	305.6	1.1	19.5	7.1	160.
10.4	30.0	3026.0	705.0	-0.1	-20.0	293.5	23.1	21.2	-9.2	301.9	305.3	1.1	20.5	7.5	157.
10.7	31.0	3128.7	696.0	-0.7	-19.3	291.5	22.8	21.2	-8.4	302.3	306.0	1.2	22.8	7.8	155.
11.2	32.0	3244.2	686.0	-1.4	-18.8	288.3	22.5	21.3	-7.1	302.9	306.7	1.3	24.9	8.3	151.
11.6	33.0	3361.0	676.0	-2.0	-19.0	285.9	22.4	21.5	-6.1	303.4	307.3	1.3	25.8	8.7	149.
12.0	34.0	3467.3	667.0	-3.1	-19.7	283.9	22.2	21.6	-5.3	303.3	307.0	1.2	26.2	9.1	146.
12.4	35.0	3586.8	657.0	-3.7	-20.4	282.9	21.8	21.3	-4.9	304.0	307.5	1.1	25.9	9.5	144.
12.9	36.0	3719.9	646.0	-4.5	-21.3	282.5	21.4	20.9	-4.6	304.5	307.9	1.1	25.5	10.0	142.
13.3	37.0	3842.6	636.0	-5.2	-21.4	282.7	21.2	20.6	-4.6	305.0	308.4	1.1	26.7	10.4	140.
13.7	38.0	3954.4	627.0	-6.0	-20.6	283.1	21.2	20.7	-4.8	305.4	309.1	1.2	30.4	10.8	138.
14.1	39.0	4067.4	618.0	-7.0	-19.8	283.5	21.8	21.2	-5.1	305.5	309.5	1.3	35.2	11.2	137.
14.5	40.0	4182.0	609.0	-6.0	-19.2	283.8	23.3	22.6	-5.6	308.0	312.3	1.4	34.3	11.6	136.
15.0	41.0	4324.8	598.0	-6.0	-19.6	283.7	26.2	25.4	-6.2	309.6	313.9	1.3	33.1	12.2	134.
15.4	42.0	4443.6	589.0	-6.0	-20.2	283.6	27.9	27.2	-6.6	311.0	315.1	1.3	31.4	12.9	132.
15.9	43.0	4564.1	580.0	-6.3	-22.3	284.1	29.2	28.3	-7.1	311.9	315.5	1.1	26.7	13.6	130.
16.3	44.0	4686.2	571.0	-7.0	-23.1	284.8	29.6	28.6	-7.6	312.5	315.8	1.0	26.4	14.3	129.
16.7	45.0	4810.0	562.0	-7.6	-23.6	285.3	29.7	28.7	-7.8	313.2	316.5	1.0	26.4	14.9	128.
17.1	46.0	4949.4	552.0	-8.8	-24.6	285.4	29.7	28.6	-7.9	313.4	316.5	0.9	26.4	15.6	127.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 255  
VICTORIA, TEX

7 FEBRUARY 1975  
515 GMT

162 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.5	47.0	1062.2	544.0	-10.0	-24.8	284.8	29.7	28.7	-7.6	313.3	316.4	0.9	28.4	16.3	126.
18.0	48.0	5190.8	535.0	-10.4	-25.8	283.1	30.0	29.2	-6.8	314.3	317.1	0.9	26.9	17.1	125.
18.4	49.0	5306.6	527.0	-11.3	-27.0	281.6	30.5	29.9	-6.2	314.6	317.2	0.8	25.8	17.7	124.
18.9	50.0	5423.8	519.0	-12.1	-28.1	280.6	30.9	30.4	-5.7	314.9	317.4	0.7	25.0	18.6	123.
19.3	51.0	5572.4	509.0	-13.1	-29.2	280.6	31.2	30.6	-5.7	315.5	317.7	0.7	24.3	19.3	122.
19.8	52.0	5692.7	501.0	-14.5	-30.2	281.6	31.2	30.6	-6.3	315.2	317.3	0.6	24.7	20.1	121.
20.2	53.0	5829.9	492.0	-15.3	-30.9	282.8	31.1	30.3	-6.9	315.8	317.8	0.6	24.8	20.9	120.
20.6	54.0	5938.0	485.0	-15.9	-31.6	283.6	30.7	29.9	-7.3	316.4	318.3	0.6	24.4	21.6	120.
21.1	55.0	6063.2	477.0	-16.9	-32.6	283.0	30.3	29.5	-6.8	316.7	318.5	0.5	24.0	22.4	119.
21.5	56.0	6221.9	467.0	-18.2	-33.7	281.2	29.7	29.1	-5.8	317.0	318.6	0.5	24.1	23.2	119.
22.0	57.0	6350.6	459.0	-19.4	-34.0	279.0	28.7	28.4	-4.5	317.0	318.6	0.5	26.1	24.0	118.
22.4	58.0	6464.6	452.0	-20.4	-34.8	278.5	28.6	28.3	-4.2	317.2	318.7	0.4	26.1	24.6	118.
22.9	59.0	6596.6	444.0	-21.4	-34.9	278.6	29.4	29.1	-4.4	317.5	319.0	0.4	28.3	25.4	117.
23.4	60.0	6713.5	437.0	-22.8	-36.1	278.9	31.2	30.8	-4.8	317.2	318.6	0.4	28.4	26.3	116.
23.8	61.0	6848.7	429.0	-23.8	-37.0	278.7	32.8	32.5	-5.0	317.6	318.8	0.4	28.4	27.0	116.
24.2	62.0	6968.7	422.0	-24.5	-37.6	278.1	33.9	33.6	-4.8	318.2	319.4	0.4	28.4	27.8	115.
24.6	63.0	7090.5	415.0	-24.8	-37.8	277.0	33.9	33.7	-4.2	319.4	320.6	0.3	28.4	28.7	115.
25.2	64.0	7214.1	408.0	-25.6	-38.5	276.1	32.5	32.3	-3.4	319.9	321.1	0.3	28.5	29.8	114.
25.6	65.0	7357.5	400.0	-26.4	-38.2	276.4	32.0	31.8	-3.6	320.7	322.0	0.3	31.6	30.4	114.
26.3	66.0	7503.1	392.0	-28.1	-38.9	277.4	32.2	32.0	-4.2	320.3	321.5	0.3	34.4	31.8	113.
26.8	67.0	7632.2	385.0	-29.0	-39.9	277.2	33.0	32.7	-4.1	320.8	321.9	0.3	33.9	32.7	112.
27.3	68.0	7763.1	378.0	-30.3	-40.6	276.2	33.9	33.7	-3.6	320.7	321.8	0.3	35.6	33.7	112.
27.7	69.0	7895.9	371.0	-31.1	-40.2	274.8	34.4	34.3	-2.9	321.4	322.5	0.3	39.7	34.5	112.
28.2	70.0	8011.2	365.0	-32.3	-40.0	272.7	34.5	34.4	-1.6	321.3	322.5	0.3	45.9	35.4	111.
28.8	71.0	8167.3	357.0	-33.5	-40.1	270.4	33.8	33.8	-0.2	321.8	322.9	0.3	50.7	36.6	110.
29.3	72.0	8306.0	350.0	-34.6	-40.1	269.5	33.5	33.5	0.3	322.0	323.2	0.3	57.2	37.6	110.
29.7	73.0	8426.6	344.0	-35.4	-40.9	269.6	33.8	33.8	0.2	322.5	323.6	0.3	56.8	38.3	109.
30.1	74.0	8569.4	337.0	-36.8	-42.2	270.2	34.0	34.0	-0.1	322.6	323.6	0.3	56.9	39.0	109.
30.5	75.0	8693.5	331.0	-38.0	-43.3	270.6	33.3	33.3	-0.4	322.6	323.5	0.2	57.1	40.1	109.
31.0	76.0	8819.2	325.0	-39.2	-44.4	271.3	32.9	32.9	-0.8	322.6	323.4	0.2	57.3	40.7	108.
31.4	77.0	8946.7	319.0	-40.0	-45.5	272.5	35.5	35.4	-1.5	323.2	323.9	0.2	54.9	41.5	108.
31.9	78.0	9076.0	313.0	-41.2	99.9	273.2	39.5	39.4	-2.2	323.3	999.9	99.9	999.9	42.5	108.
32.4	79.0	9207.3	307.0	-42.0	99.9	272.9	41.2	41.1	-2.1	324.0	999.9	99.9	999.9	44.0	107.
32.9	80.0	9340.6	301.0	-43.0	99.9	272.5	40.8	40.7	-1.8	324.5	999.9	99.9	999.9	44.9	107.
33.4	81.0	9498.8	294.0	-44.3	99.9	272.0	40.1	40.1	-1.4	324.9	999.9	99.9	999.9	46.3	106.
33.9	82.0	9636.7	288.0	-45.5	99.9	270.5	39.3	39.3	-0.4	325.0	999.9	99.9	999.9	47.4	106.
34.4	83.0	9753.2	283.0	-46.7	99.9	269.3	39.6	39.6	0.5	325.0	999.9	99.9	999.9	48.4	106.
34.9	84.0	9895.2	277.0	-47.1	99.9	269.2	41.8	41.8	0.6	326.4	999.9	99.9	999.9	49.6	105.
35.3	85.0	10039.9	271.0	-48.0	99.9	269.0	43.1	43.1	0.7	327.1	999.9	99.9	999.9	50.6	105.
35.9	86.0	10187.0	265.0	-49.9	99.9	267.3	42.9	42.8	2.0	326.5	999.9	99.9	999.9	52.3	104.
36.3	87.0	10311.3	260.0	-50.8	99.9	265.4	43.4	43.2	3.5	326.9	999.9	99.9	999.9	53.1	104.
36.8	88.0	10463.0	254.0	-51.8	99.9	263.7	46.2	45.9	5.1	327.5	999.9	99.9	999.9	54.2	104.
37.2	89.0	10591.5	249.0	-53.2	99.9	262.4	47.9	47.5	6.3	327.3	999.9	99.9	999.9	55.4	103.
37.7	90.0	10721.8	244.0	-54.5	99.9	260.5	47.5	46.9	7.9	327.4	999.9	99.9	999.9	57.0	103.
38.2	91.0	10854.1	239.0	-55.4	99.9	259.4	47.2*	46.4	8.7	327.9	999.9	99.9	999.9	58.0	102.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

7 FEBRUARY 1975  
515 GMT.

162 14. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.6	92.0	10988.6	234.0	-56.6	99.9	260.3	48.7*	48.0	8.2	328.1	999.9	99.9	999.9	58.9	102.
39.1	93.0	11125.3	229.0	-57.7	99.9	262.7	50.5*	50.1	6.4	328.4	999.9	99.9	999.9	60.7	101.
39.6	94.0	11264.3	224.0	-58.4	99.9	264.8	47.7*	47.5	4.3	329.4	999.9	99.9	999.9	62.0	101.
40.0	95.0	11406.9	219.0	-56.7	99.9	265.7	42.5*	42.4	3.1	334.2	999.9	99.9	999.9	63.2	101.
40.6	96.0	11553.3	214.0	-56.7	99.9	266.9	37.4*	37.4	2.0	336.4	999.9	99.9	999.9	64.5	100.
41.1	97.0	11703.9	209.0	-54.6	99.9	269.0	38.7*	38.7	0.7	341.9	999.9	99.9	999.9	65.1	100.
41.5	98.0	11827.4	205.0	-55.3	99.9	270.5	40.7*	40.7	-0.4	342.8	999.9	99.9	999.9	66.8	100.
42.1	99.0	11985.1	200.0	-54.9	99.9	269.4	39.1*	39.1	0.4	345.8	999.9	99.9	999.9	67.8	100.
42.6	100.0	12114.2	196.0	-54.9	99.9	267.0	37.1*	37.1	2.0	347.8	999.9	99.9	999.9	69.1	100.
43.2	101.0	12279.0	191.0	-55.9	99.9	265.9	36.1*	36.0	2.6	348.8	999.9	99.9	999.9	70.3	99.
43.7	102.0	12447.7	186.0	-56.2	99.9	268.9	39.6*	39.6	0.7	350.9	999.9	99.9	999.9	71.3	99.
44.3	103.0	12585.7	182.0	-56.6	99.9	274.0	47.9*	47.8	-3.4	352.6	999.9	99.9	999.9	72.6	99.
44.8	104.0	12726.8	178.0	-56.1	99.9	276.0	46.7*	46.4	-4.9	355.6	999.9	99.9	999.9	74.8	99.
45.3	105.0	12871.2	174.0	-56.6	99.9	274.9	39.2*	39.0	-3.3	357.1	999.9	99.9	999.9	75.8	99.
45.4	106.0	13018.5	170.0	-57.2	99.9	270.0	35.9*	35.9	-0.0	358.4	999.9	99.9	999.9	77.0	99.
46.4	107.0	13168.9	166.0	-57.9	99.9	267.2	39.5*	39.4	1.9	359.8	999.9	99.9	999.9	77.9	99.
47.0	108.0	13293.7	163.0	-58.6	99.9	265.9	41.8*	41.7	3.0	360.5	999.9	99.9	999.9	79.4	98.
47.5	109.0	13439.5	159.0	-59.4	99.9	266.1	40.9*	40.8	2.8	361.6	999.9	99.9	999.9	81.2	98.
48.0	110.0	13599.0	155.0	-59.4	99.9	268.5	42.6*	42.6	1.1	364.3	999.9	99.9	999.9	81.3	98.
48.7	111.0	13762.8	151.0	-59.1	99.9	273.7	47.8*	47.7	-3.1	367.6	999.9	99.9	999.9	84.0	98.
49.3	112.0	13931.0	147.0	-59.6	99.9	278.7	49.2*	48.6	-7.4	369.5	999.9	99.9	999.9	85.5	98.
49.7	113.0	14059.5	144.0	-61.0	99.9	282.0	45.3*	44.3	-9.4	369.3	999.9	99.9	999.9	86.9	98.
50.3	114.0	14234.4	140.0	-61.4	99.9	286.8	32.1*	30.7	-9.3	371.6	999.9	99.9	999.9	88.6	98.
50.7	115.0	14368.6	137.0	-62.1	99.9	289.1	26.4*	25.0	-8.6	372.7	999.9	99.9	999.9	88.9	98.
51.4	116.0	14551.0	133.0	-63.9	99.9	288.3	29.5*	28.0	-9.3	372.5	999.9	99.9	999.9	89.5	98.
51.9	117.0	14737.7	129.0	-64.9	99.9	287.5	26.7*	25.5	-8.1	374.1	999.9	99.9	999.9	91.3	98.
52.3	118.0	14880.8	126.0	-66.1	99.9	285.0	22.2*	21.5	-5.7	374.5	999.9	99.9	999.9	91.7	98.
52.8	119.0	14977.6	124.0	-67.1	99.9	278.6	25.7*	25.4	-3.8	374.4	999.9	99.9	999.9	91.5	98.
53.4	120.0	15175.1	120.0	-67.9	99.9	273.9	40.6*	40.5	-2.8	376.4	999.9	99.9	999.9	93.0	98.
53.9	121.0	15327.1	117.0	-68.5	99.9	270.6	44.3*	44.3	-0.4	378.0	999.9	99.9	999.9	94.8	98.
54.5	122.0	15482.5	114.0	-69.2	99.9	266.5	40.5*	40.4	2.4	379.6	999.9	99.9	999.9	96.0	98.
55.0	123.0	15641.8	111.0	-69.2	99.9	266.0	40.3*	40.2	2.8	382.5	999.9	99.9	999.9	96.9	98.
55.5	124.0	15805.0	108.0	-70.5	99.9	267.1	41.5*	41.5	2.1	383.0	999.9	99.9	999.9	98.9	98.
56.0	125.0	15972.1	105.0	-70.7	99.9	269.1	42.7*	42.7	0.7	385.7	999.9	99.9	999.9	98.9	98.
56.7	126.0	16143.3	102.0	-72.3	99.9	274.7	46.7*	46.6	-3.8	385.8	999.9	99.9	999.9	101.6	97.
57.4	127.0	16319.4	99.0	-71.4	99.9	280.0	48.2*	47.5	-8.4	390.9	999.9	99.9	999.9	103.8	97.
57.9	128.0	16501.3	96.0	-71.2	99.9	281.6	37.5*	36.7	-7.5	394.8	999.9	99.9	999.9	105.3	98.
58.4	129.0	16625.7	94.0	-71.9	99.9	281.3	24.4*	24.0	-4.8	395.9	999.9	99.9	999.9	106.1	98.
59.0	130.0	16816.6	91.0	-72.5	99.9	280.4	24.3*	23.9	-4.4	398.2	999.9	99.9	999.9	106.1	98.
59.6	131.0	17013.2	88.0	-73.3	99.9	280.9	35.1*	34.5	-6.7	400.6	999.9	99.9	999.9	107.5	98.
60.2	132.0	17147.6	86.0	-74.0	99.9	281.5	31.3*	30.6	-6.2	401.8	999.9	99.9	999.9	109.4	98.
60.7	133.0	17355.1	83.0	-73.3	99.9	282.3	25.6*	25.0	-5.5	407.3	999.9	99.9	999.9	109.9	98.
61.3	134.0	17498.0	81.0	-73.0	99.9	281.8	31.4*	30.7	-6.4	410.7	999.9	99.9	999.9	110.2	98.
61.9	135.0	17718.9	78.0	-73.5	99.9	281.4	32.8*	32.1	-6.5	414.1	999.9	99.9	999.9	112.4	98.
62.6	136.0	17870.8	76.0	-73.5	99.9	288.5	11.8*	11.2	-3.7	417.2	999.9	99.9	999.9	113.4	98.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

7 FEBRUARY 1975  
515 GMT

162 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.4	137.0	18107.1	73.0	-72.3	99.9	280.3	5.0*	5.0	-0.9	424.6	999.9	99.9	999.9	112.8	98.
64.1	138.0	18270.3	71.0	-72.8	99.9	265.8	13.6*	13.5	1.0	427.0	999.9	99.9	999.9	113.6	98.
65.0	139.0	18524.6	68.0	-71.4	99.9	272.7	20.9*	20.9	-1.0	435.3	999.9	99.9	999.9	113.8	98.
65.6	140.0	18791.8	65.0	-70.5	99.9	277.8	34.1*	33.7	-4.6	442.9	999.9	99.9	999.9	115.3	98.
66.3	141.0	18977.3	63.0	-70.5	99.9	279.4	39.8*	39.3	-6.5	446.9	999.9	99.9	999.9	117.2	98.
67.1	142.0	19169.2	61.0	-69.6	99.9	280.2	26.4*	26.0	-4.7	453.0	999.9	99.9	999.9	118.9	98.
67.9	143.0	19470.4	58.0	-69.0	99.9	288.2	12.2*	11.6	-3.8	461.0	999.9	99.9	999.9	119.5	98.
68.8	144.0	19680.5	56.0	-68.5	99.9	287.5	14.6*	13.9	-4.4	466.6	999.9	99.9	999.9	119.9	98.
69.7	145.0	20009.8	53.0	-69.4	99.9	266.5	9.5*	9.5	0.6	472.0	999.9	99.9	999.9	121.4	98.
70.5	146.0	20239.6	51.0	-69.0	99.9	263.7	13.6*	13.5	1.5	478.3	999.9	99.9	999.9	121.2	98.
71.6	147.0	20480.2	49.0	-66.7	99.9	267.5	11.3*	11.3	0.5	489.2	999.9	99.9	999.9	122.6	98.
72.5	148.0	20732.2	47.0	-66.7	99.9	280.7	18.1*	17.7	-3.4	495.0	999.9	99.9	999.9	121.6	98.
73.5	149.0	21132.8	44.0	-64.9	99.9	275.0	34.2*	34.0	-3.0	508.8	999.9	99.9	999.9	125.0	98.
74.5	150.0	21415.9	42.0	-65.9	99.9	244.7	15.2*	13.7	6.5	513.2	999.9	99.9	999.9	126.6	98.
75.5	151.0	21713.5	40.0	-63.9	99.9	213.3	13.3*	7.3	11.1	525.3	999.9	99.9	999.9	127.0	97.
76.6	152.0	22029.9	38.0	-61.2	99.9	236.5	18.5*	15.4	10.2	540.1	999.9	99.9	999.9	127.2	97.
77.7	153.0	22366.7	36.0	-59.8	99.9	259.1	19.0*	18.6	3.9	552.2	999.9	99.9	999.9	128.8	97.
78.8	154.0	22722.9	34.0	-61.0	99.9	271.8	9.8*	9.8	-0.3	558.0	999.9	99.9	999.9	129.3	97.
80.0	155.0	23295.0	31.0	-62.5	99.9	271.8	40.6*	40.5	-1.3	569.0	999.9	99.9	999.9	130.5	97.
81.3	156.0	23706.2	29.0	-62.8	99.9	271.5	20.8*	20.8	-0.5	579.0	999.9	99.9	999.9	134.0	96.
82.7	157.0	24146.7	27.0	-62.6	99.9	270.7	24.3*	24.3	-0.3	591.5	999.9	99.9	999.9	135.0	96.
84.1	158.0	24621.4	25.0	-62.5	99.9	261.8	12.0*	11.8	1.7	605.1	999.9	99.9	999.9	137.5	96.
85.8	159.0	25136.9	23.0	-61.7	99.9	260.3	21.3*	21.0	3.6	621.9	999.9	99.9	999.9	137.0	96.
87.4	160.0	26003.6	20.0	-61.2	99.9	260.1	18.1*	17.9	3.1	648.9	999.9	99.9	999.9	142.0	96.
89.3	161.0	26662.8	18.0	-57.9	99.9	282.8	31.0*	30.3	-6.9	679.1	999.9	99.9	999.9	143.3	96.
91.3	162.0	27406.6	16.0	-57.2	99.9	248.4	9.0*	8.4	3.3	704.6	999.9	99.9	999.9	144.9	96.
93.7	163.0	28255.0	14.0	-55.3	99.9	999.9	99.9	99.9	99.9	738.7	999.9	99.9	999.9	999.9	999.

STATION NO. 255  
VICTORIA, TEX

7 FEBRUARY 1975  
1115 GMT

158 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	2.7	33.0	1023.7	-2.6	-5.9	10.0	3.1	-0.5	-3.1	269.1	275.2	2.4	78.0	0.0	0.
0.3	3.0	61.7	1020.0	-2.6	-7.2	999.9	99.9	99.9	99.9	269.3	274.9	2.2	70.3	999.9	999.
0.7	4.0	163.4	1007.0	-3.1	-7.7	999.9	99.9	99.9	99.9	269.8	275.3	2.1	70.1	999.9	999.
1.0	5.0	266.2	994.0	-4.0	-8.4	999.9	99.9	99.9	99.9	269.9	275.2	2.0	71.1	999.9	999.
1.5	6.0	378.0	580.0	-4.8	-9.0	999.9	99.9	99.9	99.9	270.2	275.3	2.0	72.0	999.9	999.
1.8	7.0	483.0	967.0	-5.1	-14.5	27.7	10.8	-5.0	-9.6	270.8	274.3	1.3	47.2	0.9	204.
2.1	8.0	581.5	955.0	-2.9	-15.2	29.3	10.1	-4.9	-8.8	274.0	277.3	1.2	38.1	1.1	205.
2.6	9.0	673.5	944.0	-1.6	-14.9	27.8	8.2	-3.8	-7.3	276.2	279.7	1.3	35.3	1.3	206.
2.9	10.0	775.8	932.0	0.9	-15.4	23.2	8.7	-3.4	-8.0	279.8	283.3	1.2	28.1	1.5	206.
3.3	11.0	906.3	917.0	1.4	-23.4	18.7	9.5	-3.0	-9.0	281.5	283.4	0.6	13.7	1.7	205.
3.7	12.0	1012.4	905.0	2.1	-28.4	17.2	10.0	-2.9	-9.6	283.3	284.5	0.4	8.3	1.9	204.
4.0	13.0	1110.9	894.0	1.9	-27.8	17.5	10.2	-3.1	-9.7	284.1	285.4	0.4	8.8	2.1	203.
4.3	14.0	1210.7	883.0	1.9	-25.4	12.9	8.7	-1.9	-8.4	285.1	286.7	0.5	11.0	2.3	203.
4.7	15.0	1321.1	871.0	2.4	-28.9	3.2	7.4	-0.4	-7.4	286.7	287.9	0.4	7.7	2.5	202.
5.2	16.0	1452.0	857.0	2.7	-23.8	353.9	7.1	0.7	-7.0	288.4	290.4	0.6	12.0	2.6	200.
5.5	17.0	1556.3	846.0	2.1	-23.8	353.4	6.9	0.8	-6.8	288.8	290.8	0.7	12.6	2.8	199.
5.9	18.0	1661.8	835.0	1.6	-22.4	348.9	5.9	1.1	-5.8	289.4	291.6	0.8	14.7	2.9	197.
6.3	19.0	1768.3	824.0	0.3	-23.0	345.3	5.7	1.4	-5.5	289.1	291.3	0.7	15.3	3.0	196.
6.7	20.0	1875.8	813.0	-0.5	-23.6	338.6	5.9	2.1	-5.5	289.3	291.4	0.7	15.4	3.1	195.
7.1	21.0	2014.3	799.0	-1.5	-24.0	329.7	6.8	3.4	-5.9	289.7	291.8	0.7	16.0	3.2	193.
7.5	22.0	2114.5	789.0	-2.1	-25.6	324.9	9.0	5.2	-7.4	290.1	291.9	0.6	14.5	3.3	191.
7.9	23.0	2225.8	778.0	-2.7	-28.6	324.1	11.3	6.6	-9.1	290.6	292.0	0.5	11.5	3.5	188.
8.2	24.0	2338.9	767.0	-1.5	-33.7	323.4	13.0	7.8	-10.5	293.1	294.0	0.3	6.4	3.7	185.
8.7	25.0	2443.7	757.0	0.1	-28.3	320.4	15.9	10.1	-12.3	296.0	297.5	0.5	9.6	4.0	182.
9.0	26.0	2582.7	744.0	1.4	-23.4	317.5	17.5	11.8	-12.9	298.9	301.3	0.8	13.7	4.3	179.
9.4	27.0	2691.4	734.0	0.8	-22.3	311.2	18.8	14.2	-12.4	299.3	302.0	0.9	15.8	4.6	175.
9.8	28.0	2801.7	724.0	1.6	-20.7	305.7	19.6	15.9	-11.4	301.4	304.6	1.0	17.2	5.0	171.
10.2	29.0	2925.0	713.0	1.4	-21.1	301.6	20.1	17.1	-10.5	302.6	305.7	1.0	16.7	5.3	167.
10.7	30.0	3038.4	703.0	0.4	-20.9	298.2	20.3	17.9	-9.6	302.7	305.9	1.0	18.2	5.7	162.
11.0	31.0	3141.6	694.0	-0.4	-21.0	296.7	20.4	18.2	-9.1	302.9	306.1	1.0	19.2	6.0	160.
11.4	32.0	3257.4	684.0	-1.3	-20.5	294.5	20.4	18.6	-8.5	303.1	306.5	1.1	21.6	6.3	157.
11.8	33.0	3374.6	674.0	-2.3	-20.6	292.5	20.3	18.8	-7.8	303.3	306.8	1.1	23.0	6.7	154.
12.2	34.0	3493.0	664.0	-3.2	-20.5	290.4	20.2	18.9	-7.0	303.6	307.1	1.1	24.7	7.1	151.
12.7	35.0	3601.0	655.0	-3.4	-21.5	287.7	20.0	19.1	-6.1	304.6	307.9	1.0	23.0	7.5	148.
13.1	36.0	3747.4	643.0	-2.7	-21.6	285.6	20.2	19.5	-5.4	306.9	310.2	1.1	21.7	7.9	146.
13.5	37.0	3859.0	634.0	-3.2	-22.0	284.2	20.7	20.1	-5.1	307.6	310.9	1.0	21.7	8.3	144.
13.9	38.0	3972.0	625.0	-3.8	-20.7	285.1	21.8	21.1	-5.7	308.2	311.9	1.2	25.6	8.6	141.
14.3	39.0	4099.3	615.0	-4.0	-22.9	286.9	23.1	22.1	-6.7	309.4	312.6	1.0	21.3	9.1	139.
14.6	40.0	4202.4	607.0	-4.6	-24.1	288.2	23.9	22.7	-7.5	309.9	312.7	0.9	20.0	9.4	138.
15.1	41.0	4359.4	595.0	-5.2	-25.6	289.7	24.6	23.1	-8.3	310.9	313.5	0.8	18.2	10.1	136.
15.5	42.0	4478.9	586.0	-6.0	-25.4	289.9	24.4	22.9	-8.3	311.4	314.1	0.8	19.7	10.7	135.
15.9	43.0	4586.3	578.0	-7.2	-25.9	289.6	23.9	22.6	-8.0	311.2	313.8	0.8	20.7	11.2	133.
16.3	44.0	4708.5	569.0	-7.8	-25.7	289.0	23.9	22.5	-7.8	311.9	314.6	0.8	22.0	11.7	132.
16.7	45.0	4832.2	560.0	-8.9	-26.7	288.3	24.0	22.8	-7.5	311.9	314.5	0.8	22.1	12.2	131.
17.1	46.0	4943.4	552.0	-9.8	-27.4	287.3	24.2	23.1	-7.2	312.2	314.6	0.7	22.1	12.8	130.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPFD MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TEX

7 FEBRUARY 1975  
1115 GMT

158 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SFC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
17.5	47.0	5070.1	543.0	-10.5	-27.6	285.9	24.4	23.4	-6.7	312.8	315.2	0.7	23.0	13.4	129.
18.0	48.0	5184.2	535.0	-11.2	-28.3	284.4	24.6	23.9	-6.1	313.3	315.5	0.7	22.7	13.9	128.
18.4	49.0	5314.3	526.0	-11.5	-28.8	283.9	25.1	24.3	-6.0	314.4	316.7	0.7	22.3	14.5	127.
18.9	50.0	5431.5	518.0	-12.8	-30.0	283.7	25.6	24.9	-6.1	314.3	316.3	0.6	21.9	15.2	126.
19.4	51.0	5579.9	508.0	-14.1	-31.3	284.0	26.0	25.2	-6.3	314.5	316.3	0.5	21.6	15.9	125.
19.9	52.0	5700.2	500.0	-14.9	-32.0	284.5	26.3	25.5	-6.6	314.9	316.7	0.5	21.6	16.7	124.
20.3	53.0	5822.1	492.0	-15.7	-32.2	284.8	26.7	25.8	-6.8	315.3	317.1	0.5	22.5	17.3	123.
20.8	54.0	5945.6	484.0	-16.3	-33.5	284.8	27.1	26.2	-6.9	316.1	317.7	0.5	20.9	18.1	122.
21.2	55.0	6070.7	476.0	-17.4	-34.0	285.1	27.3	26.4	-7.1	316.3	317.8	0.4	21.8	18.7	122.
21.8	56.0	6213.4	467.0	-18.6	-34.4	285.4	27.4	26.3	-7.7	316.5	318.0	0.4	23.1	19.6	121.
22.2	57.0	6342.0	459.0	-19.8	-35.5	287.2	27.4	26.2	-8.1	316.5	317.9	0.4	23.2	20.3	120.
22.6	58.0	6472.3	451.0	-20.5	-36.2	287.5	27.4	26.1	-8.2	317.3	318.6	0.4	22.9	20.9	120.
23.1	59.0	6587.9	444.0	-21.6	-36.3	286.3	27.4	26.3	-7.7	317.3	318.7	0.4	24.9	21.7	120.
23.5	60.0	6721.6	436.0	-22.6	-37.3	284.3	27.2	26.3	-6.7	317.6	318.9	0.3	24.6	22.4	119.
23.9	61.0	6840.2	429.0	-23.4	-38.3	281.4	26.2	25.7	-5.2	318.1	319.2	0.3	23.8	23.0	119.
24.4	62.0	6977.7	421.0	-24.2	-37.7	277.9	25.1	24.9	-3.5	318.8	320.0	0.3	27.2	23.7	118.
24.8	63.0	7099.6	414.0	-25.7	-37.2	276.3	24.8	24.7	-2.7	318.5	319.8	0.4	32.6	24.3	118.
25.4	64.0	7223.0	407.0	-26.7	-35.9	276.3	25.2	25.1	-2.8	318.7	320.2	0.4	41.2	25.0	117.
25.8	65.0	7348.0	400.0	-27.8	-37.4	277.3	26.0	25.8	-3.3	318.9	320.2	0.4	39.1	25.6	116.
26.4	66.0	7511.5	391.0	-28.0	-38.4	277.7	27.2	27.0	-3.7	320.6	321.8	0.3	35.9	26.5	116.
26.8	67.0	7641.0	384.0	-29.1	-39.1	276.8	27.6	27.4	-3.3	320.9	322.1	0.3	36.8	27.2	115.
27.2	68.0	7772.3	377.0	-30.0	-40.2	275.6	27.9	27.8	-2.7	321.4	322.4	0.3	36.1	27.9	115.
27.7	69.0	7886.4	371.0	-30.9	-41.0	274.5	28.1	28.1	-2.2	321.6	322.6	0.3	36.1	28.6	114.
28.2	70.0	8021.2	364.0	-32.2	-42.2	274.6	28.2	28.1	-2.3	321.6	322.5	0.2	36.1	29.4	114.
28.9	71.0	8177.6	356.0	-33.4	-43.3	275.9	28.3	28.1	-2.9	322.1	322.9	0.2	36.0	30.5	113.
29.3	72.0	8296.7	350.0	-34.6	-44.4	276.3	28.8	28.6	-3.2	322.0	322.8	0.2	36.0	31.2	113.
29.8	73.0	8437.6	343.0	-35.7	-44.9	275.6	29.8	29.7	-2.9	322.4	323.2	0.2	37.6	32.0	112.
30.3	74.0	8560.0	337.0	-36.9	-45.6	274.3	31.0	30.9	-2.3	322.4	323.1	0.2	39.2	32.9	112.
30.8	75.0	8684.1	331.0	-37.9	-46.5	273.3	31.7	31.7	-1.8	322.6	323.3	0.2	39.5	33.8	111.
31.3	76.0	8809.9	325.0	-39.0	-47.4	272.9	32.1	32.1	-1.6	322.8	323.4	0.2	40.2	34.7	111.
31.7	77.0	8958.9	318.0	-39.9	-48.3	272.4	32.6	32.6	-1.4	323.5	324.1	0.1	39.8	35.4	110.
32.1	78.0	9088.6	312.0	-41.3	99.9	271.7	33.3	33.3	-1.0	323.5	999.9	99.9	999.9	36.2	110.
32.7	79.0	9220.2	306.0	-42.3	99.9	269.6	33.6	33.6	0.2	324.0	999.9	99.9	999.9	37.4	109.
33.0	80.0	9353.8	300.0	-43.6	99.9	268.5	33.6	33.6	0.9	323.9	999.9	99.9	999.9	38.0	109.
33.7	81.0	9512.0	293.0	-44.9	99.9	266.2	34.4	34.3	2.3	324.3	999.9	99.9	999.9	39.2	108.
34.1	82.0	9650.2	287.0	-45.6	99.9	264.5	35.0	34.8	3.4	325.2	999.9	99.9	999.9	40.1	108.
34.6	83.0	9767.0	282.0	-46.7	99.9	262.0	36.2	35.8	5.1	325.2	999.9	99.9	999.9	41.0	107.
35.1	84.0	9909.2	276.0	-48.0	99.9	260.3	38.1	37.6	6.4	325.3	999.9	99.9	999.9	41.9	107.
35.5	85.0	10029.4	271.0	-49.2	99.9	259.3	39.4	38.7	7.3	325.3	999.9	99.9	999.9	42.9	106.
36.2	86.0	10200.5	264.0	-50.7	99.9	255.9	37.5	36.3	9.1	325.6	999.9	99.9	999.9	44.3	105.
36.6	87.0	10324.9	259.0	-51.6	99.9	253.6	35.5	34.0	10.0	326.0	999.9	99.9	999.9	45.2	104.
37.1	88.0	10450.9	254.0	-53.1	99.9	251.8	34.5	32.8	10.8	325.6	999.9	99.9	999.9	45.8	104.
37.7	89.0	10578.7	249.0	-54.4	99.9	252.8	37.2	35.5	11.0	325.6	999.9	99.9	999.9	46.9	103.
38.1	90.0	10734.6	243.0	-55.4	99.9	254.2	39.2	37.7	10.7	326.4	999.9	99.9	999.9	47.8	102.
38.7	91.0	10866.9	238.0	-56.7	99.9	255.9	39.1	37.9	9.5	326.4	999.9	99.9	999.9	49.1	102.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 255  
VICTORIA, TEX

7 FEBRUARY 1975  
1115 GMT

158 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.9	137.0	18085.7	73.0	-74.1	99.9	275.7	21.5*	21.4	-2.1	420.9	999.9	99.9	999.9	103.7	98.
64.7	138.0	18330.5	70.0	-74.1	99.9	269.4	13.2*	13.2	0.1	426.0	999.9	99.9	999.9	104.5	98.
65.5	139.0	18499.8	68.0	-73.3	99.9	275.3	18.3*	18.2	-1.7	431.1	999.9	99.9	999.9	104.9	98.
66.4	140.0	18765.1	65.0	-71.5	99.9	281.8	24.5*	23.9	-5.0	440.8	999.9	99.9	999.9	106.3	98.
67.1	141.0	18950.3	63.0	-70.3	99.9	281.1	23.6*	23.2	-4.5	447.2	999.9	99.9	999.9	107.3	98.
67.9	142.0	19141.6	61.0	-71.0	99.9	271.5	21.0*	21.0	-0.6	449.8	999.9	99.9	999.9	108.4	98.
68.8	143.0	19440.4	58.0	-70.8	99.9	262.2	15.7*	15.6	2.1	456.9	999.9	99.9	999.9	109.3	98.
69.5	144.0	19649.1	56.0	-69.3	99.9	259.8	14.3*	14.1	2.5	465.0	999.9	99.9	999.9	110.0	98.
70.4	145.0	19866.3	54.0	-69.3	99.9	256.6	11.5*	11.2	2.7	469.8	999.9	99.9	999.9	110.3	97.
71.3	146.0	20093.1	52.0	-66.8	99.9	281.2	14.6*	14.4	-2.9	480.8	999.9	99.9	999.9	111.3	97.
72.3	147.0	20330.3	50.0	-66.6	99.9	275.4	8.7*	8.7	-0.8	486.7	999.9	99.9	999.9	111.9	97.
73.5	148.0	20578.3	48.0	-65.0	99.9	274.1	25.3*	25.2	-1.8	496.1	999.9	99.9	999.9	112.8	97.
74.4	149.0	20970.9	45.0	-66.0	99.9	274.2	18.7*	18.6	-1.4	503.0	999.9	99.9	999.9	114.7	97.
75.5	150.0	21107.1	44.0	-66.6	99.9	265.1	4.9*	4.9	0.4	504.8	999.9	99.9	999.9	114.5	97.
76.7	151.0	21388.2	42.0	-67.2	99.9	266.6	14.4*	14.4	0.9	510.0	999.9	99.9	999.9	115.9	97.
77.7	152.0	21683.0	40.0	-66.6	99.9	267.6	16.6*	16.6	0.7	518.7	999.9	99.9	999.9	116.3	97.
78.7	153.0	21994.7	38.0	-64.8	99.9	277.9	24.6*	24.4	-3.4	530.9	999.9	99.9	999.9	117.9	97.
79.9	154.0	22326.5	36.0	-62.5	99.9	280.2	31.3*	30.8	-5.5	545.0	999.9	99.9	999.9	119.6	97.
81.3	155.0	22679.1	34.0	-62.5	99.9	256.9	9.6*	9.3	2.2	554.0	999.9	99.9	999.9	121.2	97.
82.5	156.0	23053.8	32.0	-61.8	99.9	252.9	18.0*	17.3	5.3	565.6	999.9	99.9	999.9	122.2	97.
83.7	157.0	23452.6	30.0	-62.5	99.9	210.6	8.0	4.1	6.9	574.2	999.9	99.9	999.9	123.3	97.
85.0	158.0	23877.3	28.0	-63.5	99.9	999.9	99.9	99.9	99.9	583.1	999.9	99.9	999.9	999.9	999.
86.6	159.0	24333.3	26.0	-62.7	99.9	999.9	99.9	99.9	99.9	597.6	999.9	99.9	999.9	999.9	999.

STATION NO. 260  
STEPHENVILLE, TEX

5 FEBRUARY 1975  
2315 GMT

62 374. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	399.0	971.2	1.6	-0.8	360.0	4.1	0.0	-4.1	277.5	287.1	3.7	84.0	0.0	0.
0.2	8.0	425.6	968.0	2.0	-1.0	345.0	2.0	0.5	-2.0	278.2	287.7	3.7	81.0	0.3	178.
0.6	9.0	526.1	956.0	0.6	-0.6	345.7	2.4	0.6	-2.4	277.8	287.7	3.8	91.1	0.3	178.
0.9	10.0	627.5	944.0	-0.2	-1.0	346.7	3.7	0.8	-3.6	278.0	287.8	3.8	94.2	0.4	176.
1.4	11.0	755.6	929.0	-1.4	-1.5	345.0	5.6	1.4	-5.4	278.0	287.5	3.7	99.7	0.5	174.
1.7	12.0	859.2	917.0	-2.1	-2.1	334.2	5.9	2.6	-5.3	278.3	287.6	3.6	99.6	0.6	172.
2.1	13.0	963.9	905.0	-2.7	-2.8	312.7	6.3	4.6	-4.3	278.7	287.7	3.4	99.5	0.8	168.
2.4	14.0	1070.4	893.0	0.6	-5.7	295.9	7.0	6.3	-5.0	283.2	290.7	2.8	62.6	0.9	162.
2.8	15.0	1179.3	881.0	1.6	-8.8	282.3	7.9	7.7	-1.7	285.2	291.4	2.2	45.9	1.0	153.
3.2	16.0	1309.0	867.0	4.1	-17.1	272.0	8.6	8.6	-0.3	289.0	292.3	1.1	19.4	1.1	145.
3.6	17.0	1422.6	855.0	5.9	-15.0	265.3	9.5	9.5	0.8	292.0	295.8	1.3	19.2	1.2	136.
4.0	18.0	1528.4	844.0	5.3	-16.2	265.7	10.3	10.3	0.8	292.5	296.3	1.3	19.7	1.4	128.
4.3	19.0	1635.4	833.0	4.8	-16.6	266.2	10.8	10.8	0.7	293.0	296.7	1.2	18.8	1.5	124.
4.7	20.0	1753.5	821.0	4.3	-15.6	266.2	11.1	11.1	0.7	293.7	297.7	1.3	21.2	1.8	118.
5.2	21.0	1883.1	808.0	3.3	-16.0	267.0	11.3	11.3	0.6	294.0	298.0	1.4	22.6	2.1	113.
5.5	22.0	1994.0	797.0	2.5	-16.7	268.8	11.6	11.6	0.2	294.2	298.1	1.3	22.7	2.2	111.
5.9	23.0	2116.5	785.0	2.0	-17.0	269.8	12.8	12.8	0.0	295.0	298.6	1.2	21.8	2.5	109.
6.2	24.0	2219.8	775.0	1.3	-20.0	270.6	13.5	13.5	-0.1	295.3	298.3	1.0	18.2	2.7	107.
6.5	25.0	2334.5	764.0	-0.0	-18.0	271.4	14.3	14.3	-0.4	295.1	298.7	1.2	24.1	3.0	106.
6.9	26.0	2471.6	751.0	-1.0	-17.0	266.8	15.9	15.9	0.9	295.6	299.5	1.3	28.2	3.3	104.
7.3	27.0	2589.2	740.0	-1.9	-16.6	264.0	18.0	17.9	1.9	295.8	300.0	1.4	31.5	3.7	102.
7.7	28.0	2697.3	730.0	-2.4	-17.5	262.4	20.3	20.1	2.7	296.4	300.3	1.3	30.1	4.1	100.
8.0	29.0	2806.5	720.0	-3.3	-18.0	261.6	22.1	21.9	3.2	296.5	300.2	1.2	29.4	4.5	98.
8.3	30.0	2928.2	709.0	-3.9	-19.0	261.2	23.6	23.3	3.6	297.2	300.6	1.1	28.3	4.9	97.
8.7	31.0	3040.3	699.0	-3.6	-20.0	261.0	25.2	24.9	3.9	298.7	302.0	1.1	26.3	5.5	95.
9.1	32.0	3154.1	689.0	-3.6	-19.0	261.2	26.2	25.9	4.0	299.9	303.6	1.2	28.3	6.1	94.
9.4	33.0	3269.6	679.0	-3.8	-19.6	261.6	26.6	26.3	3.9	301.0	304.7	1.2	27.9	6.6	93.
9.8	34.0	3386.6	669.0	-4.3	-22.6	262.7	27.1	26.9	3.4	301.7	304.6	0.9	22.2	7.2	92.
10.2	35.0	3505.2	659.0	-4.6	-27.0	264.0	27.9	27.7	2.9	302.7	304.7	0.6	15.2	7.8	91.
10.7	36.0	3650.2	647.0	-3.5	-34.0	265.4	28.9	28.8	2.3	305.4	306.5	0.3	7.2	8.7	90.
11.1	37.0	3773.2	637.0	-3.6	-27.0	266.1	29.5	29.5	2.0	306.7	308.7	0.6	13.6	9.4	90.
11.3	38.0	3885.3	628.0	-4.7	-26.8	266.3	29.7	29.6	1.9	306.7	308.9	0.7	15.8	9.8	90.
11.8	39.0	4011.4	618.0	-5.8	-26.4	266.5	30.1	30.0	1.8	306.9	309.2	0.7	17.8	10.6	90.
12.2	40.0	4126.0	609.0	-7.1	-26.9	266.7	30.5	30.5	1.8	306.6	308.9	0.7	18.8	11.3	90.
12.7	41.0	4280.8	597.0	-8.2	-26.5	266.8	30.8	30.8	1.7	307.2	309.5	0.7	21.2	12.3	89.
13.0	42.0	4398.6	588.0	-9.2	-28.0	266.8	30.6	30.6	1.7	307.3	309.4	0.6	19.9	12.9	89.
13.4	43.0	4517.6	579.0	-10.5	-29.0	266.7	30.3	30.2	1.8	307.1	309.1	0.6	20.0	13.6	89.
13.8	44.0	4637.9	570.0	-11.8	-28.8	266.6	30.6	30.5	1.8	307.0	309.0	0.6	22.7	14.3	89.
14.2	45.0	4759.5	561.0	-12.8	-27.2	266.3	30.2	30.2	1.9	307.2	309.6	0.7	28.6	15.0	89.
14.6	46.0	4882.8	552.0	-13.5	-27.2	266.0	28.3	28.2	2.0	307.8	310.2	0.7	30.3	15.8	89.
14.9	47.0	5007.7	543.0	-14.2	-25.9	265.4	24.9	24.8	2.0	308.5	311.2	0.8	36.2	16.5	89.
15.3	48.0	5134.4	534.0	-14.9	-23.9	264.7	21.6	21.5	2.0	309.1	312.4	1.0	45.9	16.9	89.
15.7	49.0	5248.5	526.0	-15.6	-23.7	264.4	22.6	22.5	2.2	309.6	313.0	1.1	49.4	17.2	88.
16.2	50.0	5378.5	517.0	-16.5	-23.9	264.8	31.3	31.2	2.8	310.0	313.4	1.1	52.7	17.8	88.
16.7	51.0	5525.2	507.0	-17.3	-24.2	264.8	43.8	43.6	4.0	310.7	314.1	1.1	55.1	19.0	88.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 260  
STEPHENVILLE, TFX

5 FEBRUARY 1975  
2315 GMT

62 374. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.1	52.0	5644.3	499.0	-18.0	-25.5	264.3	51.8	51.6	5.1	311.3	314.4	1.0	51.5	20.1	88.
17.4	53.0	5764.9	491.0	-19.0	-27.7	263.8	54.4	54.0	5.9	311.6	314.2	0.8	45.8	21.3	88.
17.8	54.0	5887.0	483.0	-19.8	-29.1	263.0	52.0	51.7	6.3	312.0	314.4	0.7	43.0	22.8	87.
18.2	55.0	6010.8	475.0	-21.0	-28.9	262.3	46.6	46.2	6.3	312.0	314.4	0.7	48.7	24.0	87.
18.7	56.0	6167.5	465.0	-22.5	-29.8	262.1	40.0	39.6	5.5	312.1	314.4	0.7	51.1	25.1	87.
19.1	57.0	6294.7	457.0	-23.7	-29.4	263.1	37.5	37.2	4.5	312.2	314.6	0.7	58.9	26.0	87.
19.4	58.0	6423.5	449.0	-24.7	-29.9	264.6	37.5	37.3	3.5	312.4	314.7	0.7	61.5	26.7	87.
19.8	59.0	6554.2	441.0	-25.6	-30.6	267.2	38.8	38.7	1.9	312.8	315.0	0.7	61.6	27.5	87.
20.2	60.0	6670.0	434.0	-26.4	-31.7	269.6	40.8	40.8	0.3	313.3	315.3	0.6	60.8	28.5	87.
20.6	61.0	6804.2	426.0	-27.5	-32.5	271.5	42.9	42.9	-1.1	313.6	315.5	0.6	59.7	29.5	87.
21.0	62.0	6923.2	419.0	-28.7	-34.4	272.7	44.8	44.8	-2.1	313.5	315.2	0.5	57.1	30.6	87.
21.3	63.0	7043.7	412.0	-29.6	-35.7	273.0	44.8	44.7	-2.3	313.9	315.4	0.4	55.1	31.4	87.
21.8	64.0	7183.3	404.0	-30.6	-36.5	999.9	99.9	99.9	99.9	314.3	315.7	0.4	56.0	999.9	999.
22.2	65.0	7325.2	396.0	-31.5	-36.4	999.9	99.9	99.9	99.9	314.9	316.3	0.4	58.7	999.9	999.
22.7	66.0	7469.2	388.0	-33.0	-38.1	999.9	99.9	99.9	99.9	314.8	316.1	0.4	59.6	999.9	999.
23.2	67.0	7597.0	381.0	-33.9	-38.9	999.9	99.9	99.9	99.9	315.2	316.4	0.3	60.1	999.9	999.
23.6	68.0	7726.8	374.0	-34.8	-39.7	999.9	99.9	99.9	99.9	315.7	316.9	0.3	64.3	999.9	999.

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
515 GMT

145 32. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	399.0	974.6	0.3	-2.1	340.0	5.1	1.7	-4.8	275.9	284.6	3.4	84.0	0.0	0.
0.2	8.0	420.4	972.0	0.2	-2.1	2.9	11.8	-0.6	-11.8	276.0	284.7	3.4	84.6	0.2	184.
0.6	9.0	519.9	960.0	-0.9	-2.2	2.3	11.5	-0.5	-11.5	275.9	284.6	3.4	91.0	0.3	184.
0.8	10.0	603.4	950.0	-1.7	-2.4	0.9	11.1	-0.2	-11.1	275.9	284.6	3.4	95.1	0.4	183.
1.3	11.0	721.4	936.0	-3.0	-3.2	357.1	10.7	0.5	-10.7	275.8	284.1	3.2	98.5	0.7	181.
1.7	12.0	815.0	925.0	-3.9	-4.1	355.5	10.7	0.8	-10.6	275.7	283.6	3.1	98.4	1.0	180.
1.9	13.0	918.1	913.0	-4.3	-4.6	355.3	10.5	0.9	-10.5	276.3	284.0	3.0	98.3	1.1	179.
2.3	14.0	1004.9	903.0	-5.1	-5.3	354.4	10.4	1.0	-10.4	276.3	283.8	2.8	98.2	1.3	179.
2.6	15.0	1101.1	892.0	-5.9	-6.1	350.5	10.6	1.8	-10.5	276.5	283.6	2.7	98.1	1.5	178.
2.9	16.0	1225.0	878.0	-6.4	-6.7	341.2	11.5	3.7	-10.9	277.1	284.1	2.6	98.0	1.7	177.
3.2	17.0	1324.1	867.0	-4.3	-4.6	326.6	11.1	6.1	-5.3	280.4	288.7	3.1	98.3	1.9	175.
3.5	18.0	1425.2	856.0	-2.5	-2.7	307.2	11.0	8.8	-6.6	283.4	293.2	3.7	98.6	2.1	172.
3.8	19.0	1509.4	847.0	-1.1	-1.2	282.0	11.0	10.8	-2.3	285.8	296.8	4.1	98.8	2.2	167.
4.1	20.0	1613.7	836.0	-1.9	-2.0	263.3	13.0	12.9	1.5	286.0	296.6	3.9	98.7	2.3	162.
4.5	21.0	1739.7	823.0	3.0	2.9	252.3	17.1	16.2	5.2	292.7	308.1	5.7	99.5	2.3	154.
4.9	22.0	1838.9	813.0	3.1	3.1	253.1	19.3	18.4	5.6	293.9	309.8	5.9	99.5	2.4	143.
5.3	23.0	1949.6	802.0	3.1	3.1	254.0	20.5	19.7	5.7	295.1	311.2	6.0	99.5	2.6	133.
5.6	24.0	2051.3	792.0	2.3	2.2	254.3	20.9	20.1	5.7	295.2	310.7	5.7	99.4	2.9	126.
5.8	25.0	2153.9	782.0	1.2	-2.8	253.9	20.7	19.9	5.7	294.8	305.8	4.0	74.5	3.0	122.
6.3	26.0	2278.2	770.0	0.0	-5.7	255.4	20.9	20.2	5.3	294.8	303.9	3.3	65.3	3.4	115.
6.6	27.0	2382.9	760.0	-0.3	-5.1	257.7	21.4	20.9	4.6	295.6	304.7	3.2	65.9	3.7	111.
6.9	28.0	2499.5	749.0	-0.9	-5.4	260.8	22.3	22.0	3.6	296.1	305.4	3.3	69.1	4.1	108.
7.2	29.0	2596.0	740.0	-1.9	-5.9	263.7	22.9	22.8	2.5	296.1	305.5	3.3	73.8	4.5	106.
7.5	30.0	2704.0	730.0	-3.1	-6.4	266.3	23.6	23.5	1.5	295.9	305.1	3.3	78.2	4.9	104.
7.8	31.0	2813.2	720.0	-3.9	-5.8	268.6	23.9	23.9	0.6	296.2	305.9	3.4	86.4	5.3	103.
8.2	32.0	2923.6	710.0	-4.3	-6.3	271.0	24.3	24.3	-0.4	296.9	306.4	3.4	85.9	5.9	102.
8.5	33.0	3024.1	701.0	-5.6	-7.1	272.3	24.4	24.4	-1.0	296.6	305.7	3.2	88.9	6.3	101.
8.9	34.0	3125.4	692.0	-6.4	-8.6	272.7	24.6	24.6	-1.1	296.7	304.9	2.9	84.6	6.9	100.
9.3	35.0	3239.1	682.0	-7.2	-9.1	271.7	25.0	25.0	-0.8	297.0	304.8	2.7	82.3	7.5	100.
9.7	36.0	3377.3	670.0	-8.4	-11.3	269.7	25.6	25.6	0.1	297.2	304.2	2.4	79.3	8.1	99.
10.0	37.0	3470.5	662.0	-9.2	-11.6	267.8	26.1	26.1	1.0	297.2	304.1	2.4	82.8	8.5	99.
10.3	38.0	3588.1	652.0	-10.1	-11.8	266.2	26.8	26.8	1.8	297.5	304.4	2.4	87.2	9.0	98.
10.6	39.0	3695.3	643.0	-10.1	-13.7	265.1	27.7	27.6	2.4	298.7	304.7	2.1	74.6	9.4	97.
10.9	40.0	3804.2	634.0	-9.5	-15.9	265.1	28.9	28.8	2.5	300.5	305.7	1.7	59.6	9.9	97.
11.2	41.0	3939.5	623.0	-9.2	-55.5	266.3	30.0	30.0	2.0	302.1	302.2	0.0	1.0	10.5	96.
11.5	42.0	4052.0	614.0	-9.2	-55.9	267.9	31.2	31.2	1.1	303.4	303.5	0.0	1.0	11.0	95.
11.7	43.0	4165.9	605.0	-10.3	-56.4	269.6	31.8	31.8	0.2	303.5	303.6	0.0	1.0	11.4	95.
12.0	44.0	4281.3	596.0	-10.5	-56.6	272.1	32.8	32.7	-1.2	304.5	304.6	0.0	1.0	12.0	95.
12.3	45.0	4385.2	588.0	-10.4	-56.5	274.5	33.7	33.6	-2.6	305.8	305.9	0.0	1.0	12.6	95.
12.6	46.0	4503.9	579.0	-10.7	-56.7	276.6	34.9	34.7	-4.0	306.8	306.9	0.0	1.0	13.2	95.
13.0	47.0	4610.7	571.0	-11.4	-57.1	278.7	36.8	36.4	-5.6	307.2	307.3	0.0	1.0	14.0	95.
13.3	48.0	4718.7	563.0	-12.1	-57.5	280.0	38.1	37.6	-6.6	307.6	307.7	0.0	1.0	14.7	95.
13.6	49.0	4841.8	554.0	-13.0	-58.1	281.0	39.3	38.6	-7.5	308.0	308.1	0.0	1.0	15.4	96.
13.9	50.0	4952.4	546.0	-14.1	-58.8	281.9	40.2	39.3	-8.3	308.0	308.1	0.0	1.0	16.2	96.
14.4	51.0	5106.5	535.0	-15.2	-59.6	282.0	41.4	40.6	-8.6	308.5	308.5	0.0	1.0	17.3	96.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
515 GMT

145 32. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.8	52.0	5191.5	529.0	-16.3	-42.7	280.6	42.2	41.5	-1.8	308.1	308.7	0.2	8.1	18.3	97.
15.1	53.0	5320.4	520.0	-17.1	-38.9	279.2	42.4	41.9	-6.8	308.7	309.5	0.2	12.9	19.1	97.
15.5	54.0	5451.3	511.0	-17.5	-41.5	276.9	42.1	41.8	-5.1	309.7	310.4	0.2	10.4	20.3	97.
15.9	55.0	5569.2	503.0	-18.5	-44.7	275.0	41.8	41.6	-7.6	310.0	310.5	0.1	7.8	21.1	97.
16.3	56.0	5703.9	494.0	-18.6	-46.9	273.4	41.7	41.7	-2.5	311.4	311.8	0.1	6.2	22.1	97.
16.7	57.0	5825.6	486.0	-18.9	-58.1	272.2	41.8	41.8	-1.6	312.5	312.6	0.0	1.7	23.2	97.
17.2	58.0	5933.5	479.0	-19.6	-50.1	270.7	42.4	42.4	-0.5	313.0	313.3	0.1	4.7	24.4	96.
17.6	59.0	6058.2	471.0	-21.0	-44.2	269.5	43.4	43.4	0.3	312.7	313.2	0.2	10.3	25.4	96.
17.9	60.0	6184.5	463.0	-22.0	-39.4	268.8	44.2	44.2	0.9	313.0	314.0	0.3	18.7	26.2	96.
18.3	61.0	6296.3	456.0	-23.2	-37.1	267.8	44.1	44.1	1.7	312.9	314.1	0.3	26.4	27.3	96.
18.7	62.0	6425.6	448.0	-24.5	-36.1	267.0	43.4	43.3	2.3	312.8	314.1	0.4	32.8	28.4	95.
19.1	63.0	6540.1	441.0	-25.7	-35.5	266.5	43.0	42.9	2.6	312.7	314.2	0.4	39.1	29.3	95.
19.5	64.0	6655.8	434.0	-26.8	-35.1	266.8	44.1	44.1	2.5	312.8	314.3	0.4	45.0	30.1	95.
19.8	65.0	6790.0	426.0	-27.4	-36.6	267.4	44.9	44.9	2.0	313.6	315.0	0.4	40.9	31.2	94.
20.2	66.0	6943.4	417.0	-28.3	-39.0	269.4	45.0	45.0	1.3	314.4	315.4	0.3	34.8	32.3	94.
20.6	67.0	7047.1	411.0	-29.5	99.9	269.4	44.2	44.2	0.5	314.2	999.9	99.9	999.9	33.3	94.
20.9	68.0	7169.4	404.0	-30.5	99.9	270.1	43.4	43.4	-0.1	314.5	999.9	99.9	999.9	34.2	94.
21.3	69.0	7293.6	397.0	-30.9	-35.1	270.7	43.2	43.2	-0.6	315.6	317.1	0.5	63.6	35.1	94.
21.7	70.0	7419.6	390.0	-31.9	-36.5	271.2	44.0	44.0	-0.9	315.8	317.2	0.4	63.5	36.1	94.
22.2	71.0	7565.7	382.0	-33.4	-37.9	271.9	46.3	46.3	-1.5	315.7	317.0	0.4	63.2	37.4	94.
22.6	72.0	7695.2	375.0	-34.6	-56.6	272.5	48.0	47.9	-2.1	315.8	315.9	0.0	8.5	38.5	94.
23.0	73.0	7807.7	369.0	-35.8	-54.6	273.0	48.2	48.2	-2.6	315.6	315.9	0.1	12.4	40.0	94.
23.4	74.0	7940.6	362.0	-36.6	-58.4	273.0	47.3*	47.2	-2.5	316.3	316.4	0.0	8.3	41.0	94.
23.8	75.0	8056.2	356.0	-37.7	-74.2	273.0	47.0*	47.0	-1.4	316.3	316.4	0.0	1.0	42.0	94.
24.2	76.0	8192.8	349.0	-38.7	99.9	273.3	47.0*	47.0	-2.7	316.8	999.9	99.9	999.9	43.2	94.
24.6	77.0	8311.6	343.0	-40.0	99.9	274.4	47.1*	46.9	-3.6	316.7	999.9	99.9	999.9	44.5	94.
25.1	78.0	8452.1	336.0	-41.2	99.9	275.9	46.8*	46.5	-4.8	316.9	999.9	99.9	999.9	45.7	94.
25.5	79.0	8574.2	330.0	-42.3	99.9	276.1	46.0*	45.7	-4.9	317.0	999.9	99.9	999.9	46.7	94.
25.9	80.0	8698.0	324.0	-43.4	99.9	275.1	42.9*	42.7	-3.8	317.1	999.9	99.9	999.9	48.2	94.
26.4	81.0	8844.5	317.0	-44.7	99.9	273.7	41.3*	41.3	-2.7	317.3	999.9	99.9	999.9	49.2	94.
26.9	82.0	8972.0	311.0	-45.9	99.9	273.0	46.9*	46.8	-2.5	317.4	999.9	99.9	999.9	50.0	94.
27.4	83.0	9101.5	305.0	-46.9	99.9	272.8	52.7*	52.6	-2.6	317.8	999.9	99.9	999.9	52.1	94.
27.7	84.0	9232.8	299.0	-48.2	99.9	272.6	52.1*	52.0	-2.4	317.7	999.9	99.9	999.9	53.2	94.
28.2	85.0	9343.6	294.0	-49.4	99.9	272.0	46.3*	46.2	-1.6	317.6	999.9	99.9	999.9	54.6	94.
28.7	86.0	9501.1	287.0	-50.6	99.9	271.3	40.2*	40.2	-0.9	318.1	999.9	99.9	999.9	55.8	94.
29.1	87.0	9638.4	281.0	-51.8	99.9	270.9	38.9*	38.9	-0.6	318.2	999.9	99.9	999.9	56.6	94.
29.5	88.0	9754.5	276.0	-52.9	99.9	270.5	41.5*	41.5	-0.3	318.3	999.9	99.9	999.9	57.3	94.
29.9	89.0	9896.0	270.0	-53.9	99.9	270.4	48.5*	48.5	-0.3	318.9	999.9	99.9	999.9	58.7	94.
30.3	90.0	10040.0	264.0	-54.8	99.9	270.9	56.4*	56.4	-0.9	319.5	999.9	99.9	999.9	59.6	93.
30.8	91.0	10162.1	259.0	-55.7	99.9	272.0	62.2*	62.2	-2.1	320.1	999.9	99.9	999.9	61.7	93.
31.1	92.0	10286.1	254.0	-56.3	99.9	272.7	61.7*	61.6	-2.9	320.9	999.9	99.9	999.9	63.2	93.
31.6	93.0	10412.1	249.0	-57.0	99.9	273.9	52.6*	52.5	-3.6	321.7	999.9	99.9	999.9	64.8	93.
32.1	94.0	10540.3	244.0	-58.0	99.9	275.0	41.6*	41.5	-3.6	322.1	999.9	99.9	999.9	66.2	93.
32.5	95.0	10670.9	239.0	-57.5	99.9	275.1	36.5*	36.3	-3.2	324.8	999.9	99.9	999.9	67.0	93.
33.1	96.0	10831.6	233.0	-57.3	99.9	272.7	45.8*	45.8	-2.2	327.4	999.9	99.9	999.9	68.0	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
515 GMT

145 32. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
33.6	97.0	10968.3	228.0	-58.7	99.9	271.2	60.7*	60.7	-1.3	327.3	999.9	99.9	999.9	69.4	93.
34.1	98.0	11107.4	223.0	-59.1	99.9	270.6	71.2*	71.2	-0.8	328.9	999.9	99.9	999.9	72.3	93.
34.4	99.0	11249.3	218.0	-59.9	99.9	270.7	73.7*	73.7	-0.9	329.6	999.9	99.9	999.9	73.1	93.
34.9	100.0	11394.0	213.0	-60.8	99.9	271.9	71.0*	70.9	-2.4	330.4	999.9	99.9	999.9	75.5	93.
35.4	101.0	11541.5	208.0	-61.4	99.9	274.6	57.9*	57.7	-4.6	331.8	999.9	99.9	999.9	78.3	93.
35.9	102.0	11692.4	203.0	-61.6	99.9	278.3	42.6*	42.1	-0.2	333.9	999.9	99.9	999.9	78.9	93.
36.4	103.0	11816.1	199.0	-60.3	99.9	279.8	34.4*	33.9	-1.8	337.8	999.9	99.9	999.9	80.4	93.
36.9	104.0	11975.2	194.0	-59.1	99.9	277.9	32.7*	32.4	-1.5	342.2	999.9	99.9	999.9	80.8	93.
37.4	105.0	12106.5	190.0	-56.8	99.9	276.4	33.8*	33.6	-3.8	347.9	999.9	99.9	999.9	82.3	93.
37.8	106.0	12241.6	186.0	-56.2	99.9	275.0	36.6*	36.4	-3.2	351.1	999.9	99.9	999.9	82.7	93.
38.4	107.0	12415.0	181.0	-55.7	99.9	272.6	44.8*	44.7	-2.0	354.6	999.9	99.9	999.9	84.3	94.
38.9	108.0	12557.2	177.0	-56.2	99.9	272.5	53.6*	53.6	-2.3	356.1	999.9	99.9	999.9	85.5	93.
39.4	109.0	12702.3	173.0	-56.5	99.9	272.0	54.1*	54.0	-1.9	357.9	999.9	99.9	999.9	87.3	93.
39.9	110.0	12850.7	169.0	-56.8	99.9	267.0	47.1*	47.0	2.4	359.7	999.9	99.9	999.9	90.2	94.
40.6	111.0	13040.5	164.0	-58.0	99.9	263.7	54.7*	54.4	1.0	360.8	999.9	99.9	999.9	89.4	93.
41.1	112.0	13195.9	160.0	-58.5	99.9	267.2	62.9*	62.8	2.1	362.5	999.9	99.9	999.9	93.3	93.
41.5	113.0	13354.9	156.0	-59.1	99.9	269.2	59.1*	59.1	0.9	364.3	999.9	99.9	999.9	95.4	93.
42.1	114.0	13476.4	153.0	-59.8	99.9	268.2	48.4*	48.4	1.5	365.1	999.9	99.9	999.9	95.6	93.
42.6	115.0	13641.7	149.0	-60.5	99.9	265.7	43.0*	42.9	3.2	366.6	999.9	99.9	999.9	98.3	93.
43.2	116.0	13853.9	144.0	-61.4	99.9	262.5	42.1*	41.7	3.5	368.6	999.9	99.9	999.9	98.7	93.
43.8	117.0	13984.3	141.0	-62.1	99.9	261.7	49.4*	48.9	1.1	369.6	999.9	99.9	999.9	100.6	92.
44.3	118.0	14162.1	137.0	-62.3	99.9	262.7	54.4*	53.9	5.9	372.3	999.9	99.9	999.9	102.1	92.
44.9	119.0	14298.6	134.0	-63.1	99.9	264.8	57.5*	57.2	5.2	373.3	999.9	99.9	999.9	104.3	92.
45.4	120.0	14485.2	130.0	-62.9	99.9	266.6	60.7*	60.6	3.6	376.9	999.9	99.9	999.9	105.7	92.
46.0	121.0	14628.7	127.0	-63.8	99.9	267.7	58.0*	58.0	2.3	377.7	999.9	99.9	999.9	108.1	92.
46.6	122.0	14825.1	123.0	-63.4	99.9	265.5	37.4*	37.3	3.0	381.9	999.9	99.9	999.9	110.6	92.
47.1	123.0	14976.8	120.0	-63.2	99.9	260.5	20.6*	20.3	3.4	384.9	999.9	99.9	999.9	110.6	92.
47.7	124.0	15132.8	117.0	-62.5	99.9	261.5	16.3*	16.2	2.4	389.1	999.9	99.9	999.9	111.2	92.
48.2	125.0	15293.1	114.0	-62.3	99.9	265.2	23.7*	23.6	2.0	392.4	999.9	99.9	999.9	111.4	92.
48.9	126.0	15513.7	110.0	-62.3	99.9	267.1	39.4*	39.4	2.0	396.4	999.9	99.9	999.9	113.0	92.
49.5	127.0	15684.2	107.0	-63.1	99.9	270.7	48.4*	48.4	-0.6	398.1	999.9	99.9	999.9	114.2	92.
50.1	128.0	15918.4	103.0	-63.6	99.9	274.2	48.1*	47.9	-3.5	401.4	999.9	99.9	999.9	117.0	92.
50.6	129.0	16099.4	100.0	-64.4	99.9	275.3	45.6*	45.4	-4.2	403.3	999.9	99.9	999.9	117.4	92.
51.2	130.0	16285.2	97.0	-65.4	99.9	274.5	36.7*	36.6	-2.9	404.9	999.9	99.9	999.9	119.8	92.
52.1	131.0	16476.2	94.0	-65.8	99.9	272.2	19.4*	19.4	-0.7	407.8	999.9	99.9	999.9	121.0	92.
52.7	132.0	16673.2	91.0	-65.8	99.9	271.7	34.5*	34.5	-1.0	411.6	999.9	99.9	999.9	121.0	92.
53.5	133.0	16877.6	88.0	-64.2	99.9	271.7	55.3*	55.3	-1.6	418.7	999.9	99.9	999.9	124.0	92.
54.2	134.0	17090.0	85.0	-64.0	99.9	270.4	25.8*	25.8	-0.2	423.3	999.9	99.9	999.9	126.5	92.
54.8	135.0	17310.3	82.0	-63.6	99.9	254.0	6.5*	6.3	1.8	428.4	999.9	99.9	999.9	126.0	92.
55.7	136.0	17538.9	79.0	-64.0	99.9	195.2	3.5*	0.9	3.4	432.2	999.9	99.9	999.9	126.5	92.
56.5	137.0	17775.6	76.0	-64.8	99.9	101.7	15.5*	-15.2	3.2	435.4	999.9	99.9	999.9	127.1	92.
57.4	138.0	18021.5	73.0	-64.6	99.9	109.4	8.6*	-8.1	2.9	440.9	999.9	99.9	999.9	124.6	92.
58.4	139.0	18366.1	69.0	-64.2	99.9	160.8	3.8*	-1.3	3.6	448.9	999.9	99.9	999.9	125.3	91.
59.3	140.0	18637.2	66.0	-65.6	99.9	260.4	23.7*	23.4	3.9	451.6	999.9	99.9	999.9	124.5	91.
60.2	141.0	18921.6	63.0	-63.2	99.9	261.3	31.0*	30.6	4.7	462.8	999.9	99.9	999.9	128.2	91.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
515 GMT

145 32. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
61.2	142.0	19325.5	59.0	-62.7	99.9	271.4	32.7*	32.7	-0.8	472.9	999.9	99.9	999.9	128.2	91.
62.2	143.0	19647.1	56.0	-62.9	99.9	275.6	39.5*	39.3	-3.8	479.6	999.9	99.9	999.9	131.8	91.
63.4	144.0	19985.6	53.0	-63.6	99.9	6.8	0.4*	-0.1	-0.4	485.4	999.9	99.9	999.9	132.8	91.
64.6	145.0	20342.2	50.0	-64.8	99.9	93.6	10.0*	-10.0	0.6	490.8	999.9	99.9	999.9	132.9	91.
65.8	146.0	20720.9	47.0	-63.6	99.9	101.7	17.5*	-17.1	3.5	502.4	999.9	99.9	999.9	131.2	91.
67.2	147.0	21126.3	44.0	-63.1	99.9	266.7	27.2*	27.2	1.6	513.3	999.9	99.9	999.9	131.4	91.
68.7	148.0	21560.9	41.0	-63.1	99.9	268.3	37.2*	37.2	1.1	523.8	999.9	99.9	999.9	134.8	91.
70.3	149.0	22029.1	38.0	-62.5	99.9	272.3	22.2*	22.2	-0.9	536.8	999.9	99.9	999.9	138.5	91.
72.1	150.0	22535.9	35.0	-63.1	99.9	999.9	99.9	99.9	99.9	548.1	999.9	99.9	999.9	999.9	999.
73.9	151.0	23085.9	32.0	-64.2	99.9	999.9	99.9	99.9	99.9	559.2	999.9	99.9	999.9	999.9	999.

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
1115 GMT

153 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	399.0	976.7	-3.5	-6.8	350.0	5.1	0.9	-5.0	271.8	277.9	2.4	78.0	0.0	0.
0.2	8.0	404.7	976.0	-3.3	-6.0	347.9	8.0	1.7	-7.9	272.1	278.5	2.5	81.5	0.2	169.
0.4	9.0	494.4	965.0	-3.6	-5.3	347.9	8.0	1.7	-7.9	272.7	279.5	2.7	87.8	0.2	169.
0.7	10.0	584.9	954.0	-4.5	-5.3	345.8	8.5	2.1	-3.2	272.6	279.4	2.6	92.3	0.3	169.
1.1	11.0	692.8	941.0	-5.6	-6.1	341.6	9.4	3.0	-8.9	272.6	279.3	2.6	96.0	0.5	167.
1.4	12.0	784.9	930.0	-6.6	-6.8	337.4	9.8	3.8	-9.1	272.4	278.8	2.5	98.4	0.7	165.
1.7	13.0	877.8	919.0	-7.4	-7.5	337.0	10.6	4.2	-9.8	272.6	278.7	2.4	98.8	0.9	163.
2.1	14.0	971.6	908.0	-7.9	-8.1	339.2	12.1	4.3	-11.3	272.9	278.9	2.3	98.7	1.1	162.
2.3	15.0	1066.3	897.0	-8.4	-9.4	340.8	13.0	4.3	-12.3	273.4	279.0	2.1	94.2	1.3	162.
2.7	16.0	1171.1	885.0	-7.5	-8.8	340.5	14.8	4.9	-13.9	275.4	281.2	2.2	90.2	1.6	162.
3.1	17.0	1277.4	873.0	-7.5	-10.1	337.8	16.3	6.2	-15.1	276.4	281.9	2.0	81.9	2.0	161.
3.4	18.0	1376.3	862.0	-7.2	-8.7	336.1	17.1	6.9	-15.6	277.8	283.9	2.3	88.7	2.3	161.
3.7	19.0	1467.4	852.0	-6.6	-8.2	335.6	16.4	6.8	-14.9	279.3	285.8	2.4	88.4	2.6	160.
4.1	20.0	1559.8	842.0	-6.0	-7.7	335.0	14.8	6.3	-13.4	280.9	287.8	2.5	88.0	3.0	159.
4.6	21.0	1681.7	829.0	-6.3	-8.3	331.0	14.3	6.9	-12.5	281.8	288.6	2.5	87.6	3.4	159.
4.8	22.0	1767.1	820.0	-6.5	-22.1	327.9	14.3	7.6	-12.1	282.4	284.6	0.8	27.5	3.6	158.
5.2	23.0	1883.1	808.0	-2.5	-20.6	322.9	14.3	8.6	-11.4	287.8	290.5	0.9	23.2	3.9	157.
5.6	24.0	1971.9	799.0	-3.1	-20.7	319.3	14.4	9.4	-10.9	288.0	290.7	0.9	24.1	4.2	156.
5.9	25.0	2071.5	789.0	-3.3	-21.5	317.5	14.8	10.0	-10.9	288.9	291.5	0.9	22.8	4.5	155.
6.4	26.0	2192.6	777.0	-4.0	-21.9	311.8	15.4	11.5	-10.3	289.3	291.9	0.8	23.3	4.9	153.
6.7	27.0	2304.9	766.0	-4.7	-24.5	307.7	16.7	13.2	-10.2	289.8	291.9	0.7	19.3	5.2	152.
7.0	29.0	2397.8	757.0	-4.8	-26.7	304.0	18.5	15.3	-10.4	290.6	292.4	0.6	16.0	5.5	151.
7.3	29.0	2502.4	747.0	-4.8	-25.8	299.3	19.7	17.2	-9.7	291.8	293.7	0.6	17.4	5.8	149.
7.6	30.0	2608.3	737.0	-5.4	-23.7	294.9	21.0	19.1	-9.8	292.2	294.6	0.8	22.1	6.1	147.
7.9	31.0	2715.4	727.0	-5.9	-23.6	290.5	22.2	20.8	-7.8	292.9	295.3	0.8	23.0	6.5	145.
8.2	32.0	2812.8	718.0	-6.3	-21.3	286.0	23.6	22.6	-6.5	293.5	296.4	1.0	30.0	6.8	143.
8.6	33.0	2922.5	708.0	-6.8	-17.2	280.5	25.5	25.1	-4.6	294.2	298.3	1.4	42.9	7.3	140.
8.9	34.0	3011.1	700.0	-7.4	-13.7	276.9	27.2	27.0	-3.3	294.6	300.1	1.9	60.3	7.6	138.
9.2	35.0	3123.2	690.0	-7.8	-10.6	273.8	28.6	28.5	-1.9	295.4	302.4	2.5	80.0	8.0	135.
9.7	36.0	3259.5	678.0	-8.7	-8.9	269.1	30.1	30.1	0.5	295.9	304.1	2.9	98.1	8.7	131.
10.0	37.0	3363.2	669.0	-9.0	-9.2	265.2	30.7	30.6	2.0	296.7	304.9	2.9	98.5	9.1	129.
10.3	38.0	3468.2	660.0	-9.0	-9.2	263.4	30.9	30.7	3.5	297.9	306.2	2.9	98.5	9.5	126.
10.7	39.0	3574.5	651.0	-9.3	-9.5	261.1	31.6	31.2	4.9	298.7	307.0	2.9	98.5	10.0	123.
11.0	40.0	3670.2	643.0	-9.8	-10.2	260.2	32.3	31.9	5.5	299.1	307.0	2.7	97.4	10.4	121.
11.5	41.0	3815.6	631.0	-10.3	-10.7	262.8	33.6	33.4	4.2	300.2	308.0	2.7	96.7	11.2	118.
11.8	42.0	3913.6	623.0	-12.0	-20.4	265.9	34.0	33.9	2.4	299.1	302.8	1.2	49.3	11.7	116.
12.2	43.0	4024.8	614.0	-13.0	-44.9	270.1	34.4	34.4	-7.0	299.1	299.5	0.1	4.8	12.5	114.
12.6	44.0	4137.6	605.0	-11.8	-42.1	274.2	34.7	34.6	-7.5	301.7	302.2	0.1	5.8	13.2	113.
12.9	45.0	4252.7	596.0	-10.0	-34.3	276.6	35.1	34.9	-4.1	305.2	306.3	0.3	11.5	13.8	112.
13.3	46.0	4357.2	588.0	-8.7	-30.3	278.4	36.0	35.6	-5.2	307.9	309.6	0.5	15.4	14.7	111.
13.7	47.0	4476.5	579.0	-9.6	-29.4	278.7	37.2	36.7	-5.6	308.2	310.1	0.6	17.9	15.5	111.
14.1	48.0	4583.7	571.0	-10.7	-28.6	278.0	38.5	38.1	-5.4	308.1	310.2	0.6	21.2	16.4	110.
14.4	49.0	4692.0	563.0	-11.8	-28.3	276.9	39.4	39.1	-4.8	308.0	310.1	0.7	23.8	17.1	110.
14.7	50.0	4815.2	554.0	-12.8	-23.1	275.6	40.0	39.8	-3.9	308.3	311.7	1.1	41.5	17.8	109.
15.2	51.0	4953.9	544.0	-14.0	-23.1	273.4	40.5	40.4	-2.4	308.6	312.0	1.1	45.7	19.0	108.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
1115 GMT

153 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.5	52.0	5066.3	536.0	-14.5	-19.6	272.2	40.4	40.4	-1.5	309.3	314.0	1.5	64.8	19.7	108.
15.9	53.0	5180.2	528.0	-15.2	-19.8	271.2	39.9	39.9	-0.8	309.8	314.5	1.5	67.6	20.6	107.
16.2	54.0	5295.5	520.0	-15.9	-21.5	271.0	40.1	40.1	-0.7	310.3	314.4	1.3	61.9	21.3	106.
16.6	55.0	5383.0	514.0	-15.8	-22.8	271.1	41.1	41.1	-0.8	311.5	315.2	1.2	54.5	22.2	106.
17.1	56.0	5545.9	503.0	-16.7	-25.7	271.7	43.0	42.9	-1.3	312.2	315.2	0.9	45.6	23.4	105.
17.4	57.0	5666.2	495.0	-17.7	-27.1	271.7	42.9	42.9	-1.2	312.4	315.2	0.8	43.1	24.3	104.
17.8	58.0	5787.9	487.0	-18.8	-29.0	271.1	41.4	41.4	-0.8	312.5	314.9	0.7	39.7	25.4	104.
18.2	59.0	5911.1	479.0	-19.7	-29.8	270.5	40.3	40.3	-0.4	312.9	315.1	0.7	40.0	26.2	103.
18.6	60.0	6036.0	471.0	-20.5	-31.3	270.4	40.7	40.7	-0.3	313.4	315.3	0.6	37.1	27.0	103.
18.9	61.0	6146.8	464.0	-20.9	-32.5	270.8	42.6	42.6	-0.6	314.2	316.0	0.5	33.9	27.8	103.
19.3	62.0	6259.1	457.0	-21.1	-42.9	271.2	44.8	44.8	-0.9	315.3	316.0	0.2	11.9	28.8	102.
19.7	63.0	6389.4	449.0	-21.3	-45.3	271.1	45.4	45.4	-0.9	316.6	317.1	0.1	9.3	30.0	102.
20.0	64.0	6505.1	442.0	-22.3	-48.9	270.8	44.7	44.7	-0.7	316.8	317.2	0.1	6.7	31.0	101.
20.4	65.0	6622.1	435.0	-23.5	-54.0	270.2	42.0	42.0	-0.1	316.8	317.0	0.1	4.1	31.8	101.
20.8	66.0	6774.8	426.0	-24.4	-54.0	269.7	40.6	40.6	0.2	317.5	317.6	0.0	3.1	32.8	101.
21.2	67.0	6895.2	419.0	-25.4	-54.7	269.4	40.8	40.8	0.4	317.6	317.8	0.1	4.4	33.6	101.
21.7	68.0	7017.3	412.0	-26.4	-52.7	269.4	42.6	42.6	0.5	318.0	318.2	0.1	6.2	34.9	100.
22.0	69.0	7140.8	405.0	-27.6	-53.4	269.5	43.6	43.6	0.4	318.0	318.2	0.1	6.4	35.8	100.
22.4	70.0	7265.9	398.0	-28.7	-54.1	270.2	45.6*	45.6	-0.1	318.0	318.3	0.1	6.6	36.7	100.
22.9	71.0	7429.3	389.0	-29.9	-54.8	271.8	50.3*	50.3	-1.6	318.6	318.8	0.1	6.8	37.9	99.
23.3	72.0	7539.7	383.0	-31.2	-55.5	273.1	53.4*	53.3	-2.9	318.2	318.4	0.1	7.0	39.3	99.
23.7	73.0	7651.4	377.0	-32.4	-56.3	273.7	53.2*	53.1	-3.4	318.1	318.3	0.0	7.1	40.8	99.
24.0	74.0	7783.2	370.0	-33.6	-55.9	273.8	50.7*	50.7	-3.4	318.2	318.4	0.0	8.4	41.9	99.
24.4	75.0	7916.9	363.0	-34.8	-54.6	273.4	45.6*	45.5	-2.7	318.4	318.6	0.1	11.2	43.0	99.
24.8	76.0	8032.9	357.0	-36.2	-54.5	273.6	42.3*	42.2	-2.7	318.1	318.3	0.1	12.9	43.7	98.
25.2	77.0	8170.0	350.0	-37.4	-53.1	274.7	41.3*	41.2	-3.4	318.3	318.6	0.1	17.3	44.8	98.
25.7	78.0	8289.2	344.0	-38.4	-53.4	276.8	44.0*	43.6	-0.2	318.4	318.7	0.1	18.7	46.1	98.
26.1	79.0	8389.6	339.0	-39.7	-54.0	278.2	48.4*	47.9	-0.9	318.1	318.3	0.1	19.7	46.8	98.
26.4	80.0	8531.9	332.0	-40.8	99.7	279.1	52.0*	51.4	-1.2	318.6	999.9	99.9	999.9	47.8	98.
27.0	81.0	8657.5	324.0	-42.0	99.9	281.2	51.6*	50.6	-10.0	319.1	999.9	99.9	999.9	50.5	98.
27.4	82.0	8823.7	318.0	-43.2	99.9	283.1	45.3*	44.2	-10.3	319.1	999.9	99.9	999.9	51.2	98.
27.8	83.0	8951.7	312.0	-44.5	99.9	284.9	41.6*	40.2	-10.7	319.0	999.9	99.9	999.9	52.2	99.
28.3	84.0	9059.6	307.0	-45.6	99.9	285.8	42.8*	42.1	-11.9	318.9	999.9	99.9	999.9	53.3	99.
28.7	85.0	9190.8	301.0	-46.8	99.9	285.2	50.2*	48.5	-13.1	319.1	999.9	99.9	999.9	54.1	99.
29.4	86.0	9376.3	294.0	-48.1	99.7	283.3	55.9*	54.4	-12.9	319.4	999.9	99.9	999.9	57.1	99.
29.8	87.0	9482.0	288.0	-49.1	99.9	282.9	50.3*	49.1	-11.3	319.8	999.9	99.9	999.9	58.5	99.
30.3	88.0	9619.0	282.0	-50.0	99.9	283.2	44.1*	42.9	-10.1	320.5	999.9	99.9	999.9	59.3	99.
30.7	89.0	9736.5	277.0	-51.1	99.9	283.7	42.6*	41.4	-10.1	320.6	999.9	99.9	999.9	60.3	99.
31.2	90.0	9854.7	272.0	-51.9	99.9	284.0	44.7*	43.4	-10.8	321.1	999.9	99.9	999.9	62.0	99.
31.6	91.0	9997.0	266.0	-52.8	99.9	283.7	50.8*	49.3	-12.0	321.8	999.9	99.9	999.9	62.8	100.
32.1	92.0	10121.3	261.0	-53.4	99.7	282.8	67.8*	66.1	-15.0	322.7	999.9	99.9	999.9	63.9	100.
32.5	93.0	10249.0	256.0	-54.1	99.9	282.3	82.1*	80.2	-17.5	323.5	999.9	99.9	999.9	65.8	100.
33.0	94.0	10372.0	251.0	-54.5	99.9	282.1	77.7*	76.0	-16.4	324.2	999.9	99.9	999.9	69.9	100.
33.5	95.0	10500.5	246.0	-55.5	99.9	282.0	62.9*	61.5	-13.1	325.1	999.9	99.9	999.9	71.6	100.
34.1	96.0	10657.6	240.0	-56.3	99.9	282.5	64.6*	63.1	-14.0	326.1	999.9	99.9	999.9	72.4	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 2 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
1115 GMT

153 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.5	52.0	5066.3	536.0	-14.5	-19.6	272.2	40.4	40.4	-1.5	309.3	314.0	1.5	64.8	19.7	108.
15.9	53.0	5180.2	528.0	-15.2	-19.8	271.2	39.9	39.9	-0.8	309.8	314.5	1.5	67.6	20.6	107.
16.2	54.0	5295.5	520.0	-15.9	-21.5	271.0	40.1	40.1	-0.7	310.3	314.4	1.3	61.9	21.3	106.
16.6	55.0	5383.0	514.0	-15.8	-22.8	271.1	41.1	41.1	-0.8	311.5	315.2	1.2	54.5	22.2	106.
17.1	56.0	5545.9	503.0	-16.7	-25.7	271.7	43.0	42.9	-1.3	312.2	315.2	0.9	45.6	23.4	105.
17.4	57.0	5666.2	495.0	-17.7	-27.1	271.7	42.9	42.9	-1.2	312.4	315.2	0.8	43.1	24.3	104.
17.8	58.0	5787.9	487.0	-18.8	-29.0	271.1	41.4	41.4	-0.8	312.5	314.9	0.7	39.7	25.4	104.
18.2	59.0	5911.1	479.0	-19.7	-29.8	270.5	40.3	40.3	-0.4	312.9	315.1	0.7	40.0	26.2	103.
18.6	60.0	6036.0	471.0	-20.5	-31.3	270.4	40.7	40.7	-0.3	313.4	315.3	0.6	37.1	27.0	103.
18.9	61.0	6146.8	464.0	-20.9	-32.5	270.8	42.6	42.6	-0.6	314.2	316.0	0.5	33.9	27.8	103.
19.3	62.0	6259.1	457.0	-21.1	-42.9	271.2	44.8	44.8	-0.9	315.3	316.0	0.2	11.9	28.8	102.
19.7	63.0	6389.4	449.0	-21.3	-45.3	271.1	45.4	45.4	-0.9	316.6	317.1	0.1	9.3	30.0	102.
20.0	64.0	6505.1	442.0	-22.3	-48.9	270.8	44.7	44.7	-0.7	316.8	317.2	0.1	6.7	31.0	101.
20.4	65.0	6522.1	435.0	-23.5	-54.0	270.2	42.0	42.0	-0.1	316.8	317.0	0.1	4.1	31.8	101.
20.8	66.0	6774.8	426.0	-24.4	-57.0	269.7	40.6	40.6	1.2	317.5	317.6	0.0	3.1	32.8	101.
21.2	67.0	6895.2	419.0	-25.4	-54.7	269.4	40.8	40.8	0.4	317.6	317.8	0.1	4.4	33.6	101.
21.7	68.0	7017.3	412.0	-26.4	-52.7	269.4	42.6	42.6	0.5	318.0	318.2	0.1	6.2	34.9	100.
22.0	69.0	7140.8	405.0	-27.6	-53.4	269.5	43.6	43.6	0.4	318.0	318.2	0.1	6.4	35.8	100.
22.4	70.0	7265.9	398.0	-28.7	-54.1	270.2	45.6*	45.6	-0.1	318.0	318.3	0.1	6.6	36.7	100.
22.9	71.0	7429.3	389.0	-29.9	-54.8	271.8	50.3*	50.3	-1.6	318.6	318.8	0.1	6.8	37.9	99.
23.3	72.0	7539.7	383.0	-31.2	-55.5	273.1	53.4*	53.3	-2.9	318.2	318.4	0.1	7.0	39.3	99.
23.7	73.0	7651.4	377.0	-32.4	-56.3	273.7	53.2*	53.1	-3.4	318.1	318.3	0.0	7.1	40.8	99.
24.0	74.0	7783.2	370.0	-33.6	-55.9	273.8	50.9*	50.7	-3.4	318.2	318.4	0.0	8.4	41.9	99.
24.4	75.0	7916.9	363.0	-34.8	-54.6	273.4	45.6*	45.5	-2.7	318.4	318.6	0.1	11.2	43.0	99.
24.8	76.0	8032.9	357.0	-36.2	-54.5	273.6	42.3*	42.2	-2.7	318.1	318.3	0.1	12.9	43.7	98.
25.2	77.0	8170.0	350.0	-37.4	-53.1	274.7	41.3*	41.2	-3.4	318.3	318.6	0.1	17.3	44.8	98.
25.7	78.0	8289.2	344.0	-38.4	-53.4	276.8	44.0*	43.6	-0.2	318.4	318.7	0.1	18.7	46.1	98.
26.1	79.0	8389.6	339.0	-39.7	-54.0	278.2	48.4*	47.9	-0.9	318.1	318.3	0.1	19.7	46.8	98.
26.4	80.0	8531.9	332.0	-40.8	99.7	279.1	52.0*	51.4	-1.2	318.6	999.9	99.9	999.9	47.8	98.
27.0	81.0	8697.5	324.0	-42.0	99.9	281.2	51.6*	50.6	-10.0	319.1	999.9	99.9	999.9	50.5	98.
27.4	82.0	8823.7	318.0	-43.2	99.9	283.1	45.3*	44.2	-10.3	319.1	999.9	99.9	999.9	51.2	98.
27.8	83.0	8951.7	312.0	-44.5	99.9	284.9	41.6*	40.2	-10.7	319.0	999.9	99.9	999.9	52.2	99.
28.3	84.0	9059.6	307.0	-45.6	99.9	285.8	42.8*	42.1	-11.9	318.9	999.9	99.9	999.9	53.3	99.
28.7	85.0	9180.4	301.0	-46.8	99.9	285.2	50.2*	48.5	-13.1	319.1	999.9	99.9	999.9	54.1	99.
29.4	86.0	9309.3	294.0	-48.1	99.7	283.3	55.9*	54.4	-12.9	319.4	999.9	99.9	999.9	57.1	99.
29.8	87.0	9449.0	288.0	-49.1	99.9	282.9	50.3*	49.1	-11.3	319.8	999.9	99.9	999.9	58.5	99.
30.3	88.0	9519.5	282.0	-50.0	99.9	283.2	44.1*	42.9	-10.1	320.5	999.9	99.9	999.9	59.3	99.
30.7	89.0	9646.5	276.0	-51.1	99.9	283.7	42.6*	41.4	-10.1	320.6	999.9	99.9	999.9	60.3	99.
31.2	90.0	9784.7	272.0	-52.4	99.9	284.0	44.7*	43.4	-10.8	321.1	999.9	99.9	999.9	62.0	99.
31.6	91.0	9954.0	266.0	-53.8	99.3	283.7	50.8*	49.3	-12.0	321.8	999.9	99.9	999.9	62.8	100.
32.1	92.0	10121.7	261.0	-53.4	99.7	282.8	67.8*	66.1	-10.0	322.7	999.9	99.9	999.9	63.9	100.
32.5	93.0	10249.0	256.0	-54.1	99.7	282.3	82.1*	80.2	-17.5	323.5	999.9	99.9	999.9	65.8	100.
33.0	94.0	10372.0	251.0	-54.5	99.9	282.1	77.7*	76.0	-15.4	324.2	999.9	99.9	999.9	69.9	100.
33.5	95.0	10500.5	246.0	-55.5	99.9	282.0	62.9*	61.5	-13.1	325.1	999.9	99.9	999.9	71.6	100.
34.1	96.0	10651.6	248.0	-56.3	99.9	282.5	64.6*	63.1	-14.0	326.1	999.9	99.9	999.9	72.4	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 2 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG





STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
1115 GMT

153 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TFMP DG C	DE PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.3	142.0	18751.8	65.0	-63.9	99.9	123.3	9.6*	-8.0	5.3	457.2	999.9	99.9	999.9	146.7	98.
63.2	143.0	19040.5	62.0	-65.3	99.9	109.2	29.4*	-27.7	9.7	460.4	999.9	99.9	999.9	142.4	98.
64.2	144.0	19239.9	60.0	-65.7	99.9	240.4	13.3*	11.5	0.6	463.9	999.9	99.9	999.9	142.9	98.
65.3	145.0	19553.8	57.0	-62.8	99.9	115.3	29.3*	-26.5	12.5	477.3	999.9	99.9	999.9	143.3	97.
66.4	146.0	19887.5	54.0	-62.1	99.9	228.2	1.4*	1.0	0.9	486.4	999.9	99.9	999.9	140.0	97.
67.7	147.0	20240.5	51.0	-62.6	99.9	278.8	53.9*	53.3	-8.2	493.1	999.9	99.9	999.9	143.4	97.
68.9	148.0	20613.8	48.0	-63.2	99.9	263.8	22.6*	22.5	2.4	500.4	999.9	99.9	999.9	146.6	97.
70.1	149.0	21009.3	45.0	-64.7	99.9	272.1	46.4*	46.4	-1.7	506.0	999.9	99.9	999.9	150.6	97.
71.4	150.0	21431.5	42.0	-63.7	99.9	267.4	26.2*	26.1	1.2	518.5	999.9	99.9	999.9	150.3	97.
72.7	151.0	21886.1	39.0	-63.7	99.9	122.0	15.5*	-13.2	8.2	529.6	999.9	99.9	999.9	155.3	97.
74.2	152.0	22210.3	37.0	-62.1	99.9	161.2	7.0*	-2.3	6.6	542.0	999.9	99.9	999.9	150.8	97.
75.7	153.0	22732.2	34.0	-62.8	99.9	260.2	16.5*	16.2	2.8	553.3	999.9	99.9	999.9	151.3	96.
77.4	154.0	23302.9	31.0	-61.7	99.9	276.1	9.2*	9.2	-1.0	571.1	999.9	99.9	999.9	153.1	96.
79.3	155.0	23934.1	28.0	-61.1	99.9	273.5	46.0*	45.9	-2.8	589.5	999.9	99.9	999.9	157.1	96.
81.4	156.0	24640.0	25.0	-59.9	99.9	283.3	34.3*	33.4	-7.9	612.5	999.9	99.9	999.9	161.3	96.
83.6	157.0	25158.6	23.0	-61.7	99.9	272.6	42.1*	42.1	-1.9	622.0	999.9	99.9	999.9	165.0	96.
85.8	158.0	26024.7	20.0	-61.5	99.9	278.9	9.3*	9.2	-1.4	647.9	999.9	99.9	999.9	168.0	96.
88.5	159.0	27035.2	17.0	-60.3	99.9	999.9	99.9	99.9	99.9	682.8	999.9	99.9	999.9	999.9	999.

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
1500 GMT

147 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	399.0	979.5	-5.0	-8.7	340.0	10.3	3.5	-9.7	270.0	275.2	2.0	75.0	0.0	0.
0.2	8.0	451.3	973.0	-5.4	-11.0	345.7	14.3	3.5	-13.9	270.1	274.6	1.7	64.6	0.3	160.
0.5	9.0	548.5	961.0	-6.8	-11.5	345.7	14.3	3.5	-15.9	269.6	273.9	1.6	69.4	0.3	160.
0.8	10.0	638.2	950.0	-7.7	-11.3	345.0	13.3	3.4	-12.8	269.6	274.0	1.7	75.7	0.6	163.
1.2	11.0	745.3	937.0	-8.3	-10.2	344.4	12.1	3.2	-11.6	270.0	274.9	1.9	86.5	0.9	163.
1.6	12.0	836.9	926.0	-9.2	-10.0	345.0	11.3	2.9	-10.9	270.1	275.1	1.9	93.5	1.2	163.
1.9	13.0	929.2	915.0	-10.2	-10.5	346.8	11.2	2.6	-10.9	269.9	274.8	1.9	97.6	1.4	164.
2.3	14.0	1022.3	904.0	-11.1	-11.2	345.8	12.7	3.1	-12.4	270.0	274.7	1.8	99.0	1.6	164.
2.6	15.0	1116.3	893.0	-11.9	-12.4	344.2	14.4	3.9	-13.8	270.0	274.4	1.6	95.9	1.9	165.
2.9	16.0	1229.0	880.0	-10.2	-11.1	342.1	16.3	5.0	-15.5	273.0	277.9	1.9	93.2	2.2	164.
3.2	17.0	1326.3	869.0	-8.3	-9.9	341.1	17.2	5.6	-16.3	275.9	281.4	2.1	88.0	2.5	164.
3.6	18.0	1425.3	858.0	-8.3	-12.6	340.3	17.6	5.9	-15.6	276.9	281.5	1.7	70.9	2.9	163.
3.9	19.0	1516.4	848.0	-7.4	-15.1	339.7	17.0	5.9	-15.0	278.7	282.6	1.4	54.3	3.2	163.
4.2	20.0	1618.4	837.0	-6.0	-14.9	338.4	16.3	6.0	-15.2	281.3	285.3	1.4	49.4	3.5	163.
4.6	21.0	1722.3	826.0	-4.7	-16.0	335.4	15.5	6.4	-14.1	283.6	287.4	1.3	40.7	3.9	162.
4.8	22.0	1827.8	815.0	-4.4	-17.6	332.8	15.4	7.0	-13.7	285.0	288.4	1.2	35.0	4.1	162.
5.2	23.0	1934.9	804.0	-4.1	-19.2	325.8	15.2	8.5	-12.6	286.5	289.5	1.0	29.7	4.4	161.
5.5	24.0	2023.6	795.0	-4.4	-19.7	319.2	15.2	9.9	-11.5	287.0	290.0	1.0	29.0	4.7	160.
5.8	25.0	2133.4	784.0	-4.3	-18.9	312.4	15.9	11.7	-10.7	288.4	291.6	1.1	30.8	4.9	159.
6.2	26.0	2254.9	772.0	-4.4	-18.1	305.5	17.6	14.3	-10.2	289.5	293.0	1.2	33.4	5.3	156.
6.6	27.0	2357.6	762.0	-4.3	-25.5	301.9	19.6	16.6	-10.3	290.7	292.6	0.6	17.1	5.6	154.
6.8	28.0	2472.1	751.0	-4.6	-26.4	301.5	19.9	17.0	-10.4	291.5	293.3	0.6	16.2	5.9	153.
7.2	29.0	2566.8	742.0	-5.2	-27.2	300.5	20.8	17.9	-10.6	291.9	293.6	0.5	15.8	6.3	150.
7.5	30.0	2662.5	733.0	-6.3	-28.3	299.6	21.7	18.9	-10.7	291.7	293.3	0.5	15.4	6.6	149.
7.8	31.0	2770.2	723.0	-4.7	-27.2	298.5	23.2	20.3	-11.0	294.5	296.3	0.6	15.2	7.0	147.
8.1	32.0	2879.3	713.0	-6.8	-28.1	297.1	24.8	22.1	-11.3	293.4	295.0	0.5	16.4	7.3	146.
8.5	33.0	2978.3	704.0	-7.6	-30.0	294.7	27.6	25.1	-11.5	293.6	295.0	0.4	14.5	7.8	144.
8.8	34.0	3089.5	694.0	-8.0	-30.7	291.8	29.5	27.4	-10.9	294.4	295.7	0.4	14.1	8.3	142.
9.1	35.0	3202.2	684.0	-8.3	-15.9	288.7	31.1	29.5	-10.0	295.4	300.1	1.6	54.1	8.9	140.
9.5	36.0	3316.6	674.0	-8.5	-12.7	283.9	32.6	31.7	-7.8	296.6	302.8	2.1	71.4	9.5	137.
9.8	37.0	3432.5	664.0	-8.9	-12.9	279.9	33.2	32.7	-5.7	297.3	303.5	2.1	72.7	10.0	135.
10.1	38.0	3538.3	655.0	-8.9	-18.8	276.5	33.8	33.6	-5.8	298.4	302.3	1.3	44.2	10.5	133.
10.4	39.0	3645.4	646.0	-9.0	-19.2	273.9	34.2	34.1	-2.3	299.4	303.3	1.3	43.2	11.0	131.
10.8	40.0	3753.9	637.0	-9.8	-24.3	271.9	34.6	34.6	-7.2	299.7	302.3	0.8	29.2	11.6	129.
11.2	41.0	3875.9	627.0	-10.2	-42.1	271.1	34.9	34.9	-0.7	300.5	301.0	0.1	5.3	12.3	126.
11.5	42.0	3999.6	617.0	-10.8	-39.3	270.9	35.0	35.0	-0.5	301.2	301.9	0.2	7.0	12.8	125.
11.9	43.0	4099.7	609.0	-11.5	-49.4	271.1	35.4	35.3	-0.7	301.5	301.8	0.1	2.6	13.5	123.
12.2	44.0	4214.1	600.0	-10.5	-45.8	271.4	35.5	35.5	-0.9	304.0	304.3	0.1	3.6	14.1	121.
12.5	45.0	4330.4	591.0	-10.2	-40.2	271.9	35.6	35.6	-1.2	305.6	306.3	0.2	6.4	14.6	120.
12.9	46.0	4435.5	583.0	-9.8	-36.5	272.7	35.3	35.2	-1.7	307.3	308.3	0.3	9.1	15.4	118.
13.2	47.0	4555.4	574.0	-10.2	-33.3	273.5	35.2	35.2	-2.1	308.2	309.5	0.4	12.3	16.0	117.
13.5	48.0	4663.4	566.0	-11.2	-33.0	274.4	35.3	35.2	-2.7	308.3	309.7	0.4	14.4	16.5	117.
13.8	49.0	4772.4	558.0	-12.2	-31.9	275.7	36.5	36.3	-3.6	308.4	309.9	0.5	17.4	17.1	116.
14.2	50.0	4882.6	550.0	-13.3	-30.7	277.0	38.3	38.0	-4.7	308.3	310.1	0.5	21.6	17.9	115.
14.6	51.0	5036.0	539.0	-14.6	-29.7	277.7	40.0	39.6	-5.4	308.6	310.6	0.6	26.1	18.8	114.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
1500 GMT

147 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.9	52.0	5149.1	531.0	-15.5	-29.1	277.5	40.4	40.1	-5.3	308.8	310.9	0.6	30.0	19.6	113.
15.3	53.0	5263.4	523.0	-16.6	-27.0	276.6	40.5	40.2	-1.7	308.8	311.4	0.8	40.0	20.6	113.
15.6	54.0	5379.2	515.0	-17.1	-25.5	276.0	40.3	40.1	-1.2	309.7	312.7	0.9	47.6	21.2	112.
15.9	55.0	5482.0	508.0	-16.8	-26.5	275.6	40.0	39.8	-1.9	311.2	314.0	0.9	42.6	21.8	112.
16.3	56.0	5631.1	498.0	-17.5	-30.5	275.6	39.3	39.1	-3.8	312.1	314.1	0.6	31.0	23.0	111.
16.7	57.0	5752.3	490.0	-18.3	-29.7	276.4	39.5	39.3	-4.4	312.6	314.8	0.7	35.6	23.8	110.
17.1	58.0	5859.6	483.0	-18.8	-32.7	277.9	41.2	40.9	-5.6	313.2	314.9	0.5	28.1	24.4	110.
17.4	59.0	5983.9	475.0	-19.5	-35.9	279.2	43.6	43.0	-7.0	313.8	315.1	0.4	21.6	25.3	109.
17.9	60.0	6094.2	468.0	-19.6	-40.0	280.0	45.8	45.1	-7.9	315.0	315.8	0.2	14.4	26.9	109.
18.2	61.0	6222.2	460.0	-19.9	-46.0	279.3	46.1	45.5	-7.4	316.2	316.7	0.1	7.6	27.6	109.
18.5	62.0	6335.7	453.0	-20.7	-44.5	278.2	46.0	45.5	-6.5	316.6	317.1	0.2	9.4	28.3	109.
18.9	63.0	6450.7	446.0	-21.5	-43.1	277.1	46.3	46.0	-5.7	317.0	317.6	0.2	12.1	29.5	108.
19.3	64.0	6583.9	438.0	-22.5	-45.0	277.1	46.8	46.4	-5.8	317.4	318.0	0.2	10.6	30.6	108.
19.7	65.0	6702.0	431.0	-23.4	-46.1	277.3	47.2	46.9	-6.0	317.7	318.2	0.1	10.2	31.7	107.
20.1	66.0	6855.9	422.0	-24.7	-47.5	277.2	47.7	47.3	-6.0	317.9	318.3	0.1	9.9	32.8	107.
20.5	67.0	6977.5	415.0	-25.5	-46.8	276.4	48.1	47.8	-5.3	318.4	318.9	0.1	11.5	34.0	107.
20.9	68.0	7082.9	409.0	-26.4	-48.7	275.5	48.0	47.8	-4.6	318.5	318.9	0.1	10.1	35.0	106.
21.3	69.0	7207.5	402.0	-27.2	-54.9	275.4	48.8	48.6	-4.6	319.1	319.3	0.1	5.3	36.3	106.
21.6	70.0	7352.0	394.0	-28.2	-56.2	275.8	50.3*	50.0	-5.1	319.7	319.9	0.0	4.8	37.2	106.
22.1	71.0	7498.7	386.0	-29.9	-58.1	277.4	54.6*	54.1	-7.0	319.3	319.5	0.0	4.5	38.3	105.
22.4	72.0	7628.8	379.0	-31.1	-56.9	278.1	55.5*	54.9	-7.8	319.4	319.6	0.0	5.8	39.6	105.
22.7	73.0	7741.6	373.0	-32.3	-56.9	278.2	52.4*	51.8	-7.5	319.3	319.5	0.0	6.5	40.9	105.
23.1	74.0	7875.0	366.0	-33.5	-56.4	277.9	45.7*	45.3	-6.2	319.4	319.6	0.0	7.8	42.3	105.
23.4	75.0	7971.3	361.0	-34.8	-56.3	277.5	41.0*	40.6	-5.4	318.9	319.1	0.0	9.0	42.6	105.
23.8	76.0	8107.6	354.0	-36.0	-55.9	278.1	40.6*	40.2	-5.7	319.1	319.3	0.1	10.8	43.3	104.
24.1	77.0	8246.0	347.0	-37.1	-55.3	278.8	42.3*	41.8	-6.4	319.4	319.6	0.1	13.0	44.1	104.
24.4	78.0	8346.1	342.0	-38.2	99.9	279.5	44.9*	44.3	-7.4	319.4	999.9	99.9	999.9	45.0	104.
24.7	79.0	8488.1	335.0	-39.4	99.9	280.1	46.5*	45.8	-8.1	319.6	999.9	99.9	999.9	45.9	104.
25.1	80.0	8632.3	328.0	-40.7	99.9	280.9	48.9*	48.1	-9.3	319.8	999.9	99.9	999.9	47.1	104.
25.5	81.0	8778.7	321.0	-42.3	99.9	282.0	53.9*	52.8	-11.2	319.5	999.9	99.9	999.9	47.9	104.
25.8	82.0	8906.1	315.0	-42.9	99.9	283.0	57.3*	55.9	-12.9	320.4	999.9	99.9	999.9	48.8	104.
26.3	83.0	9035.6	309.0	-43.7	99.9	284.0	54.3*	52.7	-13.1	321.0	999.9	99.9	999.9	51.4	104.
26.8	84.0	9167.1	303.0	-44.4	99.9	284.0	44.2*	42.9	-10.7	321.8	999.9	99.9	999.9	52.9	104.
27.4	85.0	9278.4	298.0	-45.3	99.9	283.0	46.8*	45.6	-10.6	322.1	999.9	99.9	999.9	53.4	104.
28.0	86.0	9436.6	291.0	-46.6	99.9	283.0	63.8*	62.2	-14.4	322.5	999.9	99.9	999.9	55.4	104.
28.5	87.0	9574.5	285.0	-47.5	99.9	283.4	60.2*	58.5	-14.0	323.1	999.9	99.9	999.9	58.8	104.
29.0	88.0	9714.9	279.0	-48.5	99.9	283.8	48.1*	46.7	-11.5	323.6	999.9	99.9	999.9	59.7	104.
29.5	89.0	9833.6	274.0	-49.6	99.9	284.0	54.1*	52.5	-13.1	323.8	999.9	99.9	999.9	60.4	104.
29.9	90.0	9953.9	269.0	-50.6	99.9	284.5	69.1*	66.9	-17.3	323.9	999.9	99.9	999.9	61.7	104.
30.4	91.0	10100.5	263.0	-51.9	99.9	285.6	75.2*	72.4	-20.2	324.2	999.9	99.9	999.9	65.1	104.
30.8	92.0	10224.6	258.0	-52.8	99.9	286.8	65.6*	62.8	-18.9	324.6	999.9	99.9	999.9	66.9	104.
31.3	93.0	10350.8	253.0	-53.3	99.9	287.7	54.3*	51.8	-16.5	325.7	999.9	99.9	999.9	68.6	104.
31.8	94.0	10479.0	248.0	-54.3	99.9	286.5	63.3*	60.7	-13.0	326.2	999.9	99.9	999.9	68.8	104.
32.2	95.0	10609.4	243.0	-55.1	99.9	285.7	81.7*	78.7	-22.2	326.8	999.9	99.9	999.9	70.6	104.
32.9	96.0	10768.5	237.0	-56.6	99.9	285.4	97.5*	94.0	-23.8	326.9	999.9	99.9	999.9	75.1	104.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
1500 GMT

147 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.3	97.0	10903.4	232.0	-57.6	99.9	284.4	76.8*	74.4	-19.1	327.4	999.9	99.9	999.9	78.6	104.
33.8	98.0	11068.8	226.0	-57.9	99.9	279.9	37.4*	36.9	-6.5	329.3	999.9	99.9	999.9	80.6	104.
34.3	99.0	11181.2	222.0	-58.5	99.9	266.4	13.4*	13.4	0.9	330.2	999.9	99.9	999.9	80.0	104.
34.7	100.0	11324.2	217.0	-59.2	99.9	275.2	17.8*	17.7	-1.6	331.3	999.9	99.9	999.9	79.6	104.
35.3	101.0	11500.3	211.0	-59.3	99.9	285.8	53.0*	51.0	-14.5	335.3	999.9	99.9	999.9	80.9	104.
35.7	102.0	11620.7	207.0	-58.5	99.9	287.4	73.1*	69.8	-21.8	336.9	999.9	99.9	999.9	82.5	104.
36.3	103.0	11743.2	203.0	-59.3	99.9	289.3	74.4*	70.2	-24.6	337.4	999.9	99.9	999.9	86.8	104.
36.8	104.0	11898.9	198.0	-60.8	99.9	291.5	59.0*	54.9	-21.6	337.8	999.9	99.9	999.9	88.2	104.
37.3	105.0	12025.7	194.0	-61.7	99.9	290.7	50.3*	47.0	-17.8	338.0	999.9	99.9	999.9	89.0	105.
37.7	106.0	12187.3	189.0	-61.9	99.9	287.5	50.5*	48.2	-15.2	340.2	999.9	99.9	999.9	90.9	105.
38.3	107.0	12320.4	185.0	-59.7	99.9	283.3	62.2*	60.5	-14.3	345.9	999.9	99.9	999.9	92.1	105.
38.8	108.0	12457.6	181.0	-58.1	99.9	282.4	79.0*	77.2	-17.0	350.6	999.9	99.9	999.9	94.0	105.
39.4	109.0	12634.2	176.0	-57.6	99.9	282.3	79.1*	77.3	-16.9	354.3	999.9	99.9	999.9	98.3	105.
40.1	110.0	12779.4	172.0	-57.6	99.9	281.2	34.2*	33.6	-6.6	356.6	999.9	99.9	999.9	101.1	104.
40.8	111.0	12965.8	167.0	-57.3	99.9	206.2	3.5*	1.5	3.1	360.2	999.9	99.9	999.9	101.4	104.
41.4	112.0	13119.1	163.0	-57.1	99.9	265.3	18.7*	18.6	1.5	363.0	999.9	99.9	999.9	98.4	104.
41.9	113.0	13276.5	159.0	-56.9	99.9	271.9	35.5*	35.5	-1.2	365.9	999.9	99.9	999.9	102.6	104.
42.6	114.0	13396.9	156.0	-57.6	99.9	268.9	29.8*	29.8	0.6	366.7	999.9	99.9	999.9	103.1	104.
43.1	115.0	13560.9	152.0	-57.6	99.9	272.8	39.7*	39.7	-2.0	369.5	999.9	99.9	999.9	103.1	104.
43.8	116.0	13771.6	147.0	-58.6	99.9	275.2	64.3*	64.0	-5.8	371.2	999.9	99.9	999.9	106.3	104.
44.5	117.0	13944.6	143.0	-59.5	99.9	270.2	48.8*	48.8	-0.1	372.6	999.9	99.9	999.9	110.3	103.
45.1	118.0	14121.9	139.0	-60.0	99.9	271.5	49.5*	49.5	-1.3	374.7	999.9	99.9	999.9	109.2	103.
45.8	119.0	14257.9	136.0	-60.6	99.9	276.4	63.6*	63.2	-7.1	376.1	999.9	99.9	999.9	117.2	103.
46.5	120.0	14443.5	132.0	-61.1	99.9	276.3	41.2*	40.9	-4.6	378.4	999.9	99.9	999.9	117.2	103.
47.1	121.0	14586.0	129.0	-62.1	99.9	275.0	32.9*	32.7	-2.8	379.2	999.9	99.9	999.9	116.0	103.
47.8	122.0	14780.7	125.0	-62.3	99.9	278.2	56.4*	55.8	-8.0	382.3	999.9	99.9	999.9	118.8	103.
48.5	123.0	14930.7	122.0	-62.4	99.9	278.8	51.2*	50.6	-7.8	384.6	999.9	99.9	999.9	119.3	103.
49.2	124.0	15136.1	118.0	-63.0	99.9	277.6	29.2*	28.9	-3.9	387.2	999.9	99.9	999.9	123.4	103.
49.9	125.0	15241.4	116.0	-63.0	99.9	277.5	38.7*	38.4	-5.1	389.1	999.9	99.9	999.9	122.1	103.
50.8	126.0	15512.1	111.0	-63.8	99.9	275.5	38.3*	38.1	-3.7	392.6	999.9	99.9	999.9	127.0	102.
51.6	127.0	15680.2	108.0	-63.6	99.9	272.7	21.0*	20.9	-1.0	396.1	999.9	99.9	999.9	126.7	102.
52.3	128.0	15911.6	104.0	-64.0	99.9	278.1	34.3*	33.9	-4.8	399.6	999.9	99.9	999.9	128.4	102.
53.0	129.0	16091.0	101.0	-63.8	99.9	279.7	59.5**	58.6	-10.1	403.4	999.9	99.9	999.9	129.8	102.
53.7	130.0	16276.0	98.0	-63.8	99.9	280.0	65.5**	64.5	-11.4	406.9	999.9	99.9	999.9	133.4	102.
54.6	131.0	16531.4	94.0	-64.0	99.9	274.4	19.9**	19.7	-1.5	411.4	999.9	99.9	999.9	134.9	102.
55.4	132.0	16730.9	91.0	-62.4	99.9	276.3	16.4**	16.3	-1.8	418.2	999.9	99.9	999.9	136.5	102.
56.2	133.0	16937.8	88.0	-62.4	99.9	274.6	19.4*	19.4	-1.6	422.3	999.9	99.9	999.9	137.0	102.
57.0	134.0	17151.8	85.0	-62.6	99.9	250.4	10.1*	9.5	5.4	426.1	999.9	99.9	999.9	137.8	102.
57.9	135.0	17373.4	82.0	-62.4	99.9	270.9	27.9*	27.9	-0.4	430.9	999.9	99.9	999.9	139.1	102.
58.9	136.0	17602.8	79.0	-63.6	99.9	275.4	48.8*	48.6	-4.6	433.1	999.9	99.9	999.9	140.9	102.
59.9	137.0	17922.9	75.0	-62.1	99.9	275.0	38.4*	38.2	-3.4	442.8	999.9	99.9	999.9	142.5	102.
60.7	138.0	18175.5	72.0	-61.9	99.9	281.0	35.0*	34.3	-6.7	448.4	999.9	99.9	999.9	146.2	102.
61.7	139.0	18438.3	69.0	-62.8	99.9	100.1	27.9*	-27.5	4.9	451.9	999.9	99.9	999.9	146.0	102.
62.7	140.0	18805.2	65.0	-64.0	99.9	280.3	30.5*	30.0	-5.4	457.1	999.9	99.9	999.9	144.0	102.
63.8	141.0	19093.3	62.0	-66.0	99.9	275.5	35.4*	35.2	-5.4	458.9	999.9	99.9	999.9	150.1	102.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
1500 GMT

147 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.9	142.0	19499.2	58.0	-64.8	99.9	266.5	20.7*	20.7	1.3	470.5	999.9	99.9	999.9	146.4	101.
66.1	143.0	19825.2	55.0	-62.4	99.9	92.5	23.3*	-23.3	1.0	483.0	999.9	99.9	999.9	152.2	101.
67.3	144.0	20174.2	52.0	-59.0	99.9	275.0	31.2*	31.1	-2.7	498.9	999.9	99.9	999.9	151.2	101.
68.8	145.0	20547.5	49.0	-58.5	99.9	277.7	86.9*	86.1	-11.6	508.7	999.9	99.9	999.9	153.5	101.
70.3	146.0	21083.0	45.0	-58.5	99.9	118.7	12.9*	-11.3	6.2	521.2	999.9	99.9	999.9	158.3	101.
71.7	147.0	21514.4	42.0	-61.0	99.9	106.0	51.8*	-49.8	14.3	525.4	999.9	99.9	999.9	152.2	101.
73.3	148.0	21976.3	39.0	-59.7	99.9	207.4	2.2*	1.0	1.9	539.9	999.9	99.9	999.9	154.1	101.
75.1	149.0	22474.0	36.0	-62.1	99.9	282.4	63.4*	61.9	-13.6	546.2	999.9	99.9	999.9	155.3	101.
76.7	150.0	23010.3	33.0	-63.4	99.9	284.3	38.4*	37.2	-9.5	556.5	999.9	99.9	999.9	165.2	101.
78.6	151.0	23807.5	29.0	-61.7	99.9	258.2	16.4*	16.1	3.4	582.1	999.9	99.9	999.9	167.2	101.
80.8	152.0	24488.2	26.0	-59.0	99.9	139.5	7.6*	-4.9	5.8	608.3	999.9	99.9	999.9	163.0	101.
83.2	153.0	25256.7	23.0	-59.3	99.9	999.9	99.9	99.9	99.9	628.9	999.9	99.9	999.9	999.9	999.

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
1715 GMT

152 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	399.0	981.5	-2.9	-11.0	340.0	5.1	1.7	-5.8	271.9	276.2	1.6	51.0	0.0	0.
0.2	8.0	476.0	972.0	-3.2	-12.0	310.9	12.3	9.3	-8.1	272.4	276.4	1.5	48.5	0.3	165.
0.6	9.0	574.2	960.0	-4.3	-12.4	312.7	11.8	8.7	-8.0	272.2	276.3	1.5	53.0	0.4	159.
0.8	10.0	664.9	949.0	-5.2	-12.1	317.0	10.8	7.4	-7.9	272.2	276.4	1.6	58.1	0.5	151.
1.1	11.0	773.0	936.0	-6.4	-12.1	324.2	9.5	5.6	-7.7	272.1	276.3	1.6	63.7	0.7	147.
1.4	12.0	873.7	924.0	-7.3	-13.0	331.6	8.6	4.1	-7.6	272.1	276.2	1.5	63.4	0.8	149.
1.6	13.0	958.4	914.0	-8.3	-13.1	333.6	8.7	3.9	-7.8	271.9	276.0	1.5	67.7	0.9	150.
1.9	14.0	1052.2	903.0	-9.6	-13.3	331.4	9.6	4.6	-8.4	271.5	275.4	1.5	71.5	1.1	150.
2.2	15.0	1146.8	892.0	-9.9	-13.3	331.9	10.6	5.0	-9.4	272.2	276.3	1.5	76.2	1.3	150.
2.7	16.0	1259.8	879.0	-11.2	-13.9	334.3	12.8	5.6	-11.5	272.0	275.9	1.5	80.2	1.6	151.
3.2	17.0	1356.4	868.0	-11.8	-15.5	335.9	15.8	6.4	-14.4	272.3	275.9	1.3	73.9	2.0	152.
3.5	18.0	1454.2	857.0	-11.6	-17.3	336.3	17.9	7.2	-16.4	273.5	276.6	1.1	62.8	2.3	152.
3.8	19.0	1544.5	847.0	-9.3	-17.2	336.6	18.6	7.4	-17.1	276.8	280.0	1.2	52.7	2.7	153.
4.2	20.0	1655.1	835.0	-8.0	-16.1	335.8	18.9	7.7	-17.2	279.3	282.9	1.3	52.1	3.1	153.
4.7	21.0	1759.0	824.0	-4.3	-12.8	333.6	18.9	8.4	-17.0	284.4	289.2	1.7	51.1	3.7	154.
5.2	22.0	1874.9	812.0	-3.0	-14.6	332.5	19.8	9.1	-17.6	286.9	291.2	1.5	40.3	4.3	153.
5.5	23.0	1973.1	802.0	-2.7	-17.0	332.5	20.1	9.3	-17.8	288.2	291.9	1.3	32.3	4.6	153.
5.8	24.0	2072.4	792.0	-3.2	-17.2	331.8	18.7	8.8	-16.5	288.7	292.4	1.2	32.6	5.0	153.
6.3	25.0	2183.0	781.0	-3.8	-17.9	328.8	17.5	9.1	-15.0	289.2	292.7	1.2	32.3	5.5	153.
6.7	26.0	2294.9	770.0	-4.1	-18.5	324.4	18.2	10.6	-14.8	290.1	293.5	1.2	32.0	5.9	153.
7.1	27.0	2408.3	759.0	-4.6	-18.4	319.9	19.3	12.4	-14.8	290.8	294.2	1.2	33.0	6.4	152.
7.4	28.0	2512.6	749.0	-5.3	-18.7	317.8	18.7	12.6	-13.9	291.0	294.5	1.2	33.9	6.7	151.
7.8	29.0	2617.9	739.0	-6.1	-18.9	316.2	18.3	12.7	-13.2	291.3	294.8	1.2	35.4	7.2	150.
8.2	30.0	2713.7	730.0	-6.7	-19.3	315.7	18.2	12.7	-13.0	291.7	294.9	1.1	34.2	7.6	149.
8.5	31.0	2821.3	720.0	-7.6	-21.2	315.8	18.1	12.7	-13.0	291.8	294.7	1.0	32.4	7.9	149.
8.9	32.0	2930.0	710.0	-8.3	-25.0	315.7	18.7	13.1	-13.4	292.2	294.3	0.7	24.0	8.3	148.
9.3	33.0	3028.9	701.0	-9.0	-31.2	314.7	20.0	14.2	-14.0	292.4	293.6	0.4	14.5	8.8	147.
9.6	34.0	3151.1	690.0	-9.5	-37.3	313.1	21.3	15.5	-14.6	293.2	293.9	0.2	8.2	9.1	147.
10.1	35.0	3241.1	682.0	-9.9	-39.7	308.3	24.2	19.0	-15.0	293.7	294.3	0.2	6.6	9.7	146.
10.4	36.0	3389.5	669.0	-10.1	-41.0	304.1	25.9	21.5	-14.5	295.1	295.6	0.1	5.5	10.2	145.
10.8	37.0	3493.8	660.0	-10.5	-41.7	297.6	27.6	24.4	-12.8	295.8	296.3	0.1	5.6	10.8	144.
11.1	38.0	3599.3	651.0	-11.2	-42.1	293.0	28.9	26.6	-11.3	296.1	296.6	0.1	5.7	11.3	143.
11.6	39.0	3718.0	641.0	-11.5	-43.2	287.1	31.7	30.3	-9.3	297.1	297.6	0.1	5.2	12.0	140.
11.9	40.0	3814.4	633.0	-11.1	-43.0	285.0	33.7	32.6	-8.7	298.7	299.1	0.1	5.1	12.4	139.
12.4	41.0	3961.3	621.0	-10.9	-42.9	281.7	36.3	35.6	-7.3	300.5	301.0	0.1	5.1	13.4	136.
12.8	42.0	4060.8	613.0	-11.6	-39.2	279.1	36.8	36.4	-5.2	300.8	301.5	0.2	8.0	14.2	134.
13.2	43.0	4186.9	603.0	-11.1	-40.3	274.2	36.3	36.2	-2.6	302.9	303.5	0.2	6.8	14.9	132.
13.7	44.0	4302.5	594.0	-10.5	-42.7	270.5	35.3	35.3	-0.3	304.8	305.3	0.1	5.0	15.7	129.
14.1	45.0	4394.0	587.0	-9.2	-40.2	270.2	35.2	35.2	-0.1	307.4	308.1	0.2	5.9	16.2	127.
14.4	46.0	4513.4	578.0	-9.2	-37.1	272.0	35.7	35.7	-1.2	308.8	309.7	0.3	8.2	16.8	126.
14.9	47.0	4634.7	569.0	-9.8	-36.2	276.1	37.4	37.2	-1.9	309.5	310.5	0.3	9.3	17.7	124.
15.3	48.0	4743.8	561.0	-10.2	-34.5	278.5	38.9	38.5	-5.7	310.2	311.5	0.4	11.5	18.5	123.
15.7	49.0	4868.3	552.0	-10.8	-32.5	279.5	40.1	39.5	-6.6	311.0	312.5	0.4	14.7	19.5	122.
16.1	50.0	4994.3	543.0	-12.1	-31.1	279.4	40.9	40.3	-6.7	310.9	312.7	0.5	18.6	20.4	121.
16.6	51.0	5121.9	534.0	-13.3	-29.2	278.3	41.6	41.1	-6.0	310.9	313.0	0.6	24.7	21.5	120.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
1715 GMT

152 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
16.9	52.0	5251.1	525.0	-14.3	-28.1	277.8	42.0	41.7	-5.7	311.3	313.6	0.7	29.9	22.3	119.
17.3	53.0	5367.2	517.0	-15.6	-27.0	277.4	42.9	42.6	-5.5	311.1	313.6	0.7	33.9	23.2	118.
17.7	54.0	5470.0	510.0	-16.3	-26.3	277.2	43.8	43.5	-5.5	311.5	314.2	0.8	39.4	24.1	117.
18.1	55.0	5588.9	502.0	-16.8	-27.1	277.3	44.3	43.9	-5.6	312.3	315.0	0.8	40.4	25.2	116.
18.6	56.0	5740.1	492.0	-16.8	-26.9	277.3	43.8	43.4	-5.6	314.1	316.9	0.9	41.1	26.5	115.
18.9	57.0	5863.2	484.0	-17.1	-28.4	277.2	43.5	43.2	-5.5	315.2	317.7	0.8	36.5	27.2	115.
19.4	58.0	5988.1	476.0	-17.5	-29.1	277.0	44.6	44.3	-5.4	316.2	318.6	0.7	35.2	28.3	114.
19.7	59.0	6114.9	468.0	-18.3	-29.0	277.2	45.7	45.3	-5.7	316.7	319.0	0.7	36.0	29.1	114.
20.1	60.0	6227.2	461.0	-19.4	-30.0	277.9	47.0	46.6	-6.5	316.7	319.0	0.7	38.0	30.3	113.
20.5	61.0	6357.2	453.0	-20.3	-30.0	279.4	47.7	47.1	-7.8	317.1	319.4	0.7	39.8	31.4	112.
20.9	62.0	6472.3	446.0	-21.3	-32.0	281.1	48.0*	47.1	-9.3	317.3	319.2	0.5	34.9	32.5	112.
21.3	63.0	6588.8	439.0	-22.3	-33.6	282.1	47.7*	46.6	-10.0	317.4	319.1	0.5	34.9	33.6	112.
21.7	64.0	6723.8	431.0	-23.1	-34.5	282.4	46.3*	45.2	-9.9	318.1	319.7	0.5	34.1	34.8	111.
22.1	65.0	6843.5	424.0	-24.2	-35.1	282.0	44.4*	43.4	-9.2	318.2	319.8	0.4	35.4	36.0	111.
22.7	66.0	6999.6	415.0	-25.4	-35.3	281.4	45.0*	44.1	-8.9	318.6	320.1	0.4	36.9	37.3	111.
23.1	67.0	7105.0	409.0	-26.7	-36.0	281.4	47.9*	46.9	-9.4	318.3	319.7	0.4	39.4	38.3	110.
23.5	68.0	7229.4	402.0	-27.7	-36.7	281.5	50.8*	49.8	-10.1	318.5	319.9	0.4	43.2	39.6	110.
23.9	69.0	7373.7	394.0	-28.5	-37.1	281.2	49.7*	48.7	-9.6	319.3	320.7	0.4	43.1	41.0	110.
24.4	70.0	7483.6	388.0	-28.9	-39.3	279.9	46.1*	45.4	-7.9	320.1	321.3	0.3	35.5	42.3	110.
24.9	71.0	7651.3	379.0	-29.7	-43.1	277.7	44.1*	43.7	-5.9	321.2	322.0	0.2	25.8	43.7	109.
25.3	72.0	7783.9	372.0	-30.9	-44.1	277.2	47.5*	47.1	-6.0	321.4	322.1	0.2	25.8	44.6	109.
25.7	73.0	7918.4	365.0	-32.1	-44.7	278.4	54.3*	53.7	-7.9	321.6	322.3	0.2	27.9	45.5	109.
26.1	74.0	8035.2	359.0	-33.1	-45.0	280.1	61.5*	60.5	-10.7	321.7	322.4	0.2	28.9	46.9	108.
26.5	75.0	8173.4	352.0	-34.0	-44.0	280.9	64.0*	62.9	-12.1	322.3	323.0	0.2	32.1	48.9	108.
26.8	76.0	8293.5	346.0	-35.4	-45.6	279.2	57.4*	56.7	-9.2	322.1	322.7	0.2	33.8	50.2	108.
27.2	77.0	8394.7	341.0	-36.3	-46.2	275.6	47.4*	47.2	-4.6	322.1	322.8	0.2	34.7	51.4	108.
27.7	78.0	8538.2	334.0	-37.5	-47.0	270.0	37.8*	37.8	0.0	322.4	323.0	0.2	34.5	52.4	107.
28.1	79.0	8684.1	327.0	-38.7	-48.2	269.1	36.8*	36.8	0.6	322.7	323.2	0.1	35.3	53.0	107.
28.5	80.0	8789.7	322.0	-39.8	-49.0	272.3	41.7*	41.7	-1.7	322.6	323.1	0.1	36.3	53.3	107.
28.9	81.0	8961.1	314.0	-41.3	99.0	276.1	49.6*	49.3	-5.2	323.0	999.9	99.9	999.9	55.3	106.
29.3	82.0	9091.8	308.0	-42.5	99.0	278.7	59.5*	58.8	-9.0	323.0	999.9	99.9	999.9	56.0	106.
29.7	83.0	9224.4	302.0	-43.6	99.9	280.0	68.0*	67.0	-11.8	323.3	999.9	99.9	999.9	57.3	106.
30.2	84.0	9358.9	296.0	-44.9	99.9	280.1	69.0*	67.9	-12.1	323.4	999.9	99.9	999.9	60.3	106.
30.6	85.0	9472.7	291.0	-45.4	99.9	279.0	60.4*	59.6	-9.5	324.2	999.9	99.9	999.9	62.3	106.
31.1	86.0	9634.6	284.0	-46.8	99.9	276.6	48.3*	48.0	-5.6	324.4	999.9	99.9	999.9	63.2	106.
31.5	87.0	9775.8	278.0	-48.0	99.9	275.4	46.1*	45.9	-4.4	324.7	999.9	99.9	999.9	63.6	105.
31.9	88.0	9919.5	272.0	-48.7	99.9	274.8	45.3*	45.1	-3.8	325.7	999.9	99.9	999.9	65.6	105.
32.4	89.0	10041.2	267.0	-49.7	99.9	274.6	42.8*	42.7	-3.4	325.9	999.9	99.9	999.9	66.9	105.
32.8	90.0	10189.5	261.0	-50.9	99.9	276.5	47.8*	47.5	-5.4	326.3	999.9	99.9	999.9	67.3	105.
33.3	91.0	10315.0	256.0	-52.3	99.9	279.7	64.1*	63.2	-10.8	326.1	999.9	99.9	999.9	68.9	105.
33.7	92.0	10442.3	251.0	-53.5	99.9	281.4	78.1*	76.5	-15.4	326.1	999.9	99.9	999.9	70.7	105.
34.1	93.0	10571.4	246.0	-54.6	99.9	282.2	84.8*	82.9	-18.0	326.4	999.9	99.9	999.9	72.7	105.
34.5	94.0	10729.0	240.0	-55.8	99.9	282.2	78.2*	76.5	-16.5	327.0	999.9	99.9	999.9	75.9	105.
35.0	95.0	10862.8	235.0	-56.7	99.9	280.6	55.3*	54.4	-10.2	327.5	999.9	99.9	999.9	77.8	104.
35.6	96.0	11025.3	229.0	-57.9	99.9	277.5	30.3*	30.0	-4.0	328.1	999.9	99.9	999.9	78.4	104.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
1715 GMT

152 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIF DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
36.1	97.0	11165.2	224.0	-58.7	99.9	276.9	24.2*	24.0	-2.9	328.9	999.9	99.9	999.9	80.2	104.
36.6	98.0	11306.7	219.0	-59.6	99.9	280.8	43.6*	42.8	-8.2	329.7	999.9	99.9	999.9	78.4	104.
37.1	99.0	11422.1	215.0	-59.4	99.9	283.4	70.2*	68.3	-16.3	331.7	999.9	99.9	999.9	81.5	104.
37.5	100.0	11570.0	210.0	-57.7	99.9	285.4	73.5*	70.8	-15.5	336.6	999.9	99.9	999.9	85.0	104.
38.0	101.0	11721.7	205.0	-58.6	99.9	288.9	48.4*	45.8	-15.6	337.6	999.9	99.9	999.9	86.1	104.
38.5	102.0	11876.6	200.0	-59.4	99.9	290.0	36.3*	34.1	-12.4	338.7	999.9	99.9	999.9	87.2	104.
38.9	103.0	12034.7	195.0	-60.5	99.9	287.0	47.3*	45.2	-13.8	339.5	999.9	99.9	999.9	86.5	104.
39.4	104.0	12163.6	191.0	-61.2	99.9	284.6	60.7*	58.7	-15.3	340.4	999.9	99.9	999.9	89.8	104.
39.9	105.0	12329.4	186.0	-58.4	99.9	283.0	67.1*	65.4	-15.1	347.4	999.9	99.9	999.9	91.5	104.
40.5	106.0	12466.5	182.0	-57.4	99.9	281.7	77.1*	75.5	-15.6	351.2	999.9	99.9	999.9	92.6	104.
41.0	107.0	12607.0	178.0	-57.2	99.9	280.7	77.9*	76.6	-14.5	353.8	999.9	99.9	999.9	97.4	104.
41.5	108.0	12750.7	174.0	-57.4	99.9	278.3	54.6*	54.0	-7.9	355.8	999.9	99.9	999.9	98.4	104.
42.0	109.0	12897.8	170.0	-57.1	99.9	269.6	22.3*	22.3	0.2	358.7	999.9	99.9	999.9	100.9	104.
42.5	110.0	13048.5	166.0	-57.1	99.9	255.8	10.8*	10.5	2.6	361.2	999.9	99.9	999.9	99.3	104.
43.1	111.0	13241.8	161.0	-57.7	99.9	273.4	28.5*	28.4	-1.7	363.2	999.9	99.9	999.9	99.7	104.
43.7	112.0	13400.5	157.0	-57.7	99.9	275.2	42.6*	42.4	-3.9	365.8	999.9	99.9	999.9	102.0	104.
44.2	113.0	13563.4	153.0	-57.6	99.9	275.4	44.2*	44.0	-4.2	368.8	999.9	99.9	999.9	103.2	104.
44.7	114.0	13730.7	149.0	-57.6	99.9	277.4	45.1*	44.7	-5.8	371.6	999.9	99.9	999.9	104.3	103.
45.3	115.0	13859.1	146.0	-57.9	99.9	280.3	48.4*	47.6	-8.7	373.2	999.9	99.9	999.9	106.3	103.
45.8	116.0	14078.6	141.0	-58.2	99.9	281.1	55.2*	54.1	-10.6	376.4	999.9	99.9	999.9	107.4	103.
46.4	117.0	14259.3	137.0	-59.4	99.9	281.4	60.9*	59.7	-12.1	377.4	999.9	99.9	999.9	109.4	103.
46.9	118.0	14397.7	134.0	-59.9	99.9	281.9	47.5*	46.5	-9.8	378.9	999.9	99.9	999.9	113.0	103.
47.5	119.0	14538.9	131.0	-60.6	99.9	282.7	35.1*	34.2	-7.7	380.1	999.9	99.9	999.9	111.8	103.
47.9	120.0	14731.5	127.0	-61.5	99.9	282.2	49.6*	48.5	-10.5	381.9	999.9	99.9	999.9	113.1	103.
48.5	121.0	14929.2	123.0	-63.2	99.9	281.4	66.6*	65.2	-13.2	382.4	999.9	99.9	999.9	116.1	103.
49.1	122.0	15080.8	120.0	-63.9	99.9	280.1	41.6*	41.0	-7.3	383.7	999.9	99.9	999.9	118.9	103.
49.6	123.0	15235.7	117.0	-64.5	99.9	269.8	9.4*	9.4	0.0	385.4	999.9	99.9	999.9	119.6	103.
50.2	124.0	15394.6	114.0	-64.3	99.9	155.3	3.6*	-1.5	3.3	388.7	999.9	99.9	999.9	118.4	103.
50.8	125.0	15558.0	111.0	-63.5	99.9	274.8	22.7*	22.6	-1.9	393.1	999.9	99.9	999.9	118.6	103.
51.6	126.0	15783.5	107.0	-63.2	99.9	280.6	61.7*	60.7	-11.4	397.9	999.9	99.9	999.9	120.0	103.
52.2	127.0	16018.1	103.0	-62.8	99.9	280.2	62.8*	61.8	-11.2	403.0	999.9	99.9	999.9	124.1	103.
52.8	128.0	16200.3	100.0	-62.6	99.9	276.4	46.7*	46.4	-5.2	406.8	999.9	99.9	999.9	125.6	103.
53.3	129.0	16387.9	97.0	-63.2	99.9	272.1	40.3*	40.3	-1.5	409.2	999.9	99.9	999.9	126.9	103.
53.8	130.0	16580.9	94.0	-63.5	99.9	270.7	44.4*	44.4	-0.5	412.2	999.9	99.9	999.9	127.2	103.
54.6	131.0	16779.4	91.0	-65.1	99.9	271.1	46.4*	46.4	-0.9	413.0	999.9	99.9	999.9	131.2	102.
55.3	132.0	16983.4	88.0	-65.6	99.9	275.7	46.6*	46.3	-4.7	415.8	999.9	99.9	999.9	131.3	102.
55.9	133.0	17194.4	85.0	-65.3	99.9	280.0	42.8*	42.2	-7.4	420.8	999.9	99.9	999.9	134.2	102.
56.6	134.0	17413.3	82.0	-65.1	99.9	284.0	30.8*	29.9	-7.5	425.5	999.9	99.9	999.9	135.5	102.
57.3	135.0	17640.4	79.0	-65.3	99.9	284.5	35.8*	34.6	-8.9	429.7	999.9	99.9	999.9	136.4	102.
58.1	136.0	17876.5	76.0	-64.7	99.9	320.8	2.1*	1.3	-1.7	435.7	999.9	99.9	999.9	138.8	102.
59.0	137.0	18123.1	73.0	-63.5	99.9	320.9	3.2*	2.0	-2.5	443.1	999.9	99.9	999.9	136.1	102.
59.9	138.0	18382.0	70.0	-61.5	99.9	281.2	45.6*	44.7	-8.8	452.8	999.9	99.9	999.9	137.0	102.
60.6	139.0	18745.5	66.0	-63.0	99.9	275.5	49.3*	49.0	-4.8	457.3	999.9	99.9	999.9	142.1	102.
61.4	140.0	19030.6	63.0	-64.9	99.9	267.6	32.4*	32.4	1.4	459.3	999.9	99.9	999.9	141.4	102.
62.2	141.0	19328.4	60.0	-64.7	99.9	232.9	10.1*	8.0	6.1	466.1	999.9	99.9	999.9	145.2	102.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
1715 GMT

152 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.2	142.0	19644.8	57.0	-60.5	99.9	120.0	16.1*	-13.9	8.0	482.6	999.9	99.9	999.9	140.7	102.
64.3	143.0	19867.7	55.0	-59.8	99.9	121.4	3.1*	-2.6	1.6	489.1	999.9	99.9	999.9	143.5	102.
65.4	144.0	20340.4	51.0	-59.1	99.9	289.4	19.6*	18.4	-6.5	501.4	999.9	99.9	999.9	142.6	102.
66.5	145.0	20720.4	48.0	-59.2	99.9	280.7	68.0*	66.8	-12.7	509.8	999.9	99.9	999.9	143.5	102.
67.6	146.0	20985.9	46.0	-61.2	99.9	257.9	11.5*	11.2	2.4	511.4	999.9	99.9	999.9	150.2	102.
68.7	147.0	21403.9	43.0	-61.9	99.9	46.3	1.9*	-1.4	-1.3	519.6	999.9	99.9	999.9	147.7	102.
69.8	148.0	21850.9	40.0	-62.4	99.9	264.9	7.8*	7.8	0.7	529.1	999.9	99.9	999.9	148.1	102.
70.9	149.0	22333.3	37.0	-61.3	99.9	259.8	8.1*	7.9	1.4	543.8	999.9	99.9	999.9	150.4	102.
72.5	150.0	22857.3	34.0	-61.9	99.9	277.5	19.1*	18.9	-2.5	555.7	999.9	99.9	999.9	150.4	102.
73.9	151.0	23232.9	32.0	-61.3	99.9	272.7	34.8*	34.8	-1.7	566.9	999.9	99.9	999.9	149.8	102.
75.2	152.0	23846.7	29.0	-59.2	99.9	279.3	29.7*	29.3	-4.8	588.8	999.9	99.9	999.9	154.8	101.
76.8	153.0	24530.9	26.0	-59.2	99.9	270.4	12.9*	12.9	-0.1	607.5	999.9	99.9	999.9	157.3	101.
78.5	154.0	25300.0	23.0	-58.7	99.9	248.0	13.6*	12.6	5.1	630.7	999.9	99.9	999.9	155.2	101.
80.2	155.0	26174.9	20.0	-60.1	99.9	272.1	54.3*	54.2	-2.0	652.2	999.9	99.9	999.9	159.2	101.
82.3	156.0	27197.9	17.0	-56.4	99.9	270.9	38.5*	38.5	-0.6	695.1	999.9	99.9	999.9	162.6	101.
84.6	157.0	27994.7	15.0	-55.3	99.9	130.5	14.2*	-10.8	9.2	724.2	999.9	99.9	999.9	165.2	100.
87.3	158.0	29431.0	12.0	-51.5	99.9	999.9	99.9	99.9	99.9	785.2	999.9	99.9	999.9	999.9	999.

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
2015 GMT

153 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	399.0	979.3	-0.2	-11.5	340.0	6.7	2.3	-6.3	274.8	279.1	1.6	42.0	0.0	0.
0.3	8.0	483.5	969.0	-1.2	-10.6	326.6	9.7	5.3	-8.1	274.7	279.3	1.8	48.6	0.4	151.
0.7	9.0	574.3	958.0	-2.4	-10.9	326.2	9.2	5.1	-7.6	274.3	278.9	1.7	52.2	0.5	150.
1.0	10.0	657.5	948.0	-3.2	-11.3	325.5	8.5	4.8	-7.0	274.3	278.8	1.7	53.7	0.7	149.
1.3	11.0	775.0	934.0	-4.3	-11.6	328.8	8.2	4.3	-7.0	274.3	278.8	1.7	56.7	0.8	148.
1.6	12.0	868.1	923.0	-5.8	-12.4	331.1	8.3	4.0	-7.2	273.7	278.0	1.6	59.9	0.9	148.
1.8	13.0	944.7	914.0	-6.9	-12.5	330.9	8.7	4.2	-7.6	273.4	277.6	1.6	62.6	1.0	149.
2.0	14.0	1039.1	903.0	-7.8	-12.5	330.7	9.2	4.5	-8.0	273.4	277.7	1.6	68.8	1.1	150.
2.3	15.0	1134.3	892.0	-8.7	-12.3	325.4	10.6	6.0	-8.7	273.5	277.9	1.7	74.8	1.3	149.
2.6	16.0	1247.9	879.0	-9.8	-12.3	324.9	12.0	6.9	-9.8	273.4	277.9	1.7	82.1	1.5	148.
2.9	17.0	1336.3	869.0	-9.4	-14.0	330.9	13.5	6.5	-11.8	274.7	278.8	1.5	69.2	1.8	147.
3.1	18.0	1435.1	858.0	-7.5	-16.0	335.7	14.2	5.8	-12.9	277.7	281.1	1.2	48.0	1.9	148.
3.4	19.0	1526.7	848.0	-5.8	-15.4	344.6	15.0	4.0	-14.4	280.4	284.2	1.4	46.5	2.2	150.
3.6	20.0	1619.9	838.0	-4.5	-14.0	346.8	15.3	3.5	-14.9	282.8	287.1	1.5	47.2	2.4	151.
4.0	21.0	1733.8	826.0	-3.2	-12.8	345.0	15.0	3.9	-14.5	285.3	290.1	1.7	47.5	2.7	154.
4.4	22.0	1830.3	816.0	-2.8	-13.2	337.5	15.5	5.9	-14.3	286.8	291.6	1.7	44.4	3.1	154.
4.7	23.0	1937.9	805.0	-2.9	-13.8	334.5	16.3	7.0	-14.7	287.7	292.4	1.6	42.8	3.4	154.
5.1	24.0	2026.9	796.0	-3.2	-14.1	332.6	17.2	7.9	-15.3	288.3	292.9	1.6	42.6	3.8	154.
5.4	25.0	2137.0	785.0	-3.4	-15.0	332.1	16.8	7.9	-14.9	289.3	293.6	1.5	40.1	4.1	154.
5.9	26.0	2248.5	774.0	-3.9	-16.7	332.3	16.4	7.6	-14.5	289.9	293.9	1.4	36.8	4.6	154.
6.3	27.0	2351.0	764.0	-4.6	-17.7	331.7	17.4	8.3	-15.3	290.2	293.8	1.2	35.1	5.0	154.
6.7	28.0	2454.6	754.0	-4.9	-18.6	330.7	18.5	9.0	-16.1	290.9	294.4	1.2	33.3	5.4	154.
7.1	29.0	2548.9	745.0	-5.7	-22.0	329.8	19.0	9.6	-16.4	291.0	293.7	0.9	26.3	5.9	153.
7.3	30.0	2654.7	735.0	-6.3	-22.1	329.3	18.9	9.6	-16.2	291.5	294.1	0.9	27.1	6.1	153.
7.7	31.0	2750.9	726.0	-7.0	-22.0	328.6	18.4	9.6	-15.7	291.7	294.2	0.8	27.1	6.6	153.
8.0	32.0	2848.0	717.0	-7.9	-23.5	328.2	17.7	9.3	-15.0	291.8	294.2	0.8	27.1	6.9	153.
8.3	33.0	2957.0	707.0	-8.7	-24.0	328.5	17.1	8.9	-14.6	292.1	294.5	0.8	27.5	7.2	152.
8.6	34.0	3056.2	698.0	-9.4	-24.2	328.9	16.4	8.5	-14.0	292.4	294.7	0.8	28.3	7.5	152.
8.9	35.0	3167.5	688.0	-10.6	-25.3	329.3	15.6	8.0	-13.4	292.3	294.4	0.7	28.4	7.8	152.
9.3	36.0	3280.0	678.0	-11.4	-25.7	328.1	14.5	7.7	-12.3	292.6	294.7	0.7	29.4	8.2	152.
9.6	37.0	3393.8	668.0	-11.7	-27.5	325.6	14.2	8.0	-11.7	293.5	295.3	0.6	25.4	8.4	152.
10.0	38.0	3486.0	660.0	-12.4	-28.1	320.2	14.7	9.4	-11.3	293.7	295.4	0.6	25.5	8.6	152.
10.3	39.0	3602.6	650.0	-12.7	-30.7	315.3	16.4	11.6	-11.7	294.6	296.1	0.5	20.5	8.9	151.
10.6	40.0	3697.0	642.0	-13.0	-34.5	311.0	18.5	13.9	-12.1	295.3	296.3	0.3	14.4	9.3	151.
11.1	41.0	3828.8	631.0	-12.9	-35.9	304.1	22.7	18.8	-12.7	296.9	297.9	0.3	12.4	9.8	150.
11.4	42.0	3926.0	623.0	-13.1	-37.4	299.8	25.5	22.1	-12.7	297.7	298.5	0.2	10.9	10.2	149.
11.7	43.0	4036.8	614.0	-13.3	-39.0	295.6	28.0	25.3	-12.1	298.8	299.5	0.2	9.3	10.6	147.
12.0	44.0	4149.3	605.0	-13.3	-39.0	291.7	30.6	28.4	-11.3	300.0	300.7	0.2	9.3	11.1	146.
12.4	45.0	4263.6	596.0	-12.3	-38.4	286.8	32.9	31.5	-9.5	302.5	303.2	0.2	9.1	11.8	143.
12.7	46.0	4367.1	588.0	-11.0	-38.2	283.8	34.5	33.5	-8.2	305.1	305.9	0.2	8.4	12.2	142.
13.1	47.0	4472.3	580.0	-11.1	-37.7	280.8	36.4	35.7	-6.8	306.2	307.0	0.3	9.0	12.9	139.
13.4	48.0	4579.0	572.0	-10.7	-37.4	279.5	37.8	37.3	-6.3	307.9	308.8	0.3	8.9	13.4	137.
13.7	49.0	4701.2	563.0	-9.4	-30.8	279.1	38.9	38.5	-6.1	310.9	312.6	0.5	15.5	13.9	135.
14.1	50.0	4811.7	555.0	-10.0	-30.9	279.2	40.1	39.6	-6.4	311.5	313.2	0.5	16.0	14.7	133.
14.5	51.0	4951.5	545.0	-11.4	-31.1	280.0	40.7	40.1	-7.1	311.4	313.0	0.5	16.7	15.6	131.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
2015 GMT

153 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.8	52.0	5064.7	537.0	-12.1	-32.7	281.0	41.0	40.2	-7.8	311.8	313.4	0.5	16.8	16.2	130.
15.2	53.0	5164.9	530.0	-13.3	-32.3	282.1	41.2	40.3	-8.6	311.6	313.2	0.5	18.3	17.1	128.
15.6	54.0	5295.0	521.0	-14.3	-30.9	282.9	41.1	40.1	-9.1	312.0	313.8	0.6	22.8	18.0	127.
16.0	55.0	5397.5	514.0	-15.2	-30.0	283.1	40.6	39.5	-9.2	312.0	314.1	0.6	26.7	18.9	126.
16.4	56.0	5545.5	504.0	-16.6	-30.4	283.1	40.4	39.3	-9.1	312.1	314.1	0.6	28.9	19.8	125.
16.8	57.0	5650.5	497.0	-17.4	-30.0	283.2	40.9	39.8	-9.3	312.4	314.4	0.6	30.6	20.7	124.
17.3	58.0	5772.2	489.0	-17.2	-33.7	283.8	42.2	41.0	-10.0	314.1	315.7	0.5	23.0	21.8	123.
17.6	59.0	5895.9	481.0	-17.2	-34.4	284.4	43.2	41.8	-10.7	315.6	317.1	0.4	20.5	22.6	122.
18.0	60.0	6005.7	474.0	-17.7	-34.7	285.6	44.8	43.1	-12.0	316.3	317.7	0.4	20.9	23.5	121.
18.4	61.0	6116.9	467.0	-18.5	-35.3	286.9	45.9	43.9	-13.3	316.6	318.0	0.4	21.0	24.6	120.
18.7	62.0	6245.6	459.0	-19.2	-35.9	287.4	46.2	44.0	-13.8	317.3	318.6	0.4	21.1	25.5	120.
19.1	63.0	6376.2	451.0	-20.1	-36.7	287.6	46.0	43.8	-13.9	317.7	319.0	0.4	21.1	26.6	120.
19.5	64.0	6492.0	444.0	-20.9	-36.5	287.0	45.5	43.5	-13.3	318.1	319.4	0.4	22.1	27.6	119.
19.9	65.0	6609.2	437.0	-21.6	-37.8	285.7	45.9	44.2	-12.5	318.7	319.9	0.3	21.3	28.7	119.
20.4	66.0	6745.0	429.0	-22.9	-39.7	284.1	46.9	45.5	-11.4	318.7	319.7	0.3	19.7	29.9	118.
20.8	67.0	6865.4	422.0	-23.9	-39.9	282.7	46.6	45.4	-10.3	319.0	320.0	0.3	21.1	31.2	117.
21.2	68.0	6987.3	415.0	-24.9	-39.9	281.5	45.9	45.0	-9.2	319.2	320.2	0.3	23.2	32.3	117.
21.6	69.0	7110.8	408.0	-25.8	-40.0	280.8	45.8	45.0	-8.6	319.6	320.6	0.3	24.8	33.2	116.
22.1	70.0	7218.0	402.0	-26.6	-40.8	281.1	48.0	47.1	-9.2	319.9	320.8	0.3	24.5	34.5	116.
22.6	71.0	7381.1	393.0	-27.8	-41.8	281.6	49.3	48.3	-10.0	320.4	321.3	0.2	24.5	36.1	115.
23.1	72.0	7509.9	386.0	-29.1	-42.5	281.0	47.5	46.6	-9.1	320.4	321.2	0.2	25.7	37.5	115.
23.5	73.0	7621.7	380.0	-30.0	-42.6	279.7	44.9	44.3	-7.6	320.6	321.4	0.2	27.8	38.6	114.
23.9	74.0	7753.8	373.0	-31.2	-42.4	278.3	44.2*	43.7	-6.3	320.7	321.6	0.2	32.0	39.6	114.
24.4	75.0	7868.6	367.0	-32.0	-43.0	276.9	45.9*	45.6	-5.5	321.2	322.0	0.2	32.1	40.7	113.
24.8	76.0	8004.4	360.0	-33.0	-44.0	276.2	48.4*	48.1	-5.2	321.6	322.3	0.2	32.1	41.9	113.
25.2	77.0	8122.3	354.0	-34.1	-44.5	275.8	50.6*	50.4	-5.1	321.7	322.4	0.2	32.1	43.1	112.
25.6	78.0	8241.8	348.0	-35.2	-45.7	275.8	52.2*	52.0	-5.3	321.7	322.3	0.2	33.1	44.2	112.
26.0	79.0	8362.8	342.0	-35.9	-46.3	276.3	53.2*	52.9	-5.8	322.4	323.0	0.2	32.9	45.6	112.
26.4	80.0	8485.5	336.0	-37.0	99.9	276.7	52.1*	51.7	-6.1	322.7	999.9	99.9	999.9	46.6	111.
26.9	81.0	8651.8	328.0	-38.2	99.9	275.4	47.0*	46.8	-4.4	323.3	999.9	99.9	999.9	48.4	111.
27.3	82.0	8778.6	322.0	-39.1	99.9	271.3	41.6*	41.6	-1.0	323.7	999.9	99.9	999.9	49.4	110.
27.7	83.0	8907.3	316.0	-40.3	99.9	266.1	39.2*	39.1	2.6	323.7	999.9	99.9	999.9	50.1	110.
28.1	84.0	9037.8	310.0	-41.1	99.9	263.8	41.6*	41.3	4.5	324.4	999.9	99.9	999.9	50.8	110.
28.5	85.0	9148.0	305.0	-42.6	99.9	267.4	49.9*	49.8	2.3	323.8	999.9	99.9	999.9	51.5	109.
29.1	86.0	9326.9	297.0	-44.0	99.9	275.2	63.3*	63.1	-5.7	324.3	999.9	99.9	999.9	53.5	108.
29.5	87.0	9417.7	293.0	-45.1	99.9	277.6	65.0*	64.4	-8.6	324.0	999.9	99.9	999.9	55.9	108.
29.9	88.0	9555.7	287.0	-46.0	99.9	277.6	59.0*	58.5	-7.8	324.6	999.9	99.9	999.9	57.2	108.
30.4	89.0	9695.9	281.0	-47.2	99.9	277.0	53.3*	52.9	-6.5	324.9	999.9	99.9	999.9	58.3	107.
30.7	90.0	9814.4	276.0	-48.3	99.9	276.5	51.1*	50.8	-5.8	324.9	999.9	99.9	999.9	59.4	107.
31.2	91.0	9958.8	270.0	-49.2	99.9	276.0	49.7*	49.4	-5.2	325.7	999.9	99.9	999.9	61.2	107.
31.6	92.0	10081.2	265.0	-50.1	99.9	276.4	52.1*	51.8	-5.8	326.2	999.9	99.9	999.9	61.9	107.
32.1	93.0	10255.6	258.0	-51.5	99.9	278.2	63.5*	62.8	-9.1	326.5	999.9	99.9	999.9	63.3	107.
32.5	94.0	10382.3	253.0	-52.7	99.9	279.6	74.6*	73.5	-12.5	326.5	999.9	99.9	999.9	65.2	106.
32.9	95.0	10510.8	248.0	-54.0	99.9	280.5	75.2*	73.9	-13.7	326.6	999.9	99.9	999.9	67.3	106.
33.4	96.0	10694.1	241.0	-55.2	99.9	280.7	63.4*	62.3	-11.8	327.4	999.9	99.9	999.9	70.0	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
2015 GMT

153 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
33.9	97.0	10827.4	236.0	-56.7	99.9	279.1	47.1*	46.5	-7.5	327.2	999.9	99.9	999.9	71.3	106.
34.3	98.0	10962.8	231.0	-58.0	99.9	277.2	40.3*	40.0	-5.0	327.2	999.9	99.9	999.9	72.1	106.
34.8	99.0	11100.4	226.0	-59.0	99.9	277.0	41.8*	41.5	-5.1	327.7	999.9	99.9	999.9	73.1	106.
35.2	100.0	11240.4	221.0	-60.2	99.9	278.8	48.4*	47.9	-7.4	328.0	999.9	99.9	999.9	73.9	105.
35.7	101.0	11411.9	215.0	-60.7	99.9	281.2	56.4*	55.3	-10.9	329.8	999.9	99.9	999.9	75.7	105.
36.2	102.0	11526.9	211.0	-60.3	99.9	283.3	59.4*	57.8	-13.7	332.1	999.9	99.9	999.9	77.8	105.
36.6	103.0	11678.9	206.0	-58.8	99.9	285.0	60.7*	58.6	-15.7	336.8	999.9	99.9	999.9	78.8	105.
37.0	104.0	11802.0	202.0	-59.0	99.9	286.3	63.9*	61.3	-17.9	338.4	999.9	99.9	999.9	80.4	105.
37.5	105.0	11959.2	197.0	-59.0	99.9	285.8	70.6*	67.9	-19.2	340.9	999.9	99.9	999.9	82.5	105.
38.0	106.0	12088.0	193.0	-58.8	99.9	284.0	70.8*	68.7	-17.1	343.1	999.9	99.9	999.9	84.3	105.
38.5	107.0	12253.1	188.0	-58.0	99.9	281.6	54.9*	53.8	-11.1	347.1	999.9	99.9	999.9	87.6	105.
39.1	108.0	12388.8	184.0	-57.5	99.9	275.0	30.3*	30.2	-2.7	350.0	999.9	99.9	999.9	88.4	105.
39.6	109.0	12527.5	180.0	-57.8	99.9	266.8	23.0*	23.0	1.3	351.7	999.9	99.9	999.9	88.5	105.
40.2	110.0	12705.8	175.0	-56.5	99.9	266.2	23.7*	23.7	1.6	356.7	999.9	99.9	999.9	89.7	105.
40.8	111.0	12890.1	170.0	-55.7	99.9	273.5	24.8*	24.8	-1.5	361.0	999.9	99.9	999.9	90.3	105.
41.3	112.0	13041.8	166.0	-55.4	99.9	280.9	32.4*	31.8	-6.1	364.0	999.9	99.9	999.9	91.0	105.
41.7	113.0	13197.2	162.0	-55.9	99.9	283.7	43.3*	42.1	-10.3	365.7	999.9	99.9	999.9	91.9	105.
42.3	114.0	13356.1	158.0	-56.7	99.9	285.1	62.4*	60.3	-16.3	367.0	999.9	99.9	999.9	93.7	105.
42.8	115.0	13477.4	155.0	-57.3	99.9	285.8	70.8*	68.1	-19.3	367.9	999.9	99.9	999.9	95.8	105.
43.4	116.0	13683.9	150.0	-59.0	99.9	286.4	63.0*	60.4	-17.8	368.5	999.9	99.9	999.9	99.6	105.
44.1	117.0	13853.4	146.0	-59.1	99.9	286.8	50.5*	48.4	-14.6	371.1	999.9	99.9	999.9	100.3	105.
44.7	118.0	14027.5	142.0	-59.5	99.9	287.4	44.8*	42.7	-13.4	373.4	999.9	99.9	999.9	103.0	105.
45.3	119.0	14161.2	139.0	-59.1	99.9	287.4	40.6*	38.7	-12.1	376.3	999.9	99.9	999.9	104.1	105.
45.8	120.0	14344.2	135.0	-59.3	99.9	286.6	47.8*	45.9	-13.7	379.2	999.9	99.9	999.9	104.7	105.
46.4	121.0	14484.5	132.0	-60.7	99.9	285.7	58.5*	56.3	-15.8	379.2	999.9	99.9	999.9	108.0	105.
46.9	122.0	14675.9	128.0	-60.9	99.9	284.8	65.0*	62.8	-16.6	382.2	999.9	99.9	999.9	108.7	105.
47.4	123.0	14823.3	125.0	-61.2	99.9	283.5	74.0*	71.9	-17.3	384.2	999.9	99.9	999.9	110.7	105.
48.0	124.0	15024.7	121.0	-62.3	99.9	281.6	79.6*	78.0	-16.0	385.8	999.9	99.9	999.9	115.3	105.
48.6	125.0	15179.9	118.0	-61.9	99.9	280.5	65.5*	64.4	-12.0	389.3	999.9	99.9	999.9	115.9	105.
49.3	126.0	15393.2	114.0	-62.1	99.9	274.1	15.3*	15.3	-1.1	392.8	999.9	99.9	999.9	120.2	105.
49.9	127.0	15558.0	111.0	-62.3	99.9	123.0	7.5*	-6.3	4.1	395.5	999.9	99.9	999.9	117.1	105.
50.5	128.0	15727.1	108.0	-62.6	99.9	276.7	17.6*	17.5	-2.1	397.9	999.9	99.9	999.9	118.9	105.
51.2	129.0	15900.4	105.0	-63.7	99.9	281.6	58.6*	57.5	-11.8	399.0	999.9	99.9	999.9	119.4	105.
51.7	130.0	16078.1	102.0	-64.1	99.9	281.0	77.9*	76.4	-14.9	401.6	999.9	99.9	999.9	122.1	104.
52.4	131.0	16322.5	98.0	-65.0	99.9	277.9	62.5*	61.9	-8.6	404.4	999.9	99.9	999.9	126.1	104.
53.1	132.0	16511.6	95.0	-66.0	99.9	231.4	10.9*	8.5	6.8	406.2	999.9	99.9	999.9	128.5	104.
53.7	133.0	16706.2	92.0	-66.2	99.9	160.7	11.5*	-3.8	10.9	409.5	999.9	99.9	999.9	126.0	104.
54.3	134.0	16906.9	89.0	-66.8	99.9	258.4	19.3*	18.9	3.9	412.2	999.9	99.9	999.9	126.3	104.
55.0	135.0	17044.0	87.0	-67.6	99.9	277.6	48.0*	47.6	-6.4	413.3	999.9	99.9	999.9	128.4	104.
55.8	136.0	17255.4	84.0	-67.4	99.9	280.2	51.3*	50.5	-9.1	417.9	999.9	99.9	999.9	131.0	104.
56.6	137.0	17549.4	80.0	-67.6	99.9	281.7	29.3*	28.7	-5.9	423.4	999.9	99.9	999.9	133.3	104.
57.4	138.0	17779.7	77.0	-67.2	99.9	283.5	26.6*	25.9	-6.2	428.8	999.9	99.9	999.9	133.6	104.
58.3	139.0	18019.3	74.0	-67.6	99.9	281.6	28.1*	27.5	-5.6	432.9	999.9	99.9	999.9	135.0	104.
59.1	140.0	18268.7	71.0	-67.2	99.9	275.6	32.6*	32.5	-3.2	438.9	999.9	99.9	999.9	137.4	104.
60.1	141.0	18529.9	68.0	-66.0	99.9	126.7	16.6*	-13.3	5.9	446.9	999.9	99.9	999.9	137.2	103.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
2015 GMT

153 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.9	142.0	18806.1	65.0	-62.4	99.9	110.1	26.4*	-24.8	9.1	460.5	999.9	99.9	999.9	136.4	103.
61.8	143.0	19097.7	62.0	-62.4	99.9	273.7	35.1*	35.0	-2.3	466.7	999.9	99.9	999.9	135.4	103.
62.7	144.0	19403.0	59.0	-63.5	99.9	275.0	46.7*	46.5	-4.1	471.0	999.9	99.9	999.9	139.8	103.
63.7	145.0	19724.8	56.0	-61.7	99.9	273.7	18.0*	18.0	-1.2	482.2	999.9	99.9	999.9	141.0	103.
64.8	146.0	20066.7	53.0	-60.7	99.9	103.2	21.5*	-20.9	4.9	492.2	999.9	99.9	999.9	140.5	103.
65.9	147.0	20306.3	51.0	-60.3	99.9	282.9	39.3*	38.3	-8.8	498.5	999.9	99.9	999.9	140.6	103.
66.9	148.0	20683.4	48.0	-61.2	99.9	282.6	37.0*	36.1	-8.1	505.1	999.9	99.9	999.9	144.6	103.
67.9	149.0	21083.4	45.0	-61.9	99.9	271.6	13.4*	13.4	-0.4	512.8	999.9	99.9	999.9	144.5	103.
69.1	150.0	21510.7	42.0	-61.6	99.9	260.5	14.2*	14.0	2.3	523.9	999.9	99.9	999.9	148.2	103.
70.4	151.0	21814.1	40.0	-60.2	99.9	112.8	20.2*	-18.6	7.8	534.8	999.9	99.9	999.9	144.4	103.
71.5	152.0	22298.9	37.0	-61.6	99.9	280.8	34.3*	33.7	-6.4	543.3	999.9	99.9	999.9	145.3	103.
72.7	153.0	22823.4	34.0	-61.2	99.9	285.9	32.3*	31.1	-8.8	557.5	999.9	99.9	999.9	148.4	103.
74.1	154.0	23198.6	32.0	-62.6	99.9	273.3	26.4*	26.3	-1.5	563.4	999.9	99.9	999.9	149.6	103.
75.6	155.0	23808.2	29.0	-60.9	99.9	269.4	18.8*	18.8	0.2	584.4	999.9	99.9	999.9	152.9	102.
76.9	156.0	24251.8	27.0	-61.6	99.9	131.7	6.6*	-4.9	4.4	594.5	999.9	99.9	999.9	152.6	102.
78.6	157.0	24981.2	24.0	-61.9	99.9	255.8	20.4*	19.7	5.0	613.9	999.9	99.9	999.9	153.0	102.
80.3	158.0	25816.8	21.0	-57.1	99.9	272.3	44.7	44.7	-1.8	652.1	999.9	99.9	999.9	156.4	102.
82.3	159.0	26449.1	19.0	-57.8	99.9	999.9	99.9	99.9	99.9	669.0	999.9	99.9	999.9	999.9	999.

STATION NO. 260  
STEP-ENVILLE, TEX

6 FEBRUARY 1975  
2315 GMT

149 20. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	399.0	979.1	-1.3	-11.7	340.0	5.1	1.7	-4.8	273.7	278.0	1.6	45.0	0.0	0.
0.3	8.0	465.1	971.0	-2.5	-11.7	311.8	10.5	7.6	-7.3	273.1	277.4	1.6	49.0	0.3	165.
0.7	9.0	555.3	960.0	-3.3	-12.0	316.4	10.7	7.4	-7.7	273.2	277.5	1.6	50.7	0.4	156.
1.1	10.0	646.4	949.0	-4.2	-11.9	321.2	10.9	6.8	-8.5	273.2	277.5	1.6	54.6	0.7	149.
1.5	11.0	763.4	935.0	-4.8	-12.2	325.6	10.9	6.1	-9.0	273.8	278.0	1.6	56.1	0.9	148.
1.8	12.0	856.4	924.0	-5.9	-12.3	325.7	10.6	6.0	-8.7	273.6	277.9	1.6	60.2	1.1	148.
2.2	13.0	950.1	913.0	-6.8	-12.2	327.0	10.7	5.8	-9.0	273.6	278.0	1.6	65.1	1.4	147.
2.5	14.0	1044.6	902.0	-7.4	-12.5	328.9	11.3	5.8	-9.6	274.0	278.3	1.6	66.5	1.6	147.
2.9	15.0	1140.2	891.0	-7.8	-15.0	340.3	14.5	4.9	-13.6	274.4	278.0	1.3	55.9	1.9	148.
3.3	16.0	1255.2	878.0	-4.7	-15.0	350.3	15.7	2.8	-16.5	278.8	282.6	1.4	43.9	2.3	151.
3.5	17.0	1354.7	867.0	-3.1	-13.5	354.9	17.8	1.6	-17.7	281.5	285.8	1.6	44.6	2.5	153.
3.8	18.0	1446.6	857.0	-2.8	-13.2	356.8	17.3	1.0	-17.3	282.7	287.2	1.6	44.6	2.7	156.
4.2	19.0	1549.1	846.0	-2.3	-13.7	356.3	17.2	1.1	-17.2	284.3	288.7	1.6	41.2	3.1	159.
4.5	20.0	1643.5	836.0	-2.2	-15.6	353.8	17.6	1.9	-17.5	285.4	289.2	1.4	34.8	3.4	160.
4.9	21.0	1758.4	824.0	-2.0	-19.6	355.7	17.8	1.3	-17.7	286.7	289.5	1.0	24.0	3.8	161.
5.2	22.0	1865.1	813.0	-2.3	-19.1	355.4	18.6	1.5	-18.5	287.4	290.5	1.0	26.1	4.2	163.
5.6	23.0	1963.2	803.0	-2.8	-19.9	353.7	19.5	2.1	-19.4	288.0	290.8	1.0	25.3	4.6	164.
5.8	24.0	2072.4	792.0	-3.4	-21.4	352.4	18.9	2.5	-18.8	288.4	291.0	0.9	23.2	4.9	164.
6.3	25.0	2172.7	782.0	-3.9	-21.6	346.8	16.0	3.6	-15.5	289.0	291.6	0.9	23.7	5.4	165.
6.7	26.0	2294.7	770.0	-4.0	-21.5	340.9	14.5	4.7	-13.7	290.1	292.7	0.9	24.1	5.7	165.
7.1	27.0	2397.7	760.0	-4.7	-22.6	337.6	14.6	5.6	-13.5	290.5	293.0	0.8	22.9	6.1	164.
7.5	28.0	2501.8	750.0	-5.1	-21.6	339.0	14.8	5.3	-13.8	291.1	293.8	0.9	25.4	6.4	164.
7.9	29.0	2607.1	740.0	-5.9	-21.6	337.3	14.1	5.4	-13.0	291.4	294.2	0.9	27.4	6.8	164.
8.2	30.0	2713.7	730.0	-6.2	-23.9	335.2	13.3	5.6	-12.1	292.2	294.5	0.8	23.0	7.1	164.
8.6	31.0	2810.7	721.0	-6.5	-25.7	331.7	12.2	5.8	-10.8	292.9	294.9	0.6	19.9	7.3	163.
8.9	32.0	2908.7	712.0	-7.1	-26.4	328.8	11.5	6.0	-9.8	293.3	295.2	0.6	19.5	7.5	163.
9.3	33.0	3029.9	701.0	-7.8	-27.2	325.7	10.6	6.0	-8.7	293.8	295.6	0.6	19.1	7.8	162.
9.6	34.0	3130.2	692.0	-8.7	-28.7	323.8	9.9	5.9	-8.0	293.9	295.5	0.5	17.8	8.0	162.
9.9	35.0	3221.5	683.0	-9.6	-29.4	322.3	9.3	5.7	-7.4	294.0	295.5	0.5	17.9	8.1	161.
10.4	36.0	3368.2	671.0	-10.6	-30.5	320.9	8.9	5.6	-6.9	294.4	295.8	0.4	17.5	8.4	161.
10.7	37.0	3471.9	662.0	-11.1	-31.2	320.8	9.3	5.9	-7.2	294.9	296.2	0.4	17.1	8.5	161.
11.1	38.0	3576.8	653.0	-12.0	-31.9	320.8	10.6	6.7	-8.2	295.0	296.3	0.4	17.2	8.7	160.
11.4	39.0	3682.9	644.0	-12.8	-33.1	320.1	12.0	7.7	-9.2	295.2	296.4	0.4	16.4	8.9	160.
11.7	40.0	3790.1	635.0	-13.3	-37.5	317.4	13.7	9.2	-10.1	295.9	296.7	0.2	10.9	9.1	159.
12.2	41.0	3923.3	624.0	-12.7	-42.0	310.8	16.9	12.8	-11.0	298.1	298.6	0.1	6.5	9.5	158.
12.6	42.0	4034.1	615.0	-12.7	-44.8	304.6	19.9	16.3	-11.3	299.3	299.7	0.1	4.8	9.9	157.
12.9	43.0	4146.6	606.0	-13.0	-44.9	300.0	22.3	19.3	-11.1	300.2	300.6	0.1	4.8	10.2	156.
13.2	44.0	4260.5	597.0	-13.5	-45.2	295.4	24.6	22.2	-10.6	300.9	301.2	0.1	4.9	10.6	155.
13.7	45.0	4375.9	588.0	-14.1	-49.2	288.8	28.6	27.1	-9.2	301.5	301.8	0.1	3.3	11.2	152.
14.1	46.0	4480.0	580.0	-13.0	-48.9	285.0	31.6	30.5	-8.2	304.0	304.3	0.1	3.1	11.7	149.
14.5	47.0	4586.3	572.0	-11.0	-50.4	282.6	34.1	33.3	-7.4	307.5	307.8	0.1	2.2	12.3	147.
14.8	48.0	4708.1	563.0	-11.0	-48.3	282.1	35.0	34.2	-7.3	308.9	309.2	0.1	2.8	12.8	144.
15.2	49.0	4817.9	555.0	-11.3	-36.2	282.4	35.9	35.0	-7.7	309.9	311.0	0.3	10.6	13.4	142.
15.6	50.0	4943.3	546.0	-11.4	-37.9	284.1	36.4	35.4	-8.8	311.2	312.1	0.3	9.0	14.1	139.
16.1	51.0	5070.7	537.0	-11.7	-38.6	287.7	37.4	35.7	-11.4	312.3	313.2	0.2	8.5	15.0	137.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
2315 GMT

149 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
16.4	52.0	5200.0	528.0	-12.4	-39.1	289.9	38.2	36.0	-13.0	313.0	313.8	0.2	8.6	15.6	136.
16.8	53.0	5331.1	519.0	-13.3	-39.0	292.1	39.2	36.4	-14.8	313.5	314.4	0.2	9.3	16.4	135.
17.2	54.0	5434.2	512.0	-14.5	-38.4	293.4	39.9	36.6	-15.9	313.2	314.1	0.3	11.0	17.3	134.
17.5	55.0	5553.3	504.0	-15.5	-37.4	294.0	40.2	36.7	-16.4	313.4	314.5	0.3	13.2	18.1	133.
18.1	56.0	5704.2	494.0	-17.0	-37.8	293.8	40.1	36.7	-16.2	313.4	314.4	0.3	14.4	19.4	131.
18.4	57.0	5826.4	486.0	-18.2	-37.8	293.3	39.9	36.7	-15.8	313.3	314.4	0.3	16.0	20.1	131.
18.8	58.0	5950.1	478.0	-19.3	-38.3	292.3	39.5	36.5	-15.0	313.5	314.5	0.3	16.6	21.0	130.
19.3	59.0	6075.4	470.0	-20.1	-37.3	290.9	38.8	36.3	-13.8	314.0	315.1	0.3	19.9	22.2	129.
19.7	60.0	6186.7	463.0	-19.8	-37.5	289.9	38.9	36.6	-13.2	315.7	316.8	0.3	18.9	23.0	128.
20.2	61.0	6299.8	456.0	-19.7	-39.6	289.3	40.5	38.2	-13.4	317.2	318.1	0.3	14.7	24.1	127.
20.5	62.0	6431.0	448.0	-20.4	-38.1	289.3	42.6	40.2	-14.0	318.0	319.1	0.3	18.6	25.0	127.
21.0	63.0	6564.2	440.0	-21.3	-37.6	289.2	44.4	41.9	-14.6	318.5	319.6	0.3	21.3	26.0	126.
21.4	64.0	6682.4	433.0	-22.0	-39.6	289.6	43.8	41.5	-14.0	319.1	320.0	0.3	18.3	27.2	125.
21.8	65.0	6802.0	426.0	-23.1	-41.2	287.8	42.3	40.3	-13.0	319.2	320.0	0.2	17.0	28.2	125.
22.3	66.0	6958.1	417.0	-24.3	-42.1	287.1	41.0	39.2	-12.1	319.6	320.4	0.2	17.1	29.3	124.
22.7	67.0	7081.3	410.0	-25.2	-43.6	287.1	41.5	39.6	-12.2	320.0	320.6	0.2	15.9	30.2	123.
23.2	68.0	7206.1	403.0	-26.2	-44.4	287.2	43.9	41.9	-13.0	320.2	320.8	0.2	16.0	31.4	123.
23.6	69.0	7350.8	395.0	-27.3	-45.3	286.7	45.8	43.9	-13.2	320.6	321.2	0.2	16.1	32.4	122.
24.0	70.0	7460.8	389.0	-28.3	-46.1	285.1	46.5	44.9	-12.2	320.6	321.2	0.2	16.2	33.6	122.
24.5	71.0	7628.3	380.0	-29.5	-47.0	282.0	45.4	44.4	-9.4	321.2	321.8	0.1	16.4	35.0	121.
24.9	72.0	7760.6	373.0	-30.8	-47.8	280.6	45.6	44.8	-8.4	321.2	321.7	0.1	17.0	35.8	120.
25.4	73.0	7875.5	367.0	-31.9	99.9	280.0	47.4	46.7	-8.2	321.4	999.9	99.9	999.9	37.1	120.
25.7	74.0	8011.3	360.0	-32.8	99.9	279.2	47.9	47.3	-7.6	321.9	999.9	99.9	999.9	38.0	119.
26.2	75.0	8149.1	353.0	-34.2	99.9	276.5	47.2	46.9	-5.4	321.9	999.9	99.9	999.9	39.5	119.
26.6	76.0	8268.8	347.0	-35.4	-43.7	273.5	45.7	45.6	-2.8	321.8	322.6	0.2	41.8	40.5	118.
27.0	77.0	8390.1	341.0	-36.3	-41.8	271.0	44.9	44.9	-0.8	322.2	323.2	0.3	56.1	41.1	117.
27.4	78.0	8533.6	334.0	-37.6	-41.5	270.6	45.7	45.7	-0.4	322.2	323.3	0.3	66.8	42.5	117.
27.8	79.0	8658.5	328.0	-39.6	-42.1	271.0	46.9	46.9	-0.8	322.6	323.6	0.3	69.0	43.3	116.
28.2	80.0	8785.0	322.0	-39.7	-42.9	271.3	47.8	47.8	-1.1	322.8	323.8	0.3	70.5	44.3	115.
28.7	81.0	8956.5	314.0	-41.3	99.9	270.4	47.7	47.7	-0.4	322.9	999.9	99.9	999.9	45.8	115.
29.2	82.0	9087.2	308.0	-42.5	99.9	268.0	45.7	45.7	1.6	323.0	999.9	99.9	999.9	47.0	114.
29.6	83.0	9219.8	302.0	-43.7	99.9	265.9	43.5*	43.4	3.1	323.2	999.9	99.9	999.9	48.0	113.
30.1	84.0	9354.4	296.0	-44.4	99.9	264.9	42.1*	42.0	3.7	324.1	999.9	99.9	999.9	49.1	113.
30.5	85.0	9468.2	291.0	-45.8	99.9	266.4	43.6*	43.5	2.7	323.6	999.9	99.9	999.9	49.7	112.
31.1	86.0	9653.4	283.0	-46.9	99.9	270.7	49.3*	49.3	-0.6	324.6	999.9	99.9	999.9	51.4	111.
31.4	87.0	9795.1	277.0	-48.0	99.9	272.0	51.2*	51.1	-1.8	325.1	999.9	99.9	999.9	52.3	111.
31.9	88.0	9914.9	272.0	-49.1	99.9	272.3	52.5*	52.5	-2.1	325.1	999.9	99.9	999.9	54.0	110.
32.4	89.0	10060.8	266.0	-50.5	99.9	271.7	53.3*	53.3	-1.6	325.2	999.9	99.9	999.9	55.0	110.
32.8	90.0	10184.4	261.0	-51.4	99.9	270.9	51.9*	51.9	-0.8	325.6	999.9	99.9	999.9	56.7	109.
33.4	91.0	10334.9	255.0	-52.8	99.9	268.8	46.2*	46.2	1.0	325.7	999.9	99.9	999.9	58.3	109.
33.9	92.0	10462.4	250.0	-53.9	99.9	268.3	44.2*	44.2	1.3	326.0	999.9	99.9	999.9	59.5	108.
34.3	93.0	10591.9	245.0	-55.0	99.9	270.8	48.8*	48.8	-0.6	326.2	999.9	99.9	999.9	60.4	108.
34.8	94.0	10749.9	239.0	-56.0	99.9	274.3	57.7*	57.6	-4.3	327.0	999.9	99.9	999.9	61.7	108.
35.2	95.0	10884.0	234.0	-57.3	99.9	275.9	62.3*	62.0	-6.4	327.0	999.9	99.9	999.9	63.5	107.
35.8	96.0	11047.6	228.0	-58.9	99.9	276.0	59.9*	59.6	-6.2	327.1	999.9	99.9	999.9	65.8	107.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
2315 GMT

149 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.2	97.0	11186.6	223.0	-59.5	99.9	275.4	53.7*	53.5	-5.1	328.1	999.9	99.9	999.9	67.1	107.
36.7	98.0	11328.5	218.0	-59.5	99.9	275.2	42.4*	42.2	-3.9	330.2	999.9	99.9	999.9	68.9	107.
37.2	99.0	11474.1	213.0	-58.2	99.9	277.0	30.8*	30.6	-3.8	334.6	999.9	99.9	999.9	69.8	106.
37.6	100.0	11593.9	209.0	-56.7	99.9	280.9	26.9*	26.5	-5.1	338.8	999.9	99.9	999.9	70.3	106.
38.2	101.0	11778.6	203.0	-56.7	99.9	285.0	40.7*	39.3	-10.5	341.6	999.9	99.9	999.9	70.8	106.
38.7	102.0	11936.6	198.0	-57.3	99.9	285.3	58.9*	56.8	-15.6	343.0	999.9	99.9	999.9	72.4	106.
39.2	103.0	12098.3	193.0	-57.2	99.9	285.4	67.8*	65.4	-18.0	345.8	999.9	99.9	999.9	74.9	106.
39.8	104.0	12230.9	189.0	-57.0	99.9	285.8	61.8*	59.4	-16.8	348.1	999.9	99.9	999.9	77.4	106.
40.4	105.0	12400.4	184.0	-57.5	99.9	284.6	52.3*	50.6	-13.2	350.0	999.9	99.9	999.9	79.5	106.
40.9	106.0	12539.2	180.0	-57.7	99.9	281.2	48.7*	47.8	-9.5	351.9	999.9	99.9	999.9	80.6	106.
41.4	107.0	12717.0	175.0	-57.8	99.9	278.0	45.5*	45.1	-6.3	354.5	999.9	99.9	999.9	82.4	106.
41.9	108.0	12862.8	171.0	-57.8	99.9	275.8	40.8*	40.6	-4.1	356.8	999.9	99.9	999.9	83.6	106.
42.4	109.0	13012.3	167.0	-57.2	99.9	274.9	39.4*	39.3	-3.4	360.4	999.9	99.9	999.9	84.5	106.
42.8	110.0	13165.8	163.0	-56.8	99.9	276.1	43.4*	43.2	-4.6	363.5	999.9	99.9	999.9	85.4	106.
43.4	111.0	13363.4	158.0	-56.5	99.9	279.0	48.8*	48.2	-7.7	367.3	999.9	99.9	999.9	86.8	105.
43.8	112.0	13526.1	154.0	-56.7	99.9	281.7	44.9*	44.0	-9.1	369.7	999.9	99.9	999.9	89.0	105.
44.3	113.0	13692.4	150.0	-58.2	99.9	285.7	38.5*	37.1	-10.4	369.9	999.9	99.9	999.9	89.6	105.
44.9	114.0	13862.4	146.0	-58.7	99.9	288.9	35.7*	33.7	-11.5	371.9	999.9	99.9	999.9	90.8	105.
45.5	115.0	14036.8	142.0	-59.0	99.9	288.8	32.0*	30.3	-10.3	374.2	999.9	99.9	999.9	93.1	106.
46.2	116.0	14215.3	138.0	-60.6	99.9	286.9	38.1*	36.4	-11.1	374.5	999.9	99.9	999.9	93.1	106.
46.8	117.0	14398.0	134.0	-61.7	99.9	286.5	53.8*	51.6	-15.2	375.7	999.9	99.9	999.9	94.8	106.
47.4	118.0	14585.6	130.0	-61.9	99.9	285.7	65.3*	62.8	-17.6	378.7	999.9	99.9	999.9	97.4	106.
47.9	119.0	14730.0	127.0	-62.1	99.9	284.8	62.1*	60.0	-15.9	380.9	999.9	99.9	999.9	99.7	106.
48.5	120.0	14927.7	123.0	-62.4	99.9	284.7	49.6*	48.0	-12.6	383.7	999.9	99.9	999.9	101.3	106.
49.1	121.0	15079.9	120.0	-63.0	99.9	285.3	48.0*	46.2	-12.7	385.4	999.9	99.9	999.9	103.3	106.
49.6	122.0	15235.6	117.0	-63.6	99.9	285.5	52.8*	50.8	-14.1	387.2	999.9	99.9	999.9	103.8	106.
50.2	123.0	15448.6	113.0	-64.5	99.9	285.5	46.5*	44.8	-12.4	389.2	999.9	99.9	999.9	107.2	106.
50.7	124.0	15612.8	110.0	-65.3	99.9	285.4	34.4*	33.2	-9.1	390.8	999.9	99.9	999.9	107.7	106.
51.3	125.0	15781.0	107.0	-65.7	99.9	285.0	24.6*	23.8	-6.4	393.1	999.9	99.9	999.9	108.9	106.
52.1	126.0	16011.8	103.0	-66.9	99.9	288.8	22.1*	20.9	-7.1	395.1	999.9	99.9	999.9	109.4	105.
52.6	127.0	16190.0	100.0	-67.7	99.9	290.4	21.0*	19.7	-7.3	396.9	999.9	99.9	999.9	110.0	105.
53.2	128.0	16373.3	97.0	-67.7	99.9	279.5	15.4*	15.2	-2.5	400.3	999.9	99.9	999.9	111.7	106.
53.9	129.0	16562.2	94.0	-68.0	99.9	269.5	37.7*	37.7	0.3	403.5	999.9	99.9	999.9	110.7	106.
54.5	130.0	16757.2	91.0	-67.7	99.9	269.6	54.8*	54.8	0.4	407.7	999.9	99.9	999.9	114.6	105.
55.4	131.0	17027.1	87.0	-69.6	99.9	278.2	50.4*	49.9	-7.2	411.3	999.9	99.9	999.9	115.3	105.
56.0	132.0	17237.3	84.0	-68.8	99.9	282.2	51.8*	50.6	-11.0	415.0	999.9	99.9	999.9	119.1	105.
56.7	133.0	17381.3	82.0	-69.5	99.9	283.5	27.4*	26.7	-6.4	416.5	999.9	99.9	999.9	120.1	105.
57.4	134.0	17604.6	79.0	-67.7	99.9	288.1	18.9*	17.9	-5.8	424.5	999.9	99.9	999.9	120.4	105.
58.0	135.0	17838.4	76.0	-66.3	99.9	290.1	36.7*	34.5	-12.6	432.3	999.9	99.9	999.9	120.2	105.
58.9	136.0	18082.7	73.0	-65.7	99.9	288.6	41.2*	39.0	-13.1	438.6	999.9	99.9	999.9	123.5	105.
59.8	137.0	18337.8	70.0	-65.5	99.9	277.0	17.4*	17.3	-2.1	444.3	999.9	99.9	999.9	126.4	105.
60.7	138.0	18604.1	67.0	-65.7	99.9	274.9	21.4*	21.3	-1.8	449.4	999.9	99.9	999.9	125.6	105.
61.4	139.0	18882.1	64.0	-66.3	99.9	270.9	14.6*	14.6	-0.2	454.0	999.9	99.9	999.9	127.5	105.
62.4	140.0	19173.1	61.0	-66.1	99.9	130.3	3.7*	-2.8	2.4	460.8	999.9	99.9	999.9	128.5	105.
63.3	141.0	19478.5	58.0	-66.7	99.9	129.5	4.7*	-3.6	3.0	466.1	999.9	99.9	999.9	126.1	105.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 FEBRUARY 1975  
2315 GMT

149 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.5	142.0	19801.8	55.0	-63.9	99.9	284.7	34.7*	33.5	-8.8	479.6	999.9	99.9	999.9	128.4	105.
65.6	143.0	20146.8	52.0	-62.4	99.9	289.4	33.4*	31.7	-10.5	490.8	999.9	99.9	999.9	130.6	105.
66.7	144.0	20514.2	49.0	-61.7	99.9	284.8	31.6*	30.5	-8.0	501.0	999.9	99.9	999.9	132.8	105.
67.8	145.0	20903.6	46.0	-63.7	99.9	274.8	12.3*	12.2	-1.0	505.2	999.9	99.9	999.9	134.3	105.
68.8	146.0	21175.4	44.0	-65.1	99.9	111.9	34.7*	-32.1	12.9	508.3	999.9	99.9	999.9	134.3	105.
70.0	147.0	21607.2	41.0	-63.7	99.9	266.7	16.7*	16.7	1.0	522.1	999.9	99.9	999.9	130.9	104.
71.2	148.0	22075.7	38.0	-61.5	99.9	272.5	22.7*	22.6	-1.0	539.3	999.9	99.9	999.9	134.3	104.
72.7	149.0	22410.9	36.0	-61.5	99.9	267.5	11.4*	11.4	0.5	547.7	999.9	99.9	999.9	136.5	104.
74.2	150.0	22950.8	33.0	-61.1	99.9	283.3	34.5*	33.5	-7.9	562.4	999.9	99.9	999.9	138.1	104.
75.6	151.0	23539.8	30.0	-63.2	99.9	215.2	2.1*	1.2	1.8	572.4	999.9	99.9	999.9	138.0	104.
77.2	152.0	24190.1	27.0	-61.7	99.9	194.6	9.0*	2.3	8.7	594.1	999.9	99.9	999.9	139.3	104.
79.1	153.0	24669.8	25.0	-59.0	99.9	243.0	12.8*	11.4	5.8	615.0	999.9	99.9	999.9	139.1	103.
81.0	154.0	25468.7	22.0	-60.6	99.9	279.7	54.0*	53.4	-8.1	633.2	999.9	99.9	999.9	144.1	103.
83.1	155.0	26061.8	20.0	-60.8	99.9	999.9	99.9	99.9	99.9	650.1	999.9	99.9	999.9	999.9	999.

STATION NO. 260  
STEPHENVILLE, TEX

7 FEBRUARY 1975  
515 GMT

146 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	399.0	980.0	-5.1	-10.6	320.0	2.1	1.3	-1.6	269.8	274.4	1.7	65.0	0.0	0.
0.2	8.0	488.0	969.0	-3.7	-9.4	330.1	10.7	5.4	-9.3	272.2	277.2	1.9	64.3	0.2	153.
0.6	9.0	578.2	958.0	-3.8	-10.0	330.4	10.6	5.2	-9.2	272.9	277.8	1.9	62.2	0.3	152.
0.9	10.0	677.8	946.0	-3.5	-11.2	331.4	10.1	4.8	-8.9	274.2	278.7	1.7	55.2	0.4	151.
1.4	11.0	796.0	932.0	-1.8	-13.8	337.6	8.9	3.4	-8.3	277.0	280.9	1.4	39.2	0.7	152.
1.7	12.0	890.4	921.0	-2.3	-14.7	343.6	9.0	2.5	-8.7	277.5	281.2	1.3	37.9	0.9	153.
2.1	13.0	954.5	909.0	-2.3	-19.0	350.2	9.7	1.7	-9.6	278.5	281.1	0.9	26.3	1.1	156.
2.4	14.0	1091.2	898.0	-2.3	-15.2	351.9	10.2	1.4	-10.1	279.5	283.1	1.3	36.2	1.3	159.
2.7	15.0	1189.1	887.0	-1.6	-17.2	352.0	10.4	1.4	-10.3	281.1	284.3	1.1	29.3	1.5	160.
3.2	16.0	1324.9	872.0	-1.3	-29.3	351.4	11.6	1.7	-11.4	282.7	283.9	0.4	9.7	1.8	162.
3.6	17.0	1416.8	862.0	-0.9	-22.5	350.7	13.5	2.2	-13.4	284.2	286.3	0.7	17.4	2.1	164.
3.9	18.0	1528.8	850.0	-0.5	-19.6	348.7	14.4	2.8	-14.1	285.7	288.5	0.9	22.0	2.3	165.
4.2	19.0	1632.7	839.0	-1.3	-19.6	346.2	14.3	3.4	-13.9	285.9	288.7	1.0	23.3	2.6	165.
4.6	20.0	1728.1	829.0	-2.0	-21.0	344.0	13.8	3.8	-13.3	286.2	288.8	0.9	21.6	2.9	165.
5.1	21.0	1863.4	815.0	-2.4	-21.8	346.4	14.2	3.3	-13.8	287.1	289.5	0.8	20.8	3.3	165.
5.5	22.0	1971.2	804.0	-2.1	-23.5	346.3	15.5	3.7	-15.1	288.6	290.7	0.7	17.5	3.7	165.
5.7	23.0	2070.7	794.0	-1.8	-23.3	344.0	14.9	4.1	-14.4	289.9	292.2	0.7	17.5	3.9	165.
6.1	24.0	2181.4	783.0	-2.7	-24.0	339.1	13.7	4.9	-12.8	290.1	292.2	0.7	17.5	4.2	165.
6.5	25.0	2283.1	773.0	-3.7	-24.7	333.4	12.2	5.5	-10.9	290.1	292.1	0.7	17.6	4.5	164.
6.9	26.0	2416.8	760.0	-4.4	-25.0	332.6	12.4	5.7	-11.0	290.7	292.7	0.7	18.1	4.8	163.
7.3	27.0	2531.6	749.0	-4.8	-25.5	330.2	12.1	6.0	-10.5	291.4	293.5	0.6	17.2	5.1	163.
7.6	28.0	2637.2	739.0	-5.2	-28.2	327.8	11.7	6.3	-9.9	292.2	293.8	0.5	14.3	5.3	162.
8.0	29.0	2754.9	728.0	-5.4	-28.7	323.8	11.1	6.6	-9.0	293.3	294.8	0.5	13.8	5.6	162.
8.4	30.0	2852.4	719.0	-5.7	-30.2	319.9	10.6	6.8	-8.1	294.0	295.3	0.4	12.3	5.8	161.
8.7	31.0	2962.0	709.0	-6.4	-32.7	317.7	10.4	7.0	-7.7	294.3	295.4	0.3	10.3	6.0	160.
9.1	32.0	3072.8	699.0	-7.5	-31.5	315.8	10.4	7.2	-7.4	294.4	295.6	0.4	12.0	6.2	159.
9.5	33.0	3184.9	689.0	-7.6	-33.0	315.3	10.8	7.6	-7.6	295.4	296.5	0.3	10.9	6.4	158.
9.8	34.0	3298.5	679.0	-8.3	-33.0	314.6	11.1	7.9	-7.8	295.8	296.9	0.3	11.5	6.6	157.
10.2	35.0	3413.4	669.0	-9.4	-34.2	312.8	11.6	8.5	-7.9	295.9	297.0	0.3	11.1	6.9	157.
10.6	36.0	3541.3	658.0	-10.4	-35.4	310.1	11.9	9.1	-7.7	296.2	297.1	0.3	10.7	7.2	156.
11.0	37.0	3659.0	648.0	-11.1	-36.4	307.2	12.4	9.9	-7.5	296.7	297.5	0.3	10.2	7.4	155.
11.4	38.0	3766.3	639.0	-11.7	-36.6	306.6	13.0	10.5	-7.8	297.2	298.1	0.3	10.3	7.7	153.
11.7	39.0	3886.9	629.0	-12.4	-37.2	307.3	13.4	10.7	-8.1	297.8	298.6	0.2	10.4	7.9	153.
12.1	40.0	3996.9	620.0	-13.2	-37.8	309.1	13.7	10.6	-8.6	298.0	298.8	0.2	10.5	8.2	152.
12.6	41.0	4133.2	609.0	-13.2	-37.8	310.5	13.8	10.5	-9.0	299.5	300.3	0.2	10.5	8.6	151.
12.9	42.0	4259.4	599.0	-12.7	-37.4	309.6	14.2	10.9	-9.0	301.6	302.5	0.3	10.4	8.8	150.
13.3	43.0	4374.9	590.0	-12.8	-37.5	305.2	15.5	12.6	-8.9	302.8	303.6	0.3	10.4	9.1	150.
13.7	44.0	4492.0	581.0	-13.4	-37.9	299.2	17.4	15.2	-8.5	303.4	304.3	0.2	10.5	9.5	149.
14.0	45.0	4610.9	572.0	-12.9	-37.6	294.6	19.1	17.4	-7.9	305.3	306.2	0.3	10.4	9.8	148.
14.4	46.0	4718.5	564.0	-12.0	-37.0	290.4	21.2	19.9	-7.4	307.7	308.6	0.3	10.3	10.1	146.
14.8	47.0	4841.4	555.0	-12.7	-37.4	289.1	23.1	21.8	-7.6	308.3	309.2	0.3	10.4	10.6	144.
15.3	48.0	4966.0	546.0	-13.5	-38.0	290.2	25.4	23.8	-8.8	308.7	309.6	0.3	10.5	11.2	142.
15.6	49.0	5078.2	538.0	-13.8	-38.2	291.5	26.6	24.8	-9.8	309.7	310.6	0.3	10.5	11.6	141.
16.1	50.0	5191.9	530.0	-14.2	-38.5	293.9	28.0	25.6	-11.3	310.5	311.4	0.3	10.6	12.3	139.
16.6	51.0	5365.5	518.0	-14.8	-38.9	295.4	27.8	25.1	-11.9	311.9	312.7	0.2	10.6	13.2	137.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

7 FEBRUARY 1975  
515 GMT

146 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.1	52.0	5460.6	511.0	-13.8	-38.2	296.8	27.3	24.4	-12.3	314.3	315.2	0.3	10.5	14.0	136.
17.5	53.0	5603.6	502.0	-14.2	-38.5	298.8	28.8	25.2	-13.9	315.3	316.3	0.3	10.6	14.3	135.
17.9	54.0	5725.3	494.0	-14.8	-38.9	300.9	32.6	28.0	-16.8	316.1	317.0	0.3	10.6	15.1	135.
18.3	55.0	5848.7	486.0	-15.5	-39.4	301.8	35.7	30.3	-18.8	316.7	317.6	0.3	10.7	16.0	134.
18.8	56.0	6005.5	476.0	-16.1	-39.9	301.7	37.8	32.2	-19.9	317.8	318.7	0.2	10.8	17.1	133.
19.2	57.0	6132.9	468.0	-17.0	-40.4	301.0	38.6	33.1	-19.9	318.3	319.1	0.2	10.9	18.0	133.
19.6	58.0	6262.0	460.0	-18.1	-41.2	300.1	39.3	34.0	-19.7	318.5	319.3	0.2	11.0	18.9	132.
20.1	59.0	6376.3	453.0	-19.5	-42.3	299.2	39.9	34.8	-19.4	318.0	318.8	0.2	11.2	20.1	131.
20.4	60.0	6508.4	445.0	-20.5	-42.9	298.8	39.8	34.9	-19.1	318.5	319.2	0.2	11.3	20.9	131.
20.8	61.0	6642.3	437.0	-21.8	-43.1	298.3	39.5	34.8	-18.7	318.4	319.1	0.2	12.5	21.8	130.
21.3	62.0	6760.9	430.0	-23.0	-43.6	297.6	39.6	35.1	-18.3	318.4	319.0	0.2	13.1	22.9	130.
21.7	63.0	6898.2	422.0	-24.2	-44.2	296.8	40.0	35.7	-18.0	318.6	319.2	0.2	13.7	23.8	129.
22.1	64.0	7019.8	415.0	-25.5	-44.6	295.9	40.0	36.0	-17.5	318.4	319.0	0.2	14.3	24.8	129.
22.5	65.0	7142.9	408.0	-26.7	-45.5	294.8	39.5	35.9	-16.6	318.4	319.0	0.2	15.0	25.8	128.
23.1	66.0	7203.4	399.0	-28.3	-46.7	293.5	38.8	35.6	-15.5	318.4	318.9	0.1	15.1	27.0	127.
23.5	67.0	7448.3	391.0	-29.6	-47.4	292.8	38.8	35.8	-15.1	318.5	319.0	0.1	15.7	28.2	127.
23.9	68.0	7576.9	384.0	-30.8	-48.1	292.5	39.4	36.5	-15.1	318.6	319.1	0.1	16.3	28.7	127.
24.3	69.0	7707.1	377.0	-32.1	-49.1	291.6	39.5	36.7	-14.5	318.6	319.0	0.1	16.4	29.8	126.
24.8	70.0	7820.2	371.0	-33.0	-50.1	289.7	39.0	36.8	-13.2	318.8	319.2	0.1	16.1	31.0	126.
25.2	71.0	7992.6	362.0	-34.1	-51.2	287.8	39.0	37.2	-11.9	319.6	320.0	0.1	15.7	31.8	125.
25.6	72.0	8129.0	355.0	-35.3	-51.4	286.0	39.3	37.8	-10.8	319.8	320.2	0.1	17.2	32.7	125.
26.1	73.0	8247.6	349.0	-35.9	-51.5	283.5	38.7	37.7	-9.0	320.5	320.8	0.1	18.2	34.0	124.
26.5	74.0	8388.1	342.0	-37.0	-52.4	281.3	37.8	37.0	-7.4	320.9	321.2	0.1	18.3	35.0	123.
26.9	75.0	8510.2	336.0	-38.1	-53.0	281.1	40.6	39.8	-7.8	321.1	321.4	0.1	18.8	35.3	123.
27.3	76.0	8654.9	329.0	-39.1	-53.7	281.7	45.1	44.2	-9.1	321.5	321.8	0.1	19.3	36.3	122.
27.7	77.0	8780.7	323.0	-40.5	-55.9	281.6	48.3	47.3	-9.7	321.4	999.9	99.9	999.9	37.6	122.
28.2	78.0	8908.2	317.0	-41.4	-56.9	280.1	47.5	46.8	-8.3	321.9	999.9	99.9	999.9	38.1	121.
28.6	79.0	9059.3	310.0	-42.8	-57.9	278.4	44.4	43.9	-6.5	322.0	999.9	99.9	999.9	40.1	120.
29.0	80.0	9190.8	304.0	-44.1	-58.9	277.3	41.6	41.3	-5.3	322.0	999.9	99.9	999.9	41.0	120.
29.6	81.0	9346.7	297.0	-45.3	-59.9	278.3	43.3	42.9	-6.2	322.4	999.9	99.9	999.9	42.2	119.
30.1	82.0	9459.7	292.0	-46.6	-60.9	278.7	45.7	45.2	-6.9	322.2	999.9	99.9	999.9	43.6	118.
30.5	83.0	9620.5	285.0	-47.0	-61.9	277.8	45.8	45.4	-6.2	323.8	999.9	99.9	999.9	44.9	118.
31.0	84.0	9761.1	279.0	-48.3	-62.9	275.9	45.2	45.0	-4.7	323.9	999.9	99.9	999.9	45.9	117.
31.4	85.0	9879.9	274.0	-49.4	-63.9	275.8	47.6	47.3	-4.8	324.1	999.9	99.9	999.9	46.8	117.
32.1	86.0	10073.5	266.0	-50.9	-64.9	275.9	52.1	51.6	-5.4	324.7	999.9	99.9	999.9	48.9	116.
32.5	87.0	10196.7	261.0	-51.9	-65.9	274.4	51.7	51.5	-4.0	324.9	999.9	99.9	999.9	50.2	115.
33.1	88.0	10347.3	255.0	-52.4	-66.9	269.2	47.3	47.3	0.7	326.4	999.9	99.9	999.9	52.0	115.
33.6	89.0	10500.9	249.0	-53.5	-67.9	266.7	47.0	46.9	2.7	327.0	999.9	99.9	999.9	52.8	114.
34.0	90.0	10657.4	243.0	-54.7	-68.9	267.1	49.9	49.8	2.5	327.4	999.9	99.9	999.9	54.0	113.
34.5	91.0	10790.0	238.0	-56.2	-69.9	269.1	55.0*	55.0	0.9	327.2	999.9	99.9	999.9	55.2	113.
34.9	92.0	10924.7	233.0	-56.8	-70.9	269.8	55.0*	55.0	0.2	328.2	999.9	99.9	999.9	56.7	112.
35.5	93.0	11062.4	228.0	-56.2	-71.9	269.3	47.7*	47.7	0.6	331.2	999.9	99.9	999.9	58.8	111.
35.9	94.0	11204.0	223.0	-54.1	-72.9	268.9	41.2*	41.2	0.8	336.5	999.9	99.9	999.9	59.6	111.
36.4	95.0	11349.4	218.0	-54.4	-73.9	270.0	36.6*	36.6	0.0	336.2	999.9	99.9	999.9	60.4	111.
37.1	96.0	11558.5	211.0	-54.6	-74.9	273.8	33.8*	33.7	-2.3	341.1	999.9	99.9	999.9	62.0	110.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

7 FEBRUARY 1975  
515 GMT

146 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.6	97.0	11680.7	207.0	-55.5	99.9	278.4	33.5*	33.1	-4.9	341.5	999.9	99.9	999.9	62.8	110.
38.1	98.0	11837.2	202.0	-53.9	99.9	283.3	36.7*	35.7	-8.5	346.4	999.9	99.9	999.9	63.7	110.
38.6	99.0	11998.1	197.0	-54.1	99.5	286.3	43.6*	41.8	-12.2	348.6	999.9	99.9	999.9	65.1	110.
39.1	100.0	12129.3	193.0	-55.4	99.5	287.1	52.3*	50.0	-15.4	348.7	999.9	99.9	999.9	66.1	110.
39.8	101.0	12330.4	187.0	-56.2	99.9	285.7	54.9*	52.8	-14.9	350.5	999.9	99.9	999.9	69.1	110.
40.3	102.0	12502.9	182.0	-55.7	99.9	282.9	47.5*	46.3	-10.6	354.0	999.9	99.9	999.9	70.6	109.
40.8	103.0	12644.1	178.0	-56.8	99.9	278.0	39.3*	38.9	-5.5	354.4	999.9	99.9	999.9	71.8	109.
41.4	104.0	12767.9	174.0	-57.5	99.9	269.1	33.7*	33.7	0.5	355.6	999.9	99.9	999.9	73.0	109.
41.9	105.0	12935.1	170.0	-56.7	99.9	260.8	32.9*	32.5	5.3	359.4	999.9	99.9	999.9	73.8	109.
42.4	106.0	13124.5	165.0	-56.5	99.5	257.8	35.5*	34.7	7.5	362.7	999.9	99.9	999.9	74.8	108.
42.9	107.0	13279.9	161.0	-57.3	99.9	261.7	39.5*	39.1	5.7	363.9	999.9	99.9	999.9	75.2	108.
43.3	108.0	13438.8	157.0	-57.8	99.9	266.2	40.7*	40.6	2.7	365.7	999.9	99.9	999.9	76.7	108.
43.9	109.0	13601.8	153.0	-57.1	99.9	273.4	42.4*	42.3	-2.5	369.5	999.9	99.9	999.9	77.8	107.
44.4	110.0	13769.2	149.0	-57.8	99.9	279.6	51.7*	51.0	-8.6	371.2	999.9	99.9	999.9	79.1	107.
45.2	111.0	13943.3	145.0	-59.2	99.9	285.3	65.5*	63.2	-17.2	371.7	999.9	99.9	999.9	82.2	107.
45.8	112.0	14115.5	141.0	-59.5	99.9	288.4	62.6*	59.4	-19.8	374.1	999.9	99.9	999.9	84.8	107.
46.4	113.0	14295.2	137.0	-60.4	99.9	289.1	58.1*	54.9	-19.0	375.7	999.9	99.9	999.9	86.5	107.
47.0	114.0	14432.9	134.0	-61.3	99.5	285.1	42.6*	41.1	-11.1	376.5	999.9	99.9	999.9	89.5	107.
47.6	115.0	14620.5	130.0	-62.4	99.9	276.9	17.9*	17.8	-2.1	377.8	999.9	99.9	999.9	90.2	107.
48.3	116.0	14813.7	126.0	-61.8	99.9	277.7	14.1*	14.0	-1.9	382.2	999.9	99.9	999.9	89.9	107.
48.9	117.0	15013.0	122.0	-62.7	99.9	277.7	21.2*	21.0	-2.8	384.1	999.9	99.9	999.9	91.0	107.
49.4	118.0	15166.3	119.0	-63.3	99.5	276.0	25.6*	25.5	-2.7	385.8	999.9	99.9	999.9	91.1	107.
50.0	119.0	15322.7	116.0	-64.6	99.5	276.7	30.5*	30.3	-3.6	386.2	999.9	99.9	999.9	92.9	107.
50.5	120.0	15536.9	112.0	-65.0	99.5	279.7	37.2*	36.7	-6.3	389.4	999.9	99.9	999.9	93.1	107.
50.9	121.0	15702.1	109.0	-66.0	99.9	282.4	45.0*	43.9	-9.6	390.6	999.9	99.9	999.9	94.1	106.
51.5	122.0	15928.4	105.0	-67.0	99.9	283.9	48.2*	46.8	-11.6	392.8	999.9	99.9	999.9	96.4	106.
52.2	123.0	16103.0	102.0	-68.2	99.9	280.6	36.8*	36.2	-6.7	393.7	999.9	99.9	999.9	98.1	106.
52.8	124.0	16282.2	99.0	-68.2	99.9	277.8	35.9*	35.6	-4.9	397.1	999.9	99.9	999.9	99.1	106.
53.4	125.0	16405.6	97.0	-68.4	99.5	278.2	41.2*	40.7	-5.9	399.0	999.9	99.9	999.9	100.4	106.
54.4	126.0	16657.1	93.0	-68.6	99.5	281.9	46.7*	45.7	-9.6	403.5	999.9	99.9	999.9	103.0	106.
55.0	127.0	16853.4	90.0	-68.8	99.5	284.8	45.6*	44.1	-11.6	406.8	999.9	99.9	999.9	105.3	106.
55.6	128.0	17056.2	87.0	-69.0	99.9	287.3	43.1*	41.1	-12.8	410.4	999.9	99.9	999.9	106.4	106.
56.3	129.0	17266.0	84.0	-69.0	99.9	288.9	38.1*	36.0	-12.4	414.5	999.9	99.9	999.9	108.4	106.
56.9	130.0	17410.0	82.0	-69.0	99.9	289.0	22.6*	21.4	-7.3	417.4	999.9	99.9	999.9	109.8	106.
57.8	131.0	17709.7	78.0	-68.2	99.9	112.3	5.5*	-5.1	2.1	425.1	999.9	99.9	999.9	110.3	106.
58.5	132.0	17866.1	76.0	-66.8	99.5	175.3	2.6*	-0.2	2.6	431.3	999.9	99.9	999.9	107.8	106.
59.2	133.0	18110.7	73.0	-65.0	99.5	274.7	26.1*	26.0	-2.1	440.1	999.9	99.9	999.9	110.0	106.
59.9	134.0	18366.2	70.0	-65.6	99.9	274.5	37.3*	37.2	-2.9	444.1	999.9	99.9	999.9	111.6	106.
60.7	135.0	18542.0	68.0	-66.6	99.9	275.0	36.1*	35.9	-3.2	445.7	999.9	99.9	999.9	113.1	106.
61.6	136.0	18909.2	64.0	-66.2	99.9	280.5	39.9*	39.2	-7.3	454.4	999.9	99.9	999.9	115.1	105.
62.5	137.0	19200.6	61.0	-65.8	99.9	288.9	32.7*	30.9	-10.6	461.5	999.9	99.9	999.9	118.1	105.
63.5	138.0	19506.1	58.0	-67.0	99.5	287.7	45.4*	43.3	-13.8	465.5	999.9	99.9	999.9	118.6	106.
64.5	139.0	19828.4	55.0	-65.0	99.5	282.9	46.1*	45.0	-10.3	477.2	999.9	99.9	999.9	123.1	106.
65.5	140.0	20053.9	53.0	-65.6	99.5	102.7	1.1*	-1.0	0.2	480.9	999.9	99.9	999.9	124.4	105.
66.6	141.0	20409.5	50.0	-64.0	99.9	112.9	31.9*	-29.4	12.4	492.6	999.9	99.9	999.9	122.1	105.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TFX

7 FEBRUARY 1975  
515 GMT

146 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
67.8	142.0	20788.7	47.0	-63.8	99.9	227.7	9.6*	7.1	6.4	501.9	999.9	99.9	999.9	121.8	105.
69.1	143.0	21194.7	44.0	-62.2	99.9	266.2	22.4*	22.3	1.5	515.5	999.9	99.9	999.9	122.1	105.
70.3	144.0	21631.3	41.0	-62.0	99.9	269.2	24.2*	24.2	0.3	526.5	999.9	99.9	999.9	124.4	105.
71.7	145.0	21940.9	39.0	-61.6	99.9	252.0	13.2*	12.5	4.1	535.0	999.9	99.9	999.9	125.6	104.
73.0	146.0	22434.5	36.0	-63.6	99.9	122.1	27.2*	-23.1	14.5	542.1	999.9	99.9	999.9	124.0	104.
74.2	147.0	22970.1	33.0	-62.4	99.9	242.6	6.8*	6.1	3.1	559.2	999.9	99.9	999.9	124.3	104.
75.8	148.0	23357.0	31.0	-61.4	99.9	279.5	22.4*	22.1	-3.7	571.8	999.9	99.9	999.9	125.4	104.
77.6	149.0	23989.5	28.0	-60.6	99.9	272.4	22.8*	22.7	-1.0	591.1	999.9	99.9	999.9	128.3	104.
79.5	150.0	24696.1	25.0	-60.0	99.9	299.4	11.5*	10.0	-5.7	612.1	999.9	99.9	999.9	129.8	104.
81.6	151.0	25491.8	22.0	-61.3	99.9	283.6	18.3	17.8	-4.3	631.2	999.9	99.9	999.9	134.7	104.
83.9	152.0	26085.1	20.0	-60.0	99.9	999.9	99.9	99.9	99.9	652.4	999.9	99.9	999.9	999.9	999.

STATION NO. 260  
STEPHENVILLE, TEX

7 FEBRUARY 1975  
1245 GMT

152 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	399.0	977.5	-6.5	-8.1	70.0	3.1	-2.9	-1.1	268.7	274.1	2.1	88.0	0.0	0.
0.3	8.0	475.6	960.0	-4.9*	99.9	999.9	99.9	99.9	99.9	270.8	999.9	99.9	999.9	999.9	999.
0.6	9.0	565.6	957.0	-3.2*	99.9	999.9	99.9	99.9	99.9	273.3	999.9	99.9	999.9	999.9	999.
1.0	10.0	657.3	946.0	-1.6*	99.9	999.9	99.9	99.9	99.9	275.9	999.9	99.9	999.9	999.9	999.
1.3	11.0	776.3	932.0	0.0	99.9	999.9	99.9	99.9	99.9	278.8	999.9	99.9	999.9	999.9	999.
1.7	12.0	871.3	921.0	0.4	99.9	999.9	99.9	99.9	99.9	280.0	999.9	99.9	999.9	999.9	999.
2.0	13.0	959.0	911.0	2.0	99.9	999.9	99.9	99.9	99.9	282.6	999.9	99.9	999.9	999.9	999.
2.4	14.0	1065.9	899.0	2.0	99.9	326.3	2.4	1.3	-2.0	283.7	999.9	99.9	999.9	0.2	149.
2.8	15.0	1155.9	889.0	1.2	99.9	297.0	3.1	2.8	-1.4	283.7	999.9	99.9	999.9	0.3	147.
3.2	16.0	1283.5	875.0	1.3	99.9	280.0	4.7	4.6	-0.8	285.2	999.9	99.9	999.9	0.4	137.
3.6	17.0	1385.3	864.0	1.7	99.9	275.8	5.9	5.8	-0.6	286.6	999.9	99.9	999.9	0.5	125.
3.9	18.0	1488.3	853.0	1.2	99.9	279.4	5.8	5.8	-0.9	287.1	999.9	99.9	999.9	0.6	120.
4.2	19.0	1582.9	843.0	0.0	99.9	277.3	5.4	5.4	-0.7	286.9	999.9	99.9	999.9	0.7	118.
4.6	20.0	1687.9	832.0	-0.4	99.9	267.9	4.9	4.9	0.2	287.4	999.9	99.9	999.9	0.8	115.
5.1	21.0	1803.7	820.0	-1.7	99.9	256.8	5.6	5.4	1.3	287.3	999.9	99.9	999.9	0.9	109.
5.4	22.0	1910.9	809.0	-2.7	99.9	260.7	5.8	5.7	0.9	287.4	999.9	99.9	999.9	1.0	105.
5.7	23.0	2009.3	799.0	-3.4	99.9	266.9	5.9	5.9	0.3	287.6	999.9	99.9	999.9	1.1	103.
6.1	24.0	2118.9	788.0	-2.7	99.9	274.1	6.2	6.2	-0.4	289.6	999.9	99.9	999.9	1.2	102.
6.4	25.0	2220.3	778.0	-1.9	99.9	274.6	6.6	6.6	-0.5	291.5	999.9	99.9	999.9	1.4	101.
6.9	26.0	2343.6	766.0	-2.8	99.9	272.6	6.2	6.2	-0.3	291.8	999.9	99.9	999.9	1.6	101.
7.2	27.0	2447.5	756.0	-3.3	99.9	273.8	6.1	6.1	-0.4	292.4	999.9	99.9	999.9	1.7	100.
7.6	28.0	2552.8	746.0	-3.3	99.9	277.1	6.4	6.3	-0.8	293.5	999.9	99.9	999.9	1.8	99.
7.9	29.0	2648.7	737.0	-3.6	99.9	279.5	6.4	6.4	-1.1	294.1	999.9	99.9	999.9	1.9	99.
8.2	30.0	2767.2	726.0	-4.4	99.9	281.4	6.5	6.3	-1.3	294.6	999.9	99.9	999.9	2.0	99.
8.6	31.0	2865.3	717.0	-5.1	99.9	282.9	6.4	6.2	-1.4	294.8	999.9	99.9	999.9	2.2	100.
9.0	32.0	2975.4	707.0	-5.9	99.9	281.7	6.2	6.1	-1.3	295.1	999.9	99.9	999.9	2.4	101.
9.3	33.0	3075.6	698.0	-6.3	99.9	278.7	6.3	6.2	-1.0	295.7	999.9	99.9	999.9	2.5	101.
9.7	34.0	3188.2	688.0	-7.2	99.9	276.3	6.8	6.8	-0.8	296.0	999.9	99.9	999.9	2.6	100.
10.1	35.0	3290.7	679.0	-7.8	99.9	276.7	8.0	7.9	-0.9	296.4	999.9	99.9	999.9	2.7	99.
10.5	36.0	3417.6	668.0	-8.0	99.9	279.7	9.8	9.7	-1.7	297.6	999.9	99.9	999.9	2.9	99.
10.8	37.0	3534.7	658.0	-8.1	99.9	282.1	11.4	11.1	-2.4	298.8	999.9	99.9	999.9	3.2	99.
11.2	38.0	3629.6	650.0	-8.1	99.9	284.5	13.3	12.9	-3.3	299.8	999.9	99.9	999.9	3.5	100.
11.6	39.0	3750.0	640.0	-8.1	99.9	286.5	15.1	14.5	-4.3	301.1	999.9	99.9	999.9	3.8	100.
11.9	40.0	3847.7	632.0	-7.7	99.9	287.9	16.3	15.5	-5.0	302.7	999.9	99.9	999.9	4.1	101.
12.3	41.0	3984.6	621.0	-6.3	99.9	288.6	18.0	17.0	-5.7	305.8	999.9	99.9	999.9	4.5	101.
12.7	42.0	4111.4	611.0	-6.6	99.9	288.5	19.6	18.5	-6.2	306.9	999.9	99.9	999.9	4.9	102.
13.1	43.0	4214.4	603.0	-6.2	99.9	287.9	20.9	19.9	-6.4	308.5	999.9	99.9	999.9	5.4	103.
13.4	44.0	4318.8	595.0	-6.2	99.9	288.0	21.5	20.4	-6.6	309.7	999.9	99.9	999.9	5.8	103.
13.8	45.0	4437.9	586.0	-6.6	99.9	289.7	21.4	20.1	-7.2	310.5	999.9	99.9	999.9	6.4	103.
14.2	46.0	4558.6	577.0	-7.2	99.9	292.4	20.9	19.3	-8.0	311.2	999.9	99.9	999.9	6.9	104.
14.6	47.0	4667.4	569.0	-6.9	99.9	295.8	20.4	18.4	-8.9	312.8	999.9	99.9	999.9	7.3	105.
14.9	48.0	4791.6	560.0	-7.5	99.9	298.1	20.5	18.1	-9.6	313.6	999.9	99.9	999.9	7.7	105.
15.3	49.0	4917.6	551.0	-7.8	99.9	299.6	20.9	18.1	-10.3	314.7	999.9	99.9	999.9	8.2	106.
15.7	50.0	5016.8	544.0	-8.8	99.9	299.7	21.3	18.5	-10.6	314.6	999.9	99.9	999.9	8.7	107.
16.2	51.0	5174.6	533.0	-9.9	99.9	298.9	21.8	19.1	-10.5	315.2	999.9	99.9	999.9	9.3	108.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

7 FEBRUARY 1975  
1245 GMT

152 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.6	52.0	5291.0	525.0	-11.0	99.9	298.6	22.1	19.4	-10.6	315.2	999.9	99.9	999.9	9.8	108.
16.9	53.0	5393.8	518.0	-12.2	99.9	299.0	22.2	19.4	-10.8	315.0	999.9	99.9	999.9	10.2	109.
17.3	54.0	5512.6	510.0	-13.1	99.9	299.5	22.4	19.5	-11.0	315.2	999.9	99.9	999.9	10.8	109.
17.7	55.0	5648.0	501.0	-14.0	99.9	299.1	22.5	19.7	-10.9	315.8	999.9	99.9	999.9	11.3	110.
18.2	56.0	5785.2	492.0	-15.4	99.9	297.3	22.6	20.1	-10.4	315.8	999.9	99.9	999.9	11.9	110.
18.5	57.0	5908.7	484.0	-16.5	99.9	295.9	22.7	20.5	-9.9	315.9	999.9	99.9	999.9	12.4	111.
18.9	58.0	6033.8	476.0	-17.3	99.9	294.2	23.4	21.4	-9.6	316.4	999.9	99.9	999.9	12.9	111.
19.2	59.0	6144.6	469.0	-18.7	99.9	293.0	24.1	22.2	-9.4	316.0	999.9	99.9	999.9	13.3	111.
19.7	60.0	6272.5	461.0	-19.9	99.9	291.1	24.7	23.1	-8.9	316.1	999.9	99.9	999.9	14.1	111.
20.1	61.0	6402.2	453.0	-20.8	99.9	289.8	24.5	23.1	-8.3	316.5	999.9	99.9	999.9	14.7	111.
20.4	62.0	6517.0	446.0	-21.9	99.9	289.0	23.9	22.6	-7.8	316.6	999.9	99.9	999.9	15.2	111.
20.8	63.0	6633.2	439.0	-23.1	99.9	288.8	23.3	22.1	-7.5	316.5	999.9	99.9	999.9	15.7	111.
21.2	64.0	6750.6	432.0	-24.3	99.9	289.1	23.2	21.9	-7.6	316.4	999.9	99.9	999.9	16.2	111.
21.7	65.0	6886.6	424.0	-25.3	99.9	289.8	23.7	22.3	-8.0	316.8	999.9	99.9	999.9	16.9	111.
22.2	66.0	7024.6	416.0	-26.2	99.9	290.3	24.7	23.1	-8.6	317.3	999.9	99.9	999.9	17.6	111.
22.6	67.0	7147.1	409.0	-27.3	99.9	290.8	25.3	23.6	-9.0	317.5	999.9	99.9	999.9	18.2	111.
23.0	68.0	7288.9	401.0	-28.6	99.9	291.5	25.5	23.7	-9.3	317.6	999.9	99.9	999.9	18.9	111.
23.3	69.0	7396.7	395.0	-29.8	99.9	292.0	25.3	23.5	-9.5	317.4	999.9	99.9	999.9	19.3	111.
23.8	70.0	7523.8	388.0	-30.9	99.9	292.7	25.2	23.3	-9.7	317.7	999.9	99.9	999.9	20.1	111.
24.3	71.0	7671.3	380.0	-32.2	99.9	293.2	25.4	23.4	-10.0	317.8	999.9	99.9	999.9	20.8	111.
24.7	72.0	7783.4	374.0	-33.4	99.9	293.0	25.8	23.7	-10.1	317.7	999.9	99.9	999.9	21.4	111.
25.2	73.0	7934.9	366.0	-34.5	99.9	291.9	26.2	24.3	-9.8	318.1	999.9	99.9	999.9	22.2	111.
25.6	74.0	8069.6	359.0	-35.3	99.9	290.6	26.4	24.7	-9.3	318.8	999.9	99.9	999.9	22.9	111.
25.9	75.0	8186.7	353.0	-36.5	99.9	289.5	26.4	24.9	-8.8	318.7	999.9	99.9	999.9	23.3	111.
26.4	76.0	8305.2	347.0	-37.7	99.9	288.0	26.9	25.6	-8.3	318.6	999.9	99.9	999.9	24.1	111.
26.8	77.0	8425.2	341.0	-38.9	99.9	287.4	27.3	26.0	-8.2	318.6	999.9	99.9	999.9	24.8	111.
27.2	78.0	8567.1	334.0	-40.0	99.9	287.5	27.3	26.1	-8.2	319.0	999.9	99.9	999.9	25.4	111.
27.7	79.0	8732.2	326.0	-41.4	99.9	288.4	27.0	25.7	-8.5	319.4	999.9	99.9	999.9	26.3	110.
28.3	80.0	8836.8	321.0	-43.0	99.9	288.5	27.1	25.7	-8.6	318.5	999.9	99.9	999.9	27.2	111.
28.8	81.0	9006.6	313.0	-43.6	99.9	287.4	27.9	26.6	-8.3	320.0	999.9	99.9	999.9	28.0	110.
29.3	82.0	9136.4	307.0	-45.0	99.9	286.7	29.2	28.0	-8.4	319.8	999.9	99.9	999.9	28.9	110.
29.8	83.0	9267.9	301.0	-46.3	99.9	287.1	31.0	29.7	-9.1	319.8	999.9	99.9	999.9	29.7	110.
30.2	84.0	9401.5	295.0	-47.1	99.9	287.6	32.1	30.6	-9.7	320.5	999.9	99.9	999.9	30.5	110.
30.7	85.0	9537.2	289.0	-48.2	99.9	287.5	32.1	30.6	-9.6	320.9	999.9	99.9	999.9	31.6	110.
31.3	86.0	9698.6	282.0	-48.7	99.9	285.5	31.7	30.5	-8.4	322.3	999.9	99.9	999.9	32.6	110.
31.8	87.0	9839.6	276.0	-49.6	99.9	283.4	33.2	32.3	-7.7	323.0	999.9	99.9	999.9	33.5	110.
32.2	88.0	9959.1	271.0	-50.5	99.9	282.1	34.5	33.8	-7.2	323.4	999.9	99.9	999.9	34.4	110.
32.7	89.0	10104.9	265.0	-51.0	99.9	281.2	35.6	34.9	-6.9	324.8	999.9	99.9	999.9	35.5	109.
33.2	90.0	10228.6	260.0	-52.0	99.9	281.4	36.6	35.8	-7.2	325.0	999.9	99.9	999.9	36.4	109.
33.7	91.0	10379.5	254.0	-53.0	99.9	282.1	37.6	36.8	-7.9	325.8	999.9	99.9	999.9	37.7	109.
34.2	92.0	10507.3	249.0	-54.2	99.9	282.5	38.9	38.0	-8.4	325.8	999.9	99.9	999.9	38.7	109.
34.6	93.0	10637.2	244.0	-54.9	99.9	282.4	40.6	39.6	-8.7	326.8	999.9	99.9	999.9	39.6	109.
35.1	94.0	10796.0	238.0	-56.0	99.9	282.0	43.2	42.3	-9.0	327.4	999.9	99.9	999.9	41.1	108.
35.6	95.0	10903.6	234.0	-56.8	99.9	281.9	45.8	44.8	-9.5	327.8	999.9	99.9	999.9	42.1	108.
36.2	96.0	11068.2	228.0	-56.8	99.9	283.3	45.7	44.5	-10.5	330.2	999.9	99.9	999.9	44.1	108.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 260  
STEPHENVILLE, TEX

7 FEBRUARY 1975  
1245 GMT

152 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIF DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.6	97.0	11237.2	222.0	-56.8	99.9	284.3	42.6	41.3	-10.5	332.7	999.9	99.9	999.9	45.2	108.
37.0	98.0	11352.1	218.0	-58.2	99.9	284.5	37.6	36.4	-9.4	332.4	999.9	99.9	999.9	46.2	108.
37.4	99.0	11458.3	213.0	-57.8	99.9	281.7	34.6	33.8	-7.0	335.1	999.9	99.9	999.9	46.9	108.
37.8	100.0	11648.4	208.0	-57.0	99.9	277.5	34.4	34.1	-4.5	338.7	999.9	99.9	999.9	47.6	108.
38.5	101.0	11834.2	202.0	-56.0	99.9	272.3	38.1	38.1	-1.5	343.1	999.9	99.9	999.9	49.0	107.
39.0	102.0	11961.4	198.0	-56.0	99.9	271.4	39.6	39.5	-1.0	345.1	999.9	99.9	999.9	50.3	107.
39.4	103.0	12124.4	193.0	-55.0	99.9	271.2	39.5	39.4	-0.8	349.2	999.9	99.9	999.9	51.3	107.
40.0	104.0	12258.0	189.0	-56.0	99.9	272.2	42.5	42.5	-1.6	349.7	999.9	99.9	999.9	52.4	106.
40.4	105.0	12428.6	184.0	-55.8	99.9	273.8	48.1	48.0	-3.2	352.7	999.9	99.9	999.9	53.4	106.
41.1	106.0	12568.5	180.0	-55.7	99.9	273.4	51.0	50.9	-3.1	355.2	999.9	99.9	999.9	55.8	105.
41.6	107.0	12711.6	176.0	-56.0	99.9	270.4	45.6	45.6	-0.3	356.9	999.9	99.9	999.9	57.5	105.
42.2	108.0	12857.8	172.0	-56.0	99.9	269.0	42.7	42.7	0.8	359.3	999.9	99.9	999.9	58.5	105.
42.7	109.0	13007.8	168.0	-55.2	99.9	271.7	44.4	44.4	-1.3	363.1	999.9	99.9	999.9	59.8	104.
43.2	110.0	13161.7	164.0	-55.0	99.9	274.9	44.2	44.1	-3.8	365.8	999.9	99.9	999.9	61.3	104.
43.9	111.0	13359.3	159.0	-55.3	99.9	277.9	39.5	39.1	-5.4	368.5	999.9	99.9	999.9	63.0	104.
44.5	112.0	13521.7	155.0	-56.0	99.9	279.9	39.7	39.1	-6.8	370.1	999.9	99.9	999.9	64.5	104.
45.1	113.0	13687.6	151.0	-57.0	99.9	280.6	50.6	49.7	-5.3	371.2	999.9	99.9	999.9	65.5	104.
45.6	114.0	13857.3	147.0	-57.6	99.9	280.6	56.3	55.3	-10.3	372.9	999.9	99.9	999.9	67.6	104.
46.2	115.0	14030.8	143.0	-59.2	99.9	281.1	49.4	48.4	-9.5	373.2	999.9	99.9	999.9	69.9	104.
46.9	116.0	14208.3	139.0	-60.0	99.9	282.0	38.2	37.4	-8.0	374.7	999.9	99.9	999.9	71.4	104.
47.4	117.0	14390.1	135.0	-61.1	99.9	281.4	33.8	33.1	-6.7	376.0	999.9	99.9	999.9	72.8	104.
48.1	118.0	14529.6	132.0	-61.3	99.9	281.4	33.8	33.1	-6.7	378.1	999.9	99.9	999.9	73.4	103.
48.6	119.0	14720.5	129.0	-61.5	99.9	282.5	38.0	37.1	-8.2	381.1	999.9	99.9	999.9	75.2	103.
49.2	120.0	14867.1	125.0	-62.7	99.9	282.8	44.0	42.9	-5.8	381.4	999.9	99.9	999.9	76.1	103.
49.8	121.0	15067.5	121.0	-62.9	99.9	281.8	45.1	44.1	-9.2	384.6	999.9	99.9	999.9	78.3	103.
50.2	122.0	15170.1	119.0	-62.9	99.9	280.9	43.8*	43.0	-8.3	386.4	999.9	99.9	999.9	79.2	103.
50.9	123.0	15380.7	115.0	-62.7	99.9	279.3	43.0*	42.4	-7.0	390.6	999.9	99.9	999.9	80.9	103.
51.4	124.0	15543.2	112.0	-63.9	99.9	277.6	39.6*	39.3	-5.2	391.4	999.9	99.9	999.9	82.4	103.
52.0	125.0	15709.2	109.0	-65.0	99.9	275.3	33.7*	33.6	-3.1	392.3	999.9	99.9	999.9	83.5	103.
52.8	126.0	15936.6	105.0	-66.0	99.9	276.5	27.0*	26.8	-3.0	394.7	999.9	99.9	999.9	85.2	103.
53.4	127.0	16111.9	102.0	-67.2	99.9	279.6	21.1*	20.8	-3.5	395.6	999.9	99.9	999.9	85.8	103.
54.1	128.0	16291.8	99.0	-67.6	99.9	282.6	23.0*	22.4	-5.0	398.2	999.9	99.9	999.9	86.6	103.
54.7	129.0	16476.6	96.0	-68.7	99.9	282.8	28.1*	27.4	-6.2	399.7	999.9	99.9	999.9	87.6	103.
55.2	130.0	16666.2	93.0	-69.8	99.9	282.0	32.0*	31.3	-6.7	401.2	999.9	99.9	999.9	88.5	103.
56.0	131.0	16927.5	89.0	-70.9	99.9	279.4	41.9*	41.3	-6.9	404.1	999.9	99.9	999.9	89.9	103.
56.6	132.0	17130.5	86.0	-71.1	99.9	278.1	42.5*	42.0	-6.0	407.6	999.9	99.9	999.9	92.0	103.
57.2	133.0	17270.1	84.0	-70.2	99.9	276.9	30.4*	30.2	-3.7	412.2	999.9	99.9	999.9	93.5	103.
57.8	134.0	17486.2	81.0	-70.4	99.9	275.6	20.6*	20.5	-2.0	416.0	999.9	99.9	999.9	94.0	103.
58.6	135.0	17710.0	78.0	-70.9	99.9	276.4	27.8*	27.6	-3.1	419.6	999.9	99.9	999.9	94.9	103.
59.4	136.0	17943.3	75.0	-69.3	99.9	280.5	35.3*	34.8	-6.4	427.6	999.9	99.9	999.9	96.8	102.
60.2	137.0	18187.4	72.0	-68.7	99.9	285.0	27.1*	26.2	-7.0	434.0	999.9	99.9	999.9	98.3	103.
61.1	138.0	18442.3	69.0	-68.7	99.9	287.1	23.1*	22.1	-6.8	439.3	999.9	99.9	999.9	99.5	103.
61.9	139.0	18708.7	66.0	-68.5	99.9	287.6	31.0*	29.6	-9.4	445.4	999.9	99.9	999.9	100.8	103.
62.8	140.0	18987.3	63.0	-68.9	99.9	286.4	20.8*	19.9	-5.9	450.4	999.9	99.9	999.9	102.5	103.
63.8	141.0	19280.6	60.0	-67.0	99.9	282.6	19.6*	19.1	-4.3	460.9	999.9	99.9	999.9	103.1	103.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

7 FEBRUARY 1975  
1245 GMT

152 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
64.8	142.0	19591.9	57.0	-64.8	99.0	279.4	27.3*	27.0	-4.5	472.7	999.9	99.9	999.9	104.7	103.
65.7	143.0	19922.6	54.0	-63.9	99.0	275.8	12.9*	12.8	-1.3	482.3	999.9	99.9	999.9	106.3	103.
66.8	144.0	20154.5	52.0	-62.9	99.9	103.4	5.3*	-5.2	1.2	489.7	999.9	99.9	999.9	105.6	103.
67.7	145.0	20519.6	49.0	-63.9	99.9	282.6	5.0*	4.9	-1.1	495.9	999.9	99.9	999.9	106.1	103.
68.8	146.0	20906.3	46.0	-64.4	99.9	281.8	7.9	7.8	-1.6	503.5	999.9	99.9	999.9	106.5	103.
69.9	147.0	21178.8	44.0	-63.3	99.9	276.8	20.8	20.6	-2.5	512.7	999.9	99.9	999.9	107.0	103.
71.0	148.0	21614.2	41.0	-62.0	99.0	271.5	28.4	28.3	-0.8	526.4	999.9	99.9	999.9	109.0	103.
72.1	149.0	22084.2	38.0	-62.0	99.0	260.1	19.3	19.0	3.3	538.0	999.9	99.9	999.9	110.3	102.
73.3	150.0	22418.0	36.0	-62.7	99.0	262.4	15.5	15.4	2.0	544.5	999.9	99.9	999.9	111.4	102.
74.8	151.0	22954.0	33.0	-62.9	99.9	262.5	4.5	4.5	0.6	557.7	999.9	99.9	999.9	112.9	102.
76.4	152.0	23340.8	31.0	-60.9	99.9	271.0	10.0	10.0	-0.2	573.2	999.9	99.9	999.9	112.7	102.
77.9	153.0	23976.4	28.0	-59.0	99.9	276.9	18.6	18.5	-2.2	595.4	999.9	99.9	999.9	114.5	102.
79.4	154.0	24689.6	25.0	-57.6	99.9	234.2	16.5	13.4	9.7	619.0	999.9	99.9	999.9	116.0	101.
80.8	155.0	25215.1	23.0	-58.3	99.9	259.5	21.5	21.1	2.9	631.9	999.9	99.9	999.9	117.3	101.
82.7	156.0	26095.3	20.0	-58.0	99.0	276.0	7.7	7.6	-0.8	658.7	999.9	99.9	999.9	118.8	101.
84.7	157.0	26761.9	18.0	-56.3	99.9	275.2	22.0	21.9	-2.0	684.1	999.9	99.9	999.9	119.4	101.
87.0	158.0	27925.1	15.0	-54.4	99.9	999.9	99.9	99.9	99.9	727.2	999.9	99.9	999.9	999.9	999.

STATION NO. 261  
DEL RIO, TEX

5 FEBRUARY 1975  
2315 GMT

160 12. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.4	314.0	977.7	18.7	11.8	170.0	2.6	-0.5	2.6	294.9	318.6	8.9	64.0	0.0	0.
0.3	9.0	373.1	971.0	18.6	10.8	999.9	99.9	99.9	99.9	295.3	317.8	8.4	60.7	999.9	999.
0.6	10.0	452.8	962.0	16.7	8.4	999.9	99.9	99.9	99.9	294.0	313.3	7.2	57.9	999.9	999.
1.0	11.0	568.6	949.0	16.1	6.2	999.9	99.9	99.9	99.9	294.4	311.4	6.3	52.1	999.9	999.
1.4	12.0	658.5	939.0	15.3	2.1	999.9	99.9	99.9	99.9	294.3	307.3	4.8	41.0	999.9	999.
1.7	13.0	749.2	929.0	15.1	3.1	999.9	99.9	99.9	99.9	295.0	309.1	5.1	44.5	999.9	999.
2.1	14.0	849.9	918.0	14.3	3.7	999.9	99.9	99.9	99.9	295.2	310.1	5.4	49.0	999.9	999.
2.4	15.0	942.3	908.0	13.5	3.4	999.9	99.9	99.9	99.9	295.4	310.1	5.4	50.6	999.9	999.
2.8	16.0	1054.3	896.0	12.9	3.2	187.6	5.8	0.8	5.7	295.9	310.6	5.4	51.5	1.0	344.
3.2	17.0	1148.5	886.0	12.7	0.3	201.2	4.9	1.8	4.6	296.5	308.7	4.4	42.4	1.1	347.
3.6	18.0	1243.8	876.0	12.3	5.1	215.9	4.1	2.4	3.3	297.3	314.5	6.3	61.4	1.2	351.
3.9	19.0	1340.0	866.0	11.7	-0.6	229.6	3.0	2.3	1.9	297.4	309.1	4.2	41.9	1.2	354.
4.3	20.0	1437.1	856.0	11.3	-3.2	265.5	1.9	1.9	0.2	297.9	307.7	3.5	35.2	1.2	356.
4.8	21.0	1545.0	845.0	11.0	-10.2	272.7	3.1	3.1	-0.1	298.4	304.5	2.1	21.2	1.2	358.
5.1	22.0	1654.1	834.0	10.6	-8.6	266.3	4.6	4.6	0.3	299.2	306.1	2.4	24.9	1.2	1.
5.5	23.0	1744.4	825.0	10.6	-4.4	265.6	6.6	6.6	0.5	300.2	309.8	3.3	34.5	1.2	8.
5.8	24.0	1835.7	816.0	10.0	-5.7	265.9	7.5	7.5	0.5	300.5	309.4	3.1	32.4	1.3	14.
6.2	25.0	1938.0	806.0	9.3	-8.5	267.7	8.8	8.8	0.3	300.7	307.8	2.4	26.6	1.3	22.
6.6	26.0	2051.7	795.0	8.6	-15.4	270.6	10.1	10.1	-0.1	301.0	305.4	1.5	16.6	1.4	30.
7.0	27.0	2156.1	785.0	8.0	-22.7	272.9	11.4	11.4	-0.6	301.4	303.9	0.8	9.3	1.6	38.
7.4	28.0	2251.0	776.0	7.3	-23.7	275.0	13.1	13.1	-1.1	301.6	303.9	0.7	8.8	1.8	46.
7.7	29.0	2357.4	766.0	6.2	-24.4	274.7	13.6	13.5	-1.1	301.6	303.8	0.7	8.9	1.9	52.
8.1	30.0	2443.2	758.0	5.4	-24.3	273.2	13.7	13.7	-0.8	301.6	303.8	0.7	9.5	2.2	58.
8.5	31.0	2551.4	748.0	4.5	-24.8	271.6	14.0	14.0	-0.4	301.8	303.9	0.7	9.6	2.5	62.
8.9	32.0	2649.8	739.0	3.7	-24.1	269.6	14.5	14.5	0.1	301.9	304.1	0.7	10.3	2.8	66.
9.3	33.0	2749.0	730.0	2.5	-26.0	267.9	15.1	15.1	0.6	301.7	303.5	0.6	9.3	3.1	68.
9.7	34.0	2849.1	721.0	2.2	-29.1	266.9	15.9	15.9	0.9	302.4	303.9	0.5	7.7	3.4	70.
10.2	35.0	2950.4	712.0	1.8	-28.5	266.9	17.2	17.2	0.9	303.1	304.7	0.5	8.3	3.9	72.
10.7	36.0	3075.6	701.0	1.0	-28.4	268.7	18.4	18.4	0.4	303.5	305.2	0.5	8.9	4.4	74.
11.1	37.0	3167.8	693.0	0.8	-19.5	271.2	19.1	19.1	-0.4	304.4	308.1	1.2	20.1	4.9	75.
11.4	38.0	3272.7	684.0	0.4	-16.4	273.6	19.4	19.4	-1.2	305.1	309.8	1.5	27.0	5.2	76.
11.9	39.0	3367.0	676.0	0.2	-16.5	277.6	19.7	19.6	-2.6	305.9	310.5	1.5	26.2	5.8	78.
12.2	40.0	3474.3	667.0	-0.6	-17.0	279.3	19.8	19.6	-3.2	306.2	310.5	1.4	25.8	6.1	79.
12.7	41.0	3607.0	656.0	-1.2	-18.2	280.6	19.9	19.6	-3.7	306.9	311.2	1.4	25.8	6.7	81.
13.1	42.0	3704.7	648.0	-1.6	-20.4	280.3	20.0	19.7	-3.6	307.6	311.2	1.2	22.0	7.1	83.
13.5	43.0	3803.5	640.0	-2.2	-19.9	279.5	20.0	19.8	-3.3	308.0	311.8	1.2	24.2	7.6	84.
14.0	44.0	3915.8	631.0	-2.8	-20.4	279.8	20.3	20.0	-3.4	308.5	312.3	1.2	24.3	8.2	85.
14.4	45.0	4016.8	623.0	-3.7	-20.6	281.0	20.6	20.2	-3.9	308.6	312.3	1.2	25.1	8.6	86.
14.8	46.0	4118.7	615.0	-4.4	-20.8	282.7	20.9	20.4	-4.6	309.0	312.8	1.2	26.4	9.1	86.
15.2	47.0	4221.7	607.0	-5.3	-21.5	284.7	21.3	20.6	-5.4	309.1	312.6	1.1	25.6	9.6	87.
15.6	48.0	4338.9	598.0	-5.7	-22.6	286.7	21.7	20.8	-6.2	309.9	313.2	1.0	24.8	10.1	88.
16.0	49.0	4431.1	591.0	-5.9	-22.9	288.6	22.3	21.1	-7.1	310.8	314.0	1.0	24.4	10.6	89.
16.3	50.0	4537.7	583.0	-6.6	-23.9	289.8	22.7	21.4	-7.7	311.1	314.1	0.9	23.6	11.0	90.
16.9	51.0	4672.7	573.0	-7.4	-25.0	291.7	23.7	22.0	-8.7	311.7	314.6	0.9	22.8	11.7	91.
17.3	52.0	4782.1	565.0	-8.1	-24.1	292.5	24.1	22.3	-9.2	312.1	315.2	1.0	26.1	12.3	92.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

5 FEBRUARY 1975  
2315 GMT

160 12. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.7	53.0	4892.6	557.0	-9.0	-24.5	293.1	24.3	22.4	-9.5	312.4	315.4	0.9	26.9	12.9	93.
18.1	54.0	4990.4	550.0	-9.6	-25.2	293.3	24.3	22.4	-9.6	312.8	315.7	0.9	26.6	13.4	94.
18.6	55.0	5103.5	542.0	-10.3	-26.6	291.8	24.5	22.8	-9.1	313.2	315.9	0.8	24.7	14.1	95.
19.1	56.0	5232.3	533.0	-11.0	-28.2	288.6	25.4	24.1	-8.1	313.9	316.2	0.7	22.7	14.8	96.
19.6	57.0	5348.3	525.0	-11.7	-29.6	285.7	26.4	25.4	-7.1	314.4	316.4	0.6	21.0	15.6	96.
20.0	58.0	5465.8	517.0	-12.2	-29.5	284.4	26.8	26.0	-6.7	315.2	317.4	0.6	21.9	16.2	97.
20.4	59.0	5569.9	510.0	-13.0	-30.4	283.3	26.7	26.0	-6.1	315.4	317.4	0.6	21.5	16.9	97.
20.8	60.0	5675.1	503.0	-13.8	-30.5	281.4	26.7	26.2	-5.3	315.6	317.7	0.6	22.8	17.5	97.
21.3	61.0	5796.7	495.0	-14.7	-30.6	278.1	27.2	27.0	-3.8	316.1	318.1	0.6	24.1	18.3	97.
21.7	62.0	5904.3	488.0	-15.6	-31.6	275.3	27.8	27.7	-2.6	316.2	318.0	0.5	23.8	18.9	97.
22.0	63.0	6013.3	481.0	-16.1	-33.7	273.3	28.1	28.1	-1.6	317.0	318.5	0.5	20.0	19.5	97.
22.3	64.0	6123.5	474.0	-16.9	-34.6	271.3	27.8	27.8	-0.6	317.3	318.7	0.4	19.6	20.0	97.
22.8	65.0	6235.0	467.0	-17.7	-35.1	268.3	27.2	27.2	0.8	317.6	319.0	0.4	20.1	20.8	97.
23.3	66.0	6380.4	458.0	-18.8	-35.5	266.1	27.0	27.0	1.9	318.0	319.4	0.4	21.1	21.6	97.
23.7	67.0	6478.4	452.0	-20.0	-36.2	265.4	27.4	27.3	2.2	317.7	319.0	0.4	22.0	22.2	96.
24.1	68.0	6592.9	445.0	-21.1	-36.5	265.4	27.9	27.8	2.2	317.7	319.0	0.4	23.3	22.8	96.
24.4	69.0	6710.7	438.0	-22.3	-36.7	265.9	27.9	27.7	2.0	317.7	319.0	0.4	25.3	23.4	96.
24.9	70.0	6828.9	431.0	-23.3	-37.2	266.8	26.9	26.8	1.5	317.8	319.0	0.4	26.5	24.2	95.
25.4	71.0	6965.7	423.0	-24.4	-37.5	268.3	26.0	25.9	0.8	318.1	319.4	0.4	28.2	25.0	95.
25.9	72.0	7087.2	416.0	-25.2	-38.6	270.2	25.7	25.7	-0.1	319.6	319.8	0.3	27.3	25.7	95.
26.3	73.0	7210.2	409.0	-26.0	-39.9	271.5	25.6	25.6	-0.7	319.1	320.2	0.3	25.5	26.4	95.
26.8	74.0	7317.1	403.0	-26.8	-40.7	272.6	25.3	25.3	-1.1	319.5	320.4	0.3	25.2	27.1	95.
27.2	75.0	7425.1	397.0	-27.8	-41.6	273.1	25.1	25.0	-1.4	319.5	320.3	0.2	25.2	27.7	95.
27.6	76.0	7552.6	390.0	-29.0	-42.6	273.8	25.3	25.2	-1.7	319.5	320.4	0.2	25.3	28.3	95.
28.1	77.0	7663.3	384.0	-30.2	-43.2	275.0	26.6	26.5	-2.3	319.4	320.2	0.2	26.4	29.0	95.
28.5	78.0	7775.1	378.0	-31.2	-43.5	276.2	28.0	27.9	-3.0	319.5	320.2	0.2	28.5	29.7	95.
28.9	79.0	7888.3	372.0	-32.2	-43.5	277.3	28.6	28.3	-3.6	319.7	320.5	0.2	31.3	30.4	95.
29.3	80.0	8022.1	365.0	-33.4	-42.9	278.8	28.6	28.3	-4.4	319.9	320.7	0.2	37.3	31.1	95.
29.8	81.0	8157.7	358.0	-34.7	-42.7	281.4	29.6	28.1	-5.7	319.9	320.7	0.2	43.3	32.0	95.
30.2	82.0	8275.5	352.0	-35.9	-42.1	283.8	28.9	28.1	-6.9	319.8	320.7	0.3	52.3	32.6	95.
30.7	83.0	8394.7	346.0	-36.9	-42.0	286.5	29.4	28.2	-8.4	319.9	320.9	0.3	59.2	33.5	95.
31.2	84.0	8515.7	340.0	-37.5	-40.9	288.2	29.8	28.3	-9.3	320.8	321.9	0.3	70.0	34.4	96.
31.6	85.0	8638.3	334.0	-38.7	-41.9	288.8	30.3	28.7	-9.8	320.8	321.8	0.3	71.2	35.1	96.
32.1	86.0	8783.4	327.0	-39.9	-42.9	288.9	30.8	29.1	-10.0	321.1	322.0	0.3	72.3	36.0	96.
32.5	87.0	8909.6	321.0	-41.0	99.9	289.3	30.7	29.0	-10.1	321.3	999.9	99.9	999.9	36.7	96.
32.8	88.0	9016.2	316.0	-41.8	99.9	290.1	30.1	28.2	-10.3	321.6	999.9	99.9	999.9	37.3	97.
33.3	89.0	9145.8	310.0	-43.0	99.9	291.4	29.4	27.4	-10.7	321.7	999.9	99.9	999.9	38.1	97.
33.7	90.0	9277.2	304.0	-44.0	99.9	291.6	29.9	27.8	-11.0	322.1	999.9	99.9	999.9	38.7	97.
34.1	91.0	9388.2	299.0	-45.3	99.9	291.2	31.2	29.1	-11.3	321.8	999.9	99.9	999.9	39.4	98.
34.5	92.0	9523.1	293.0	-46.4	99.9	290.6	32.6	30.5	-11.5	322.1	999.9	99.9	999.9	40.2	98.
34.8	93.0	9637.2	288.0	-47.3	99.9	290.7	32.9	30.8	-11.6	322.5	999.9	99.9	999.9	40.8	98.
35.3	94.0	9752.8	283.0	-48.6	99.9	291.0	33.3	31.1	-11.9	322.2	999.9	99.9	999.9	41.8	98.
35.7	95.0	9869.7	278.0	-49.6	99.9	291.1	34.2	31.9	-12.3	322.4	999.9	99.9	999.9	42.5	99.
36.3	96.0	10036.2	271.0	-51.0	99.9	290.9	36.0	33.7	-12.8	322.8	999.9	99.9	999.9	43.8	99.
36.8	97.0	10157.1	266.0	-52.0	99.9	290.7	36.5	34.1	-12.9	322.9	999.9	99.9	999.9	44.9	99.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

5 FEBRUARY 1975  
2315 GMT

160 12. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POF T DG K	E POF T DG K	MX POF GM/KG	PH PCT	RANGE KM	AZ DG
37.2	98.0	10279.7	261.0	-53.0	99.9	290.5	36.2	33.9	-12.7	323.3	999.9	99.9	999.9	45.8	99.
37.7	99.0	10404.1	256.0	-54.2	99.9	290.2	35.6	33.4	-12.3	323.3	999.9	99.9	999.9	46.8	100.
38.1	100.0	10530.3	251.0	-55.3	99.9	289.9	34.7	32.6	-11.8	323.4	999.9	99.9	999.9	47.6	100.
38.6	101.0	10684.2	245.0	-56.5	99.9	290.1	31.4	29.5	-10.8	324.0	999.9	99.9	999.9	48.7	100.
39.1	102.0	10814.7	240.0	-57.6	99.9	290.7	27.3	25.6	-9.6	324.1	999.9	99.9	999.9	49.7	100.
39.5	103.0	10947.3	235.0	-58.7	99.9	290.0	27.9	26.2	-9.5	324.6	999.9	99.9	999.9	50.1	100.
40.0	104.0	11055.0	231.0	-59.5	99.9	286.9	39.4	37.7	-11.5	324.9	999.9	99.9	999.9	50.4	101.
40.4	105.0	11191.4	226.0	-60.9	99.9	285.2	49.4	46.7	-12.7	324.7	999.9	99.9	999.9	52.0	101.
40.9	106.0	11302.3	222.0	-61.5	99.9	283.9	49.8	48.4	-12.0	325.6	999.9	99.9	999.9	54.0	101.
41.5	107.0	11443.4	217.0	-62.0	99.9	284.2	40.6	39.3	-9.9	326.9	999.9	99.9	999.9	55.4	101.
41.9	108.0	11587.3	212.0	-61.8	99.9	287.8	33.4	31.8	-10.2	329.3	999.9	99.9	999.9	56.4	101.
42.4	109.0	11705.8	208.0	-60.9	99.9	295.6	28.2	25.4	-12.2	332.5	999.9	99.9	999.9	57.2	101.
42.9	110.0	11826.5	204.0	-60.8	99.9	301.4	28.9	24.7	-15.1	334.7	999.9	99.9	999.9	57.8	101.
43.6	111.0	12012.9	198.0	-59.3	99.9	299.1	34.7	30.3	-16.8	339.8	999.9	99.9	999.9	59.0	102.
43.9	112.0	12141.7	194.0	-55.4	99.9	295.7	36.5	32.9	-15.8	347.4	999.9	99.9	999.9	59.7	102.
44.5	113.0	12274.3	190.0	-56.0	99.9	287.8	35.2	33.5	-10.7	349.2	999.9	99.9	999.9	61.0	102.
44.9	114.0	12409.7	186.0	-55.8	99.9	281.1	29.7	29.1	-5.7	351.6	999.9	99.9	999.9	62.1	102.
45.4	115.0	12548.0	182.0	-56.0	99.9	271.6	25.1	25.1	-0.7	353.5	999.9	99.9	999.9	62.7	102.
46.1	116.0	12724.8	177.0	-57.0	99.9	268.0	30.1	30.1	1.0	354.7	999.9	99.9	999.9	63.4	102.
46.6	117.0	12869.3	173.0	-57.6	99.9	269.2	35.0	35.0	0.5	356.0	999.9	99.9	999.9	64.7	102.
47.1	118.0	13016.8	169.0	-58.3	99.9	268.5	33.9	33.9	0.9	357.2	999.9	99.9	999.9	65.9	101.
47.6	119.0	13167.2	165.0	-59.2	99.9	266.8	30.9	30.9	1.7	358.2	999.9	99.9	999.9	66.7	101.
48.1	120.0	13320.9	161.0	-59.3	99.9	266.5	30.8	30.7	1.9	360.5	999.9	99.9	999.9	67.5	101.
48.6	121.0	13438.8	158.0	-59.0	99.9	267.7	32.7	32.7	1.3	363.0	999.9	99.9	999.9	68.4	101.
49.2	122.0	13599.5	154.0	-59.5	99.9	269.2	34.3	34.3	0.5	364.8	999.9	99.9	999.9	69.6	101.
49.7	123.0	13764.2	150.0	-59.3	99.9	269.8	34.3	34.3	0.1	367.8	999.9	99.9	999.9	70.7	100.
50.3	124.0	13890.7	147.0	-59.3	99.9	270.1	34.0	34.0	-0.1	370.0	999.9	99.9	999.9	71.9	100.
50.9	125.0	14063.2	143.0	-60.0	99.9	271.2	34.7	34.7	-0.7	371.7	999.9	99.9	999.9	73.1	100.
51.6	126.0	14239.9	139.0	-61.1	99.9	273.0	33.6	33.5	-1.7	372.9	999.9	99.9	999.9	74.5	100.
52.1	127.0	14420.8	135.0	-62.0	99.9	273.8	30.1	30.0	-2.0	374.4	999.9	99.9	999.9	75.7	100.
52.7	128.0	14559.7	132.0	-62.4	99.9	274.5	27.0	26.9	-2.1	376.1	999.9	99.9	999.9	76.5	100.
53.2	129.0	14701.4	129.0	-63.1	99.9	275.0	27.7	27.6	-2.4	377.3	999.9	99.9	999.9	77.2	100.
53.7	130.0	14894.8	125.0	-62.9	99.9	275.5	30.1	30.0	-2.9	379.3	999.9	99.9	999.9	78.1	100.
54.4	131.0	15093.7	121.0	-64.8	99.9	276.9	32.6	32.3	-3.9	381.1	999.9	99.9	999.9	79.5	100.
55.1	132.0	15246.9	118.0	-64.8	99.9	279.7	32.7*	32.2	-5.5	383.9	999.9	99.9	999.9	80.8	100.
55.8	133.0	15403.8	115.0	-65.6	99.9	279.9	30.2*	29.7	-5.2	385.3	999.9	99.9	999.9	82.3	100.
56.3	134.0	15564.2	112.0	-66.4	99.9	277.5	27.1*	26.9	-3.6	386.7	999.9	99.9	999.9	83.1	100.
57.0	135.0	15728.4	109.0	-66.8	99.9	271.6	24.2*	24.2	-1.5	389.0	999.9	99.9	999.9	84.0	100.
57.7	136.0	15953.9	105.0	-67.6	99.9	267.7	23.6*	23.6	0.9	391.6	999.9	99.9	999.9	85.2	100.
58.6	137.0	16128.0	102.0	-68.7	99.9	260.9	28.4*	28.0	4.5	392.8	999.9	99.9	999.9	86.2	99.
59.2	138.0	16367.7	98.0	-68.5	99.9	261.6	32.8*	32.4	4.8	397.7	999.9	99.9	999.9	87.4	99.
60.2	139.0	16553.9	95.0	-68.9	99.9	264.5	33.8*	33.6	3.2	400.5	999.9	99.9	999.9	89.4	99.
60.8	140.0	16811.4	91.0	-68.7	99.9	268.7	35.9*	35.8	0.8	405.8	999.9	99.9	999.9	90.5	98.
61.4	141.0	17012.2	88.0	-68.7	99.9	272.8	36.6*	36.6	-1.8	409.8	999.9	99.9	999.9	92.0	98.
62.2	142.0	17219.8	85.0	-68.9	99.9	275.4	31.2*	31.1	-2.9	413.4	999.9	99.9	999.9	93.7	98.

- \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
- \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
- \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

5 FEBRUARY 1975  
2315 GMT

160 12. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX POT GM/KG	RH PCT	RANGE KM	AZ DG
63.1	143.0	17508.7	81.0	-68.3	99.9	271.1	25.7*	25.7	-0.5	420.5	999.9	99.9	999.9	95.1	98.
64.0	144.0	17736.1	78.0	-66.6	99.9	265.6	24.8*	24.7	1.7	428.4	999.9	99.9	999.9	96.4	98.
64.8	145.0	17972.5	75.0	-66.0	99.9	265.7	21.2*	21.1	1.6	434.5	999.9	99.9	999.9	97.6	98.
65.6	146.0	18221.5	72.0	-65.8	99.9	271.4	16.7*	16.7	-0.4	440.1	999.9	99.9	999.9	98.4	98.
66.5	147.0	18479.6	69.0	-66.4	99.9	281.9	18.4*	18.0	-3.8	444.2	999.9	99.9	999.9	99.3	98.
67.5	148.0	18748.6	66.0	-66.8	99.9	275.6	14.1*	14.0	-1.4	449.0	999.9	99.9	999.9	100.3	98.
68.5	149.0	19030.0	63.0	-66.4	99.9	267.3	20.4*	20.4	1.0	455.9	999.9	99.9	999.9	101.3	98.
69.7	150.0	19327.0	60.0	-64.3	99.9	270.5	20.7*	20.7	-0.2	467.1	999.9	99.9	999.9	102.9	98.
70.6	151.0	19640.5	57.0	-64.8	99.9	258.3	15.4*	15.1	3.1	472.7	999.9	99.9	999.9	103.8	98.
71.6	152.0	19970.2	54.0	-65.0	99.9	252.6	12.7	12.1	3.8	479.6	999.9	99.9	999.9	104.5	97.
72.7	153.0	20320.4	51.0	-62.9	99.9	269.0	15.9	15.9	0.6	492.4	999.9	99.9	999.9	105.3	97.
73.9	154.0	20695.4	48.0	-61.1	99.9	272.1	31.6	31.5	-1.2	505.4	999.9	99.9	999.9	106.8	97.
75.1	155.0	21094.8	45.0	-62.6	99.9	251.5	6.4	6.1	2.0	511.3	999.9	99.9	999.9	109.5	97.
76.2	156.0	21374.2	43.0	-64.3	99.9	145.6	2.0	-1.1	1.7	513.8	999.9	99.9	999.9	108.2	97.
77.4	157.0	21818.1	40.0	-62.9	99.9	293.9	13.5	13.1	-3.2	527.8	999.9	99.9	999.9	109.1	97.
78.7	158.0	22299.4	37.0	-61.8	99.9	287.4	12.5	11.9	-3.7	542.6	999.9	99.9	999.9	110.1	97.
80.3	159.0	22822.8	34.0	-61.8	99.9	280.2	28.2	27.7	-5.0	555.9	999.9	99.9	999.9	111.7	97.
81.8	160.0	23393.6	31.0	-62.6	99.9	127.4	7.5	-6.0	4.6	568.8	999.9	99.9	999.9	113.5	97.
83.2	161.0	23805.9	29.0	-61.6	99.9	252.5	6.6	6.3	2.0	582.2	999.9	99.9	999.9	112.2	97.
85.1	162.0	24485.5	26.0	-59.7	99.9	258.1	16.0	15.7	3.3	606.2	999.9	99.9	999.9	114.3	97.
86.9	163.0	25253.1	23.0	-59.2	99.9	261.6	25.8	25.5	3.8	629.4	999.9	99.9	999.9	116.9	96.
88.8	164.0	26128.7	20.0	-59.3	99.9	266.5	11.8	11.8	0.7	654.5	999.9	99.9	999.9	118.9	96.
91.1	165.0	26791.2	18.0	-57.6	99.9	255.4	19.2	18.6	4.8	679.9	999.9	99.9	999.9	119.8	96.
93.8	166.0	27955.8	15.0	-52.5	99.9	260.9	24.5	24.1	3.9	733.4	999.9	99.9	999.9	123.8	96.
97.1	167.0	29401.0	12.0	-51.6	99.9	999.9	99.9	99.9	99.9	785.0	999.9	99.9	999.9	999.9	999.

STATION NO. 261  
DEL RIO, TFX

6 FEBRUARY 1975  
515 GMT

153 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SFC	POT T DG K	F POT T DG K	MX PTD GM/KG	PH PCT	RANGF KM	AZ DG
0.0	8.2	314.0	979.4	12.9	10.1	150.0	2.1	-1.0	1.8	288.8	309.4	8.0	83.0	0.0	0.
0.3	9.0	395.5	970.0	15.0	9.6	167.6	8.7	-1.9	8.5	291.7	312.2	7.8	70.4	0.2	353.
0.7	10.0	501.2	958.0	16.2	9.2	167.1	9.2	-2.0	9.0	293.9	314.3	7.7	63.3	0.3	351.
1.2	11.0	617.4	945.0	15.6	7.7	165.9	9.9	-2.4	9.6	294.4	313.1	7.0	59.3	0.6	349.
1.5	12.0	716.8	934.0	15.4	6.9	164.9	9.8	-2.6	9.5	295.1	313.1	6.7	56.8	0.8	348.
1.9	13.0	817.1	923.0	14.2	7.4	169.7	8.4	-1.5	8.2	294.9	313.8	7.0	63.7	1.0	347.
2.2	14.0	909.1	913.0	13.2	8.0	173.9	8.1	-0.9	8.1	294.9	314.7	7.4	70.5	1.2	348.
2.7	15.0	1011.1	902.0	12.5	8.8	184.5	8.0	0.6	8.0	295.2	316.4	7.9	78.6	1.4	350.
3.0	16.0	1132.9	889.0	11.5	9.9	195.5	7.7	2.1	7.4	295.5	318.6	8.7	89.8	1.6	351.
3.4	17.0	1237.3	878.0	11.5	8.6	229.0	6.9	5.2	4.5	296.5	318.0	8.0	82.2	1.7	355.
3.8	18.0	1333.3	868.0	12.3	6.3	256.7	7.0	6.8	1.6	298.1	317.0	6.9	66.8	1.8	0.
4.1	19.0	1440.3	857.0	12.3	1.9	271.9	7.5	7.5	-0.2	299.0	313.3	5.2	49.3	1.8	5.
4.5	20.0	1538.7	847.0	11.9	-1.3	282.9	8.1	7.9	-1.8	299.4	311.0	4.1	39.8	1.8	10.
4.8	21.0	1667.9	834.0	11.1	-5.0	286.4	8.6	8.2	-2.4	299.8	308.9	3.2	31.7	1.8	15.
5.3	22.0	1768.4	824.0	10.2	-6.7	291.6	9.5	8.9	-3.5	299.9	308.0	2.8	29.8	1.8	24.
5.6	23.0	1869.7	814.0	9.5	-7.8	294.0	10.2	9.3	-4.2	300.1	307.7	2.6	28.7	1.8	30.
6.0	24.0	1982.3	803.0	8.4	-8.7	295.1	11.3	10.2	-5.0	300.1	307.3	2.5	28.7	1.8	38.
6.4	25.0	2075.3	794.0	7.5	-9.7	296.5	11.9	10.7	-5.3	300.1	306.9	2.3	28.3	1.9	46.
6.8	26.0	2211.0	781.0	6.6	-10.4	297.5	11.7	10.4	-5.4	300.6	307.1	2.2	28.3	2.0	54.
7.2	27.0	2305.9	772.0	5.8	-11.1	297.9	11.7	10.3	-5.4	300.6	306.8	2.1	28.4	2.2	61.
7.6	28.0	2423.1	761.0	4.6	-11.5	297.1	12.1	10.8	-5.5	300.5	306.7	2.1	29.9	2.3	66.
7.9	29.0	2519.9	752.0	4.1	-12.0	296.5	12.8	11.4	-5.7	301.0	307.0	2.0	29.9	2.4	70.
8.3	30.0	2628.6	742.0	3.6	-13.2	296.3	14.0	12.6	-6.2	301.6	307.2	1.9	28.0	2.7	75.
8.5	31.0	2727.5	733.0	3.2	-13.7	296.3	14.7	13.2	-6.5	302.3	307.7	1.8	27.7	2.8	77.
8.9	32.0	2838.8	723.0	2.9	-14.3	296.9	16.3	14.5	-7.4	303.1	308.4	1.7	26.9	3.1	81.
9.3	33.0	2940.1	714.0	2.4	-14.2	296.7	17.7	15.8	-8.0	303.6	309.0	1.8	28.1	3.5	85.
9.6	34.0	3053.9	704.0	1.6	-14.1	296.2	18.7	16.8	-8.2	303.9	309.5	1.8	30.0	3.7	88.
10.0	35.0	3157.4	695.0	0.8	-14.8	294.7	19.7	17.9	-8.3	304.2	309.4	1.7	30.0	4.1	92.
10.4	36.0	3257.1	683.0	-0.0	-15.5	293.2	20.6	19.0	-8.1	304.8	309.9	1.7	30.0	4.6	94.
10.8	37.0	3403.2	674.0	-0.5	-15.6	292.2	21.6	20.0	-8.2	305.4	310.5	1.7	30.7	5.1	95.
11.2	38.0	3510.5	665.0	-1.2	-15.5	291.7	22.5	20.9	-8.3	305.9	311.1	1.7	32.5	5.6	97.
11.5	39.0	3618.9	656.0	-2.4	-14.4	291.5	23.3	21.7	-8.6	305.7	311.5	1.9	39.2	6.0	98.
11.9	40.0	3740.7	646.0	-3.3	-12.6	291.5	23.8	22.2	-8.7	306.0	312.7	2.2	48.5	6.6	99.
12.4	41.0	3876.4	635.0	-4.3	-12.4	291.5	23.9	22.2	-8.8	306.5	313.4	2.3	52.8	7.3	100.
12.8	42.0	3988.8	626.0	-5.3	-12.9	291.5	23.8	22.2	-8.8	306.5	313.3	2.3	54.8	7.9	101.
13.2	43.0	4102.3	617.0	-6.2	-13.5	291.3	24.0	22.4	-8.7	306.7	313.3	2.2	56.2	8.4	102.
13.7	44.0	4204.3	609.0	-7.1	-13.3	290.7	24.1	22.5	-8.5	306.8	313.6	2.2	61.0	9.1	103.
14.0	45.0	4320.2	600.0	-8.3	-13.7	290.4	23.9	22.4	-8.3	306.8	313.5	2.2	64.9	9.6	103.
14.4	46.0	4437.6	591.0	-8.7	-13.6	290.0	23.1	21.7	-7.9	307.6	314.4	2.3	67.5	10.1	103.
14.8	47.0	4556.4	582.0	-9.6	-14.2	289.0	22.5	21.3	-7.4	307.9	314.6	2.2	68.8	10.6	104.
15.2	48.0	4676.8	573.0	-9.9	-16.7	287.8	22.4	21.3	-6.8	308.9	314.5	1.8	57.3	11.2	104.
15.7	49.0	4785.4	565.0	-9.4	-18.6	286.5	22.5	21.5	-6.4	310.6	315.5	1.6	47.1	11.9	104.
16.0	50.0	4909.4	556.0	-9.9	-20.3	286.0	22.6	21.7	-6.2	311.5	315.9	1.4	42.1	12.2	104.
16.7	51.0	5035.2	547.0	-10.6	-21.9	285.5	23.0	22.2	-6.1	312.1	316.0	1.2	38.8	13.2	104.
17.0	52.0	5162.7	538.0	-11.5	-22.7	285.1	23.1	22.3	-6.0	312.6	316.2	1.1	38.8	13.7	104.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
515 GMT

153 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
17.5	53.0	5277.4	530.0	-12.2	-24.1	284.1	24.0	23.3	-5.8	313.0	316.3	1.0	36.0	14.3	104.
17.9	54.0	5393.5	522.0	-13.2	-25.2	282.8	25.0	24.4	-5.5	313.2	316.3	0.9	35.5	14.9	104.
18.3	55.0	5511.0	514.0	-14.1	-26.1	281.1	25.5	25.0	-4.9	313.4	316.3	0.9	35.4	15.6	104.
18.8	56.0	5674.8	503.0	-15.4	-27.1	278.9	25.5	25.2	-4.0	313.8	316.5	0.8	35.7	16.3	104.
19.2	57.0	5780.7	496.0	-15.2	-31.7	277.4	25.5	25.3	-3.3	315.2	317.0	0.5	22.9	16.9	104.
19.7	58.0	5903.5	488.0	-15.7	-33.2	275.8	25.5	25.4	-2.6	316.1	317.8	0.5	20.4	17.7	103.
20.2	59.0	6012.3	481.0	-16.6	-33.8	274.1	25.6	25.5	-1.8	316.3	317.8	0.5	20.9	18.4	103.
20.7	60.0	6138.1	473.0	-17.6	-34.3	272.5	26.1	26.1	-1.1	316.6	318.1	0.4	21.4	19.2	103.
21.1	61.0	6249.5	466.0	-18.7	-34.5	271.5	26.6	26.6	-0.7	316.6	318.1	0.4	23.1	19.8	102.
21.6	62.0	6378.3	458.0	-19.7	-35.1	270.3	26.1	26.1	-0.1	316.8	318.3	0.4	24.0	20.7	102.
22.0	63.0	6508.8	450.0	-21.0	-35.6	269.3	24.6	24.6	0.3	316.9	318.3	0.4	25.2	21.3	102.
22.6	64.0	6641.1	442.0	-22.0	-36.5	269.9	23.7	23.7	0.0	317.2	318.5	0.4	25.3	22.0	101.
23.0	65.0	6758.3	435.0	-23.0	-37.0	271.7	24.3	24.2	-0.7	317.4	318.7	0.4	26.1	22.6	101.
23.7	66.0	6911.3	426.0	-23.9	-37.8	275.7	25.8	25.6	-2.6	318.1	319.3	0.3	26.1	23.6	100.
24.1	67.0	7049.4	418.0	-25.0	-38.7	277.8	25.9	25.7	-3.5	318.5	319.6	0.3	26.2	24.3	100.
24.6	68.0	7172.0	411.0	-26.0	-38.9	279.9	25.4	25.0	-4.4	318.7	319.8	0.3	28.3	25.1	100.
25.0	69.0	7296.0	404.0	-27.2	-40.1	280.8	25.0	24.5	-4.7	318.7	319.7	0.3	28.0	25.7	100.
25.7	70.0	7421.7	397.0	-28.3	-41.2	280.8	26.5	26.0	-4.9	318.9	319.8	0.3	27.4	26.7	100.
26.0	71.0	7567.4	389.0	-29.2	-42.8	280.7	27.2	26.7	-5.1	319.5	320.3	0.2	25.3	27.2	100.
26.5	72.0	7696.9	382.0	-30.4	-43.7	281.4	26.9	26.4	-5.3	319.6	320.4	0.2	25.7	28.1	100.
26.9	73.0	7828.1	375.0	-31.4	-45.2	282.1	26.2	25.7	-5.5	319.9	320.6	0.2	24.0	28.7	100.
27.4	74.0	7947.1	369.0	-32.4	-46.0	282.3	26.8	26.1	-5.7	320.2	320.8	0.2	24.0	29.4	101.
27.8	75.0	8076.9	362.0	-33.6	-46.4	282.3	27.9	27.3	-6.0	320.3	320.9	0.2	25.9	30.0	101.
28.2	76.0	8213.5	355.0	-34.9	-47.5	282.7	28.5	27.8	-6.3	320.3	320.8	0.1	26.0	30.8	101.
29.7	77.0	8332.3	349.0	-35.7	-48.2	283.8	28.1	27.3	-6.7	320.8	321.3	0.1	26.0	31.7	101.
29.1	78.0	8472.8	342.0	-37.1	-49.0	284.7	27.8	26.9	-7.0	320.8	321.3	0.1	27.4	32.3	101.
29.5	79.0	8594.9	336.0	-38.1	-49.5	285.3	28.4	27.4	-7.5	321.0	321.4	0.1	28.7	32.8	101.
29.9	80.0	8718.7	330.0	-39.2	99.9	285.8	29.4	28.3	-8.0	321.2	999.9	99.9	999.9	33.7	101.
30.5	81.0	8886.3	322.0	-40.7	99.9	286.1	30.0	28.8	-8.3	321.4	999.9	99.9	999.9	34.7	101.
30.9	82.0	9035.6	315.0	-41.7	99.9	285.6	30.6	29.5	-8.2	322.1	999.9	99.9	999.9	35.5	101.
31.4	83.0	9143.7	310.0	-43.1	99.9	284.9	31.7	30.7	-8.1	321.6	999.9	99.9	999.9	36.2	101.
31.9	84.0	9275.1	304.0	-44.1	99.9	284.7	32.0	31.0	-8.1	322.0	999.9	99.9	999.9	37.5	101.
32.5	85.0	9430.9	297.0	-45.5	99.9	285.4	32.0	30.8	-8.5	322.1	999.9	99.9	999.9	38.3	101.
33.1	86.0	9589.5	290.0	-46.8	99.9	285.3	31.5	30.3	-8.3	322.5	999.9	99.9	999.9	39.7	102.
33.7	87.0	9727.7	284.0	-48.2	99.9	283.7	29.5	28.7	-7.0	322.5	999.9	99.9	999.9	40.8	102.
34.2	88.0	9844.5	279.0	-49.2	99.9	281.9	28.7	28.1	-5.9	322.6	999.9	99.9	999.9	41.5	102.
34.8	89.0	9986.7	273.0	-50.4	99.9	280.3	30.3	29.8	-5.4	322.9	999.9	99.9	999.9	42.6	102.
35.2	90.0	10131.3	267.0	-51.5	99.9	279.4	32.8	32.4	-5.4	323.4	999.9	99.9	999.9	43.3	102.
35.7	91.0	10253.7	262.0	-52.8	99.9	278.3	36.3	35.9	-5.3	323.3	999.9	99.9	999.9	44.4	102.
36.1	92.0	10377.8	257.0	-53.7	99.9	277.4	37.7	37.4	-4.8	323.7	999.9	99.9	999.9	45.4	102.
36.7	93.0	10529.2	251.0	-55.2	99.9	275.6	34.8	34.6	-3.4	323.7	999.9	99.9	999.9	46.7	101.
37.1	94.0	10657.3	246.0	-56.3	99.9	274.1	31.6	31.5	-2.3	323.8	999.9	99.9	999.9	47.7	101.
37.7	95.0	10787.2	241.0	-57.8	99.9	273.2	31.5	31.5	-1.8	323.5	999.9	99.9	999.9	48.4	101.
38.2	96.0	10945.8	235.0	-59.1	99.9	274.0	35.1	35.0	-2.4	324.0	999.9	99.9	999.9	49.4	101.
38.7	97.0	11107.5	229.0	-60.3	99.9	274.3	36.9	36.8	-2.8	324.5	999.9	99.9	999.9	50.7	101.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
515 GMT

153 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
39.2	98.0	11244.7	224.0	-61.6	99.9	274.7	36.3	36.2	-3.0	324.6	999.9	99.9	999.9	51.7	101.
39.6	99.0	11384.7	219.0	-61.4	99.9	275.8	35.9	35.7	-3.6	326.9	999.9	99.9	999.9	52.4	101.
39.9	100.0	11527.9	214.0	-61.6	99.9	277.1	35.8	35.5	-4.4	328.8	999.9	99.9	999.9	53.3	101.
40.5	101.0	11674.1	209.0	-62.3	99.9	281.2	35.5	34.9	-6.9	329.9	999.9	99.9	999.9	54.6	100.
41.0	102.0	11823.4	204.0	-62.9	99.9	285.8	37.0	35.6	-10.1	331.3	999.9	99.9	999.9	55.3	100.
41.5	103.0	11976.6	199.0	-62.0	99.9	288.8	38.9	36.8	-12.5	335.1	999.9	99.9	999.9	57.0	101.
42.0	104.0	12103.3	195.0	-58.2	99.9	288.8	37.7	35.7	-12.2	343.1	999.9	99.9	999.9	57.6	101.
42.5	105.0	12267.0	190.0	-58.0	99.9	286.0	33.2	31.9	-9.2	345.9	999.9	99.9	999.9	59.4	101.
43.0	106.0	12435.3	185.0	-57.2	99.9	282.1	29.4	28.8	-6.2	350.0	999.9	99.9	999.9	59.7	101.
43.6	107.0	12573.5	181.0	-57.7	99.9	280.2	31.0	30.5	-5.5	351.3	999.9	99.9	999.9	60.9	101.
44.0	108.0	12714.3	177.0	-58.4	99.9	279.5	34.1	33.7	-5.6	352.5	999.9	99.9	999.9	61.5	101.
44.6	109.0	12858.0	173.0	-58.7	99.9	276.4	35.6	35.4	-4.0	354.2	999.9	99.9	999.9	63.0	101.
45.1	110.0	13041.6	168.0	-60.0	99.9	273.2	32.6	32.5	-1.8	355.1	999.9	99.9	999.9	64.2	101.
45.8	111.0	13230.6	163.0	-59.4	99.9	271.9	29.7	29.7	-1.0	359.1	999.9	99.9	999.9	65.2	101.
46.4	112.0	13346.8	160.0	-59.6	99.9	274.6	32.7	32.6	-2.6	360.7	999.9	99.9	999.9	66.3	101.
46.8	113.0	13504.9	156.0	-60.3	99.9	276.9	34.4	34.1	-4.2	362.1	999.9	99.9	999.9	67.1	100.
47.3	114.0	13666.5	152.0	-61.2	99.9	279.4	34.2	33.8	-5.6	363.3	999.9	99.9	999.9	68.3	100.
47.9	115.0	13831.9	148.0	-61.6	99.9	280.0	32.7	32.2	-5.7	365.4	999.9	99.9	999.9	69.4	100.
48.5	116.0	14044.5	143.0	-62.3	99.9	278.2	33.6	33.3	-4.8	367.7	999.9	99.9	999.9	70.4	100.
49.0	117.0	14175.3	140.0	-62.9	99.9	277.3	34.3	34.0	-4.4	368.9	999.9	99.9	999.9	71.7	100.
49.5	118.0	14353.6	136.0	-63.3	99.9	278.3	33.5	33.2	-4.9	371.3	999.9	99.9	999.9	72.6	100.
50.0	119.0	14536.9	132.0	-63.9	99.9	281.8	33.6	32.9	-6.8	373.5	999.9	99.9	999.9	73.5	100.
50.7	120.0	14677.8	129.0	-64.1	99.9	286.2	36.4	35.0	-10.1	375.6	999.9	99.9	999.9	75.1	100.
51.2	121.0	14870.4	125.0	-64.6	99.9	286.2	37.1	35.6	-10.3	377.9	999.9	99.9	999.9	76.1	101.
51.8	122.0	15018.6	122.0	-65.0	99.9	284.4	32.2	31.2	-8.0	379.9	999.9	99.9	999.9	77.8	101.
52.4	123.0	15170.2	119.0	-65.6	99.9	283.7	27.3	26.5	-6.5	381.5	999.9	99.9	999.9	78.3	101.
53.0	124.0	15324.9	116.0	-66.9	99.9	281.8	29.7	28.1	-5.9	382.0	999.9	99.9	999.9	79.6	101.
53.6	125.0	15483.1	113.0	-67.3	99.9	277.1	33.8	33.5	-4.2	384.1	999.9	99.9	999.9	80.5	101.
54.2	126.0	15700.3	109.0	-67.5	99.9	274.4	38.6	38.5	-3.0	377.6	999.9	99.9	999.9	81.8	101.
54.9	127.0	15868.4	106.0	-67.5	99.9	272.9	36.8	36.7	-1.8	390.8	999.9	99.9	999.9	83.9	100.
55.5	128.0	16099.7	102.0	-68.1	99.9	271.4	32.9	32.9	-0.8	393.8	999.9	99.9	999.9	84.4	100.
56.0	129.0	16278.6	99.0	-69.0	99.9	269.5	31.1	31.1	0.3	395.5	999.9	99.9	999.9	86.1	100.
56.7	130.0	16400.5	97.0	-69.7	99.9	267.7	29.0	29.0	1.2	396.6	999.9	99.9	999.9	86.9	100.
57.3	131.0	16651.0	93.0	-70.4	99.9	271.4	29.0	29.0	-0.7	400.0	999.9	99.9	999.9	88.0	100.
57.9	132.0	16845.7	90.0	-70.6	99.9	276.9	30.0*	29.8	-3.6	403.3	999.9	99.9	999.9	89.0	100.
58.6	133.0	17046.9	87.0	-70.6	99.9	279.7	30.2*	29.8	-5.1	407.3	999.9	99.9	999.9	90.2	100.
59.3	134.0	17185.2	85.0	-69.5	99.9	282.2	24.7*	24.2	-5.2	412.3	999.9	99.9	999.9	91.7	100.
60.0	135.0	17400.1	82.0	-68.6	99.9	286.2	23.2*	22.3	-6.5	418.3	999.9	99.9	999.9	91.9	100.
60.7	136.0	17624.0	79.0	-67.5	99.9	282.1	24.5*	24.0	-5.1	425.0	999.9	99.9	999.9	93.6	100.
61.3	137.0	17856.2	76.0	-69.2	99.9	277.6	25.1*	24.9	-3.3	426.1	999.9	99.9	999.9	94.2	100.
62.0	138.0	18096.3	73.0	-70.1	99.9	273.1	23.8*	23.8	-1.3	429.2	999.9	99.9	999.9	95.5	100.
62.8	139.0	18347.0	70.0	-68.1	99.9	269.0	19.8	19.8	0.3	438.6	999.9	99.9	999.9	96.3	100.
63.5	140.0	18610.9	67.0	-66.9	99.9	269.3	20.6	20.6	0.3	446.9	999.9	99.9	999.9	97.3	100.
64.3	141.0	18888.8	64.0	-65.2	99.9	266.9	16.9	16.8	0.9	456.4	999.9	99.9	999.9	98.1	100.
65.3	142.0	19182.4	61.0	-63.5	99.9	268.9	12.7	12.7	0.2	466.6	999.9	99.9	999.9	99.2	99.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.2	143.0	19387.1	59.0	-63.5	99.9	273.5	10.4	10.4	-0.6	471.1	999.9	99.9	999.9	99.4	99.
67.1	144.0	19706.5	56.0	-65.0	99.9	272.8	13.6	13.6	-0.7	474.6	999.9	99.9	999.9	100.1	99.
68.0	145.0	20040.8	53.0	-66.7	99.9	279.6	9.8	9.7	-1.6	478.4	999.9	99.9	999.9	100.8	99.
69.0	146.0	20273.9	51.0	-65.8	99.9	277.4	11.2	11.1	-1.4	485.6	999.9	99.9	999.9	101.0	99.
70.1	147.0	20642.8	48.0	-65.0	99.9	294.8	9.4	8.5	-3.9	496.0	999.9	99.9	999.9	102.5	99.
71.1	148.0	20902.1	46.0	-65.2	99.9	265.0	15.1	15.1	1.3	501.6	999.9	99.9	999.9	103.1	100.
71.9	149.0	21314.2	43.0	-63.9	99.9	243.9	13.2	11.9	5.8	514.8	999.9	99.9	999.9	103.4	99.
73.0	150.0	21606.7	41.0	-63.1	99.9	256.3	10.8	10.5	2.6	523.7	999.9	99.9	999.9	103.8	99.
74.2	151.0	22076.5	38.0	-61.0	99.9	265.7	13.9	13.9	1.0	540.5	999.9	99.9	999.9	105.6	99.
75.7	152.0	22411.6	36.0	-62.1	99.9	257.5	8.7	8.5	1.9	546.0	999.9	99.9	999.9	105.1	99.
76.7	153.0	22949.4	33.0	-62.1	99.9	269.6	24.9	24.9	0.2	559.8	999.9	99.9	999.9	106.7	99.
78.0	154.0	23338.3	31.0	-59.4	99.9	275.3	17.3	17.2	-1.6	577.2	999.9	99.9	999.9	108.2	99.
79.7	155.0	23976.1	28.0	-59.1	99.9	266.7	25.8	25.8	1.5	595.3	999.9	99.9	999.9	110.5	98.
81.4	156.0	24439.2	26.0	-60.5	99.9	195.6	7.1	1.9	6.8	604.0	999.9	99.9	999.9	110.6	98.
82.9	157.0	24936.8	24.0	-61.4	99.9	259.5	17.7	17.4	3.2	615.3	999.9	99.9	999.9	111.9	98.
85.0	158.0	25767.5	21.0	-60.1	99.9	307.7	22.0	17.4	-13.4	643.1	999.9	99.9	999.9	115.4	97.
87.1	159.0	26397.8	19.0	-56.2	99.9	255.7	17.2	16.7	4.2	674.1	999.9	99.9	999.9	117.0	97.
89.3	160.0	27492.6	16.0	-55.2	99.9	999.9	99.9	99.9	99.9	711.3	999.9	99.9	999.9	999.9	999.

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
1115 GMT

153 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	314.0	983.6	8.5	6.0	360.0	5.1	0.0	-5.1	283.8	299.1	6.0	84.0	0.0	0.
0.2	8.0	344.3	980.0	8.1	3.6	2.6	5.9	-0.3	-5.9	283.5	296.7	5.1	73.1	0.2	177.
0.5	9.0	437.5	969.0	7.2	4.1	2.6	5.9	-0.3	-5.9	283.6	297.3	5.3	80.3	0.2	177.
0.8	10.0	522.7	959.0	6.0	3.4	18.2	4.6	-1.4	-4.3	283.2	296.4	5.1	83.7	0.3	179.
1.3	11.0	634.6	946.0	5.5	3.5	28.2	8.7	-4.1	-7.7	283.7	297.3	5.2	87.2	0.4	190.
1.5	12.0	730.4	935.0	6.0	4.1	26.9	11.9	-5.4	-10.6	285.3	299.6	5.5	87.9	0.4	197.
1.9	13.0	827.7	924.0	7.0	5.8	8.5	11.8	-1.8	-11.7	287.4	303.8	6.3	91.7	0.9	197.
2.2	14.0	926.4	913.0	7.0	6.0	351.4	8.7	1.3	-8.6	288.4	305.3	6.5	93.4	1.1	194.
2.5	15.0	1016.9	903.0	6.0	5.1	307.5	5.7	4.5	-3.4	288.2	304.3	6.1	94.4	1.1	189.
2.9	16.0	1135.8	890.0	5.6	4.9	306.2	5.1	4.1	-3.0	289.0	305.1	6.1	94.7	1.2	184.
3.3	17.0	1237.7	879.0	5.1	4.3	299.0	4.8	4.2	-2.3	289.5	305.3	6.0	94.8	1.3	179.
3.7	18.0	1331.2	869.0	4.8	4.0	296.1	4.9	4.4	-2.2	290.1	305.7	5.9	94.7	1.3	175.
4.1	19.0	1425.7	859.0	4.4	3.7	302.4	5.8	4.9	-3.1	290.7	306.1	5.8	94.8	1.4	170.
4.6	20.0	1521.2	849.0	4.3	3.5	313.8	8.1	5.9	-5.6	291.4	307.0	5.8	94.8	1.5	165.
5.0	21.0	1646.9	836.0	3.6	2.8	316.9	9.6	6.5	-7.0	292.0	307.1	5.6	94.6	1.7	162.
5.3	22.0	1744.5	826.0	2.6	1.7	317.1	9.8	6.7	-7.2	291.9	306.0	5.3	93.9	1.9	160.
5.7	23.0	1843.1	816.0	2.1	1.2	319.5	10.3	6.8	-7.7	292.4	306.2	5.1	93.8	2.1	157.
6.0	24.0	1942.7	806.0	1.2	0.3	320.2	10.9	6.9	-8.3	292.5	305.7	4.9	93.7	2.3	156.
6.3	25.0	2043.1	796.0	0.4	-3.2	316.5	12.5	8.6	-9.1	292.5	303.0	3.8	76.4	2.5	155.
6.6	26.0	2154.8	785.0	0.1	-5.8	312.2	13.5	10.0	-9.0	293.3	302.1	3.2	64.5	2.7	153.
6.9	27.0	2267.9	774.0	-0.4	-8.2	304.8	13.1	10.8	-7.5	293.8	301.4	2.7	55.2	3.0	151.
7.1	28.0	2361.8	765.0	1.4	-7.4	300.4	13.1	11.3	-6.6	296.8	305.0	2.9	51.7	3.1	149.
7.5	29.0	2467.7	755.0	0.0	-7.8	293.2	13.4	12.3	-5.3	297.2	305.2	2.8	52.4	3.4	147.
7.8	30.0	2563.9	746.0	0.3	-10.8	290.5	14.1	13.2	-4.9	297.6	304.1	2.3	43.1	3.6	144.
8.0	31.0	2661.3	737.0	0.8	-18.6	288.8	14.5	13.8	-4.7	299.0	302.7	1.2	21.8	3.7	142.
8.3	32.0	2771.1	727.0	1.1	-23.0	288.5	15.7	14.9	-5.0	300.5	303.1	0.8	14.5	3.9	140.
8.7	33.0	2871.4	718.0	2.1	-20.7	287.7	17.4	16.6	-5.3	302.7	305.9	1.0	16.5	4.2	137.
9.1	34.0	2972.9	709.0	0.9	-16.5	286.1	19.0	18.2	-5.3	302.6	307.1	1.5	25.7	4.6	135.
9.4	35.0	3087.0	699.0	0.4	-15.4	284.0	19.9	19.3	-4.8	303.3	308.3	1.6	29.2	5.0	133.
9.9	36.0	3214.1	688.0	-0.0	-14.6	280.8	20.8	20.4	-3.9	304.1	309.6	1.8	32.4	5.5	129.
10.3	37.0	3319.4	679.0	-0.8	-14.5	278.6	21.1	20.9	-3.2	304.4	310.0	1.8	34.7	6.0	127.
10.6	38.0	3425.9	670.0	-1.2	-14.4	276.9	21.2	21.1	-2.5	305.2	310.9	1.9	35.6	6.3	125.
11.0	39.0	3533.6	661.0	-2.0	-14.6	273.9	21.1	21.0	-1.4	305.5	311.2	1.9	37.3	6.8	123.
11.3	40.0	3642.5	652.0	-2.6	-14.5	270.4	20.9	20.9	-0.1	306.0	311.8	1.9	39.2	7.1	122.
11.7	41.0	3765.0	642.0	-3.0	-14.4	265.8	21.0	20.9	1.6	306.8	312.8	2.0	41.1	7.5	120.
12.1	42.0	3876.6	633.0	-4.1	-15.0	261.8	21.4	21.2	3.0	306.8	312.6	1.9	42.4	7.9	117.
12.4	43.0	3989.5	624.0	-4.7	-14.6	260.1	21.9	21.6	3.8	307.4	313.4	2.0	45.9	8.2	116.
12.8	44.0	4090.9	616.0	-5.5	-14.3	259.4	22.3	21.9	4.1	307.7	313.9	2.1	49.9	8.7	114.
13.0	45.0	4206.4	607.0	-5.8	-14.7	259.3	22.4	22.0	4.2	308.6	314.8	2.0	49.4	8.9	113.
13.4	46.0	4310.1	599.0	-7.1	-16.3	260.7	22.1	21.8	3.6	308.2	313.7	1.8	48.0	9.3	111.
13.7	47.0	4428.1	590.0	-7.7	-16.9	262.8	22.1	21.9	2.8	308.8	314.2	1.7	47.7	9.7	109.
14.0	48.0	4534.2	582.0	-8.5	-18.7	265.5	22.2	22.2	1.8	309.2	313.8	1.5	43.1	10.1	109.
14.3	49.0	4641.4	574.0	-9.3	-19.0	269.5	23.4	23.4	0.2	309.4	314.0	1.5	45.2	10.4	108.
14.7	50.0	4749.8	566.0	-10.1	-19.3	274.2	25.1	25.1	-1.8	309.7	314.3	1.5	46.4	10.9	107.
15.1	51.0	4900.9	555.0	-10.9	-19.9	277.5	26.7	26.5	-3.5	310.5	314.9	1.4	47.2	11.6	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DFL RIO, TEX

6 FEBRUARY 1975  
1115 GMT

153 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.5	52.0	5012.3	547.0	-11.8	-19.9	279.1	27.1	26.7	-4.3	310.7	315.3	1.4	50.7	12.3	106.
15.9	53.0	5125.0	539.0	-12.6	-21.0	279.0	26.6	26.3	-4.2	311.0	315.2	1.3	49.3	12.9	106.
16.3	54.0	5239.1	531.0	-13.1	-24.7	279.1	26.9	26.6	-4.2	311.8	314.9	1.0	36.7	13.5	105.
16.8	55.0	5340.2	524.0	-13.6	-25.7	279.5	27.8	27.4	-4.6	312.3	315.2	0.9	35.1	14.3	105.
17.5	56.0	5486.6	514.0	-14.2	-26.9	279.7	27.4	27.1	-4.6	313.3	316.0	0.8	33.1	15.7	105.
18.0	57.0	5605.5	506.0	-14.5	-32.6	278.6	26.8	26.5	-4.0	314.4	316.0	0.5	19.6	16.3	104.
18.7	58.0	5726.2	498.0	-15.1	-34.7	277.0	28.7	28.4	-3.5	314.9	316.3	0.4	16.9	17.4	104.
19.1	59.0	5833.0	491.0	-15.7	-39.5	276.1	28.8	28.6	-3.1	315.5	316.4	0.2	10.8	18.2	104.
19.5	60.0	5956.7	483.0	-16.5	-49.3	275.1	27.4	27.3	-2.4	316.0	316.3	0.1	3.9	18.9	103.
20.1	61.0	6066.4	476.0	-16.9	-60.7	274.8	25.9	25.8	-2.2	316.8	316.8	0.0	1.0	19.8	103.
20.5	62.0	6193.5	468.0	-17.1	-60.8	275.4	25.9	25.8	-2.4	319.1	318.2	0.0	1.0	20.4	103.
20.8	63.0	6306.3	461.0	-18.2	-61.5	275.9	26.0	25.9	-2.7	318.1	318.2	0.0	1.0	20.8	103.
21.3	64.0	6420.4	454.0	-19.1	-62.1	277.2	25.9	25.7	-3.2	318.3	318.4	0.0	1.0	21.7	102.
21.6	65.0	6535.9	447.0	-19.7	-62.4	278.4	25.9	25.7	-3.8	319.1	319.2	0.0	1.0	22.1	102.
22.0	66.0	6686.6	438.0	-20.9	-63.2	280.7	26.4	25.9	-4.9	319.4	319.5	0.0	1.0	22.6	102.
22.4	67.0	6805.4	431.0	-21.9	-63.9	282.6	26.9	26.3	-5.9	319.5	319.6	0.0	1.0	23.3	102.
22.7	68.0	6925.7	424.0	-22.6	-64.3	283.4	27.2	26.4	-6.3	320.2	320.2	0.0	1.0	23.9	102.
23.0	69.0	7047.6	417.0	-23.8	-65.1	283.8	27.3	26.5	-6.5	320.2	320.2	0.0	1.0	24.4	102.
23.3	70.0	7170.9	410.0	-25.0	-65.9	284.0	27.9	27.1	-6.7	320.2	320.2	0.0	1.0	24.8	102.
23.8	71.0	7313.8	402.0	-26.3	-66.7	284.8	29.1	28.2	-7.5	320.3	320.3	0.0	1.0	25.6	102.
24.1	72.0	7440.5	395.0	-27.4	-67.4	285.7	29.6	28.5	-8.0	320.5	320.5	0.0	1.0	26.2	102.
24.5	73.0	7569.0	388.0	-28.2	-68.0	287.6	29.3	27.9	-8.9	321.1	321.2	0.0	1.0	27.0	102.
24.7	74.0	7680.6	382.0	-29.3	-68.7	288.5	28.6	27.1	-9.1	321.0	321.0	0.0	1.0	27.3	102.
25.1	75.0	7812.4	375.0	-30.5	-69.5	290.0	27.5	25.8	-9.4	321.1	321.2	0.0	1.0	27.9	103.
25.5	76.0	7946.0	368.0	-31.6	-70.2	290.8	27.1	25.3	-9.6	321.4	321.5	0.0	1.0	28.6	103.
25.9	77.0	8042.6	363.0	-32.5	-70.8	290.8	27.9	26.1	-9.9	321.5	321.5	0.0	1.0	29.1	103.
26.3	78.0	8179.5	356.0	-33.8	-71.7	290.8	28.7	26.8	-10.2	321.5	321.5	0.0	1.0	29.9	103.
26.8	79.0	8319.4	349.0	-35.0	-65.3	290.9	29.7	27.8	-10.6	321.7	321.8	0.0	2.8	30.8	103.
27.1	80.0	8439.1	343.0	-35.9	-65.8	290.9	30.6	28.6	-11.0	322.0	322.1	0.0	2.9	31.3	104.
27.7	81.0	8582.0	336.0	-37.1	-66.3	290.7	33.2	31.1	-11.7	322.3	322.4	0.0	3.0	32.4	104.
28.2	82.0	8727.2	329.0	-38.4	-65.6	290.3	34.2	32.0	-11.8	322.6	322.7	0.0	3.8	33.5	104.
28.7	83.0	8853.4	323.0	-39.4	-66.2	290.1	34.0	31.9	-11.7	322.8	322.9	0.0	3.9	34.5	104.
29.1	84.0	8981.5	317.0	-40.7	99.9	290.1	33.6	31.6	-11.6	322.9	999.9	99.9	999.9	35.2	104.
29.7	85.0	9089.4	312.0	-41.9	99.9	290.0	33.7	31.7	-11.5	322.7	999.9	99.9	999.9	36.6	105.
30.1	86.0	9264.9	304.0	-43.1	99.9	289.9	34.8	32.7	-11.9	323.3	999.9	99.9	999.9	37.3	105.
30.6	87.0	9376.4	299.0	-44.3	99.9	290.0	36.1	34.0	-12.3	323.3	999.9	99.9	999.9	38.1	105.
31.0	88.0	9511.9	293.0	-45.4	99.9	289.7	34.3	32.3	-11.6	323.6	999.9	99.9	999.9	39.9	105.
31.5	89.0	9626.5	288.0	-46.5	99.9	289.5	30.6	29.0	-9.7	323.5	999.9	99.9	999.9	40.0	105.
32.0	90.0	9765.9	282.0	-47.7	99.9	286.7	32.9	31.5	-9.5	323.8	999.9	99.9	999.9	40.9	105.
32.5	91.0	9883.8	277.0	-48.6	99.9	285.7	36.4	35.0	-9.8	324.2	999.9	99.9	999.9	42.1	105.
32.9	92.0	10027.4	271.0	-49.9	99.9	285.2	35.5	34.3	-9.3	324.3	999.9	99.9	999.9	43.3	105.
33.3	93.0	10148.8	266.0	-51.1	99.9	284.7	35.0	33.9	-8.9	324.3	999.9	99.9	999.9	43.9	105.
33.8	94.0	10271.9	261.0	-52.3	99.9	283.9	36.4	35.3	-8.8	324.3	999.9	99.9	999.9	44.7	105.
34.3	95.0	10421.9	255.0	-53.6	99.9	283.1	37.1	36.2	-8.4	324.6	999.9	99.9	999.9	46.2	105.
34.9	96.0	10574.7	249.0	-54.5	99.9	281.5	33.8	33.1	-6.8	325.4	999.9	99.9	999.9	47.4	105.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
1115 GMT

153 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.3	97.0	10704.2	244.0	-56.0	99.9	280.1	31.5	31.1	-5.5	325.1	999.9	99.9	999.9	48.1	105.
35.8	98.0	10835.5	239.0	-57.3	99.9	278.6	29.6	29.2	-4.4	325.0	999.9	99.9	999.9	49.0	105.
36.1	99.0	10968.8	234.0	-58.5	99.9	277.5	28.7	28.4	-3.8	325.2	999.9	99.9	999.9	49.6	105.
36.5	100.0	11076.9	230.0	-59.7	99.9	275.7	27.7	27.6	-2.7	325.0	999.9	99.9	999.9	50.5	105.
37.0	101.0	11241.6	224.0	-61.1	99.9	274.2	31.1	31.0	-2.3	325.3	999.9	99.9	999.9	50.8	105.
37.5	102.0	11381.4	219.0	-62.2	99.9	275.6	38.0	37.8	-3.7	325.7	999.9	99.9	999.9	51.9	104.
37.9	103.0	11524.0	214.0	-62.6	99.9	277.5	40.7	40.4	-5.3	327.3	999.9	99.9	999.9	53.2	104.
38.5	104.0	11640.2	210.0	-63.1	99.9	281.4	39.8	39.0	-7.9	323.2	999.9	99.9	999.9	54.4	104.
38.9	105.0	11788.0	205.0	-64.3	99.9	286.1	36.9	35.5	-10.2	328.6	999.9	99.9	999.9	55.6	104.
39.1	106.0	11908.4	201.0	-64.9	99.9	288.6	35.8	34.0	-11.4	329.6	999.9	99.9	999.9	56.0	104.
39.5	107.0	12031.1	197.0	-64.7	99.9	293.6	34.3	31.4	-13.7	331.8	999.9	99.9	999.9	56.7	104.
39.9	108.0	12189.6	192.0	-60.6	99.9	294.4	35.7	32.5	-14.7	340.8	999.9	99.9	999.9	57.4	104.
40.4	109.0	12321.3	188.0	-58.7	99.9	292.1	38.0	35.2	-14.3	345.9	999.9	99.9	999.9	58.5	104.
41.0	110.0	12456.6	184.0	-58.0	99.9	289.2	34.6	36.5	-12.7	349.2	999.9	99.9	999.9	60.3	105.
41.7	111.0	12630.5	179.0	-57.5	99.9	291.4	38.6	35.9	-14.1	352.8	999.9	99.9	999.9	61.5	105.
42.0	112.0	12773.0	175.0	-58.3	99.9	293.5	38.6	35.3	-15.4	353.7	999.9	99.9	999.9	62.4	105.
42.5	113.0	12918.2	171.0	-59.0	99.9	295.6	35.1	31.6	-15.2	354.9	999.9	99.9	999.9	63.7	105.
43.0	114.0	13066.3	167.0	-60.2	99.9	292.2	31.7	29.3	-12.0	355.2	999.9	99.9	999.9	64.4	105.
43.5	115.0	13217.1	163.0	-61.1	99.9	287.0	32.1	30.7	-9.4	356.2	999.9	99.9	999.9	65.1	105.
44.1	116.0	13410.5	158.0	-61.3	99.9	285.2	33.9	32.7	-8.9	359.1	999.9	99.9	999.9	66.7	105.
44.5	117.0	13529.7	155.0	-60.6	99.9	286.0	36.6	35.2	-10.1	362.3	999.9	99.9	999.9	67.3	105.
45.1	118.0	13692.3	151.0	-60.9	99.9	287.6	41.0	39.0	-12.4	364.4	999.9	99.9	999.9	68.5	105.
45.6	119.0	13859.1	147.0	-61.1	99.9	286.2	37.1	35.6	-10.4	366.9	999.9	99.9	999.9	70.6	105.
46.2	120.0	13987.0	144.0	-61.7	99.9	282.1	31.6	30.9	-6.6	368.1	999.9	99.9	999.9	71.1	105.
46.8	121.0	14161.2	140.0	-62.4	99.9	283.3	40.6	39.5	-9.3	369.8	999.9	99.9	999.9	71.9	105.
47.3	122.0	14294.8	137.0	-62.8	99.9	285.3	49.5	47.7	-13.1	371.5	999.9	99.9	999.9	73.6	105.
47.8	123.0	14477.4	133.0	-62.8	99.9	286.6	45.1	43.2	-12.9	374.6	999.9	99.9	999.9	75.7	105.
48.2	124.0	14617.7	130.0	-63.7	99.9	286.1	35.0	33.2	-10.9	375.4	999.9	99.9	999.9	76.7	105.
48.8	125.0	14760.6	127.0	-64.7	99.9	292.0	26.4	24.5	-9.9	376.2	999.9	99.9	999.9	77.1	105.
49.5	126.0	14955.8	123.0	-65.1	99.9	291.6	33.2	30.9	-12.2	378.9	999.9	99.9	999.9	78.5	105.
50.1	127.0	15157.0	119.0	-65.9	99.9	287.8	35.7	34.0	-10.9	381.1	999.9	99.9	999.9	79.6	106.
50.7	128.0	15312.0	116.0	-65.9	99.9	282.1	33.2*	32.5	-7.0	383.9	999.9	99.9	999.9	81.1	106.
51.3	129.0	15470.8	113.0	-66.7	99.9	278.8	36.3*	35.9	-5.5	385.2	999.9	99.9	999.9	81.9	105.
51.9	130.0	15633.5	110.0	-66.9	99.9	281.1	45.6*	44.7	-8.8	387.8	999.9	99.9	999.9	83.4	105.
52.6	131.0	15857.3	106.0	-66.9	99.9	284.2	48.0*	46.5	-11.8	392.0	999.9	99.9	999.9	85.7	105.
53.1	132.0	16030.2	103.0	-68.1	99.9	285.0	42.2*	40.6	-11.0	392.8	999.9	99.9	999.9	87.3	105.
53.7	133.0	16207.4	100.0	-69.0	99.9	285.2	37.9*	36.6	-9.9	394.5	999.9	99.9	999.9	88.3	105.
54.2	134.0	16389.3	97.0	-69.6	99.9	285.1	36.6*	35.4	-9.5	396.7	999.9	99.9	999.9	89.5	105.
54.9	135.0	16576.1	94.0	-70.7	99.9	283.5	28.0*	27.2	-6.5	398.1	999.9	99.9	999.9	91.1	105.
55.5	136.0	16768.4	91.0	-70.7	99.9	277.2	18.3*	18.1	-2.3	401.8	999.9	99.9	999.9	92.1	105.
56.5	137.0	16967.1	88.0	-70.9	99.9	279.0	22.6*	22.3	-3.5	405.2	999.9	99.9	999.9	93.2	105.
57.2	138.0	17172.4	85.0	-71.2	99.9	286.2	30.6*	29.4	-8.5	408.8	999.9	99.9	999.9	93.7	105.
58.1	139.0	17458.5	81.0	-69.8	99.9	290.7	29.5*	27.6	-10.4	417.2	999.9	99.9	999.9	95.8	105.
58.9	140.0	17623.8	78.0	-69.0	99.9	292.9	20.8*	19.1	-8.1	423.6	999.9	99.9	999.9	97.0	105.
59.8	141.0	17917.9	75.0	-69.8	99.9	275.4	13.8*	13.7	-1.3	426.5	999.9	99.9	999.9	97.7	105.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPFED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DFL PLO, TEX

6 FEBRUARY 1975  
1115 GMT

153 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIF DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.7	142.0	18160.8	72.0	-70.0	99.9	265.9	19.1*	19.0	1.4	431.1	999.9	99.9	999.9	98.6	105.
61.5	143.0	18413.5	69.0	-70.9	99.9	274.6	27.3*	27.2	-2.2	434.4	999.9	99.9	999.9	99.0	105.
62.3	144.0	18677.5	66.0	-69.8	99.9	279.0	24.6*	24.3	-3.8	442.4	999.9	99.9	999.9	101.3	105.
63.2	145.0	18955.3	63.0	-68.7	99.9	278.3	21.8*	21.6	-3.1	450.7	999.9	99.9	999.9	101.8	105.
64.4	146.0	19248.8	60.0	-66.9	99.9	270.9	20.2*	20.2	-0.3	461.3	999.9	99.9	999.9	103.6	105.
65.3	147.0	19561.5	57.0	-63.1	99.9	261.6	13.3*	13.1	1.9	476.5	999.9	99.9	999.9	104.9	104.
66.4	148.0	19781.1	55.0	-63.3	99.9	201.9	6.0*	2.2	5.5	481.0	999.9	99.9	999.9	105.2	104.
67.7	149.0	20124.2	52.0	-65.3	99.9	272.6	11.6*	11.6	-0.5	484.3	999.9	99.9	999.9	105.0	104.
69.0	150.0	20485.1	49.0	-66.5	99.9	280.8	24.1	23.7	-4.5	489.7	999.9	99.9	999.9	106.8	104.
70.2	151.0	20868.5	46.0	-65.5	99.9	253.2	11.8	11.3	3.4	501.1	999.9	99.9	999.9	108.2	104.
71.8	152.0	21140.7	44.0	-62.8	99.9	278.9	20.1	19.8	-3.1	514.0	999.9	99.9	999.9	109.2	104.
73.1	153.0	21574.5	41.0	-64.1	99.9	272.3	13.8	13.8	-0.6	521.2	999.9	99.9	999.9	111.0	104.
74.5	154.0	22042.9	38.0	-61.3	99.9	262.1	12.8	12.7	1.8	539.8	999.9	99.9	999.9	110.6	103.
75.9	155.0	22552.5	35.0	-61.9	99.9	230.8	10.3	8.0	6.5	551.2	999.9	99.9	999.9	113.0	103.
77.8	156.0	23106.0	32.0	-62.8	99.9	263.4	16.6	16.5	1.9	563.0	999.9	99.9	999.9	113.7	103.
79.5	157.0	23505.4	30.0	-60.9	99.9	276.7	20.8	20.6	-2.4	578.5	999.9	99.9	999.9	115.6	103.
81.6	158.0	24160.3	27.0	-60.9	99.9	282.5	34.5	33.7	-7.5	596.2	999.9	99.9	999.9	119.6	103.
83.5	159.0	24857.5	24.0	-58.0	99.9	999.9	99.9	99.9	99.9	625.2	999.9	99.9	999.9	999.9	999.

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
1425 GMT

161 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	314.0	989.8	4.5	-0.7	360.0	9.3	0.0	-9.3	278.9	288.5	3.7	69.0	0.0	0.
0.5	8.0	394.9	980.0	2.9	-2.2	2.6	9.8	-0.4	-9.8	278.1	286.8	3.3	68.9	0.2	184.
0.9	9.0	477.9	970.0	2.1	-1.8	359.9	9.9	0.0	-9.9	278.1	287.1	3.5	75.5	0.4	183.
1.2	10.0	569.9	959.0	1.6	-0.9	358.1	10.2	0.3	-10.2	278.6	288.3	3.8	83.6	0.6	182.
1.6	11.0	671.3	947.0	0.5	-1.3	356.3	10.6	0.7	-10.6	278.4	287.9	3.7	87.7	0.8	180.
1.9	12.0	765.0	936.0	-0.6	-1.7	355.8	10.7	0.8	-10.7	278.2	287.5	3.6	92.3	1.0	180.
2.2	13.0	850.7	926.0	-1.6	-2.5	354.4	10.9	1.1	-10.8	278.0	287.0	3.5	93.9	1.2	179.
2.5	14.0	937.2	916.0	-2.2	-2.4	352.4	11.0	1.4	-10.9	278.2	287.4	3.5	99.0	1.4	178.
2.8	15.0	1024.3	906.0	-3.0	-3.1	349.8	10.8	1.9	-10.7	278.3	287.1	3.4	99.4	1.6	177.
3.1	16.0	1129.9	894.0	-3.5	-3.5	346.8	10.7	2.4	-10.4	278.9	287.5	3.3	100.1	1.8	176.
3.5	17.0	1218.9	884.0	-4.1	-4.1	341.4	10.4	3.3	-9.8	279.1	287.5	3.2	100.0	2.1	175.
3.9	18.0	1317.6	873.0	-4.7	-4.7	329.0	10.1	5.2	-8.6	279.5	287.6	3.1	101.2	2.3	173.
4.5	19.0	1409.1	863.0	0.2	-18.6	325.8	10.6	5.9	-8.7	285.2	288.1	1.0	22.7	2.6	169.
4.8	20.0	1493.2	854.0	1.0	-18.4	335.8	10.7	4.4	-9.8	286.9	289.9	1.0	21.8	2.8	168.
5.3	21.0	1616.5	841.0	0.8	-18.8	343.1	11.8	3.4	-11.3	288.0	291.0	1.0	21.3	3.1	167.
5.7	22.0	1702.9	832.0	1.0	-17.3	339.8	12.6	4.3	-11.8	289.1	292.5	1.2	24.0	3.4	167.
6.0	23.0	1800.0	822.0	1.0	-14.6	334.3	13.0	5.6	-11.7	290.1	294.4	1.5	29.9	3.7	167.
6.4	24.0	1898.4	812.0	0.8	-13.2	326.9	13.8	7.5	-11.5	291.0	295.9	1.7	34.1	4.0	165.
6.7	25.0	1987.8	803.0	-0.0	-12.3	322.2	13.1	8.0	-10.3	291.1	296.4	1.9	39.0	4.2	164.
7.0	26.0	2108.2	791.0	-0.6	-12.0	316.8	11.8	8.1	-8.6	291.6	297.2	1.9	41.9	4.5	163.
7.4	27.0	2195.6	782.0	-1.1	-11.1	303.4	10.1	8.5	-5.6	292.1	298.1	2.1	46.4	4.6	161.
7.7	28.0	2302.2	772.0	-1.6	-9.7	296.2	11.1	9.9	-4.9	292.7	299.4	2.4	53.7	4.8	160.
7.9	29.0	2395.8	763.0	-0.6	-9.2	293.6	12.4	11.3	-5.0	294.7	301.8	2.5	52.2	4.9	158.
8.3	30.0	2490.9	754.0	0.8	-12.5	289.3	14.5	13.7	-4.8	297.2	302.9	1.9	36.2	5.1	156.
8.7	31.0	2587.5	745.0	2.1	-17.7	285.8	16.2	15.6	-4.4	299.6	303.4	1.3	21.3	5.3	153.
9.0	32.0	2696.6	735.0	1.9	-12.6	283.4	17.3	16.8	-4.0	300.7	306.5	2.0	33.1	5.6	150.
9.4	33.0	2795.9	726.0	1.6	-12.6	280.2	18.0	17.7	-3.2	301.4	307.3	2.0	33.8	5.9	147.
9.8	34.0	2896.3	717.0	1.0	-12.3	278.1	18.4	18.2	-2.6	301.7	307.9	2.1	36.2	6.2	144.
10.1	35.0	2986.4	709.0	-0.0	-12.3	277.3	18.6	18.5	-2.4	301.6	307.9	2.1	39.0	6.4	142.
10.6	36.0	3111.5	698.0	-0.6	-12.0	277.2	18.9	18.7	-2.4	302.3	308.8	2.2	41.9	6.8	138.
10.9	37.0	3215.1	689.0	-1.1	-11.9	277.2	19.0	18.9	-2.4	302.9	309.5	2.2	43.6	7.1	137.
11.3	38.0	3319.9	680.0	-1.6	-12.2	276.2	19.5	19.4	-2.1	303.5	310.0	2.2	44.0	7.4	134.
11.7	39.0	3425.9	671.0	-2.2	-12.1	274.0	20.1	20.0	-1.4	303.9	310.6	2.2	46.5	7.8	132.
12.1	40.0	3533.1	662.0	-2.7	-12.0	271.0	20.6	20.6	-0.4	304.6	311.5	2.3	48.6	8.2	130.
12.5	41.0	3653.6	652.0	-3.8	-12.8	267.4	20.9	20.9	0.9	304.7	311.3	2.2	49.6	8.6	128.
12.9	42.0	3751.1	644.0	-4.2	-13.0	265.6	21.4	21.3	1.7	305.2	311.8	2.2	50.4	8.9	126.
13.4	43.0	3861.9	635.0	-4.9	-13.3	266.0	22.2	22.1	1.6	305.8	312.2	2.1	51.3	9.4	123.
13.7	44.0	3961.7	627.0	-5.0	-14.2	267.1	22.6	22.6	1.1	306.7	312.8	2.0	48.4	9.8	122.
14.0	45.0	4075.2	618.0	-5.6	-14.8	268.4	23.1	23.1	0.6	307.2	313.2	2.0	48.3	10.1	120.
14.4	46.0	4177.3	610.0	-6.5	-15.7	269.8	23.6	23.6	0.1	307.3	313.0	1.8	47.8	10.6	119.
14.7	47.0	4280.4	602.0	-7.3	-15.5	270.6	23.9	23.9	-0.3	307.6	313.4	1.9	51.4	11.0	118.
15.1	48.0	4384.6	594.0	-7.7	-16.9	271.5	24.0	24.0	-0.6	308.3	313.5	1.7	47.4	11.5	116.
15.4	49.0	4490.1	586.0	-8.0	-17.4	272.2	23.8	23.8	-0.9	309.1	314.3	1.7	46.6	11.9	115.
15.8	50.0	4596.8	578.0	-8.7	-20.2	273.5	23.5	23.5	-1.4	309.4	313.6	1.3	38.7	12.5	114.
16.1	51.0	4731.8	568.0	-9.6	-21.6	274.9	23.5	23.4	-2.0	309.9	313.7	1.2	36.0	12.8	114.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
1425 GMT

161 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.5	52.0	4841.3	560.0	-9.9	-32.7	277.4	24.0	23.8	-3.1	310.8	312.2	0.4	13.4	13.3	113.
16.9	53.0	4952.1	552.0	-10.6	-33.2	279.9	25.5	25.1	-4.4	311.2	312.6	0.4	13.5	13.9	113.
17.2	54.0	5050.2	545.0	-11.0	-42.9	281.4	26.4	25.8	-5.2	311.8	312.3	0.2	5.2	14.4	112.
17.5	55.0	5163.7	537.0	-11.5	-27.0	282.7	27.2	26.5	-6.0	312.7	315.2	0.8	26.2	14.9	112.
17.9	56.0	5307.5	527.0	-12.6	-25.2	283.5	27.1	26.3	-6.3	313.0	316.0	0.9	34.0	15.6	111.
18.2	57.0	5409.5	520.0	-13.0	-25.6	283.6	26.9	26.2	-6.3	313.7	316.7	0.9	33.7	16.0	111.
18.7	58.0	5512.7	513.0	-13.7	-26.6	283.3	26.9	26.2	-6.2	314.0	315.8	0.8	32.2	16.8	111.
19.0	59.0	5632.0	505.0	-14.4	-28.4	282.8	27.1	26.5	-6.0	314.6	317.0	0.7	29.2	17.3	111.
19.4	60.0	5737.7	498.0	-15.1	-29.4	281.9	27.4	26.8	-5.7	315.0	317.2	0.7	28.1	17.9	110.
19.8	61.0	5859.9	490.0	-16.1	-30.8	280.8	27.4	26.9	-5.2	315.3	317.3	0.6	26.7	18.6	110.
20.2	62.0	5968.2	483.0	-16.6	-31.6	279.5	27.4	27.0	-4.5	315.9	317.8	0.6	26.0	19.3	110.
20.6	63.0	6077.9	476.0	-16.8	-36.0	277.8	27.3	27.0	-3.7	317.0	318.3	0.4	17.0	19.8	109.
21.0	64.0	6189.1	469.0	-17.2	-37.5	275.6	26.9	26.8	-2.6	317.8	319.0	0.3	15.1	20.6	109.
21.4	65.0	6301.6	462.0	-18.1	-38.5	272.6	25.8	25.8	-1.2	318.0	319.0	0.3	14.7	21.2	109.
22.0	66.0	6448.3	453.0	-19.2	-40.4	269.9	25.4	25.4	0.0	318.4	319.3	0.2	13.2	21.9	108.
22.3	67.0	6564.0	446.0	-19.8	-41.2	270.8	25.8	25.8	-0.4	319.2	320.0	0.2	12.8	22.4	107.
22.8	68.0	6681.2	439.0	-20.7	-41.5	272.6	25.9	25.9	-1.2	319.4	320.2	0.2	12.9	23.2	107.
23.2	69.0	6799.8	432.0	-21.9	-42.1	273.9	25.3	25.2	-1.7	319.4	320.1	0.2	14.0	23.9	107.
23.7	70.0	6902.5	426.0	-23.0	-41.7	274.8	24.3	24.2	-2.0	319.3	320.1	0.2	16.1	24.5	106.
24.0	71.0	7058.7	417.0	-23.9	-42.1	275.1	23.9	23.8	-2.1	320.1	320.9	0.2	16.6	25.0	106.
24.4	72.0	7182.0	410.0	-25.2	-42.2	275.7	23.8	23.7	-2.4	319.9	320.7	0.2	18.6	25.5	106.
24.8	73.0	7288.9	404.0	-26.3	-42.6	276.2	24.2	24.0	-2.6	319.9	320.6	0.2	19.1	26.1	106.
25.2	74.0	7396.8	398.0	-27.3	-43.5	276.5	25.1	24.9	-2.8	319.9	320.6	0.2	19.7	26.6	105.
25.7	75.0	7524.3	391.0	-28.6	-44.0	276.8	26.6	26.4	-3.2	319.8	320.5	0.2	21.1	27.4	105.
26.1	76.0	7634.8	385.0	-29.8	-45.0	277.5	27.5	27.3	-3.6	319.6	320.3	0.2	21.1	28.1	105.
26.5	77.0	7765.3	378.0	-30.9	-45.8	273.8	27.8	27.4	-4.3	319.9	320.5	0.2	21.2	28.7	105.
26.8	78.0	7878.7	372.0	-31.3	-46.2	280.1	27.6	27.2	-4.8	320.9	321.5	0.2	21.2	29.2	105.
27.2	79.0	7993.7	366.0	-32.5	-46.5	281.7	27.4	26.9	-5.6	320.8	321.4	0.2	22.9	29.9	105.
27.7	80.0	8129.5	359.0	-33.5	-48.0	283.8	27.6	26.8	-6.6	321.1	321.6	0.1	21.4	30.7	105.
28.2	81.0	8267.3	352.0	-34.8	-49.5	286.1	29.6	28.5	-6.2	321.2	321.6	0.1	20.7	31.5	105.
28.7	82.0	8387.0	346.0	-36.2	-50.7	287.4	32.5	31.0	-5.7	320.9	321.4	0.1	21.6	32.3	105.
29.1	83.0	8528.6	339.0	-37.4	-50.5	297.6	33.1	31.6	-10.0	321.2	321.6	0.1	23.6	33.4	105.
29.5	84.0	8651.6	333.0	-38.4	-51.0	287.0	30.8	29.5	-9.0	321.4	321.7	0.1	24.8	34.3	105.
29.8	85.0	8755.4	328.0	-39.4	-51.4	286.3	28.8	27.7	-8.1	321.5	321.8	0.1	26.3	34.7	105.
30.4	86.0	8902.6	321.0	-41.0	99.5	285.8	27.9	26.8	-7.6	321.3	999.9	99.9	999.9	35.5	105.
30.8	87.0	9030.5	315.0	-42.3	99.5	286.6	29.3	28.1	-8.4	321.3	999.9	99.9	999.9	36.2	105.
31.3	88.0	9138.5	310.0	-43.4	99.5	288.1	31.1	29.5	-9.7	321.2	999.9	99.9	999.9	37.2	105.
31.7	89.0	9269.7	304.0	-44.5	99.5	289.4	31.6	29.8	-10.5	321.4	999.9	99.9	999.9	37.9	105.
32.1	90.0	9402.9	298.0	-45.8	99.9	290.3	31.1	29.2	-10.8	321.5	999.9	99.9	999.9	38.6	105.
32.4	91.0	9515.3	293.0	-46.6	99.9	290.3	29.9	28.1	-10.4	321.8	999.9	99.9	999.9	39.4	105.
32.9	92.0	9652.2	287.0	-47.9	99.9	288.2	28.6	27.2	-8.9	321.9	999.9	99.9	999.9	40.1	105.
33.5	93.0	9767.9	282.0	-49.1	99.5	286.2	30.3	29.1	-8.4	321.8	999.9	99.9	999.9	40.9	105.
33.9	94.0	9885.1	277.0	-49.7	99.5	288.4	31.7	30.0	-10.0	322.6	999.9	99.9	999.9	42.0	105.
34.3	95.0	10003.9	272.0	-51.2	99.5	289.9	32.0	30.1	-10.9	322.1	999.9	99.9	999.9	42.7	105.
34.7	96.0	10173.0	265.0	-52.4	99.9	289.4	31.7	29.9	-10.5	322.7	999.9	99.9	999.9	43.4	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
1425 GMT

161 17.0

TIME MIN	CNCT	HEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.2	97.0	10295.8	260.0	-53.7	99.9	286.1	30.7	29.5	-8.5	322.6	999.9	99.9	999.9	44.4	106.
35.7	98.0	10420.2	255.0	-54.0	99.9	281.0	23.5	27.4	-6.4	322.0	999.9	99.9	999.9	45.3	106.
36.1	99.0	10548.4	250.0	-55.2	99.9	281.4	26.2	25.6	-6.2	322.5	999.9	99.9	999.9	46.0	105.
36.6	100.0	10674.4	245.0	-57.6	99.9	280.3	24.9	24.5	-6.4	322.4	999.9	99.9	999.9	46.7	105.
37.1	101.0	10830.6	239.0	-58.8	99.9	280.8	27.4	26.9	-5.1	323.1	999.9	99.9	999.9	47.3	105.
37.4	102.0	10936.3	235.0	-60.1	99.9	281.6	29.8	29.2	-6.0	323.3	999.9	99.9	999.9	47.8	105.
37.9	103.0	11070.2	230.0	-61.0	99.9	282.6	31.7	30.9	-6.9	323.0	999.9	99.9	999.9	49.0	105.
38.4	104.0	11208.5	225.0	-61.9	99.9	284.3	31.0	30.0	-7.7	323.8	999.9	99.9	999.9	49.8	105.
38.8	105.0	11317.3	221.0	-62.5	99.9	287.1	30.7	29.3	-9.0	324.4	999.9	99.9	999.9	50.6	105.
39.2	106.0	11458.4	218.0	-62.9	99.9	290.1	30.8	29.0	-10.6	325.0	999.9	99.9	999.9	51.3	105.
39.7	107.0	11573.4	212.0	-63.4	99.9	291.4	31.2	29.0	-11.4	326.9	999.9	99.9	999.9	52.3	105.
40.2	108.0	11721.8	207.0	-58.4	99.9	288.9	31.7	30.0	-10.2	337.0	999.9	99.9	999.9	53.2	106.
40.8	109.0	11844.9	203.0	-57.1	99.9	285.1	34.3	33.1	-9.0	341.0	999.9	99.9	999.9	54.4	105.
41.3	110.0	11970.9	199.0	-58.7	99.9	285.2	37.5	36.2	-5.8	343.4	999.9	99.9	999.9	55.3	105.
41.9	111.0	12165.0	193.0	-58.7	99.9	287.3	39.9	38.1	-11.9	346.5	999.9	99.9	999.9	57.1	105.
42.5	112.0	12297.7	189.0	-58.9	99.9	289.7	33.0	35.7	-1.8	348.3	999.9	99.9	999.9	58.0	106.
42.9	113.0	12398.9	186.0	-57.6	99.9	290.8	34.8	32.5	-17.3	349.8	999.9	99.9	999.9	59.4	106.
43.3	114.0	12570.7	181.0	-58.4	99.9	290.9	32.1	30.0	-17.5	350.1	999.9	99.9	999.9	59.9	106.
43.8	115.0	12710.9	177.0	-59.3	99.9	289.2	29.6	28.0	-9.8	351.0	999.9	99.9	999.9	60.8	106.
44.3	116.0	12890.0	172.0	-60.3	99.9	288.0	28.4	27.3	-7.8	352.1	999.9	99.9	999.9	61.8	106.
44.8	117.0	12999.5	169.0	-61.0	99.9	283.6	32.7	31.8	-7.7	352.7	999.9	99.9	999.9	62.4	106.
45.3	118.0	13143.4	165.0	-60.8	99.9	283.7	40.2*	47.8	-11.6	355.4	999.9	99.9	999.9	63.4	106.
45.8	119.0	13300.9	161.0	-61.2	99.9	284.4	61.8*	61.8	-15.9	357.3	999.9	99.9	999.9	64.4	106.
46.4	120.0	13457.3	157.0	-60.7	99.9	286.2	43.2*	41.4	-12.0	360.8	999.9	99.9	999.9	70.7	106.
47.0	121.0	13577.1	154.0	-61.6	99.9	314.1	6.9*	4.9	-4.8	361.3	999.9	99.9	999.9	66.9	106.
47.5	122.0	13739.9	150.0	-62.5	99.9	308.0	13.8*	10.8	-8.5	362.5	999.9	99.9	999.9	68.3	106.
48.0	123.0	13864.5	147.0	-62.7	99.9	297.1	30.0*	26.7	-13.7	364.2	999.9	99.9	999.9	69.5	106.
48.7	124.0	14034.4	143.0	-63.0	99.9	294.3	34.5	31.4	-14.2	366.5	999.9	99.9	999.9	70.7	106.
49.1	125.0	14165.0	140.0	-62.7	99.9	292.8	35.4	32.6	-15.7	369.4	999.9	99.9	999.9	71.7	106.
49.7	126.0	14343.6	136.0	-63.0	99.9	290.6	38.0	35.6	-15.4	371.8	999.9	99.9	999.9	72.8	106.
50.0	127.0	14527.1	132.0	-63.4	99.9	289.5	39.2	37.0	-15.1	374.3	999.9	99.9	999.9	73.5	106.
50.4	128.0	14668.2	129.0	-63.8	99.9	286.9	38.9	37.2	-11.3	376.1	999.9	99.9	999.9	74.7	106.
50.9	129.0	14812.3	126.0	-64.6	99.9	283.5	38.6	37.5	-5.0	377.2	999.9	99.9	999.9	75.6	106.
51.5	130.0	14959.0	123.0	-65.9	99.9	280.2	38.6	38.0	-6.8	377.3	999.9	99.9	999.9	77.1	106.
52.2	131.0	15159.3	119.0	-66.7	99.9	277.0	33.1	37.8	-4.0	379.4	999.9	99.9	999.9	78.8	106.
52.8	132.0	15313.5	116.0	-67.1	99.9	277.9	30.8	30.5	-4.2	381.5	999.9	99.9	999.9	79.6	106.
53.3	133.0	15471.3	113.0	-68.0	99.9	280.8	33.5	32.9	-6.3	382.8	999.9	99.9	999.9	80.5	106.
53.7	134.0	15632.5	110.0	-69.5	99.9	282.3	34.8	34.0	-7.4	382.9	999.9	99.9	999.9	81.4	106.
54.3	135.0	15797.1	107.0	-70.3	99.9	283.8	31.6	30.7	-7.6	384.3	999.9	99.9	999.9	82.8	106.
54.9	136.0	15965.8	104.0	-70.8	99.9	285.5	27.1	26.1	-7.3	386.6	999.9	99.9	999.9	83.7	106.
55.6	137.0	16198.3	100.0	-70.8	99.9	287.3	24.0	23.7	-7.4	391.0	999.9	99.9	999.9	84.9	106.
56.3	138.0	16379.0	97.0	-70.3	99.9	285.3	23.1	22.3	-6.1	395.3	999.9	99.9	999.9	85.8	106.
57.0	139.0	16566.1	94.0	-69.5	99.9	280.7	23.8	23.4	-4.4	400.6	999.9	99.9	999.9	86.8	106.
57.8	140.0	16760.0	91.0	-68.6	99.9	288.0	30.2	28.7	-9.3	406.0	999.9	99.9	999.9	87.9	106.
58.5	141.0	17028.5	87.0	-69.9	99.9	292.3	27.5	25.5	-10.4	408.6	999.9	99.9	999.9	90.0	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DPL RIO, TEX

6 FEBRUARY 1975  
1425 GMT

161 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
59.2	142.0	17237.4	84.0	-69.9	99.9	287.5	21.1	20.1	-0.3	412.8	999.9	99.9	999.9	90.2	106.
60.0	143.0	17454.1	81.0	-69.5	99.9	279.6	23.0	22.7	-1.8	413.0	999.9	99.9	999.9	91.3	106.
60.8	144.0	17680.6	78.0	-67.1	99.9	278.8	23.7	23.4	-1.6	427.3	999.9	99.9	999.9	92.5	106.
61.7	145.0	17917.2	75.0	-67.1	99.9	283.8	22.0	21.3	-1.2	432.1	999.9	99.9	999.9	93.7	106.
62.5	146.0	18163.8	72.0	-66.7	99.9	282.5	15.4	15.0	-3.3	438.1	999.9	99.9	999.9	95.0	106.
63.4	147.0	18421.4	69.0	-66.3	99.9	279.2	16.8	16.6	-2.7	444.3	999.9	99.9	999.9	95.4	106.
64.2	148.0	18600.3	67.0	-64.8	99.9	280.2	19.4	19.1	-3.4	451.5	999.9	99.9	999.9	96.4	106.
65.2	149.0	18879.9	64.0	-64.8	99.9	280.0	14.8	14.5	-2.6	457.5	999.9	99.9	999.9	97.4	106.
66.0	150.0	19173.0	61.0	-64.8	99.9	284.1	14.0	13.6	-3.4	463.8	999.9	99.9	999.9	98.3	106.
66.9	151.0	19480.8	58.0	-64.8	99.9	278.7	16.3	16.1	-2.5	470.5	999.9	99.9	999.9	98.9	106.
68.0	152.0	19656.2	56.0	-62.5	99.9	242.2	9.5	8.4	-1.4	480.4	999.9	99.9	999.9	100.0	105.
69.1	153.0	20037.6	53.0	-60.5	99.9	249.0	11.1	10.2	-1.1	492.7	999.9	99.9	999.9	99.9	105.
70.1	154.0	20277.9	51.0	-59.7	99.9	281.2	15.3	15.0	-3.0	501.0	999.9	99.9	999.9	100.9	105.
71.1	155.0	20656.6	48.0	-60.5	99.9	287.6	23.8	22.7	-7.2	506.8	999.9	99.9	999.9	102.0	105.
72.2	156.0	21058.9	45.0	-60.1	99.9	286.9	13.3	12.8	-3.9	517.1	999.9	99.9	999.9	103.6	105.
73.3	157.0	21490.1	42.0	-59.4	99.9	255.0	11.9	11.5	-1.1	529.2	999.9	99.9	999.9	104.1	105.
74.4	158.0	21795.8	40.0	-59.1	99.9	270.3	17.7	17.7	-0.1	537.5	999.9	99.9	999.9	104.8	105.
75.6	159.0	22286.2	37.0	-57.7	99.9	284.8	12.0	11.6	-3.1	553.1	999.9	99.9	999.9	106.1	105.
76.9	160.0	22636.8	35.0	-57.7	99.9	285.1	16.0	15.4	-4.2	561.9	999.9	99.9	999.9	106.9	105.
78.7	161.0	23201.6	32.0	-58.2	99.9	248.5	7.1	6.6	-2.6	575.2	999.9	99.9	999.9	108.1	104.
80.1	162.0	23608.5	30.0	-57.6	99.9	256.0	9.2	8.9	-2.2	587.7	999.9	99.9	999.9	109.3	104.
82.0	163.0	24273.9	27.0	-57.6	99.9	265.1	12.9	12.9	-1.1	605.7	999.9	99.9	999.9	110.6	104.
83.7	164.0	24758.3	25.0	-58.9	99.9	250.7	9.9	9.4	-3.3	615.3	999.9	99.9	999.9	111.0	104.
86.1	165.0	25578.9	22.0	-49.1	99.9	270.2	26.3	26.3	-0.1	667.5	999.9	99.9	999.9	113.6	103.
88.7	166.0	26545.7	19.0	-46.9	99.9	270.4	10.8	10.8	-0.1	702.8	999.9	99.9	999.9	117.3	103.
91.6	167.0	27289.2	17.0	-43.0	99.9	999.9	99.9	99.9	99.9	738.2	999.9	99.9	999.9	999.9	999.

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
1715 GMT

163 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CLMP M/SEC	POT T DG K	E POT T DG K	MX RYO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	314.0	992.4	5.0	-1.0	360.0	8.2	0.0	-9.2	279.2	288.6	3.6	65.0	0.0	0.
0.2	8.0	383.2	984.0	3.1	-3.5	352.7	11.2	1.4	-11.1	277.9	285.7	3.0	61.8	0.4	171.
0.6	9.0	474.2	973.0	2.4	-3.0	352.7	11.2	1.4	-11.2	278.1	286.3	3.1	67.3	0.5	171.
0.9	10.0	557.6	963.0	1.6	-2.0	352.7	11.5	1.5	-11.4	278.1	286.5	3.2	72.1	0.7	171.
1.3	11.0	658.5	951.0	0.6	-2.0	351.1	11.3	1.7	-11.1	278.1	286.7	3.3	78.3	1.0	172.
1.6	12.0	751.8	940.0	-0.4	-2.4	349.2	10.9	2.0	-10.7	278.1	286.7	3.3	83.6	1.2	172.
2.1	13.0	837.3	930.0	-1.3	-2.8	344.1	10.5	2.9	-10.1	278.0	286.7	3.4	89.8	1.5	171.
2.5	14.0	923.4	920.0	-2.1	-3.1	339.5	11.8	4.2	-11.1	278.0	286.6	3.3	92.8	1.7	170.
2.8	15.0	1010.2	910.0	-2.9	-3.5	339.4	12.3	4.3	-11.5	278.1	286.5	3.2	95.2	2.0	168.
3.2	16.0	1115.3	898.0	-3.8	-4.1	339.5	11.8	4.1	-11.0	278.2	286.4	3.1	97.7	2.3	167.
3.5	17.0	1203.7	888.0	-4.6	-4.5	339.7	10.6	3.7	-10.0	278.2	286.3	3.1	100.4	2.5	166.
3.8	18.0	1292.9	878.0	-5.2	-5.2	342.3	9.8	3.0	-9.4	278.5	286.3	3.0	100.3	2.6	166.
4.2	19.0	1382.9	868.0	-5.6	-5.6	349.8	9.8	1.7	-9.6	278.9	286.6	2.9	100.3	2.9	166.
4.5	20.0	1474.2	858.0	-3.7	-7.8	357.1	10.6	0.5	-10.5	281.9	288.5	2.5	72.6	3.0	166.
4.8	21.0	1576.8	847.0	0.1	-17.8	357.4	9.8	0.4	-9.8	286.7	289.9	1.1	24.5	3.2	167.
5.2	22.0	1672.0	837.0	0.3	-19.2	352.3	8.6	1.2	-8.6	286.8	290.7	1.0	21.4	3.4	168.
5.5	23.0	1768.2	827.0	-0.0	-19.5	342.5	7.7	2.3	-7.3	288.5	291.4	1.0	21.4	3.6	168.
5.8	24.0	1865.6	817.0	0.1	-20.0	339.3	9.3	3.3	-9.7	289.6	292.3	0.9	19.1	3.7	167.
6.3	25.0	1954.3	808.0	-0.4	-19.7	337.6	11.4	4.4	-11.6	290.1	293.0	1.0	21.4	4.0	167.
6.6	26.0	2073.8	796.0	-0.8	-19.0	335.0	12.1	5.1	-11.9	290.8	293.9	1.1	23.6	4.3	166.
7.0	27.0	2164.5	787.0	-1.2	-17.2	325.1	12.1	6.9	-10.9	291.4	295.1	1.3	28.1	4.5	165.
7.4	28.0	2266.3	777.0	-1.9	-16.2	317.3	12.3	8.3	-10.0	291.7	295.7	1.4	32.4	4.8	164.
7.7	29.0	2359.8	768.0	-2.7	-16.0	309.5	12.4	9.7	-9.7	291.8	295.9	1.4	35.0	5.0	162.
8.1	30.0	2452.3	759.0	-2.6	-12.5	295.9	13.1	11.7	-9.7	293.0	298.7	2.0	47.1	5.2	161.
8.4	31.0	2547.2	750.0	-1.2	-9.0	288.4	14.0	13.3	-9.4	295.6	303.0	2.6	55.0	5.4	158.
8.8	32.0	2643.8	741.0	0.4	-12.9	281.8	15.5	15.2	-9.2	298.3	304.0	1.9	36.2	5.6	155.
9.1	33.0	2752.9	731.0	1.1	-21.5	278.8	16.7	16.5	-9.5	300.0	302.9	0.9	16.6	5.8	153.
9.5	34.0	2841.4	723.0	1.1	-17.4	277.3	18.1	18.0	-9.3	301.0	305.1	1.3	23.5	6.0	150.
9.8	35.0	2942.0	714.0	0.8	-14.7	277.5	18.8	18.6	-9.5	301.8	307.0	1.7	30.3	6.2	147.
10.3	36.0	3066.6	703.0	0.1	-13.6	277.6	19.0	18.9	-9.5	302.5	308.2	1.9	34.7	6.6	143.
10.6	37.0	3169.7	694.0	-0.8	-13.2	277.3	18.7	18.6	-9.4	302.5	308.5	2.0	38.4	6.9	141.
11.0	38.0	3273.8	685.0	-1.5	-13.0	276.6	18.1	18.0	-9.1	303.0	309.0	2.0	40.2	7.2	139.
11.5	39.0	3367.3	677.0	-2.1	-13.1	275.8	18.2	18.1	-9.0	303.3	309.4	2.1	42.5	7.5	136.
11.8	40.0	3473.5	668.0	-2.6	-12.5	274.8	18.9	18.8	-9.6	303.9	310.5	2.2	46.3	7.8	135.
12.2	41.0	3593.0	658.0	-3.7	-12.8	272.9	19.9	19.9	-9.0	304.0	310.5	2.2	48.8	8.2	132.
12.6	42.0	3701.8	649.0	-4.1	-12.5	270.7	20.8	20.8	-9.2	304.7	311.5	2.3	52.1	8.6	130.
13.0	43.0	3799.6	641.0	-4.4	-12.7	268.9	21.4	21.4	0.4	305.4	312.2	2.2	52.3	9.0	128.
13.4	44.0	3910.9	632.0	-5.0	-14.0	269.6	21.5	21.5	0.5	306.0	312.1	2.0	49.1	9.4	126.
13.8	45.0	4010.9	624.0	-5.9	-14.1	268.2	21.6	21.6	0.7	306.0	312.1	2.0	51.0	9.8	124.
14.2	46.0	4111.8	616.0	-7.0	-15.1	267.3	21.7	21.7	1.0	306.0	311.8	1.9	52.2	10.2	123.
14.5	47.0	4226.6	607.0	-7.4	-14.5	266.2	21.9	21.9	1.4	306.7	312.9	2.0	56.6	10.6	121.
15.0	48.0	4330.0	599.0	-7.6	-15.0	264.7	22.8	22.7	2.1	307.7	313.8	2.0	55.2	11.0	119.
15.4	49.0	4434.6	591.0	-8.0	-26.0	265.6	23.6	23.6	1.8	308.2	310.7	0.8	21.9	11.5	118.
15.8	50.0	4540.4	583.0	-8.3	-25.2	267.9	24.3	24.3	0.9	309.1	311.8	0.8	24.0	12.0	116.
16.4	51.0	4674.5	573.0	-9.2	-23.9	272.0	25.0	25.0	-0.9	309.6	312.7	1.0	29.1	12.8	114.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
1715 GMT

143 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PNT T DG K	E PNT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.8	52.0	4783.1	565.0	-10.0	-30.1	273.9	25.2	25.1	-1.7	309.8	311.6	0.5	17.4	13.4	113.
17.3	53.0	4879.1	558.0	-10.5	-34.9	275.6	25.2	25.1	-2.4	310.4	311.6	0.3	11.4	14.1	112.
17.7	54.0	5004.1	549.0	-11.1	-24.1	276.6	25.1	25.0	-2.9	311.2	314.4	1.0	33.1	14.7	112.
18.1	55.0	5116.7	541.0	-11.6	-27.6	277.3	25.1	24.9	-3.2	311.8	314.2	0.7	25.0	15.3	111.
18.6	56.0	5230.7	533.0	-12.5	-36.8	277.1	25.2	25.0	-3.1	312.1	313.1	0.3	11.0	16.1	111.
19.0	57.0	5346.0	525.0	-13.3	-22.3	276.3	25.6	25.4	-2.8	312.5	316.2	1.2	44.5	16.6	110.
19.5	58.0	5462.8	517.0	-14.2	-23.9	275.1	26.1	26.0	-2.3	312.9	316.3	1.1	43.6	17.4	110.
19.9	59.0	5566.3	510.0	-13.9	-26.4	275.0	26.4	26.3	-2.3	314.4	317.2	0.8	33.1	18.0	109.
20.4	60.0	5686.3	502.0	-14.3	-31.2	276.2	27.0	26.8	-2.9	315.3	317.2	0.6	22.2	19.7	108.
20.7	61.0	5792.8	495.0	-14.6	-34.5	277.2	27.5	27.3	-1.4	316.2	317.6	0.4	16.3	19.2	108.
21.2	62.0	5900.6	488.0	-15.0	-34.5	278.6	28.2	27.8	-1.2	317.0	318.4	0.4	16.9	20.1	108.
21.6	63.0	6025.4	480.0	-16.0	-34.8	278.9	28.2	27.9	-4.4	317.3	318.7	0.4	17.9	20.8	107.
22.0	64.0	6135.9	473.0	-16.6	-39.3	278.5	27.8	27.5	-4.1	317.7	318.7	0.3	11.9	21.4	107.
22.4	65.0	6247.8	466.0	-17.3	-39.8	277.8	27.1	26.8	-3.7	318.2	319.1	0.3	12.0	22.1	107.
22.9	66.0	6393.7	457.0	-18.4	-41.0	277.0	26.4	26.2	-1.2	318.6	319.5	0.2	11.6	22.9	107.
23.4	67.0	6508.7	450.0	-19.2	-41.2	277.0	27.1	26.9	-3.3	319.0	319.9	0.2	12.2	23.6	106.
23.8	68.0	6625.1	443.0	-20.2	-43.2	277.6	28.4	28.2	-3.7	319.3	319.9	0.2	10.7	24.2	106.
24.2	69.0	6742.9	436.0	-21.1	-43.9	278.3	29.1	28.8	-1.2	319.5	320.2	0.2	10.8	25.0	106.
24.5	70.0	6845.1	430.0	-21.8	-44.3	278.8	28.9	28.6	-4.4	319.9	320.6	0.2	10.8	25.6	106.
25.1	71.0	7000.5	421.0	-22.8	-45.1	278.6	27.0	26.7	-4.0	320.5	321.1	0.2	10.9	26.6	105.
25.5	72.0	7123.2	414.0	-23.9	-45.9	279.2	26.9	26.7	-3.9	320.7	321.2	0.1	11.0	27.0	105.
26.0	73.0	7229.7	408.0	-24.3	-50.0	277.3	29.1	28.9	-3.7	321.5	321.9	0.1	7.2	27.9	105.
26.4	74.0	7355.6	401.0	-25.2	-52.9	277.5	29.9	29.8	-2.8	321.9	322.2	0.1	5.5	28.7	105.
26.8	75.0	7483.2	394.0	-26.3	-50.0	273.3	29.6	29.6	-1.7	322.1	322.5	0.1	8.5	29.4	105.
27.2	76.0	7594.0	388.0	-27.2	-50.7	271.7	28.7	29.7	-1.9	322.3	322.7	0.1	8.6	30.1	104.
27.6	77.0	7706.0	382.0	-28.0	-51.2	271.2	27.8	27.7	-0.6	322.7	323.1	0.1	8.7	30.7	104.
28.0	78.0	7838.7	375.0	-28.7	-51.7	272.0	26.9	26.9	-1.0	323.6	323.9	0.1	8.8	31.5	104.
28.6	79.0	7953.9	369.0	-30.0	-52.6	274.0	26.5	26.4	-1.9	323.3	323.6	0.1	8.9	32.3	103.
29.0	80.0	8070.3	363.0	-31.3	-53.5	274.8	26.6	26.5	-2.2	323.1	323.3	0.1	9.0	32.9	103.
29.5	81.0	8227.8	355.0	-32.4	-54.3	275.5	27.0	26.9	-2.6	323.7	324.0	0.1	9.2	33.8	103.
30.0	82.0	8347.8	349.0	-33.6	-55.1	276.7	28.7	28.5	-3.4	323.7	323.9	0.1	9.3	34.3	103.
30.4	83.0	8469.1	343.0	-34.9	-54.0	277.3	30.3	30.0	-1.8	323.5	323.7	0.1	12.1	35.3	103.
30.9	84.0	8592.0	337.0	-36.1	-54.9	276.7	30.6	30.4	-3.5	323.5	323.7	0.1	12.3	36.2	103.
31.3	85.0	8716.4	331.0	-37.2	-55.7	275.2	29.1	29.0	-2.7	323.7	323.9	0.1	12.4	36.9	102.
31.8	86.0	8845.0	323.0	-38.7	99.9	273.3	26.4	26.3	-1.5	324.0	999.9	99.9	999.9	37.9	102.
32.5	87.0	8991.9	318.0	-39.7	99.9	273.6	24.4	24.4	-1.5	323.9	999.9	99.9	999.9	38.6	102.
32.9	88.0	9121.8	312.0	-40.8	99.9	276.9	24.7	24.5	-3.0	324.2	999.9	99.9	999.9	39.4	102.
33.3	89.0	9253.7	306.0	-41.8	99.9	280.6	24.8	24.4	-1.6	324.6	999.9	99.9	999.9	40.0	102.
33.7	90.0	9365.1	301.0	-42.8	99.9	283.6	25.2	24.5	-5.9	324.8	999.9	99.9	999.9	40.5	102.
34.2	91.0	9500.6	295.0	-43.9	99.9	285.2	26.3	25.4	-6.9	325.1	999.9	99.9	999.9	41.3	102.
34.6	92.0	9615.2	290.0	-44.9	99.9	285.3	27.6	26.7	-7.3	325.2	999.9	99.9	999.9	42.0	102.
35.0	93.0	9754.5	284.0	-46.3	99.9	285.3	28.9	27.8	-7.6	325.1	999.9	99.9	999.9	42.6	102.
35.5	94.0	9872.2	279.0	-47.6	99.9	285.5	29.0	27.9	-7.8	324.9	999.9	99.9	999.9	43.5	102.
35.8	95.0	9991.4	274.0	-48.7	99.9	285.4	28.0	27.0	-7.5	325.1	999.9	99.9	999.9	44.1	102.
36.4	96.0	10161.0	267.0	-50.0	99.9	284.4	26.7	25.9	-3.6	325.5	999.9	99.9	999.9	44.9	102.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
1715 GMT

163 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.7	97.0	10284.3	262.0	-50.9	99.9	283.3	27.0	26.2	-4.2	326.0	999.9	99.9	999.9	45.4	102.
37.1	98.0	10409.4	257.0	-52.2	99.9	281.8	27.8	27.2	-5.7	326.0	999.9	99.9	999.9	46.2	102.
37.6	99.0	10536.3	252.0	-53.2	99.9	280.3	29.7	28.2	-5.1	326.2	999.9	99.9	999.9	46.9	102.
38.0	100.0	10665.0	247.0	-54.4	99.9	279.6	28.7	28.3	-4.8	326.4	999.9	99.9	999.9	47.8	102.
38.5	101.0	10822.2	241.0	-55.5	99.9	279.0	27.1	26.8	-4.2	327.0	999.9	99.9	999.9	48.5	102.
39.0	102.0	10955.4	236.0	-57.2	99.9	277.9	24.9	24.7	-3.4	326.4	999.9	99.9	999.9	49.5	102.
39.4	103.0	11090.5	231.0	-58.3	99.9	277.4	24.7	24.5	-3.2	326.6	999.9	99.9	999.9	49.8	102.
39.8	104.0	11200.1	227.0	-59.4	99.9	278.0	25.9	25.7	-1.6	326.7	999.9	99.9	999.9	50.4	102.
40.3	105.0	11339.2	222.0	-60.6	99.9	280.1	27.9	27.5	-1.9	326.9	999.9	99.9	999.9	51.2	102.
40.7	106.0	11452.2	218.0	-61.2	99.9	283.0	28.8	28.1	-6.5	327.7	999.9	99.9	999.9	51.9	102.
41.2	107.0	11576.2	213.0	-61.4	99.9	287.4	28.9	27.6	-8.7	329.6	999.9	99.9	999.9	52.9	102.
41.5	108.0	11713.7	209.0	-61.7	99.9	289.9	28.9	27.1	-9.8	330.8	999.9	99.9	999.9	53.4	102.
42.0	109.0	11863.6	204.0	-62.1	99.9	289.2	31.1	29.4	-10.2	332.6	999.9	99.9	999.9	54.1	102.
42.5	110.0	11987.2	200.0	-58.0	99.9	285.7	33.7	32.5	-9.2	340.9	999.9	99.9	999.9	55.1	102.
43.0	111.0	12179.3	194.0	-57.7	99.9	282.5	33.6	32.8	-7.3	344.5	999.9	99.9	999.9	56.5	102.
43.5	112.0	12310.4	190.0	-58.9	99.9	281.7	33.6	32.9	-5.8	344.6	999.9	99.9	999.9	57.1	102.
44.0	113.0	12444.0	186.0	-58.9	99.9	285.2	37.3	36.0	-9.8	346.7	999.9	99.9	999.9	58.2	102.
44.5	114.0	12580.8	182.0	-57.7	99.9	288.6	41.9	39.7	-13.4	350.8	999.9	99.9	999.9	59.3	102.
45.2	115.0	12721.1	178.0	-57.5	99.9	287.5	41.6	39.6	-12.5	353.3	999.9	99.9	999.9	61.3	103.
45.8	116.0	12901.2	173.0	-57.2	99.9	289.0	37.5	35.4	-12.2	356.8	999.9	99.9	999.9	62.8	103.
46.3	117.0	13049.4	169.0	-56.7	99.9	292.7	34.8	32.1	-13.4	360.0	999.9	99.9	999.9	63.7	103.
46.8	118.0	13201.2	165.0	-57.0	99.9	293.1	34.1	31.3	-13.4	361.9	999.9	99.9	999.9	64.8	103.
47.3	119.0	13317.1	162.0	-58.2	99.9	290.0	35.2	33.1	-12.0	361.8	999.9	99.9	999.9	65.7	103.
47.8	120.0	13474.1	158.0	-59.4	99.9	287.4	37.4	35.7	-11.2	362.4	999.9	99.9	999.9	66.8	103.
48.2	121.0	13634.3	154.0	-60.3	99.9	286.9	39.4	37.7	-11.4	363.5	999.9	99.9	999.9	67.8	103.
48.6	122.0	13798.3	150.0	-60.4	99.9	287.4	41.7	39.8	-12.5	366.0	999.9	99.9	999.9	68.6	103.
49.2	123.0	13923.9	147.0	-61.4	99.9	288.9	44.8	42.4	-14.5	366.5	999.9	99.9	999.9	70.2	103.
49.7	124.0	14095.1	143.0	-61.2	99.9	290.0	42.2	39.6	-14.4	369.7	999.9	99.9	999.9	71.8	104.
50.2	125.0	14226.7	140.0	-61.4	99.9	290.9	35.5	33.2	-12.7	371.7	999.9	99.9	999.9	73.1	104.
50.9	126.0	14406.4	136.0	-61.7	99.9	290.0	32.6	30.6	-11.2	374.1	999.9	99.9	999.9	74.1	104.
51.5	127.0	14591.0	122.0	-62.5	99.9	286.4	35.5	34.0	-10.0	376.0	999.9	99.9	999.9	75.2	104.
52.0	128.0	14732.8	129.0	-62.5	99.9	284.0	36.1	35.0	-8.7	378.5	999.9	99.9	999.9	76.6	104.
52.5	129.0	14877.9	126.0	-62.8	99.9	284.1	35.3	34.3	-8.6	380.4	999.9	99.9	999.9	77.3	104.
53.1	130.0	15026.4	123.0	-62.8	99.9	285.1	33.5	32.4	-3.7	383.0	999.9	99.9	999.9	78.9	104.
53.7	131.0	15229.5	119.0	-64.0	99.9	284.6	33.5	32.4	-1.4	384.5	999.9	99.9	999.9	79.8	104.
54.3	132.0	15385.5	116.0	-65.1	99.9	283.8	34.5	33.5	-7.3	385.2	999.9	99.9	999.9	81.2	104.
54.8	133.0	15545.0	113.0	-65.5	99.9	283.2	33.3	32.4	-7.6	387.3	999.9	99.9	999.9	82.3	104.
55.3	134.0	15709.1	110.0	-66.8	99.9	282.7	37.9*	32.1	-7.2	388.0	999.9	99.9	999.9	83.2	104.
55.8	135.0	15875.2	107.0	-67.0	99.9	283.4	35.9*	34.9	-8.3	390.7	999.9	99.9	999.9	84.0	104.
56.5	136.0	16104.7	103.0	-68.0	99.9	284.8	41.4*	40.0	-10.5	393.0	999.9	99.9	999.9	86.0	104.
57.1	137.0	16281.7	100.0	-69.5	99.9	283.2	41.5*	40.4	-9.5	393.4	999.9	99.9	999.9	87.2	104.
57.7	138.0	16524.5	96.0	-70.7	99.9	280.6	36.2*	35.6	-5.7	395.8	999.9	99.9	999.9	89.0	104.
58.4	139.0	16712.3	93.0	-71.8	99.9	277.7	29.8*	29.5	-4.0	397.2	999.9	99.9	999.9	90.1	104.
59.0	140.0	16905.6	90.0	-72.0	99.9	276.8	29.0*	28.8	-3.4	400.4	999.9	99.9	999.9	91.1	104.
59.5	141.0	17105.1	87.0	-72.3	99.9	278.6	28.4*	28.1	-4.3	403.9	999.9	99.9	999.9	92.1	104.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
1715 GMT

163 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.3	142.0	17311.9	84.0	-71.8	99.9	282.9	30.0*	29.2	-0.7	408.9	999.9	99.9	999.9	93.3	104.
60.9	143.0	17527.0	81.0	-70.7	99.9	284.8	33.0*	31.9	-3.4	415.5	999.9	99.9	999.9	94.4	104.
61.5	144.0	17827.4	77.0	-70.7	99.9	287.1	31.6*	30.2	-9.3	421.6	999.9	99.9	999.9	95.9	104.
62.4	145.0	18063.2	74.0	-70.4	99.9	291.1	26.4*	24.6	-9.5	426.9	999.9	99.9	999.9	97.2	104.
63.1	146.0	18309.4	71.0	-69.8	99.9	291.7	23.5*	21.9	-8.7	433.4	999.9	99.9	999.9	98.4	104.
64.0	147.0	18479.7	69.0	-69.5	99.9	282.1	19.1*	18.7	-4.0	437.4	999.9	99.9	999.9	99.3	104.
64.8	148.0	18745.0	66.0	-69.3	99.9	284.3	19.8*	19.2	-4.9	443.5	999.9	99.9	999.9	100.2	104.
65.5	149.0	19022.9	63.0	-69.1	99.9	286.3	22.3*	21.4	-6.3	449.9	999.9	99.9	999.9	101.2	104.
66.3	150.0	19314.5	60.0	-69.1	99.9	286.1	19.0*	18.3	-5.3	456.3	999.9	99.9	999.9	102.1	104.
67.2	151.0	19622.9	57.0	-66.8	99.9	294.9	17.2*	15.6	-7.2	468.3	999.9	99.9	999.9	103.3	104.
68.0	152.0	19840.1	55.0	-64.4	99.9	293.4	18.5	17.0	-7.4	478.6	999.9	99.9	999.9	103.5	104.
68.9	153.0	20184.2	52.0	-62.8	99.9	284.6	25.7	24.9	-5.5	489.9	999.9	99.9	999.9	105.2	104.
69.8	154.0	20550.4	49.0	-62.8	99.9	270.7	18.2	18.2	-7.2	498.3	999.9	99.9	999.9	106.4	104.
70.8	155.0	20807.4	47.0	-62.5	99.9	264.9	18.7	18.6	1.7	505.2	999.9	99.9	999.9	107.5	104.
71.8	156.0	21215.3	44.0	-61.5	99.9	270.2	19.3	19.3	-0.1	517.1	999.9	99.9	999.9	108.5	104.
72.9	157.0	21653.2	41.0	-61.4	99.9	276.5	11.5	11.5	-1.3	528.1	999.9	99.9	999.9	109.0	104.
74.1	158.0	21963.5	39.0	-61.4	99.9	276.0	20.8	20.7	-2.2	535.7	999.9	99.9	999.9	110.3	104.
75.2	159.0	22460.9	36.0	-60.6	99.9	269.5	18.7	18.7	0.1	549.9	999.9	99.9	999.9	112.2	103.
76.3	160.0	23001.7	33.0	-61.4	99.9	258.3	14.2	13.9	2.9	561.9	999.9	99.9	999.9	113.1	103.
77.6	161.0	23389.6	31.0	-61.4	99.9	276.2	15.8	15.7	-1.7	572.0	999.9	99.9	999.9	114.0	103.
78.8	162.0	24019.9	28.0	-62.1	99.9	276.8	14.3	14.2	-1.7	586.9	999.9	99.9	999.9	115.3	103.
80.4	163.0	24479.7	26.0	-60.6	99.9	249.6	14.0	13.1	4.9	603.6	999.9	99.9	999.9	115.5	103.
82.1	164.0	25247.6	23.0	-58.0	99.9	267.7	18.4	18.4	0.8	632.9	999.9	99.9	999.9	118.5	102.
83.8	165.0	25820.9	21.0	-58.0	99.9	264.8	16.7	16.7	1.5	649.5	999.9	99.9	999.9	119.5	102.
85.7	166.0	26795.4	18.0	-56.7	99.9	260.6	22.0	21.7	3.6	683.1	999.9	99.9	999.9	122.3	102.
87.5	167.0	27547.2	16.0	-53.9	99.9	261.9	24.9	24.7	3.5	715.5	999.9	99.9	999.9	124.0	101.
90.1	168.0	28884.6	13.0	-52.6	99.9	278.2	28.0	27.7	-4.0	763.7	999.9	99.9	999.9	128.8	101.
93.0	169.0	30598.0	10.0	-47.8	99.9	999.9	99.9	99.9	99.9	841.2	999.9	99.9	999.9	999.9	999.

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
2015 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	314.0	989.7	7.9	-2.1	340.0	9.3	3.2	-3.7	282.3	291.1	3.3	49.0	0.0	0.
0.3	8.0	394.9	980.0	5.4	-5.2	339.9	7.2	2.5	-5.8	280.5	287.5	2.6	46.3	0.3	153.
0.7	9.0	478.5	970.0	4.3	-5.1	339.8	7.7	2.7	-7.2	280.3	287.5	2.7	50.2	0.4	155.
1.1	10.0	571.2	959.0	3.3	-5.3	339.7	8.5	3.0	-8.0	280.1	287.3	2.7	53.3	0.6	156.
1.6	11.0	681.7	946.0	2.5	-5.7	340.8	9.0	2.9	-8.5	280.4	287.5	2.6	54.8	0.9	157.
2.0	12.0	776.1	935.0	1.3	-6.3	343.2	8.7	2.5	-8.3	280.1	287.0	2.6	56.9	1.1	158.
2.4	13.0	862.6	925.0	0.5	-6.4	346.5	8.9	2.1	-8.6	280.2	287.0	2.6	59.5	1.3	159.
2.9	14.0	958.5	914.0	-0.3	-6.8	348.4	9.2	1.9	-9.0	280.3	287.0	2.5	61.4	1.5	161.
3.4	15.0	1055.2	903.0	-1.2	-7.2	352.2	9.0	1.2	-3.9	280.3	286.9	2.5	63.6	1.8	162.
3.9	16.0	1161.7	891.0	-2.2	-7.5	0.2	8.5	-0.0	-3.5	280.4	286.9	2.4	66.8	2.1	164.
4.3	17.0	1260.4	880.0	-2.8	-7.1	6.5	9.4	-1.1	-9.3	280.7	287.6	2.6	72.3	2.3	166.
4.7	18.0	1350.9	870.0	-3.1	-8.5	7.1	10.0	-1.2	-9.9	281.3	287.6	2.3	66.5	2.5	168.
5.0	19.0	1452.1	859.0	-0.8	-12.9	4.2	10.0	-0.7	-10.0	284.7	289.3	1.6	39.2	2.7	170.
5.4	20.0	1545.7	849.0	-0.3	-14.6	354.7	9.9	0.9	-9.9	286.1	290.3	1.5	33.0	2.9	170.
5.8	21.0	1669.2	836.0	-0.1	-15.8	348.1	10.1	2.1	-9.9	287.5	291.4	1.3	29.5	3.1	170.
6.1	22.0	1755.7	827.0	-0.8	-17.0	344.8	10.6	2.8	-10.3	287.7	291.3	1.2	27.9	3.3	170.
6.5	23.0	1852.8	817.0	-1.2	-17.9	342.9	12.0	3.5	-11.5	288.2	291.6	1.1	26.8	3.5	169.
6.8	24.0	1950.8	807.0	-1.7	-20.6	338.8	12.5	4.5	-11.6	288.7	291.4	0.9	22.1	3.8	169.
7.1	25.0	2050.0	797.0	-1.9	-16.0	333.2	12.6	5.7	-11.2	289.6	293.6	1.4	33.0	4.0	168.
7.6	26.0	2170.7	785.0	-1.6	-14.3	316.9	12.1	8.3	-8.8	291.3	295.9	1.6	37.0	4.4	166.
8.0	27.0	2272.7	775.0	-2.3	-13.4	305.5	13.0	10.5	-7.5	291.5	296.5	1.8	42.3	4.6	165.
8.3	28.0	2375.8	765.0	-2.3	-10.4	298.0	13.3	11.7	-3.2	292.6	299.1	2.3	53.9	4.8	162.
8.7	29.0	2470.0	756.0	-1.4	-7.1	291.9	14.1	13.1	-3.2	294.8	303.2	3.0	65.2	5.0	159.
9.1	30.0	2576.2	746.0	-1.1	-7.8	290.1	14.9	14.0	-5.1	296.2	304.3	2.9	60.3	5.2	156.
9.5	31.0	2673.2	737.0	-0.8	-8.1	290.6	15.5	14.5	-5.4	297.6	305.6	2.8	57.4	5.5	153.
9.9	32.0	2782.3	727.0	-0.9	-12.0	288.6	15.8	15.0	-5.1	298.5	304.6	2.1	42.6	5.8	151.
10.4	33.0	2881.8	718.0	-0.8	-13.0	283.4	16.3	15.9	-3.8	299.7	305.5	2.0	38.9	6.1	148.
10.8	34.0	2982.5	709.0	-1.1	-13.7	279.9	16.7	16.5	-2.9	300.4	306.0	1.9	37.6	6.4	145.
11.2	35.0	3084.3	700.0	-1.6	-14.0	278.4	16.9	16.8	-2.5	301.0	306.5	1.9	38.1	6.7	142.
11.7	36.0	3222.0	688.0	-1.7	-14.1	278.9	16.9	16.7	-2.6	302.3	307.9	1.9	38.1	7.1	140.
12.1	37.0	3326.7	679.0	-2.3	-14.0	280.0	16.8	16.6	-2.9	302.7	308.4	1.9	40.2	7.4	138.
12.5	38.0	3432.5	670.0	-3.3	-14.2	280.8	16.8	16.5	-3.2	302.8	308.5	1.9	42.4	7.7	136.
12.9	39.0	3539.4	661.0	-3.9	-13.7	281.2	16.9	16.6	-3.3	303.3	309.3	2.0	46.2	8.0	134.
13.3	40.0	3659.6	651.0	-4.7	-13.3	281.2	17.2	16.9	-3.3	303.8	310.1	2.1	50.5	8.4	133.
13.9	41.0	3781.3	641.0	-5.6	-13.5	280.5	18.7	18.3	-3.4	304.1	310.4	2.1	53.5	8.9	131.
14.4	42.0	3892.1	632.0	-6.2	-13.0	279.0	20.8	20.5	-3.2	304.7	311.4	2.2	58.5	9.4	129.
14.8	43.0	4004.3	623.0	-6.9	-14.3	277.4	22.3	22.1	-2.9	305.0	310.9	1.9	53.0	9.9	127.
15.2	44.0	4119.0	614.0	-6.5	-15.5	276.1	23.3	23.1	-2.5	306.8	312.5	1.9	48.3	10.4	126.
15.7	45.0	4220.5	606.0	-6.9	-16.3	275.1	23.4	23.3	-2.1	307.4	312.8	1.8	46.8	11.0	124.
16.0	46.0	4337.1	597.0	-7.7	-17.4	274.8	23.0	22.9	-1.9	307.9	312.9	1.6	45.4	11.4	123.
16.5	47.0	4455.2	588.0	-8.4	-18.2	275.0	22.8	22.7	-2.0	308.4	313.2	1.6	45.0	11.9	121.
17.0	48.0	4561.6	580.0	-8.1	-19.3	275.4	24.0	23.9	-2.3	309.9	314.4	1.4	39.9	12.6	120.
17.5	49.0	4683.0	571.0	-8.4	-19.5	276.2	25.7	25.6	-2.8	310.9	315.4	1.4	39.9	13.2	119.
17.8	50.0	4778.7	564.0	-8.7	-20.2	277.3	26.2	26.0	-3.3	311.7	316.0	1.4	38.6	13.7	118.
18.3	51.0	4917.3	554.0	-9.1	-21.2	279.9	26.0	25.6	-4.5	312.7	316.8	1.3	36.5	14.5	117.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TFX

6 FEBRUARY 1975  
2015 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V C JMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.7	52.0	5043.9	545.0	-9.6	-21.6	282.3	25.5	24.9	-5.4	313.7	317.7	1.2	36.5	15.1	116.
19.2	53.0	5143.7	538.0	-10.4	-22.6	284.3	25.2	24.5	-5.2	313.8	317.5	1.2	35.9	15.8	116.
19.6	54.0	5273.4	529.0	-11.3	-23.8	284.9	25.5	24.7	-6.5	314.3	317.7	1.1	34.5	16.4	115.
20.0	55.0	5390.2	521.0	-11.8	-24.4	285.1	26.0	25.1	-6.8	315.0	318.3	1.0	34.2	17.0	115.
20.6	56.0	5523.5	512.0	-12.6	-25.4	285.3	26.9	25.9	-7.1	315.7	318.7	0.9	33.0	17.9	114.
21.0	57.0	5643.6	504.0	-13.4	-26.4	285.2	27.7	26.7	-7.3	316.0	318.9	0.9	32.3	18.6	114.
21.5	58.0	5765.1	496.0	-14.5	-26.7	284.8	28.6	27.7	-7.3	316.1	319.0	0.9	34.4	19.4	114.
21.9	59.0	5888.1	488.0	-15.3	-30.4	284.3	28.8	28.0	-7.1	316.5	318.6	0.6	26.0	20.1	113.
22.4	60.0	5997.1	481.0	-16.2	-32.9	283.0	28.6	27.9	-5.4	316.8	318.5	0.5	21.9	21.0	113.
22.8	61.0	6123.2	473.0	-17.0	-34.4	281.6	28.6	28.1	-5.8	317.3	318.8	0.4	20.2	21.7	113.
23.3	62.0	6234.9	466.0	-17.8	-35.3	280.3	29.3	28.8	-5.2	317.6	319.0	0.4	19.8	22.4	112.
23.7	63.0	6347.9	459.0	-18.8	-36.1	279.7	29.8	29.4	-5.0	317.8	319.1	0.4	19.8	23.2	112.
24.2	64.0	6478.8	451.0	-19.2	-36.7	278.9	29.5	29.1	-4.6	318.9	320.2	0.4	18.9	24.1	111.
24.6	65.0	6595.0	444.0	-20.0	-37.6	277.6	28.7	28.5	-3.8	319.3	320.5	0.3	19.0	24.8	111.
25.2	66.0	6746.6	435.0	-21.2	-38.6	275.4	28.3	28.2	-2.7	319.7	320.8	0.3	19.1	25.7	110.
25.7	67.0	6866.3	428.0	-21.1	-40.7	275.0	28.6	28.4	-2.5	321.3	322.2	0.2	15.1	26.6	110.
26.0	68.0	6987.9	421.0	-22.0	-41.4	275.2	28.6	28.5	-2.6	321.6	322.5	0.2	15.2	27.1	110.
26.5	69.0	7111.0	414.0	-23.2	-42.3	275.1	28.6	28.5	-2.6	321.6	322.4	0.2	15.3	27.8	109.
26.9	70.0	7235.6	407.0	-24.1	-42.8	273.0	28.3	28.3	-1.5	322.0	322.8	0.2	15.9	28.6	109.
27.4	71.0	7380.1	399.0	-25.4	-43.9	269.5	28.2	28.2	0.2	322.1	322.8	0.2	16.0	29.3	108.
27.8	72.0	7508.3	392.0	-26.2	-44.4	268.2	28.4	28.4	0.9	322.7	323.4	0.2	16.0	30.0	108.
28.3	73.0	7638.3	385.0	-27.3	-45.3	268.6	28.2	28.1	0.7	323.0	323.6	0.2	16.1	30.8	107.
28.7	74.0	7770.1	378.0	-28.6	-46.3	268.9	27.3	27.3	0.5	322.9	323.5	0.2	16.2	31.5	107.
29.1	75.0	7884.5	372.0	-29.7	-47.1	268.2	26.1	26.1	0.8	323.0	323.5	0.1	16.3	32.1	107.
29.6	76.0	8000.2	366.0	-31.0	-47.2	265.6	25.4	25.3	2.0	322.8	323.3	0.1	18.3	32.7	106.
30.0	77.0	8136.8	359.0	-32.2	-48.2	264.5	25.1	25.0	2.4	322.9	323.4	0.1	18.4	33.4	106.
30.5	78.0	8255.6	353.0	-33.1	-48.7	266.9	24.1	24.0	1.3	323.3	323.7	0.1	18.5	34.0	105.
30.9	79.0	8375.8	347.0	-34.3	-49.9	268.2	23.9	23.9	0.7	323.2	323.7	0.1	18.6	34.7	105.
31.5	80.0	8497.6	341.0	-35.5	-50.9	266.5	25.7	25.7	1.6	323.2	323.6	0.1	18.7	35.2	105.
32.0	81.0	8662.4	333.0	-36.8	-52.0	264.3	27.4	27.3	2.7	323.6	323.9	0.1	18.8	36.2	104.
32.5	82.0	8787.9	327.0	-37.9	-52.7	264.0	26.7	26.6	2.8	323.8	324.1	0.1	18.8	37.1	104.
33.0	83.0	8915.2	321.0	-39.2	99.9	264.5	25.3	25.2	2.4	323.7	999.9	99.9	999.9	37.6	103.
33.5	84.0	9044.2	315.0	-40.3	99.9	263.5	24.3	24.1	2.7	324.0	999.9	99.9	999.9	38.5	103.
33.9	85.0	9175.0	309.0	-41.3	99.9	261.0	23.4	23.2	3.7	324.4	999.9	99.9	999.9	39.0	103.
34.6	86.0	9330.2	302.0	-42.7	99.9	259.1	22.3	21.9	4.2	324.6	999.9	99.9	999.9	39.8	102.
35.2	87.0	9442.5	297.0	-44.1	99.9	263.9	21.9	21.7	2.3	324.2	999.9	99.9	999.9	40.6	102.
35.7	88.0	9579.2	291.0	-45.1	99.9	267.2	22.7	22.6	1.1	324.7	999.9	99.9	999.9	41.1	102.
36.2	89.0	9718.0	285.0	-46.4	99.9	266.6	23.4	23.3	1.4	324.8	999.9	99.9	999.9	41.8	101.
36.7	90.0	9835.2	280.0	-47.7	99.9	264.9	22.4	22.3	2.0	324.5	999.9	99.9	999.9	42.6	101.
37.1	91.0	9977.9	274.0	-48.8	99.9	264.7	21.2	21.2	1.9	324.8	999.9	99.9	999.9	43.1	101.
37.6	92.0	10058.6	269.0	-50.0	99.9	267.4	21.9	21.9	1.0	324.8	999.9	99.9	999.9	43.5	101.
38.1	93.0	10245.7	263.0	-50.9	99.9	270.2	23.9	23.9	-0.1	325.6	999.9	99.9	999.9	44.4	100.
38.6	94.0	10370.2	258.0	-52.3	99.9	271.3	24.7	24.7	-0.6	325.3	999.9	99.9	999.9	45.0	100.
39.1	95.0	10496.4	253.0	-53.7	99.9	271.9	24.2	24.2	-0.8	325.1	999.9	99.9	999.9	45.9	100.
39.7	96.0	10650.3	247.0	-54.9	99.9	273.5	24.2	24.2	-1.5	325.7	999.9	99.9	999.9	46.6	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
2015 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGF KM	AZ DG
40.1	97.0	10780.7	242.0	-56.0	99.9	274.9	24.6	24.5	-2.1	325.9	999.9	99.9	999.9	47.2	100.
40.7	98.0	10913.3	237.0	-56.7	99.9	276.8	24.5	24.4	-2.9	326.8	999.9	99.9	999.9	48.2	100.
41.1	99.0	11048.5	232.0	-56.7	99.9	277.2	25.1	24.9	-3.1	328.8	999.9	99.9	999.9	48.7	100.
41.7	100.0	11186.4	227.0	-57.7	99.9	275.9	28.0	27.8	-2.9	329.3	999.9	99.9	999.9	49.5	100.
42.2	101.0	11354.9	221.0	-59.0	99.9	274.3	28.2	28.2	-2.1	329.8	999.9	99.9	999.9	50.6	100.
42.8	102.0	11498.7	216.0	-58.3	99.9	272.3	25.9	25.9	-1.0	333.0	999.9	99.9	999.9	51.5	100.
43.3	103.0	11616.3	212.0	-58.3	99.9	271.4	27.0	27.0	-0.7	334.8	999.9	99.9	999.9	52.1	99.
43.8	104.0	11766.6	207.0	-57.8	99.9	272.7	31.2	31.1	-1.5	337.9	999.9	99.9	999.9	53.0	99.
44.3	105.0	11889.9	203.0	-57.3	99.9	275.9	34.9	34.7	-3.6	340.6	999.9	99.9	999.9	54.0	99.
44.8	106.0	12047.4	198.0	-57.7	99.9	279.4	36.8	36.3	-6.0	342.5	999.9	99.9	999.9	55.2	99.
45.3	107.0	12176.4	194.0	-57.2	99.9	281.2	37.8	37.1	-7.3	345.3	999.9	99.9	999.9	56.3	99.
45.8	108.0	12308.2	190.0	-57.0	99.9	281.8	38.1	37.3	-7.8	347.6	999.9	99.9	999.9	57.4	99.
46.3	109.0	12477.1	185.0	-57.0	99.9	283.3	37.0	36.0	-3.5	350.3	999.9	99.9	999.9	58.7	99.
46.7	110.0	12615.8	181.0	-56.0	99.9	285.6	36.4	35.1	-7.8	354.1	999.9	99.9	999.9	59.5	99.
47.3	111.0	12793.8	176.0	-56.5	99.9	288.5	37.6	35.6	-11.9	356.1	999.9	99.9	999.9	60.7	100.
47.8	112.0	12939.7	172.0	-56.5	99.9	289.4	38.3	36.2	-12.7	358.5	999.9	99.9	999.9	61.9	100.
48.3	113.0	13089.0	168.0	-56.5	99.9	283.7	37.8	35.8	-12.1	360.9	999.9	99.9	999.9	63.1	100.
48.9	114.0	13241.6	164.0	-57.7	99.9	286.3	38.3	36.8	-13.7	361.4	999.9	99.9	999.9	64.1	100.
49.5	115.0	13397.2	160.0	-58.2	99.9	284.2	38.6	37.5	-9.5	363.1	999.9	99.9	999.9	66.0	100.
50.1	116.0	13597.1	155.0	-58.3	99.9	284.8	35.6	34.4	-7.1	366.1	999.9	99.9	999.9	67.1	100.
50.7	117.0	13720.3	152.0	-57.7	99.9	286.5	36.7	35.2	-17.4	369.4	999.9	99.9	999.9	68.3	100.
51.2	118.0	13888.2	148.0	-58.7	99.9	287.1	43.3	41.4	-12.7	370.4	999.9	99.9	999.9	69.3	100.
51.7	119.0	14059.8	144.0	-59.9	99.9	287.7	49.3	47.0	-15.0	371.2	999.9	99.9	999.9	70.7	101.
52.2	120.0	14191.0	141.0	-61.0	99.9	289.7	45.8	43.2	-15.5	371.6	999.9	99.9	999.9	72.6	101.
52.8	121.0	14369.5	137.0	-61.9	99.9	294.3	33.2	30.2	-13.7	373.0	999.9	99.9	999.9	73.9	101.
53.3	122.0	14506.3	134.0	-62.6	99.9	294.9	28.7	26.0	-12.1	374.1	999.9	99.9	999.9	74.5	101.
53.8	123.0	14645.5	131.0	-63.7	99.9	290.3	30.6	28.7	-17.6	374.5	999.9	99.9	999.9	75.5	101.
54.4	124.0	14835.3	127.0	-64.7	99.9	284.6	34.4	33.3	-3.7	376.1	999.9	99.9	999.9	76.4	101.
54.8	125.0	14981.0	124.0	-65.5	99.9	282.8	34.7	33.8	-7.7	377.3	999.9	99.9	999.9	77.6	101.
55.5	126.0	15180.0	120.0	-66.3	99.9	282.7	33.1	32.3	-7.3	379.3	999.9	99.9	999.9	78.9	101.
56.0	127.0	15333.4	117.0	-66.3	99.9	283.6	36.1	35.1	-8.5	382.1	999.9	99.9	999.9	79.7	101.
56.7	123.0	15490.7	114.0	-66.7	99.9	281.7	38.4	37.6	-7.8	384.2	999.9	99.9	999.9	81.6	101.
57.2	129.0	15651.9	111.0	-66.7	99.9	280.4	36.5*	35.9	-5.6	387.1	999.9	99.9	999.9	82.8	101.
57.8	130.0	15817.7	108.0	-66.5	99.9	281.1	38.3*	37.6	-7.4	390.6	999.9	99.9	999.9	83.8	101.
58.5	131.0	16045.9	104.0	-66.9	99.9	282.3	43.9*	42.9	-9.3	394.0	999.9	99.9	999.9	85.7	101.
59.1	132.0	16222.0	101.0	-68.6	99.9	282.7	38.1*	37.2	-8.4	394.1	999.9	99.9	999.9	87.5	101.
59.7	133.0	16402.4	98.0	-69.2	99.9	283.1	29.9*	29.2	-6.8	396.2	999.9	99.9	999.9	88.5	101.
60.2	134.0	16587.3	95.0	-70.8	99.9	282.5	26.1*	25.5	-5.6	396.7	999.9	99.9	999.9	89.3	101.
60.8	135.0	16713.1	93.0	-71.9	99.9	281.6	27.7*	27.1	-5.6	396.9	999.9	99.9	999.9	90.1	101.
61.5	136.0	16905.8	90.0	-73.1	99.9	281.5	36.5*	35.8	-7.3	398.3	999.9	99.9	999.9	91.1	101.
62.2	137.0	17171.8	86.0	-73.6	99.9	282.2	35.5*	34.6	-7.5	402.5	999.9	99.9	999.9	93.3	102.
62.9	138.0	17379.6	83.0	-73.1	99.9	285.1	26.9*	25.9	-7.0	407.6	999.9	99.9	999.9	94.4	101.
63.8	139.0	17596.3	80.0	-71.3	99.9	289.0	25.6*	24.2	-8.4	415.8	999.9	99.9	999.9	95.7	102.
64.5	140.0	17822.9	77.0	-70.1	99.9	291.2	27.9*	26.0	-10.1	422.7	999.9	99.9	999.9	96.8	102.
65.2	141.0	18058.9	74.0	-70.8	99.9	290.4	25.3*	23.8	-3.9	426.1	999.9	99.9	999.9	98.1	102.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
2015 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DTP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.9	142.0	18304.2	71.0	-70.8	99.9	285.1	25.2*	24.3	-5.6	431.2	999.9	99.9	999.9	98.6	102.
66.7	143.0	18560.2	68.0	-70.6	99.9	282.1	27.3*	26.7	-5.7	437.0	999.9	99.9	999.9	100.3	102.
67.5	144.0	18829.0	65.0	-69.0	99.9	281.4	20.9*	20.5	-4.1	446.1	999.9	99.9	999.9	102.1	102.
68.3	145.0	19016.0	63.0	-68.6	99.9	276.1	13.8*	13.7	-1.5	451.0	999.9	99.9	999.9	102.2	102.
69.1	146.0	19308.5	60.0	-68.4	99.9	281.2	18.8*	18.5	-3.6	457.9	999.9	99.9	999.9	102.7	102.
70.0	147.0	19618.8	57.0	-64.9	99.9	292.8	19.3*	17.8	-7.5	472.5	999.9	99.9	999.9	104.3	102.
70.9	148.0	19836.6	55.0	-65.1	99.9	295.4	6.3*	5.7	-2.7	476.9	999.9	99.9	999.9	104.7	102.
71.9	149.0	20178.0	52.0	-65.5	99.9	281.7	21.5*	21.1	-4.4	483.7	999.9	99.9	999.9	105.2	102.
72.8	150.0	20539.3	49.0	-65.7	99.9	275.4	20.3	20.2	-1.9	491.5	999.9	99.9	999.9	107.0	102.
73.7	151.0	20792.8	47.0	-65.3	99.9	262.3	14.7	14.6	2.0	498.4	999.9	99.9	999.9	107.4	102.
74.7	152.0	21197.7	44.0	-61.9	99.9	275.3	21.0	20.9	-1.9	516.2	999.9	99.9	999.9	108.3	102.
76.0	153.0	21635.8	41.0	-60.8	99.9	282.5	14.5	14.1	-3.1	529.5	999.9	99.9	999.9	110.6	102.
77.2	154.0	21946.9	39.0	-60.8	99.9	291.3	14.9	13.9	-5.4	537.1	999.9	99.9	999.9	111.2	102.
78.3	155.0	22444.4	36.0	-61.1	99.9	285.7	3.6	3.5	-1.0	548.6	999.9	99.9	999.9	111.8	102.
79.6	156.0	22757.9	34.0	-62.8	99.9	275.4	29.8	29.7	-2.8	553.3	999.9	99.9	999.9	112.5	102.
80.0	157.0	23369.8	31.0	-60.8	99.9	276.1	33.6	33.5	-5.6	573.5	999.9	99.9	999.9	114.0	102.
82.3	158.0	24003.8	28.0	-60.3	99.9	212.3	7.5	4.0	0.3	592.0	999.9	99.9	999.9	116.4	101.
84.0	159.0	24468.2	26.0	-58.2	99.9	263.0	22.1	21.9	2.7	610.6	999.9	99.9	999.9	117.2	101.
85.8	160.0	25242.1	23.0	-57.2	99.9	265.8	18.1	18.0	1.3	635.4	999.9	99.9	999.9	119.7	101.
87.2	161.0	25815.4	21.0	-58.9	99.9	261.6	21.3	21.1	3.1	647.0	999.9	99.9	999.9	120.4	100.
89.1	162.0	26788.4	18.0	-56.5	99.9	261.7	21.5	21.3	3.1	683.6	999.9	99.9	999.9	123.6	100.
91.4	163.0	27534.4	16.0	-57.3	99.9	276.7	28.9	28.7	-3.4	704.3	999.9	99.9	999.9	126.0	100.
94.1	164.0	28857.1	13.0	-54.1	99.9	999.9	99.9	99.9	99.9	758.7	999.9	99.9	999.9	999.9	999.

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
2315 GMT

151 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	314.0	588.4	9.9	-5.0	350.0	6.2	1.1	-0.1	284.3	291.3	2.5	33.0	0.0	0.
0.1	8.0	367.9	582.0	9.2	-7.5	357.7	7.7	0.3	-7.7	284.1	290.2	2.2	29.8	0.2	189.
0.4	9.0	460.9	571.0	7.9	-7.3	357.7	7.7	0.3	-7.7	283.8	289.9	2.2	32.4	0.2	189.
0.8	10.0	563.3	559.0	7.2	-6.5	0.9	7.0	-0.1	-7.0	284.1	290.7	2.4	36.7	0.3	184.
1.1	11.0	675.3	546.0	5.6	-7.5	3.9	6.3	-0.4	-6.3	283.5	289.8	2.3	37.8	0.5	184.
1.5	12.0	770.7	935.0	4.6	-7.6	6.0	5.5	-0.6	-5.5	283.4	289.7	2.3	40.8	0.6	185.
1.9	13.0	866.9	924.0	3.6	-7.9	0.3	6.2	-0.0	-0.2	283.3	289.5	2.3	42.6	0.7	184.
2.2	14.0	955.1	914.0	2.5	-8.1	358.8	6.9	0.1	-0.9	283.2	289.4	2.3	45.4	0.9	184.
2.6	15.0	1052.8	903.0	1.5	-8.3	358.4	7.9	0.2	-7.9	283.1	289.4	2.3	49.0	1.0	183.
3.0	16.0	1169.5	890.0	0.9	-8.3	358.3	8.7	0.3	-9.7	283.6	289.9	2.3	50.3	1.2	182.
3.3	17.0	1269.3	879.0	-0.3	-8.3	1.0	9.1	-0.2	-9.1	283.4	289.5	2.2	52.3	1.4	182.
3.7	18.0	1360.7	869.0	-1.2	-9.2	7.9	9.2	-1.3	-9.1	283.4	289.4	2.2	54.5	1.6	182.
4.0	19.0	1462.3	859.0	-1.4	-12.1	16.0	9.1	-2.5	-8.7	284.2	289.1	1.8	43.7	1.8	182.
4.4	20.0	1555.9	848.0	-0.4	-14.5	16.4	8.3	-2.3	-7.9	286.1	290.2	1.5	33.5	2.0	185.
4.8	21.0	1679.4	835.0	-0.4	-17.7	5.0	7.8	-0.7	-7.8	287.3	290.7	1.2	26.2	2.2	185.
5.2	22.0	1775.7	825.0	-0.3	-20.7	351.2	8.7	1.3	-3.6	288.4	291.0	0.9	19.2	2.4	185.
5.6	23.0	1873.2	815.0	-0.3	-25.7	341.5	10.3	3.3	-7.8	289.4	291.1	0.6	12.3	2.6	183.
5.9	24.0	1982.0	804.0	0.2	-19.2	333.4	11.0	4.9	-7.8	291.1	294.2	1.0	21.5	2.8	181.
6.2	25.0	2072.2	795.0	-0.3	-13.8	320.8	10.9	6.9	-8.4	291.6	296.4	1.7	35.0	2.9	179.
6.7	26.0	2203.9	782.0	-0.9	-12.8	295.5	11.1	10.0	-4.8	292.3	297.6	1.8	39.7	3.2	175.
7.0	27.0	2306.7	772.0	-1.1	-9.4	282.6	12.0	11.7	-2.6	293.3	300.2	2.4	52.9	3.3	171.
7.3	28.0	2410.9	762.0	-0.3	-6.7	283.7	12.3	12.0	-2.9	295.3	304.1	3.1	62.9	3.3	167.
7.7	29.0	2505.9	753.0	-1.1	-6.7	286.6	12.9	12.4	-7.7	295.5	304.1	3.0	64.5	3.4	163.
8.1	30.0	2612.5	743.0	-1.8	-8.7	291.1	13.6	12.7	-4.9	295.7	303.3	2.7	59.2	3.6	158.
8.4	31.0	2709.5	734.0	-1.5	-9.6	295.0	14.2	12.9	-6.0	297.0	304.3	2.5	54.0	3.8	156.
8.8	32.0	2818.9	724.0	-1.2	-16.7	296.1	15.2	13.7	-6.7	298.4	302.7	1.4	29.7	4.1	153.
9.2	33.0	2918.7	715.0	-0.7	-17.3	293.9	16.2	14.8	-6.6	300.0	304.1	1.3	26.6	4.4	151.
9.6	34.0	3031.1	705.0	-1.1	-16.3	289.9	17.1	16.1	-5.8	300.9	305.4	1.5	29.7	4.7	147.
10.0	35.0	3133.7	696.0	-0.6	-15.7	286.3	17.8	17.1	-5.0	302.5	307.7	1.7	32.5	5.1	144.
10.5	36.0	3272.5	684.0	-1.2	-14.5	284.3	17.8	17.3	-5.4	303.4	308.8	1.8	35.3	5.5	140.
10.9	37.0	3366.2	676.0	-1.8	-17.3	283.8	17.4	16.9	-6.2	303.6	308.0	1.4	29.3	5.9	138.
11.3	38.0	3484.6	666.0	-2.5	-18.0	283.8	17.1	16.6	-6.1	304.2	308.5	1.4	29.0	6.2	136.
11.7	39.0	3592.5	657.0	-3.1	-17.4	284.1	17.1	16.6	-6.2	304.7	309.3	1.5	32.2	6.5	134.
12.1	40.0	3689.3	649.0	-4.0	-15.3	284.6	17.5	16.9	-6.4	304.7	310.1	1.8	40.3	6.9	132.
12.6	41.0	3823.9	638.0	-5.1	-16.7	284.8	18.2	17.6	-6.7	305.0	310.2	1.7	41.8	7.4	130.
13.0	42.0	3947.9	628.0	-6.0	-14.4	284.9	18.9	18.2	-7.8	305.4	311.4	2.0	51.2	7.8	129.
13.4	43.0	4048.2	620.0	-6.8	-14.4	286.1	19.8	19.0	-7.5	305.6	311.8	2.0	54.5	8.2	128.
13.8	44.0	4149.7	612.0	-6.5	-17.1	288.4	21.1	20.0	-6.7	307.1	312.1	1.6	42.6	8.6	126.
14.2	45.0	4265.6	603.0	-6.0	-18.8	291.0	22.7	21.2	-8.1	308.9	313.4	1.4	35.6	9.1	125.
14.6	46.0	4370.3	595.0	-5.4	-20.4	293.2	24.4	22.5	-9.6	310.7	314.7	1.3	29.4	9.7	125.
14.9	47.0	4489.9	586.0	-5.4	-28.7	294.2	25.5	23.3	-10.5	312.0	314.1	0.6	14.8	10.2	124.
15.3	48.0	4557.7	578.0	-6.0	-27.7	294.6	26.5	24.1	-11.0	312.5	314.8	0.7	15.9	10.8	124.
15.8	49.0	4720.3	569.0	-6.9	-27.7	294.0	27.1	24.8	-11.0	312.9	315.2	0.7	17.9	11.6	123.
16.1	50.0	4830.7	561.0	-7.4	-24.2	293.3	27.5	25.2	-17.9	313.7	316.8	1.0	24.5	12.1	123.
16.7	51.0	4970.6	551.0	-8.2	-23.0	291.5	28.2	26.3	-17.3	314.2	317.6	1.0	27.7	13.0	122.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
2315 GMT

151 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P. DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	NX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.1	52.0	5083.9	543.0	-9.3	-23.5	290.2	28.7	27.0	-9.9	314.3	317.8	1.1	30.2	13.7	121.
17.5	53.0	5198.5	535.0	-10.1	-24.3	289.1	29.1	27.5	-9.5	314.6	317.9	1.0	30.2	14.4	121.
18.0	54.0	5314.5	527.0	-10.9	-26.1	289.3	29.2	27.7	-9.2	315.1	317.9	0.9	27.0	15.2	120.
18.3	55.0	5431.9	519.0	-11.4	-27.0	289.0	29.9	27.5	-9.9	315.8	318.3	0.8	24.7	15.8	120.
18.9	56.0	5565.9	510.0	-12.3	-29.1	287.6	28.0	26.7	-9.4	316.3	318.5	0.7	22.7	16.8	119.
19.3	57.0	5686.5	502.0	-13.3	-30.0	288.0	27.3	25.9	-9.4	316.5	318.6	0.6	22.8	17.4	119.
19.7	58.0	5793.3	495.0	-14.0	-31.2	289.1	26.8	25.4	-9.8	316.9	318.9	0.6	21.6	18.1	118.
20.1	59.0	5916.7	487.0	-15.1	-31.9	290.7	26.8	25.1	-9.5	317.0	318.9	0.5	22.1	18.7	118.
20.5	60.0	6026.0	480.0	-16.1	-32.0	292.0	27.3	25.3	-10.2	317.2	318.9	0.5	23.0	19.3	118.
20.9	61.0	6152.3	472.0	-17.2	-33.0	292.1	28.1	26.0	-10.5	317.3	319.0	0.5	23.4	20.0	118.
21.3	62.0	6264.2	465.0	-18.2	-33.0	291.5	28.5	26.5	-10.4	317.3	318.9	0.5	23.9	20.7	117.
21.8	63.0	6377.3	458.0	-19.1	-34.8	290.1	28.7	27.0	-9.8	317.7	319.2	0.4	23.2	21.6	117.
22.2	64.0	6491.8	451.0	-19.7	-35.4	288.3	28.7	27.2	-9.0	318.2	319.7	0.4	23.2	22.2	117.
22.6	65.0	6607.7	444.0	-20.5	-37.0	286.4	28.6	27.4	-8.1	318.6	319.9	0.4	21.2	22.9	117.
23.1	66.0	6776.1	434.0	-21.3	-39.0	284.8	28.6	27.6	-7.3	319.7	320.7	0.3	18.2	23.8	116.
23.6	67.0	6878.5	428.0	-22.5	-39.0	285.3	28.9	27.9	-7.6	319.4	320.4	0.3	19.2	24.6	116.
24.0	68.0	6999.3	421.0	-23.5	-39.5	286.0	29.5	28.3	-6.1	319.7	320.9	0.3	23.4	25.3	116.
24.4	69.0	7121.8	414.0	-24.1	-39.1	285.7	30.3	29.2	-6.2	320.4	321.5	0.3	23.5	26.0	115.
24.9	70.0	7246.0	407.0	-25.2	-40.8	285.2	31.7	30.6	-6.3	320.6	321.6	0.3	21.5	26.9	115.
25.4	71.0	7389.8	399.0	-26.4	-42.3	284.5	32.4	31.4	-5.1	320.9	321.7	0.2	20.4	27.8	115.
25.8	72.0	7536.0	391.0	-27.2	-44.0	283.3	31.6	30.8	-7.3	321.7	322.4	0.2	18.3	28.7	114.
26.2	73.0	7665.9	384.0	-28.3	-44.5	281.8	30.2	29.6	-6.2	321.8	322.5	0.2	19.7	29.4	114.
26.7	74.0	7778.6	378.0	-29.4	-44.6	280.6	29.3	28.8	-5.4	321.9	322.6	0.2	21.0	30.2	114.
27.1	75.0	7911.8	371.0	-30.4	-43.6	280.5	29.0	29.4	-5.4	322.2	323.0	0.2	26.1	30.8	113.
27.5	76.0	8027.5	365.0	-31.5	-43.0	280.4	31.3	30.8	-5.6	322.4	323.2	0.2	30.7	31.5	113.
27.9	77.0	8164.3	358.0	-32.5	-44.7	273.8	30.7	30.3	-4.7	322.7	323.5	0.2	28.2	32.4	113.
28.3	78.0	8283.1	352.0	-33.7	-45.5	276.6	29.0	28.8	-3.3	322.7	323.3	0.2	27.6	33.2	112.
28.8	79.0	8403.4	346.0	-35.0	-45.5	274.6	28.1	28.1	-2.2	322.5	323.2	0.2	32.1	33.8	112.
29.2	80.0	8525.2	340.0	-36.0	-46.6	274.1	29.4	29.4	-2.1	322.9	323.5	0.2	32.1	34.4	112.
29.8	81.0	8669.4	333.0	-36.9	-47.8	273.7	31.8	31.7	-2.1	323.5	324.1	0.1	30.8	35.6	111.
30.1	82.0	8816.1	326.0	-38.1	-48.9	273.3	32.1	32.0	-1.8	323.8	324.3	0.1	30.8	36.2	111.
30.6	83.0	8943.7	320.0	-39.3	-49.3	272.4	31.1	31.1	-1.3	323.9	324.4	0.1	33.2	37.0	110.
30.9	84.0	9051.3	315.0	-40.4	99.9	272.0	30.5	30.5	-1.1	323.9	999.9	99.9	999.9	37.5	110.
31.3	85.0	9182.1	309.0	-41.4	99.9	271.0	29.3	29.3	-0.5	324.2	999.9	99.9	999.9	38.3	110.
31.9	86.0	9337.3	302.0	-42.5	99.9	269.4	27.7	27.7	0.3	324.8	999.9	99.9	999.9	39.1	109.
32.3	87.0	9472.4	296.0	-43.9	99.9	269.2	27.9	27.9	0.4	324.7	999.9	99.9	999.9	39.8	109.
32.8	88.0	9586.6	291.0	-44.9	99.9	270.4	29.8	29.8	-0.2	324.9	999.9	99.9	999.9	40.6	108.
33.2	89.0	9725.5	285.0	-46.2	99.9	271.9	32.4	32.4	-1.1	325.0	999.9	99.9	999.9	41.2	108.
33.6	90.0	9842.9	280.0	-47.3	99.9	273.0	34.6	34.6	-1.8	325.0	999.9	99.9	999.9	42.1	108.
33.9	91.0	9985.8	274.0	-48.3	99.9	272.9	34.7	34.8	-1.8	325.6	999.9	99.9	999.9	42.8	108.
34.3	92.0	10106.9	269.0	-49.3	99.9	271.1	32.7	32.7	-0.7	325.8	999.9	99.9	999.9	43.6	107.
34.7	93.0	10229.6	264.0	-50.2	99.9	267.9	29.7	29.7	1.1	326.3	999.9	99.9	999.9	44.3	107.
35.1	94.0	10379.4	258.0	-51.1	99.9	264.3	27.1	27.0	2.7	327.1	999.9	99.9	999.9	44.9	107.
35.6	95.0	10506.4	253.0	-52.2	99.9	262.9	26.5	26.3	3.3	327.4	999.9	99.9	999.9	45.6	106.
36.1	96.0	10661.5	247.0	-52.9	99.9	265.4	27.4	27.3	2.2	328.5	999.9	99.9	999.9	46.3	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
2315 GMT

151 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.6	97.0	10793.2	242.0	-53.6	99.0	268.1	28.0	28.0	1.0	329.5	999.9	99.9	999.9	47.2	106.
37.0	98.0	10927.3	237.0	-54.2	99.0	269.0	28.6	28.6	0.5	330.5	999.9	99.9	999.9	47.8	106.
37.4	99.0	11063.8	232.0	-55.1	99.9	269.9	30.7	30.7	0.0	331.1	999.9	99.9	999.9	48.3	105.
38.0	100.0	11174.5	228.0	-56.4	99.9	271.2	34.7	34.7	-0.7	330.8	999.9	99.9	999.9	49.7	105.
38.5	101.0	11343.8	222.0	-56.4	99.9	270.5	36.4	36.4	-0.3	333.4	999.9	99.9	999.9	50.4	105.
38.9	102.0	11488.6	217.0	-56.1	99.9	268.9	34.2	34.2	0.7	336.0	999.9	99.9	999.9	51.7	104.
39.4	103.0	11606.8	213.0	-56.4	99.9	268.4	30.1	30.1	0.9	337.3	999.9	99.9	999.9	52.5	104.
39.9	104.0	11757.8	208.0	-55.8	99.0	272.6	29.5	29.5	-1.4	340.6	999.9	99.9	999.9	53.2	104.
40.3	105.0	11912.7	203.0	-55.8	99.9	276.9	32.7	32.5	-3.9	343.0	999.9	99.9	999.9	53.8	104.
40.8	106.0	12039.4	199.0	-55.8	99.9	279.1	36.0	35.6	-5.7	345.0	999.9	99.9	999.9	55.0	104.
41.3	107.0	12168.7	195.0	-55.8	99.9	278.5	34.6	34.2	-5.1	347.0	999.9	99.9	999.9	56.3	104.
41.8	108.0	12334.3	190.0	-55.4	99.9	278.5	32.1	31.8	-4.7	350.1	999.9	99.9	999.9	57.1	103.
42.3	109.0	12470.1	186.0	-54.8	99.9	281.3	33.9	33.2	-6.6	353.2	999.9	99.9	999.9	57.8	103.
42.8	110.0	12609.1	182.0	-55.1	99.9	285.1	38.7	37.4	-10.1	354.9	999.9	99.9	999.9	59.1	103.
43.3	111.0	12787.1	177.0	-55.0	99.0	288.3	43.0	40.8	-15.5	358.0	999.9	99.9	999.9	60.3	103.
43.8	112.0	12932.9	173.0	-55.8	99.9	290.2	45.1	42.3	-15.6	359.1	999.9	99.9	999.9	61.6	104.
44.3	113.0	13081.4	169.0	-56.9	99.9	290.3	43.8	41.1	-15.2	359.6	999.9	99.9	999.9	63.1	104.
44.8	114.0	13232.8	165.0	-57.9	99.9	288.5	40.3	38.2	-12.8	360.4	999.9	99.9	999.9	64.4	104.
45.3	115.0	13387.3	161.0	-58.7	99.9	285.3	38.7	37.4	-10.2	361.5	999.9	99.9	999.9	65.4	104.
45.9	116.0	13585.2	156.0	-59.2	99.9	282.0	40.4	39.5	-8.4	363.9	999.9	99.9	999.9	66.8	104.
46.4	117.0	13748.5	152.0	-57.7	99.0	281.4	41.3	40.5	-8.2	369.2	999.9	99.9	999.9	68.2	104.
47.1	118.0	13874.3	149.0	-57.7	99.0	284.7	42.6	41.2	-10.8	371.4	999.9	99.9	999.9	69.7	104.
47.7	119.0	14045.7	145.0	-58.6	99.9	288.0	44.1	41.9	-13.6	372.8	999.9	99.9	999.9	71.4	104.
48.2	120.0	14220.9	141.0	-59.9	99.9	289.6	41.3	38.9	-13.8	373.4	999.9	99.9	999.9	72.9	104.
48.8	121.0	14400.3	137.0	-60.8	99.9	290.9	35.4	33.1	-10.6	374.9	999.9	99.9	999.9	74.2	104.
49.3	122.0	14537.7	134.0	-61.9	99.9	290.6	34.6	32.4	-12.2	375.4	999.9	99.9	999.9	74.9	104.
49.8	123.0	14677.5	131.0	-62.8	99.9	289.3	35.4	33.4	-11.7	376.3	999.9	99.9	999.9	76.2	104.
50.2	124.0	14868.4	127.0	-63.3	99.0	288.0	34.5	32.8	-10.7	378.6	999.9	99.9	999.9	77.2	104.
50.8	125.0	15014.8	124.0	-64.6	99.9	285.5	32.9	31.7	-8.8	378.8	999.9	99.9	999.9	78.2	104.
51.3	126.0	15214.6	120.0	-65.6	99.9	282.5	33.4	32.4	-1.8	380.6	999.9	99.9	999.9	79.0	104.
51.9	127.0	15420.1	116.0	-66.8	99.9	281.7	32.0	31.3	-6.5	382.1	999.9	99.9	999.9	80.7	104.
52.4	128.0	15578.4	113.0	-67.2	99.9	278.8	31.0	30.6	-7.7	384.3	999.9	99.9	999.9	81.1	104.
53.0	129.0	15740.5	110.0	-67.8	99.9	274.5	32.4	32.3	-7.5	386.1	999.9	99.9	999.9	82.5	104.
53.6	130.0	15962.9	106.0	-68.4	99.9	273.0	31.8	31.7	-1.7	389.0	999.9	99.9	999.9	83.7	104.
54.4	131.0	16193.3	102.0	-68.8	99.0	277.9	36.7*	36.3	-5.1	392.5	999.9	99.9	999.9	84.9	104.
55.1	132.0	16371.4	99.0	-70.1	99.9	283.1	46.2*	45.0	-10.5	393.4	999.9	99.9	999.9	86.8	104.
55.7	133.0	16553.7	96.0	-71.7	99.9	285.2	44.3*	42.8	-15.6	393.8	999.9	99.9	999.9	88.7	104.
56.3	134.0	16741.1	93.0	-71.7	99.9	286.9	34.9*	33.4	-10.1	397.4	999.9	99.9	999.9	90.2	104.
57.0	135.0	16934.1	90.0	-72.6	99.9	291.0	28.2*	26.3	-10.1	399.3	999.9	99.9	999.9	91.2	104.
57.8	136.0	17200.6	86.0	-73.6	99.9	294.2	29.3*	26.8	-12.0	402.6	999.9	99.9	999.9	92.6	104.
58.6	137.0	17481.1	82.0	-70.6	99.9	291.5	28.2*	26.2	-10.3	414.3	999.9	99.9	999.9	94.1	104.
59.4	138.0	17702.3	79.0	-70.6	99.0	293.2	27.4*	25.2	-10.8	418.7	999.9	99.9	999.9	95.3	104.
60.3	139.0	18010.4	75.0	-70.8	99.9	295.3	25.5*	23.1	-10.9	424.5	999.9	99.9	999.9	96.8	104.
61.3	140.0	18252.4	72.0	-70.8	99.9	291.9	17.7*	16.5	-6.6	429.5	999.9	99.9	999.9	98.2	105.
62.3	141.0	18591.8	68.0	-70.1	99.9	279.1	18.0*	17.7	-2.8	438.0	999.9	99.9	999.9	98.9	105.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

6 FEBRUARY 1975  
2315 GMT

151 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.4	142.0	18960.2	65.0	-69.9	99.9	269.7	17.4*	17.4	0.1	444.1	999.9	99.9	999.9	100.4	104.
64.4	143.0	19238.7	61.0	-69.5	99.9	284.7	13.1*	12.7	-3.3	453.2	999.9	99.9	999.9	101.4	104.
65.4	144.0	19539.1	58.0	-70.1	99.9	282.6	15.4	15.0	-3.4	458.4	999.9	99.9	999.9	102.0	104.
66.7	145.0	19967.3	54.0	-67.0	99.9	288.7	22.3	21.2	-7.2	475.1	999.9	99.9	999.9	103.8	104.
67.8	146.0	20313.0	51.0	-66.4	99.9	284.9	27.6	26.6	-7.1	484.3	999.9	99.9	999.9	105.0	104.
68.8	147.0	20809.1	47.0	-65.2	99.9	274.6	20.4	20.4	-1.6	498.6	999.9	99.9	999.9	106.7	104.
70.0	148.0	21214.2	44.0	-61.7	99.9	274.7	14.2	14.1	-1.2	516.7	999.9	99.9	999.9	107.5	104.
71.5	149.0	21652.4	41.0	-61.0	99.9	290.6	8.9	8.3	-3.1	529.0	999.9	99.9	999.9	108.7	104.
73.0	150.0	22289.6	37.0	-61.5	99.9	295.7	19.4	17.5	-8.4	543.4	999.9	99.9	999.9	110.8	104.
74.4	151.0	22813.1	34.0	-62.0	99.9	171.7	7.2	-1.0	7.1	555.3	999.9	99.9	999.9	110.8	104.
76.0	152.0	23385.1	31.0	-61.5	99.9	256.7	16.4	16.0	3.8	571.6	999.9	99.9	999.9	111.2	104.
78.0	153.0	24245.8	27.0	-59.4	99.9	272.3	29.8	29.7	-1.2	600.5	999.9	99.9	999.9	114.2	104.
79.9	154.0	24982.6	24.0	-59.8	99.9	268.8	22.9	22.9	0.5	620.1	999.9	99.9	999.9	115.9	103.
82.2	155.0	26129.0	20.0	-57.2	99.9	277.9	21.7	21.5	-3.0	661.0	999.9	99.9	999.9	120.3	103.
84.9	156.0	27159.2	17.0	-56.2	99.9	267.3	11.5	11.5	0.5	695.6	999.9	99.9	999.9	122.5	103.
88.2	157.0	28401.8	14.0	-53.1	99.9	999.9	99.9	99.9	99.9	746.1	999.9	99.9	999.9	999.9	999.

STATION NO. 261  
DEL RIO, TEX

7 FEBRUARY 1975  
515 GMT

128 89. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIS DG	SPEED M/SEC	U COND M/SEC	V COND M/SEC	POT T DEG K	F POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	314.0	990.8	3.4	-2.3	360.0	3.1	0.0	-3.1	277.7	286.2	3.3	66.0	0.0	0.
0.2	7.0	320.6	990.0	5.9	-6.5	19.2	5.5	-1.7	-5.2	280.1	286.3	2.3	39.2	0.1	200.
0.5	8.0	411.9	979.0	5.4	-7.5	19.2	5.5	-1.7	-5.2	280.5	286.3	2.2	37.8	0.1	200.
0.8	9.0	504.1	968.0	4.8	-7.5	19.9	5.1	-1.5	-4.8	280.9	286.8	2.2	35.2	0.2	199.
1.1	10.0	597.2	957.0	4.0	-8.8	13.9	4.5	-1.5	-4.2	280.9	286.6	2.1	39.2	0.3	199.
1.5	11.0	708.2	944.0	3.3	-9.1	16.5	3.3	-0.9	-3.2	281.3	286.9	2.0	39.7	0.3	199.
1.8	12.0	811.8	937.0	2.5	-9.8	11.8	3.1	-0.6	-3.0	281.5	286.8	2.0	39.9	0.4	198.
2.2	13.0	907.6	921.0	1.5	-10.5	14.0	3.3	-0.8	-3.3	281.4	286.5	1.9	40.4	0.5	197.
2.6	14.0	1004.1	910.0	0.4	-11.2	28.7	4.2	-1.9	-3.7	281.2	286.1	1.8	41.5	0.5	198.
2.9	15.0	1092.7	900.0	-0.1	-13.2	43.9	4.8	-3.3	-3.4	281.6	285.8	1.5	36.2	0.6	198.
3.3	16.0	1209.5	897.0	1.7	-15.2	51.0	4.6	-3.5	-2.9	284.6	288.3	1.3	27.3	0.7	204.
3.7	17.0	1310.0	876.0	1.3	-15.8	50.1	3.3	-2.8	-2.1	285.2	288.9	1.3	26.9	0.8	208.
3.9	18.0	1411.6	865.0	0.8	-15.7	45.2	2.5	-1.8	-1.7	285.8	289.5	1.3	27.7	0.9	208.
4.3	19.0	1504.8	855.0	0.0	-15.8	59.5	1.1	-1.0	-0.6	285.9	289.6	1.3	29.2	0.9	209.
4.7	20.0	1608.4	844.0	-0.8	-22.9	4.0	0.6	-0.0	-0.6	286.0	288.1	0.7	16.7	0.9	210.
5.0	21.0	1732.6	831.0	0.8	-23.6	328.0	1.8	0.9	-1.5	289.0	291.0	0.7	14.0	0.9	210.
5.4	22.0	1839.7	820.0	1.3	-12.2	305.7	3.9	3.2	-2.3	290.7	295.8	1.8	34.4	1.0	205.
5.7	23.0	1938.3	810.0	0.5	-11.5	294.1	5.0	4.6	-2.0	290.9	296.5	1.9	35.8	1.0	200.
6.0	24.0	2038.0	800.0	0.0	-9.1	283.3	6.0	5.8	-1.4	291.5	298.3	2.4	50.3	1.0	194.
6.4	25.0	2148.9	789.0	0.0	-8.7	294.2	6.8	6.2	-2.8	292.7	299.7	2.5	51.5	1.0	185.
6.8	26.0	2271.6	777.0	-0.4	-8.9	303.3	8.0	6.7	-4.4	293.4	300.5	2.5	52.6	1.1	176.
7.1	27.0	2375.1	767.0	-1.1	-10.1	307.5	9.2	7.3	-5.6	293.8	300.4	2.3	50.2	1.2	171.
7.5	28.0	2479.9	757.0	-0.8	-15.6	309.6	10.9	8.4	-7.0	295.1	299.6	1.5	31.4	1.3	165.
7.8	29.0	2586.4	747.0	0.8	-14.5	308.2	12.2	9.6	-7.5	299.0	302.8	1.6	29.6	1.5	161.
8.2	30.0	2694.8	737.0	1.3	-16.2	306.0	13.6	11.0	-8.0	299.7	304.1	1.5	25.7	1.8	155.
8.6	31.0	2793.7	728.0	1.7	-16.5	303.7	14.5	12.1	-8.0	301.1	305.5	1.4	24.4	2.1	150.
9.0	32.0	2905.0	718.0	0.8	-16.6	302.2	14.9	12.6	-7.9	301.4	305.8	1.4	25.7	2.5	146.
9.4	33.0	3017.4	709.0	-0.3	-17.4	301.0	14.9	12.8	-7.7	301.3	305.5	1.4	26.1	2.8	143.
9.7	34.0	3119.5	699.0	-1.2	-16.7	299.5	14.9	13.0	-7.3	301.4	305.9	1.5	29.6	3.0	141.
10.1	35.0	3222.7	690.0	-1.9	-15.5	296.7	14.8	13.2	-6.7	301.8	306.7	1.6	23.1	3.4	139.
10.6	36.0	3362.1	678.0	-2.5	-15.4	292.8	14.8	13.6	-5.7	302.7	307.8	1.7	36.2	3.8	136.
10.9	37.0	3468.0	669.0	-3.1	-16.2	291.1	14.9	13.9	-5.3	303.1	308.0	1.6	35.6	4.0	135.
11.3	38.0	3587.1	659.0	-3.9	-16.7	290.7	15.3	14.4	-5.4	303.5	308.3	1.6	36.1	4.3	132.
11.7	39.0	3695.5	650.0	-4.9	-17.1	291.5	16.2	15.0	-5.9	303.7	308.4	1.5	37.2	4.7	131.
12.0	40.0	3805.0	641.0	-5.4	-17.2	292.4	17.0	15.7	-6.5	304.2	308.9	1.5	38.8	4.9	130.
12.5	41.0	3966.0	628.0	-5.0	-16.5	293.2	18.4	16.9	-7.2	306.5	311.5	1.6	38.3	5.5	128.
12.9	42.0	4092.5	618.0	-5.9	-18.5	292.9	19.4	17.9	-7.5	309.1	313.7	1.4	31.1	5.9	127.
13.3	43.0	4195.3	610.0	-4.0	-19.7	292.8	20.4	18.8	-7.9	310.1	314.6	1.4	30.7	6.4	126.
13.7	44.0	4312.4	601.0	-4.8	-19.5	292.8	21.3	19.6	-8.3	310.5	314.8	1.4	30.4	6.9	125.
14.0	45.0	4431.0	592.0	-5.4	-19.7	292.9	21.9	20.2	-8.5	311.2	315.5	1.4	31.4	7.3	124.
14.4	46.0	4537.5	584.0	-6.5	-20.3	292.3	22.5	20.8	-8.5	311.2	315.3	1.3	32.1	7.8	124.
14.8	47.0	4658.8	575.0	-7.2	-20.4	290.9	22.9	21.4	-8.2	311.7	315.8	1.3	33.7	8.3	123.
15.1	48.0	4781.6	566.0	-7.8	-21.2	289.8	23.0	21.7	-7.8	312.4	316.4	1.2	33.1	8.8	122.
15.5	49.0	4892.2	558.0	-8.7	-22.0	288.4	23.0	21.9	-7.3	312.6	316.4	1.2	33.1	9.3	121.
16.0	50.0	5003.9	550.0	-9.8	-22.5	288.4	22.9	21.8	-7.2	312.5	316.2	1.1	34.6	9.9	120.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

7 FEBRUARY 1975  
515 GMT

126 89. 0

TIME MIN	CNTGT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PNT T DG K	F PNT T DG K	MX RTN GM/KG	RH PCT	RANGE KM	AZ DG
16.5	51.0	5159.5	579.0	-10.8	-23.0	289.4	22.7	21.4	-7.5	313.1	316.7	1.1	35.7	10.6	120.
16.9	52.0	5274.2	531.0	-11.8	-24.4	290.1	22.6	21.3	-7.8	313.2	316.5	1.0	34.3	11.2	119.
17.1	53.0	5390.3	521.0	-12.7	-25.1	290.5	23.1	21.6	-8.1	313.6	316.7	0.9	34.3	11.7	119.
17.7	54.0	5507.9	515.0	-13.1	-27.0	290.7	23.8	22.3	-8.4	314.4	317.1	0.8	29.8	12.2	118.
18.1	55.0	5626.9	507.0	-14.1	-28.1	290.7	24.5	22.9	-8.7	314.6	317.1	0.7	29.2	12.8	118.
18.6	56.0	5703.1	496.0	-15.1	-29.5	290.6	24.6	23.0	-8.7	315.4	317.7	0.7	27.8	13.6	118.
19.0	57.0	5900.5	489.0	-15.9	-30.1	290.5	24.1	22.6	-8.4	315.7	317.8	0.6	28.2	14.2	117.
19.5	58.0	6024.6	481.0	-16.9	-30.3	289.6	23.7	22.3	-7.9	316.0	318.1	0.6	29.9	14.8	117.
19.8	59.0	6157.3	473.0	-17.8	-30.6	288.7	23.9	22.7	-7.7	316.3	318.4	0.6	31.6	15.3	117.
20.2	60.0	6261.7	466.0	-19.6	-30.0	287.6	24.5	23.3	-7.4	316.7	318.9	0.7	35.8	15.8	117.
20.7	61.0	6390.5	458.0	-20.0	-30.7	285.7	25.4	24.3	-7.3	316.5	318.7	0.6	37.5	16.5	116.
21.0	62.0	6520.9	450.0	-20.9	-31.4	286.5	25.8	24.7	-7.3	317.0	319.0	0.6	38.2	17.1	116.
21.4	63.0	6636.6	443.0	-21.9	-32.1	286.3	25.7	24.7	-7.2	317.2	319.2	0.6	38.8	17.7	116.
21.9	64.0	6770.5	435.0	-22.9	-32.8	286.0	25.2	24.2	-7.0	317.5	319.4	0.5	39.8	18.4	115.
22.2	65.0	6889.1	428.0	-24.1	-33.3	286.0	24.9	24.0	-6.9	317.4	319.3	0.5	42.0	18.9	115.
22.8	66.0	7043.8	419.0	-25.6	-34.5	286.2	24.5	23.5	-6.8	317.5	319.2	0.5	42.7	19.7	115.
23.3	67.0	7165.8	412.0	-26.2	-34.5	286.3	24.0	23.0	-6.7	318.2	319.9	0.5	45.2	20.5	114.
23.7	68.0	7289.5	405.0	-27.2	-35.9	286.4	23.6	22.6	-6.7	318.5	320.0	0.4	42.7	21.0	114.
24.0	69.0	7414.9	398.0	-28.2	-36.5	286.4	23.4	22.4	-6.6	318.8	320.2	0.4	42.9	21.5	114.
24.5	70.0	7542.0	391.0	-29.4	-37.8	285.1	23.6	22.8	-6.2	318.8	320.1	0.4	43.4	22.1	114.
25.0	71.0	7707.9	392.0	-30.6	-38.8	282.7	24.2	23.6	-5.3	319.4	320.6	0.3	44.0	22.9	113.
25.5	72.0	7838.9	375.0	-31.9	-39.7	281.4	24.4	24.0	-4.8	319.3	320.4	0.3	45.5	23.5	113.
25.9	73.0	7952.7	369.0	-32.8	-39.7	281.8	25.3	24.7	-5.2	319.6	320.7	0.3	50.0	24.1	113.
26.4	74.0	8087.2	362.0	-34.2	-38.2	282.7	28.2	27.5	-6.2	319.6	320.9	0.4	66.2	24.9	112.
26.8	75.0	8223.7	355.0	-34.8	-39.7	282.7	30.0	29.3	-6.6	320.4	321.6	0.3	60.5	25.4	112.
27.2	76.0	8342.6	349.0	-35.5	-41.1	281.8	29.1	28.5	-5.9	321.1	322.2	0.3	55.9	26.4	112.
27.7	77.0	8483.3	342.0	-36.6	-42.2	279.1	24.9	24.6	-3.9	321.5	322.5	0.3	55.3	27.4	111.
28.1	78.0	8605.8	336.0	-37.5	-43.1	276.7	22.9	22.7	-2.7	321.9	322.8	0.2	55.6	27.4	111.
28.6	79.0	8730.0	330.0	-38.2	-43.9	276.4	25.8	25.6	-2.9	322.6	323.4	0.2	54.1	28.3	111.
29.0	80.0	8977.2	323.0	-39.4	-45.3	277.1	29.6	29.3	-3.7	322.9	323.6	0.2	52.6	29.0	111.
29.6	81.0	9026.9	316.0	-40.5	99.5	277.2	33.1	32.8	-4.1	323.5	999.9	99.9	999.9	30.0	110.
30.0	82.0	9157.2	310.0	-41.7	99.9	276.2	34.5	34.3	-3.8	323.5	999.9	99.9	999.9	30.9	110.
30.4	83.0	9289.4	304.0	-42.7	99.9	274.2	34.8	34.7	-2.6	324.0	999.9	99.9	999.9	31.7	109.
30.8	84.0	9423.6	298.0	-43.9	99.9	271.9	34.7	34.7	-1.2	324.1	999.9	99.9	999.9	32.5	109.
31.2	85.0	9559.8	292.0	-45.1	99.9	269.9	34.5	34.5	0.1	324.3	999.9	99.9	999.9	33.3	109.
31.9	86.0	9721.4	285.0	-46.5	99.9	268.9	34.4	34.4	0.7	324.5	999.9	99.9	999.9	34.6	108.
32.3	87.0	9862.3	279.0	-47.8	99.9	269.5	34.8	34.8	0.3	324.6	999.9	99.9	999.9	35.5	107.
32.8	88.0	10005.4	273.0	-49.0	99.9	269.1	35.5	35.5	0.5	325.0	999.9	99.9	999.9	36.4	107.
33.2	89.0	10150.9	267.0	-50.2	99.9	266.7	35.4	35.4	2.0	325.3	999.9	99.9	999.9	37.3	106.
33.7	90.0	10274.0	262.0	-51.4	99.9	261.4	34.6	34.2	5.1	325.3	999.9	99.9	999.9	38.4	106.
34.0	91.0	10424.1	256.0	-52.5	99.9	257.9	34.1	33.4	7.1	325.8	999.9	99.9	999.9	38.8	105.
34.5	92.0	10551.3	251.0	-53.6	99.9	255.9	35.6	34.5	8.7	326.1	999.9	99.9	999.9	39.6	105.
35.0	93.0	10680.4	246.0	-54.5	99.9	256.7	37.7	36.7	8.6	326.5	999.9	99.9	999.9	40.7	104.
35.6	94.0	10838.2	240.0	-55.7	99.9	258.5	37.1	36.4	7.4	327.1	999.9	99.9	999.9	42.0	103.
36.0	95.0	10972.3	235.0	-55.7	99.9	260.6	35.8	35.3	5.9	329.1	999.9	99.9	999.9	42.7	103.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 261  
DEL RIO, TEX

7 FEBRUARY 1975  
515 GMT

126 89. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
36.5	96.0	11136.7	229.0	-56.5	99.9	264.8	34.7	34.3	3.1	330.3	999.9	99.9	999.9	43.7	102.
36.9	97.0	11276.6	224.0	-57.3	99.9	267.6	34.3	34.3	1.4	331.1	999.9	99.9	999.9	44.5	102.
37.5	98.0	11419.6	219.0	-56.5	99.9	269.7	34.7	34.7	0.2	334.5	999.9	99.9	999.9	45.8	101.
37.9	99.0	11566.7	214.0	-54.9	99.9	271.2	36.3	36.3	-0.7	339.3	999.9	99.9	999.9	46.4	101.
38.4	100.0	11718.4	209.0	-53.4	99.9	274.2	36.4	36.3	-2.7	343.8	999.9	99.9	999.9	47.6	101.
39.0	101.0	11905.8	203.0	-53.6	99.9	279.0	30.9	30.6	-4.8	346.5	999.9	99.9	999.9	49.3	101.
39.7	102.0	12033.7	199.0	-53.9	99.9	282.5	28.5	27.8	-6.2	347.9	999.9	99.9	999.9	49.9	101.
40.1	103.0	12196.9	194.0	-54.4	99.9	282.5	30.2	29.5	-6.5	349.7	999.9	99.9	999.9	50.6	101.
40.7	104.0	12330.2	190.0	-55.0	99.9	281.1	30.5	29.9	-5.9	350.8	999.9	99.9	999.9	52.1	101.
41.1	105.0	12500.5	185.0	-55.3	99.9	280.0	31.5	31.1	-5.5	352.9	999.9	99.9	999.9	52.7	101.
41.7	106.0	12640.0	181.0	-55.2	99.9	279.6	42.2	41.6	-7.0	355.4	999.9	99.9	999.9	53.4	101.
42.2	107.0	12782.5	177.0	-55.8	99.9	280.0	49.7	48.9	-8.6	356.6	999.9	99.9	999.9	55.4	101.
42.7	108.0	12927.8	173.0	-56.5	99.9	280.1	47.7	47.0	-8.4	357.9	999.9	99.9	999.9	57.0	101.
43.3	109.0	13113.5	168.0	-57.3	99.9	278.8	37.5	37.0	-5.8	359.5	999.9	99.9	999.9	58.6	101.
43.8	110.0	13265.5	164.0	-58.5	99.9	276.5	31.8	31.6	-3.6	360.0	999.9	99.9	999.9	59.5	101.
44.5	111.0	13459.7	159.0	-59.4	99.9	275.1	35.4	35.3	-3.2	361.7	999.9	99.9	999.9	60.4	101.
45.1	112.0	13619.0	155.0	-60.1	99.9	275.8	43.2	43.0	-4.4	363.2	999.9	99.9	999.9	62.2	101.
45.7	113.0	13740.9	152.0	-60.3	99.9	276.7	45.0	44.7	-5.2	364.9	999.9	99.9	999.9	63.7	100.
46.2	114.0	13949.4	147.0	-60.4	99.9	278.5	40.4	39.9	-6.0	368.1	999.9	99.9	999.9	65.3	100.
46.8	115.0	14077.8	144.0	-60.8	99.9	283.9	31.6	30.6	-7.6	369.7	999.9	99.9	999.9	66.4	100.
47.6	116.0	14297.6	139.0	-60.8	99.9	291.6	27.1	25.2	-10.0	373.4	999.9	99.9	999.9	67.9	101.
48.1	117.0	14433.2	136.0	-61.3	99.9	291.3	30.7	28.6	-11.1	374.8	999.9	99.9	999.9	68.2	101.
48.7	118.0	14618.4	132.0	-61.3	99.9	289.6	32.5	30.8	-10.4	378.0	999.9	99.9	999.9	69.9	101.
49.1	119.0	14808.9	128.0	-62.2	99.9	285.0	29.6	28.5	-8.1	379.7	999.9	99.9	999.9	70.8	101.
49.7	120.0	14955.1	125.0	-63.2	99.9	278.5	24.3	24.0	-3.6	380.6	999.9	99.9	999.9	71.4	101.
50.2	121.0	15104.0	122.0	-64.7	99.9	273.2	24.2	24.2	-1.3	380.4	999.9	99.9	999.9	72.2	101.
50.8	122.0	15255.3	119.0	-66.5	99.9	271.2	27.2	27.2	-0.6	379.9	999.9	99.9	999.9	73.0	101.
51.4	123.0	15461.7	115.0	-67.7	99.9	270.8	28.9	28.9	-0.4	381.3	999.9	99.9	999.9	74.1	101.
52.0	124.0	15620.4	112.0	-68.6	99.9	272.3	29.6	29.6	-1.2	382.6	999.9	99.9	999.9	74.9	101.
52.7	125.0	15782.6	109.0	-69.7	99.9	274.1	29.0	28.9	-2.1	383.5	999.9	99.9	999.9	76.4	100.
53.3	126.0	16005.1	105.0	-70.3	99.9	272.3	28.6	28.6	-1.1	386.4	999.9	99.9	999.9	77.3	100.
53.9	127.0	16176.8	102.0	-71.5	99.9	270.0	31.1	31.1	0.0	387.4	999.9	99.9	999.9	78.2	100.
54.5	128.0	16352.6	99.0	-72.7	99.9	268.9	36.0	36.0	0.7	388.5	999.9	99.9	999.9	79.7	100.
55.1	129.0	16533.1	96.0	-73.1	99.9	999.9	99.9	99.9	99.9	391.0	999.9	99.9	999.9	999.9	999.
55.8	130.0	16719.4	93.0	-72.7	99.9	999.9	99.9	99.9	99.9	395.5	999.9	99.9	999.9	999.9	999.
56.5	131.0	16977.4	89.0	-72.9	99.9	999.9	99.9	99.9	99.9	400.0	999.9	99.9	999.9	999.9	999.

STATION NO. 261  
DEL RIO, TEX

7 FEBRUARY 1975  
1115 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	314.0	988.7	0.0	-2.9	120.0	1.5	-1.3	0.7	274.4	282.5	3.1	81.0	0.0	0.
0.3	8.0	376.9	981.0	1.8	-6.9	136.3	3.5	-2.4	2.6	276.7	282.9	2.3	52.4	0.2	293.
0.5	9.0	468.1	970.0	3.4	-7.7	136.3	3.5	-2.4	2.6	279.3	285.2	2.2	43.9	0.2	293.
0.9	10.0	560.5	959.0	2.8	-8.4	149.5	3.7	-1.9	3.2	279.5	285.2	2.1	43.4	0.2	301.
1.4	11.0	670.9	946.0	2.6	-9.0	164.9	4.8	-1.3	4.7	280.4	285.9	2.0	41.9	0.3	315.
1.7	12.0	765.4	935.0	2.4	-11.2	171.2	5.1	-0.8	5.1	281.1	285.9	1.7	35.7	0.4	322.
2.0	13.0	861.0	924.0	2.3	-8.2	177.2	5.2	-0.3	5.2	282.0	288.1	2.2	45.9	0.5	327.
2.4	14.0	957.7	913.0	1.6	-7.2	184.4	5.2	0.4	5.1	282.3	288.9	2.4	52.1	0.6	334.
2.7	15.0	1055.1	902.0	0.5	-7.0	183.3	5.1	0.3	5.1	282.1	287.9	2.1	48.9	0.7	338.
3.1	16.0	1171.6	889.0	0.2	-10.4	175.4	4.8	-0.4	4.7	282.9	288.3	1.9	44.8	0.8	342.
3.5	17.0	1271.2	878.0	-0.6	-13.6	159.7	4.3	-1.5	4.0	283.0	287.3	1.5	36.8	0.9	343.
3.9	18.0	1362.7	868.0	-1.0	-15.2	147.9	4.2	-2.2	3.5	283.6	287.4	1.3	32.8	1.0	341.
4.1	19.0	1464.5	857.0	-0.8	-16.8	148.9	3.9	-2.0	3.4	284.8	288.2	1.2	28.6	1.1	340.
4.5	20.0	1558.2	847.0	-0.5	-16.2	169.8	3.3	-0.6	3.2	286.1	289.7	1.3	29.3	1.2	339.
4.9	21.0	1681.7	834.0	-1.3	-16.6	209.7	3.0	1.4	2.6	286.5	290.1	1.3	30.0	1.2	342.
5.3	22.0	1777.9	824.0	-0.6	-23.0	237.0	2.9	2.5	1.6	288.1	290.3	0.7	16.4	1.3	345.
5.6	23.0	1375.5	814.0	0.2	-17.9	258.0	3.2	3.1	0.7	290.0	293.4	1.1	24.1	1.3	347.
6.0	24.0	1574.6	804.0	0.2	-15.3	280.7	4.3	4.2	-0.8	291.1	295.3	1.4	30.0	1.3	350.
6.4	25.0	2075.1	794.0	1.4	-14.5	291.3	5.1	4.8	-1.9	293.5	298.1	1.6	29.3	1.2	356.
6.9	26.0	2197.6	782.0	0.8	-8.7	307.5	5.6	4.4	-3.4	294.2	301.4	2.5	48.9	1.1	3.
7.2	27.0	2301.0	772.0	1.0	-14.6	309.7	6.5	5.0	-4.1	295.4	300.0	1.6	30.0	1.1	7.
7.7	28.0	2405.9	762.0	1.8	-15.8	307.0	8.6	6.8	-5.2	297.3	301.7	1.5	25.7	0.9	18.
8.1	29.0	2512.5	752.0	2.1	-18.2	304.7	10.5	8.6	-6.0	298.8	302.4	1.2	20.5	0.9	31.
8.5	30.0	2620.5	742.0	2.4	-17.2	302.6	12.6	10.6	-6.8	300.3	304.3	1.3	21.8	0.9	45.
8.9	31.0	2719.2	733.0	2.6	-16.8	300.5	13.8	11.9	-7.0	301.5	305.8	1.4	22.2	1.1	68.
9.2	32.0	2830.0	723.0	1.8	-16.8	298.8	14.0	12.3	-6.8	301.8	306.1	1.4	23.6	1.3	77.
9.5	33.0	2930.8	714.0	0.8	-16.1	297.0	14.0	12.5	-6.4	301.8	306.5	1.5	27.0	1.5	83.
10.0	34.0	3044.0	704.0	0.3	-16.0	295.2	13.9	12.5	-5.9	302.5	307.3	1.6	28.1	1.8	90.
10.3	35.0	3147.0	695.0	-0.6	-17.3	295.6	14.3	12.9	-6.2	302.6	306.9	1.4	27.0	2.1	92.
10.9	36.0	3286.2	683.0	-0.3	-17.2	296.1	15.7	14.1	-6.9	304.4	308.9	1.5	26.6	2.5	97.
11.3	37.0	3392.4	674.0	0.2	-20.0	294.9	16.8	15.2	-7.0	306.1	309.7	1.2	20.1	2.9	100.
11.6	38.0	3500.1	665.0	0.2	-17.0	293.3	17.4	16.0	-6.9	307.3	312.0	1.5	26.2	3.2	102.
12.1	39.0	3609.1	656.0	-0.6	-18.6	290.0	18.1	17.0	-6.2	307.6	311.8	1.3	24.2	3.8	103.
12.5	40.0	3719.4	647.0	-1.1	-19.0	287.9	18.4	17.5	-5.6	308.3	312.4	1.3	24.2	4.2	104.
13.0	41.0	3855.9	636.0	-1.9	-19.6	287.3	18.3	17.5	-5.5	308.9	312.9	1.3	24.2	4.7	104.
13.3	42.0	3969.0	627.0	-2.8	-19.3	287.8	18.1	17.2	-5.5	309.1	313.2	1.3	26.7	5.1	104.
13.8	43.0	4083.4	618.0	-3.9	-19.4	289.3	17.7	16.8	-5.6	309.1	313.3	1.3	28.6	5.6	104.
14.2	44.0	4186.1	610.0	-4.5	-19.8	289.2	17.6	16.7	-5.5	309.6	313.7	1.3	29.0	6.0	105.
14.6	45.0	4302.9	601.0	-5.6	-20.3	287.8	17.6	16.8	-5.4	309.7	313.7	1.3	30.1	6.5	105.
15.0	46.0	4421.1	592.0	-6.2	-20.8	287.6	17.8	17.0	-5.4	310.3	314.2	1.2	30.1	6.9	105.
15.4	47.0	4527.4	584.0	-7.2	-21.1	289.2	17.9	16.9	-5.9	310.3	314.1	1.2	31.9	7.3	105.
15.8	48.0	4648.3	575.0	-7.8	-21.2	292.2	18.0	16.7	-6.8	311.0	314.9	1.2	33.1	7.7	105.
16.2	49.0	4757.1	567.0	-8.7	-21.8	295.2	18.2	16.4	-7.7	311.2	314.9	1.2	33.5	8.2	106.
16.6	50.0	4867.1	559.0	-9.5	-22.8	297.5	18.2	16.1	-8.4	311.4	314.9	1.1	32.8	8.6	107.
17.0	51.0	5020.5	548.0	-10.1	-23.5	298.5	18.0	15.8	-8.6	312.5	315.9	1.0	32.2	9.1	107.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

7 FEBRUARY 1975  
1115 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.4	52.0	5133.8	540.0	-10.5	-24.5	298.1	17.9	15.8	-8.4	313.3	316.4	1.0	30.6	9.4	108.
17.8	53.0	5248.4	532.0	-11.7	-25.7	297.4	18.0	16.0	-8.3	313.2	316.1	0.9	29.9	9.8	108.
18.1	54.0	5364.3	524.0	-12.5	-26.2	296.8	18.2	16.3	-8.2	313.6	316.4	0.8	30.6	10.2	108.
18.5	55.0	5466.8	517.0	-13.7	-27.3	295.9	18.5	16.6	-8.1	313.4	316.0	0.8	30.3	10.6	109.
19.0	56.0	5615.1	507.0	-14.5	-28.2	294.5	18.8	17.1	-7.8	314.2	316.6	0.7	30.0	11.2	109.
19.5	57.0	5735.4	499.0	-15.6	-28.8	292.4	19.6	18.1	-7.5	314.2	316.6	0.7	31.0	11.7	109.
19.8	58.0	5857.1	491.0	-16.6	-29.3	291.1	19.9	18.6	-7.2	314.5	316.8	0.7	31.9	12.1	109.
20.2	59.0	5964.9	484.0	-17.3	-30.4	289.4	20.1	18.9	-6.7	314.9	317.0	0.6	30.7	12.6	109.
20.6	60.0	6089.6	476.0	-18.5	-31.5	287.7	19.8	18.9	-6.0	314.9	316.9	0.6	30.7	13.1	109.
21.0	61.0	6199.9	469.0	-19.6	-32.3	295.8	19.5	18.8	-5.3	314.9	316.7	0.5	31.1	13.5	109.
21.5	62.0	6327.5	461.0	-20.6	-32.5	288.9	19.3	18.8	-4.6	315.1	316.9	0.5	33.4	14.1	109.
21.9	63.0	6440.5	454.0	-21.4	-31.7	284.1	19.3	18.8	-4.4	315.5	317.5	0.6	38.6	14.6	109.
22.3	64.0	6554.9	447.0	-22.5	-31.9	282.9	19.8	19.3	-4.4	315.5	317.5	0.6	41.8	15.0	109.
22.7	65.0	6687.1	439.0	-23.9	-31.7	283.2	20.7	20.1	-4.7	315.5	317.5	0.6	48.2	15.5	109.
23.2	66.0	6838.1	430.0	-25.1	-32.3	284.1	21.7	21.0	-5.3	315.8	317.8	0.6	50.7	16.1	108.
23.6	67.0	6939.9	424.0	-26.4	-33.7	285.2	21.8	21.0	-5.7	315.4	317.2	0.5	49.7	16.7	108.
24.1	68.0	7060.2	417.0	-26.9	-34.6	286.0	20.7	19.9	-5.7	316.2	317.9	0.5	47.8	17.4	108.
24.6	69.0	7182.1	410.0	-27.8	-35.5	284.9	19.5	18.8	-5.0	316.6	318.1	0.4	47.7	17.9	108.
25.0	70.0	7305.6	403.0	-28.6	-37.3	282.5	18.9	18.5	-4.1	317.1	318.4	0.4	42.5	18.4	108.
25.6	71.0	7467.2	394.0	-29.4	-39.6	279.0	18.9	18.7	-2.9	318.1	319.2	0.3	36.1	19.1	108.
26.1	72.0	7594.9	387.0	-30.4	-41.2	277.4	19.2	19.1	-2.5	318.5	319.4	0.3	33.4	19.6	107.
26.5	73.0	7705.8	381.0	-31.4	-42.1	276.8	19.5	19.4	-2.3	318.5	319.4	0.2	33.7	20.1	107.
27.0	74.0	7837.0	374.0	-32.0	-43.4	276.3	19.8	19.7	-2.2	319.5	320.3	0.2	30.7	20.7	107.
27.5	75.0	7970.3	367.0	-32.8	-44.1	275.8	19.5	19.4	-2.0	320.2	320.9	0.2	30.7	21.3	107.
27.9	76.0	8086.0	351.0	-34.1	-45.3	275.9	19.0	18.9	-2.0	319.9	320.5	0.2	30.7	21.7	106.
28.4	77.0	8203.2	355.0	-35.2	-45.2	277.0	19.2	19.1	-2.3	320.0	320.7	0.2	34.6	22.2	106.
28.9	78.0	8321.8	349.0	-36.1	-45.3	273.7	21.0	20.7	-3.2	320.3	320.9	0.2	37.8	22.8	106.
29.4	79.0	8462.1	342.0	-37.3	-46.0	279.9	23.2	22.8	-4.0	320.5	321.1	0.2	39.5	23.4	106.
29.9	80.0	8604.6	335.0	-38.5	-47.1	280.3	24.0	23.6	-4.3	320.7	321.3	0.2	39.5	24.3	106.
30.3	81.0	8770.4	327.0	-39.5	-47.9	280.0	23.7	23.3	-4.1	321.6	322.1	0.1	39.7	24.8	105.
30.8	82.0	8856.8	321.0	-40.7	99.9	279.4	23.6	23.3	-3.9	321.7	999.9	99.9	999.9	25.5	105.
31.3	83.0	9024.9	315.0	-41.9	99.9	278.6	24.3	24.0	-3.6	321.9	999.9	99.9	999.9	26.2	105.
31.8	84.0	9155.0	309.0	-42.7	99.9	277.8	24.6	24.3	-3.3	322.4	999.9	99.9	999.9	27.0	105.
32.2	85.0	9286.9	303.0	-44.1	99.9	277.2	24.5	24.3	-3.1	322.3	999.9	99.9	999.9	27.6	105.
32.8	86.0	9420.8	297.0	-45.1	99.9	276.2	24.7	24.6	-2.7	322.7	999.9	99.9	999.9	28.4	104.
33.2	87.0	9556.9	291.0	-45.7	99.9	275.0	25.2	25.1	-2.2	323.8	999.9	99.9	999.9	29.0	104.
33.7	88.0	9695.3	285.0	-47.0	99.9	272.5	25.8	25.8	-1.1	323.8	999.9	99.9	999.9	29.8	104.
34.1	89.0	9836.0	279.0	-47.9	99.9	270.1	26.1	26.1	-0.1	324.5	999.9	99.9	999.9	30.3	104.
34.6	90.0	9955.0	274.0	-48.8	99.9	267.4	26.4	26.4	1.2	324.9	999.9	99.9	999.9	31.1	103.
35.1	91.0	10100.1	268.0	-50.2	99.9	265.9	26.7	26.7	1.9	325.0	999.9	99.9	999.9	31.9	103.
35.6	92.0	10222.7	263.0	-51.6	99.9	266.2	27.2	27.1	1.8	324.7	999.9	99.9	999.9	32.6	103.
36.0	93.0	10347.2	258.0	-52.0	99.9	267.3	27.3	27.2	1.3	325.8	999.9	99.9	999.9	33.3	102.
36.5	94.0	10473.6	253.0	-53.1	99.9	267.8	25.8	25.8	1.0	326.0	999.9	99.9	999.9	34.2	102.
37.0	95.0	10602.0	248.0	-54.1	99.9	268.1	24.5	24.5	0.8	326.4	999.9	99.9	999.9	34.8	102.
37.5	96.0	10785.3	241.0	-55.1	99.9	269.7	25.2	25.2	0.1	327.6	999.9	99.9	999.9	35.4	101.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

7 FEBRUARY 1975  
1115 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.0	97.0	10918.8	236.0	-56.4	99.9	271.8	26.7	26.7	-0.8	327.6	999.9	99.9	999.9	36.3	101.
38.5	98.0	11054.5	231.0	-56.9	99.9	272.3	28.2	28.2	-1.1	328.8	999.9	99.9	999.9	37.0	101.
39.0	99.0	11193.3	226.0	-56.4	99.9	270.2	30.7	30.7	-0.1	331.6	999.9	99.9	999.9	38.0	101.
39.4	100.0	11307.0	222.0	-55.1	99.9	268.3	33.5	33.4	1.0	335.4	999.9	99.9	999.9	38.6	101.
40.0	101.0	11482.7	216.0	-53.5	99.9	267.6	36.4	36.4	1.5	340.6	999.9	99.9	999.9	40.0	100.
40.6	102.0	11633.4	211.0	-53.5	99.9	269.8	36.3	36.3	0.1	342.8	999.9	99.9	999.9	41.2	100.
41.0	103.0	11756.3	207.0	-54.4	99.9	271.3	34.9	34.9	-0.8	343.2	999.9	99.9	999.9	42.1	100.
41.5	104.0	11913.3	202.0	-53.5	99.9	272.9	32.6	32.6	-1.7	347.1	999.9	99.9	999.9	43.3	99.
42.1	105.0	12042.1	198.0	-53.1	99.9	276.3	34.8	34.6	-3.8	349.6	999.9	99.9	999.9	44.1	99.
42.6	106.0	12206.9	193.0	-53.1	99.9	278.7	39.4	39.0	-5.9	352.2	999.9	99.9	999.9	45.2	99.
43.1	107.0	12341.9	189.0	-53.1	99.9	279.7	42.2	41.6	-7.1	354.3	999.9	99.9	999.9	46.8	99.
43.7	108.0	12470.7	185.0	-53.3	99.9	279.8	42.3	41.6	-7.2	356.2	999.9	99.9	999.9	48.1	99.
44.2	109.0	12620.4	181.0	-53.6	99.9	280.2	41.1	40.5	-7.3	358.0	999.9	99.9	999.9	49.5	99.
44.7	110.0	12763.6	177.0	-54.9	99.9	280.9	40.0	39.3	-7.6	358.1	999.9	99.9	999.9	50.7	99.
45.4	111.0	12946.2	172.0	-56.4	99.9	280.7	40.5	39.8	-7.6	358.6	999.9	99.9	999.9	52.3	99.
45.9	112.0	13095.3	168.0	-57.3	99.9	279.7	39.8	39.2	-6.7	359.6	999.9	99.9	999.9	53.6	99.
46.5	113.0	13247.4	164.0	-58.1	99.9	278.4	37.8	37.4	-5.5	360.6	999.9	99.9	999.9	54.9	99.
46.9	114.0	13402.8	160.0	-58.5	99.9	277.9	38.5	38.2	-5.3	362.6	999.9	99.9	999.9	55.8	99.
47.5	115.0	13561.4	156.0	-59.9	99.9	276.9	41.1	40.8	-4.9	362.8	999.9	99.9	999.9	57.1	99.
48.1	116.0	13764.8	151.0	-60.3	99.9	276.0	40.5	40.3	-4.3	365.6	999.9	99.9	999.9	58.9	99.
48.6	117.0	13889.6	148.0	-61.3	99.9	276.1	38.4	38.2	-4.1	365.8	999.9	99.9	999.9	59.9	99.
49.2	118.0	14059.3	144.0	-61.9	99.9	277.8	39.4	39.0	-5.3	367.7	999.9	99.9	999.9	61.2	99.
49.7	119.0	14189.2	141.0	-63.2	99.9	280.5	42.0	41.3	-7.7	367.6	999.9	99.9	999.9	62.4	99.
50.1	120.0	14366.0	137.0	-63.6	99.9	283.2	42.6	41.5	-9.7	370.0	999.9	99.9	999.9	63.5	99.
50.6	121.0	14501.8	134.0	-63.8	99.9	285.9	39.6	38.1	-10.9	372.0	999.9	99.9	999.9	65.0	99.
51.2	122.0	14687.5	130.0	-64.0	99.9	285.5	35.9	34.6	-9.6	374.8	999.9	99.9	999.9	66.0	99.
51.8	123.0	14830.1	127.0	-65.2	99.9	281.2	34.3	33.6	-6.7	375.2	999.9	99.9	999.9	67.5	100.
52.2	124.0	14975.5	124.0	-65.8	99.9	278.9	33.3	32.9	-5.1	376.7	999.9	99.9	999.9	68.2	99.
52.9	125.0	15174.2	120.0	-66.9	99.9	279.1	31.5	31.1	-5.0	378.3	999.9	99.9	999.9	69.6	99.
53.4	126.0	15327.5	117.0	-66.0	99.9	281.3	29.5	28.9	-5.8	382.6	999.9	99.9	999.9	70.4	99.
54.0	127.0	15484.3	114.0	-67.9	99.9	282.3	26.4	25.8	-5.6	381.9	999.9	99.9	999.9	71.7	100.
54.6	128.0	15698.5	110.0	-69.0	99.9	280.1	26.5	26.0	-4.7	383.8	999.9	99.9	999.9	72.2	100.
55.1	129.0	15808.0	108.0	-69.9	99.9	277.9	27.1	26.9	-3.7	384.1	999.9	99.9	999.9	73.3	100.
55.7	130.0	16031.9	104.0	-71.3	99.9	275.5	25.8	25.6	-2.5	385.7	999.9	99.9	999.9	74.2	99.
56.3	131.0	16204.5	101.0	-72.2	99.9	273.5	25.5	25.4	-1.6	387.1	999.9	99.9	999.9	75.1	99.
56.9	132.0	16381.9	98.0	-72.5	99.9	271.8	26.6	26.6	-0.8	389.9	999.9	99.9	999.9	75.9	99.
57.5	133.0	16564.6	95.0	-72.5	99.9	270.7	24.6	24.6	-0.3	393.4	999.9	99.9	999.9	77.3	99.
57.9	134.0	16689.6	93.0	-72.7	99.9	271.9	24.4	24.4	-0.8	395.3	999.9	99.9	999.9	77.4	99.
58.5	135.0	16881.1	90.0	-74.7	99.9	274.7	29.6	29.5	-2.4	395.0	999.9	99.9	999.9	78.1	99.
59.1	136.0	17077.9	87.0	-75.3	99.9	276.5	32.2	32.0	-3.7	397.8	999.9	99.9	999.9	79.7	99.
59.8	137.0	17350.9	83.0	-75.0	99.9	278.4	28.4	28.1	-4.2	403.8	999.9	99.9	999.9	80.9	99.
60.5	138.0	17564.5	80.0	-75.0	99.9	281.0	26.3	25.8	-5.0	408.0	999.9	99.9	999.9	82.0	99.
61.1	139.0	17785.8	77.0	-76.1	99.9	284.6	25.0	24.2	-6.3	410.3	999.9	99.9	999.9	83.0	99.
61.8	140.0	18015.8	74.0	-75.0	99.9	286.9	19.2	18.4	-5.6	417.2	999.9	99.9	999.9	84.0	99.
62.5	141.0	18256.2	71.0	-74.7	99.9	283.1	15.4	15.0	-3.5	422.8	999.9	99.9	999.9	84.4	99.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
OFL RIO, TEX

7 FEBRUARY 1975  
1115 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.2	142.0	18423.1	69.0	-72.7	99.9	284.0	19.9	19.3	-4.8	430.6	999.9	99.9	999.9	85.2	99.
64.0	143.0	18685.1	66.0	-71.1	99.9	289.2	23.1	21.8	-7.6	439.7	999.9	99.9	999.9	86.4	99.
64.9	144.0	18961.3	63.0	-69.9	99.9	291.4	17.4	16.2	-6.4	448.2	999.9	99.9	999.9	87.6	99.
65.8	145.0	19251.7	60.0	-69.9	99.9	293.3	16.6	15.2	-6.5	454.5	999.9	99.9	999.9	88.2	100.
66.7	146.0	19557.4	57.0	-69.5	99.9	292.6	13.3	12.3	-5.1	462.2	999.9	99.9	999.9	89.2	100.
67.7	147.0	19770.3	55.0	-69.9	99.9	267.3	11.9	11.9	0.6	465.9	999.9	99.9	999.9	89.9	100.
68.6	148.0	20105.2	52.0	-68.8	99.9	249.4	9.2	7.7	2.9	476.0	999.9	99.9	999.9	90.4	100.
69.6	149.0	20340.4	50.0	-67.9	99.9	261.8	13.5	13.4	1.9	483.5	999.9	99.9	999.9	90.9	99.
70.7	150.0	20712.4	47.0	-67.9	99.9	256.7	15.7	15.3	3.6	492.1	999.9	99.9	999.9	91.7	99.
71.8	151.0	20575.2	45.0	-65.8	99.9	279.7	16.0	15.8	-2.7	503.3	999.9	99.9	999.9	93.0	99.
72.9	152.0	21394.6	42.0	-65.4	99.9	286.4	16.7	16.0	-4.7	514.4	999.9	99.9	999.9	93.9	99.
73.9	153.0	21690.9	40.0	-66.2	99.9	286.0	14.7	14.2	-4.1	519.6	999.9	99.9	999.9	94.7	99.
75.0	154.0	22163.6	37.0	-66.0	99.9	275.8	14.9	14.8	-1.5	531.8	999.9	99.9	999.9	95.8	99.
76.4	155.0	22502.6	35.0	-63.8	99.9	278.7	18.2	18.0	-2.7	546.1	999.9	99.9	999.9	97.2	99.
77.9	156.0	23056.5	32.0	-60.4	99.9	286.7	15.0	14.4	-4.3	569.3	999.9	99.9	999.9	98.7	99.
79.3	157.0	23457.4	30.0	-61.7	99.9	281.0	18.1	17.8	-3.5	576.4	999.9	99.9	999.9	99.7	99.
80.9	158.0	24111.6	27.0	-60.6	99.9	281.8	15.6	15.2	-3.2	597.1	999.9	99.9	999.9	101.7	99.
82.7	159.0	24589.3	25.0	-61.9	99.9	272.1	10.6	10.6	-0.4	606.7	999.9	99.9	999.9	102.9	99.
84.6	160.0	25380.0	22.0	-62.1	99.9	253.6	14.1	13.5	4.0	628.8	999.9	99.9	999.9	104.4	99.
87.2	161.0	25973.3	20.0	-59.2	99.9	262.0	18.9	18.7	2.6	655.1	999.9	99.9	999.9	106.1	99.
89.3	162.0	26635.0	18.0	-58.3	99.9	253.0	25.5	24.4	7.5	677.9	999.9	99.9	999.9	108.7	98.
92.3	163.0	27787.0	15.0	-56.6	99.9	279.1	26.7	26.3	-4.2	719.9	999.9	99.9	999.9	114.0	97.
95.8	164.0	28658.6	13.0	-54.8	99.9	999.9	99.9	99.9	99.9	756.3	999.9	99.9	999.9	999.9	999.

STATION NO. 265  
MIDLAND, TEX

5 FEBRUARY 1975  
2315 GMT

150 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.5	873.0	913.3	15.6	0.6	230.0	5.7	4.4	3.7	296.9	309.1	4.4	36.0	0.0	0.
0.3	12.0	931.6	907.0	14.6	-0.0	999.9	99.9	99.9	99.9	296.5	308.2	4.2	36.5	999.9	999.
0.7	13.0	1044.0	895.0	13.7	-1.4	999.9	99.9	99.9	99.9	296.6	307.4	3.9	35.2	999.9	999.
1.1	14.0	1157.5	883.0	12.9	-2.1	999.9	99.9	99.9	99.9	296.9	307.4	3.7	35.2	999.9	999.
1.7	15.0	1272.1	871.0	11.6	-3.0	248.3	10.6	9.8	3.9	296.7	306.6	3.5	35.8	0.9	76.
2.2	16.0	1407.2	857.0	10.3	-3.9	246.9	10.5	9.6	4.1	296.7	306.1	3.3	36.4	1.3	74.
2.7	17.0	1514.5	846.0	9.2	-4.2	246.5	11.2	10.2	4.5	296.6	306.0	3.3	38.5	1.6	72.
3.1	18.0	1622.7	835.0	8.0	-4.4	246.5	12.6	11.5	5.0	296.4	305.8	3.3	41.2	1.8	72.
3.6	19.0	1741.9	823.0	6.6	-4.9	248.7	13.4	12.5	4.9	296.2	305.3	3.2	43.7	2.3	71.
4.0	20.0	1852.2	812.0	5.9	-4.3	251.3	13.4	12.7	4.3	296.6	306.3	3.4	48.0	2.6	71.
4.4	21.0	1994.4	798.0	4.7	-5.3	253.0	11.8	11.3	3.5	296.8	305.9	3.2	48.2	2.9	71.
4.8	22.0	2107.4	787.0	3.9	-5.4	255.8	11.4	11.1	2.8	297.1	306.3	3.3	50.7	3.1	71.
5.1	23.0	2211.0	777.0	2.2	-6.0	257.4	11.7	11.4	2.5	296.4	305.3	3.1	54.4	3.3	71.
5.4	24.0	2326.1	766.0	1.4	-5.9	258.0	12.4	12.1	2.6	296.7	305.8	3.2	58.2	3.6	72.
5.8	25.0	2442.3	755.0	-0.0	-6.7	261.3	12.3	12.2	1.9	296.3	305.0	3.1	60.6	3.9	72.
6.4	26.0	2581.4	742.0	-0.7	-6.4	265.5	14.8	14.8	1.2	297.1	306.2	3.2	65.2	4.3	74.
6.8	27.0	2700.7	731.0	-1.2	-8.0	267.0	16.5	16.4	0.9	297.9	306.1	2.9	59.5	4.7	75.
7.2	28.0	2810.5	721.0	-1.8	-10.2	270.6	17.4	17.4	-0.2	298.3	305.3	2.4	52.2	5.1	76.
7.6	29.0	2921.6	711.0	-1.8	-13.1	276.2	18.1	18.0	-1.9	299.4	305.2	2.0	41.4	5.5	77.
7.9	30.0	3045.7	700.0	-1.6	-13.7	279.8	18.9	18.6	-3.2	300.9	306.5	1.9	38.9	5.8	78.
8.3	31.0	3160.1	690.0	-2.4	-15.1	283.8	20.6	20.0	-4.9	301.3	306.4	1.7	36.7	6.2	80.
8.7	32.0	3276.1	680.0	-2.1	-16.7	286.3	22.9	22.0	-6.4	302.8	307.5	1.5	31.4	6.7	82.
9.1	33.0	3382.0	671.0	-1.8	-18.6	287.2	25.7	24.6	-7.6	304.3	308.4	1.3	26.2	7.2	84.
9.6	34.0	3501.5	661.0	-1.9	-17.5	286.7	29.1	27.8	-8.4	305.5	309.8	1.4	28.1	7.9	86.
9.9	35.0	3622.5	651.0	-2.6	-18.4	286.3	30.3	29.1	-8.5	306.1	310.3	1.4	28.2	8.5	88.
10.3	36.0	3770.0	639.0	-3.0	-18.8	286.2	30.7	29.5	-8.5	307.2	311.4	1.3	28.2	9.3	89.
10.8	37.0	3882.2	630.0	-3.8	-18.9	286.6	30.4	29.1	-8.7	307.6	311.8	1.4	29.7	10.1	91.
11.2	38.0	4008.3	620.0	-4.7	-19.7	286.8	30.5	29.2	-8.8	307.9	312.0	1.3	29.7	10.8	92.
11.7	39.0	4136.0	610.0	-5.6	-19.9	286.5	31.1	29.9	-8.9	308.3	312.4	1.3	31.1	11.7	93.
12.2	40.0	4239.4	602.0	-6.3	-19.5	285.7	31.4	30.2	-8.5	308.6	312.7	1.3	33.1	12.6	94.
12.7	41.0	4396.7	590.0	-7.2	-20.5	284.4	31.2	30.2	-7.8	309.4	313.4	1.3	33.7	13.6	95.
13.2	42.0	4516.3	580.0	-8.3	-20.7	282.6	31.9	31.1	-7.0	309.5	313.5	1.3	35.8	14.4	95.
13.6	43.0	4637.2	570.0	-9.3	-20.7	281.4	32.8	32.2	-6.5	309.7	313.8	1.3	38.6	15.1	96.
14.0	44.0	4759.7	563.0	-10.1	-20.9	280.7	33.2	32.6	-6.1	310.1	314.2	1.3	40.9	16.2	96.
14.4	45.0	4883.7	554.0	-11.3	-21.4	280.5	32.0	31.5	-5.9	310.2	314.1	1.2	42.9	16.8	96.
14.8	46.0	5009.1	545.0	-12.5	-21.9	280.5	30.7	30.2	-5.6	310.1	314.0	1.2	45.4	17.6	96.
15.2	47.0	5121.9	537.0	-13.5	-23.4	280.5	29.7	29.2	-5.4	310.2	313.7	1.1	42.9	18.3	96.
15.6	48.0	5250.3	528.0	-14.2	-24.3	280.4	29.3	28.9	-5.3	310.9	314.2	1.0	42.1	19.0	97.
16.1	49.0	5366.0	520.0	-15.1	-25.0	280.3	29.7	29.2	-5.3	311.2	314.4	1.0	42.2	19.8	97.
16.6	50.0	5497.7	511.0	-16.3	-26.0	280.4	29.9	29.4	-5.4	311.3	314.2	0.9	42.9	20.8	97.
17.0	51.0	5646.2	501.0	-17.1	-26.6	280.7	29.9	29.4	-5.6	312.0	314.9	0.9	43.3	21.7	97.
17.3	52.0	5766.8	493.0	-17.9	-27.4	281.2	31.8	31.2	-6.2	312.5	315.1	0.8	43.3	21.9	97.
17.8	53.0	5889.0	485.0	-18.6	-28.1	282.1	35.6	34.8	-7.5	313.1	315.6	0.8	42.9	22.9	97.
18.2	54.0	6012.8	477.0	-19.7	-29.0	283.6	37.3	36.3	-8.7	313.2	315.6	0.7	43.1	24.0	97.
18.6	55.0	6138.2	469.0	-20.8	-30.1	285.6	37.1	35.8	-10.0	313.4	315.6	0.7	42.5	25.0	98.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

5 FEBRUARY 1975  
2315 GMT

150 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P. DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.0	56.0	6207.3	459.0	-21.6	-31.5	289.3	36.1	34.3	-11.3	314.3	316.3	0.6	40.3	25.7	98.
19.3	57.0	6410.4	452.0	-22.4	-32.0	289.3	37.1	35.0	-12.2	314.7	316.6	0.6	40.8	26.3	98.
19.8	58.0	6541.3	444.0	-23.5	-32.8	289.7	39.3	37.0	-13.2	314.9	316.8	0.5	41.8	27.4	99.
20.2	59.0	6674.1	436.0	-24.3	-33.8	289.5	40.4	38.1	-13.5	315.6	317.3	0.5	40.5	28.4	99.
20.7	60.0	6791.9	429.0	-25.2	-35.5	289.5	40.1	37.8	-13.4	315.8	317.3	0.4	38.0	29.6	100.
21.1	61.0	6911.3	422.0	-25.7	-35.5	289.7	39.2	36.9	-13.2	316.6	318.1	0.4	38.0	30.5	100.
21.5	62.0	7049.8	414.0	-26.5	-38.5	289.8	38.6	36.3	-13.1	317.3	318.5	0.3	31.6	31.6	100.
22.1	63.0	7172.7	407.0	-27.9	-39.4	290.0	40.0	37.6	-13.7	317.2	318.2	0.3	31.9	32.7	101.
22.5	64.0	7297.0	400.0	-29.2	-40.1	289.9	41.5	39.1	-13.1	317.0	318.0	0.3	33.6	33.8	101.
23.0	65.0	7422.9	393.0	-30.1	-41.5	289.0	41.3	39.1	-13.5	317.4	318.3	0.2	31.7	35.1	101.
23.5	66.0	7587.4	384.0	-31.3	-43.2	289.0	38.5	36.6	-13.9	317.9	318.7	0.2	29.6	36.3	101.
23.9	67.0	7658.7	378.0	-32.5	-43.0	287.3	36.8*	35.1	-10.9	317.8	318.5	0.2	31.1	37.2	102.
24.4	68.0	7849.1	370.0	-33.7	-44.1	286.5	37.2*	35.7	-10.6	318.1	318.8	0.2	32.5	38.1	102.
24.8	69.0	7963.5	364.0	-35.1	-45.1	286.3	39.6*	38.0	-11.1	317.8	318.4	0.2	34.1	39.1	102.
25.3	70.0	8098.6	357.0	-36.2	-45.9	287.0	42.9*	41.1	-12.5	318.1	318.7	0.2	35.5	40.2	102.
25.8	71.0	8255.4	349.0	-37.7	-46.9	288.5	43.6*	41.3	-13.8	318.1	318.7	0.2	36.9	41.8	102.
26.2	72.0	8374.9	343.0	-38.4	-47.9	290.4	41.9*	39.3	-14.6	318.8	319.3	0.1	35.4	42.9	102.
26.8	73.0	8516.4	336.0	-39.5	-49.2	293.7	39.3*	36.0	-15.8	319.2	319.6	0.1	34.0	44.1	103.
27.2	74.0	8639.4	330.0	-40.6	99.9	295.1	38.5*	34.9	-16.3	319.4	999.9	99.9	999.9	45.1	103.
27.7	75.0	8764.1	324.0	-41.7	99.9	294.9	38.5*	34.9	-16.2	319.5	999.9	99.9	999.9	46.3	103.
28.2	76.0	8890.5	318.0	-42.8	99.9	293.4	40.6*	37.3	-16.1	319.7	999.9	99.9	999.9	47.1	103.
28.7	77.0	9040.3	311.0	-44.2	99.9	292.3	43.0*	39.8	-16.3	319.7	999.9	99.9	999.9	48.5	104.
29.1	78.0	9170.6	305.0	-45.3	99.9	292.0	43.5*	40.3	-16.3	320.1	999.9	99.9	999.9	50.2	104.
29.6	79.0	9280.6	300.0	-46.4	99.9	291.5	44.7*	41.6	-16.4	319.9	999.9	99.9	999.9	50.4	104.
30.0	80.0	9437.1	293.0	-47.5	99.9	290.9	47.0*	43.9	-16.8	320.6	999.9	99.9	999.9	52.1	104.
30.4	81.0	9596.5	286.0	-49.5	99.9	291.1	45.3*	42.2	-16.3	321.3	999.9	99.9	999.9	53.4	104.
30.9	82.0	9735.7	280.0	-49.7	99.9	291.7	41.4*	38.5	-15.3	321.5	999.9	99.9	999.9	54.5	105.
31.2	83.0	9853.4	275.0	-50.2	99.9	291.6	40.9*	38.1	-15.1	322.5	999.9	99.9	999.9	55.0	105.
31.7	84.0	9997.0	269.0	-51.8	99.9	290.8	42.4*	39.7	-15.1	322.3	999.9	99.9	999.9	56.3	105.
32.0	85.0	10118.4	264.0	-52.9	99.9	290.0	43.9*	41.3	-15.0	322.4	999.9	99.9	999.9	57.3	105.
32.5	86.0	10291.3	257.0	-54.2	99.9	288.5	44.0*	41.8	-14.0	323.0	999.9	99.9	999.9	58.3	105.
32.9	87.0	10417.0	252.0	-55.0	99.9	287.7	43.9*	41.8	-13.4	323.6	999.9	99.9	999.9	59.6	105.
33.3	88.0	10544.6	247.0	-56.5	99.9	287.4	45.6*	43.5	-13.6	323.2	999.9	99.9	999.9	60.5	105.
33.7	89.0	10674.0	242.0	-57.9	99.9	287.2	48.5*	46.3	-14.3	323.0	999.9	99.9	999.9	61.5	105.
34.2	90.0	10805.2	237.0	-59.3	99.9	286.9	50.7*	48.5	-14.7	322.8	999.9	99.9	999.9	63.2	105.
34.5	91.0	10938.6	232.0	-59.9	99.9	286.6	50.2*	48.1	-14.3	323.9	999.9	99.9	999.9	64.3	105.
35.0	92.0	11074.7	227.0	-60.0	99.9	285.8	42.8*	41.2	-13.7	325.7	999.9	99.9	999.9	65.8	105.
35.4	93.0	11213.6	222.0	-60.2	99.9	284.4	39.7*	38.4	-13.9	327.5	999.9	99.9	999.9	66.6	105.
36.0	94.0	11326.9	218.0	-60.6	99.9	281.7	44.5*	43.6	-13.0	328.6	999.9	99.9	999.9	67.4	105.
36.3	95.0	11471.4	213.0	-60.6	99.9	280.7	48.6*	47.7	-13.1	330.8	999.9	99.9	999.9	68.7	105.
36.9	96.0	11649.2	207.0	-60.8	99.9	281.2	53.1*	52.1	-10.3	333.2	999.9	99.9	999.9	70.9	105.
37.3	97.0	11770.6	203.0	-60.8	99.9	284.7	54.5*	52.8	-13.8	335.1	999.9	99.9	999.9	71.8	105.
37.9	98.0	11925.6	198.0	-61.1	99.9	292.2	55.8*	51.6	-2.1	336.9	999.9	99.9	999.9	74.2	105.
38.2	99.0	12052.6	194.0	-60.4	99.9	295.3	54.9*	49.7	-23.5	340.1	999.9	99.9	999.9	75.1	105.
38.7	100.0	12182.8	190.0	-59.1	99.9	297.9	52.4*	46.3	-23.5	344.2	999.9	99.9	999.9	76.5	105.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

5 FEBRUARY 1975  
2315 GMT

150 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
39.3	101.0	12384.6	184.0	-57.9	99.9	295.4	49.8*	45.0	-21.3	349.3	999.9	99.9	999.9	78.3	106.
39.8	102.0	12523.7	180.0	-56.2	99.9	291.6	47.1*	43.8	-17.3	354.3	999.9	99.9	999.9	79.8	106.
40.2	103.0	12667.1	176.0	-54.3	99.9	288.9	43.7*	41.3	-14.1	359.6	999.9	99.9	999.9	81.1	106.
40.7	104.0	12814.6	172.0	-54.0	99.9	286.2	39.4*	37.8	-11.0	362.6	999.9	99.9	999.9	82.1	106.
41.1	105.0	12965.3	168.0	-55.0	99.9	284.2	37.2*	36.1	-9.1	363.4	999.9	99.9	999.9	83.0	106.
41.6	106.0	13118.8	164.0	-56.3	99.9	281.4	35.7*	35.0	-7.0	363.6	999.9	99.9	999.9	84.1	106.
42.0	107.0	13275.3	160.0	-57.2	99.9	279.1	34.6*	34.2	-5.5	364.8	999.9	99.9	999.9	85.1	106.
42.5	108.0	13394.8	157.0	-58.1	99.9	278.4	36.9*	36.5	-5.4	365.3	999.9	99.9	999.9	85.9	106.
43.1	109.0	13557.4	153.0	-57.9	99.9	279.8	41.0*	40.4	-7.0	368.3	999.9	99.9	999.9	87.2	106.
43.6	110.0	13724.3	149.0	-58.2	99.9	280.0	36.6*	36.0	-6.4	370.5	999.9	99.9	999.9	89.0	106.
44.2	111.0	13895.5	145.0	-58.6	99.9	277.3	27.6*	27.4	-3.5	372.7	999.9	99.9	999.9	89.8	105.
44.6	112.0	14026.6	142.0	-59.5	99.9	275.6	27.0*	26.9	-2.6	373.4	999.9	99.9	999.9	90.0	105.
45.1	113.0	14205.3	138.0	-59.9	99.9	276.0	32.3*	32.1	-3.4	375.8	999.9	99.9	999.9	91.2	105.
45.5	114.0	14342.5	135.0	-60.0	99.9	276.8	36.6*	36.3	-3.3	377.9	999.9	99.9	999.9	92.0	105.
46.0	115.0	14482.5	132.0	-61.0	99.9	277.2	39.4*	39.1	-4.9	378.7	999.9	99.9	999.9	92.9	105.
46.5	116.0	14722.1	127.0	-61.7	99.9	277.3	39.8*	39.5	-5.1	381.5	999.9	99.9	999.9	94.5	105.
47.0	117.0	14869.9	124.0	-62.5	99.9	278.2	38.4*	38.0	-5.4	382.8	999.9	99.9	999.9	95.5	105.
47.4	118.0	15020.6	121.0	-63.6	99.9	279.6	37.0*	36.5	-6.2	383.3	999.9	99.9	999.9	96.4	105.
47.9	119.0	15174.6	119.0	-63.8	99.9	279.7	33.7*	33.2	-5.7	385.7	999.9	99.9	999.9	97.5	105.
48.3	120.0	15332.0	115.0	-65.2	99.9	276.6	29.9*	29.7	-3.5	386.0	999.9	99.9	999.9	98.5	105.
48.7	121.0	15492.9	112.0	-65.4	99.9	272.1	27.6*	27.6	-1.0	388.5	999.9	99.9	999.9	99.0	105.
49.2	122.0	15658.1	109.0	-65.4	99.9	268.3	28.5*	28.5	0.8	391.5	999.9	99.9	999.9	99.5	105.
49.6	123.0	15828.0	106.0	-65.2	99.9	267.5	30.9*	30.8	1.3	395.1	999.9	99.9	999.9	100.4	104.
50.1	124.0	15944.1	104.0	-64.6	99.9	266.1	33.0*	32.9	2.2	398.4	999.9	99.9	999.9	101.3	104.
50.7	125.0	16123.4	101.0	-63.4	99.9	263.8	35.1*	34.9	3.8	404.0	999.9	99.9	999.9	102.4	104.
51.3	126.0	16308.6	98.0	-63.6	99.9	264.9	37.5*	37.4	3.3	407.2	999.9	99.9	999.9	103.6	104.
51.8	127.0	16499.2	95.0	-64.0	99.9	267.8	37.7*	37.6	1.5	410.0	999.9	99.9	999.9	104.8	104.
52.3	128.0	16695.6	92.0	-64.4	99.9	270.0	34.2*	34.2	1.0	413.0	999.9	99.9	999.9	105.9	103.
52.8	129.0	16829.9	90.0	-64.4	99.9	271.1	28.6*	28.6	-0.5	415.6	999.9	99.9	999.9	107.0	103.
53.3	130.0	17037.3	87.0	-64.2	99.9	273.1	26.2*	26.2	-1.4	420.1	999.9	99.9	999.9	107.5	103.
53.8	131.0	17251.6	84.0	-65.2	99.9	276.4	29.1*	28.9	-3.3	422.2	999.9	99.9	999.9	108.2	103.
54.4	132.0	17398.6	82.0	-64.4	99.9	280.5	30.6*	30.1	-5.6	426.8	999.9	99.9	999.9	109.4	103.
54.8	133.0	17626.7	79.0	-64.0	99.9	285.1	23.7*	22.9	-6.2	432.2	999.9	99.9	999.9	110.5	103.
55.3	134.0	17783.6	77.0	-64.4	99.9	298.9	11.6*	10.1	-5.6	434.6	999.9	99.9	999.9	110.9	103.
55.9	135.0	18026.5	74.0	-64.6	99.9	316.9	5.5*	3.7	-4.0	439.1	999.9	99.9	999.9	110.8	103.
56.5	136.0	18194.1	72.0	-64.0	99.9	284.0	15.1*	14.6	-3.6	443.8	999.9	99.9	999.9	110.5	103.
57.1	137.0	18455.1	69.0	-63.4	99.9	277.3	22.3*	22.1	-2.8	450.5	999.9	99.9	999.9	112.0	103.
57.9	138.0	18727.3	66.0	-64.8	99.9	267.4	15.1*	15.0	0.7	453.3	999.9	99.9	999.9	112.7	103.
58.6	139.0	18914.6	64.0	-65.9	99.9	261.8	15.8*	15.6	2.2	455.0	999.9	99.9	999.9	113.4	103.
59.3	140.0	19206.6	61.0	-65.2	99.9	268.6	23.6*	23.6	0.6	462.7	999.9	99.9	999.9	114.0	103.
60.1	141.0	19410.5	59.0	-63.4	99.9	273.6	28.6*	28.6	-1.8	471.2	999.9	99.9	999.9	115.3	103.
61.0	142.0	19731.9	56.0	-62.3	99.9	265.3	18.5*	18.4	1.5	480.9	999.9	99.9	999.9	117.2	103.
61.6	143.0	19957.0	54.0	-61.5	99.9	262.7	14.6*	14.5	1.8	487.7	999.9	99.9	999.9	117.1	103.
62.3	144.0	20311.8	51.0	-61.0	99.9	275.3	16.9*	16.9	-1.6	497.0	999.9	99.9	999.9	118.0	103.
63.0	145.0	20560.4	49.0	-61.0	99.9	281.9	18.2*	17.8	-3.7	502.8	999.9	99.9	999.9	118.3	103.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 265  
MIDLAND, TEX

5 FEBRUARY 1975  
2315 GMT

150 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.8	146.0	20819.3	47.0	-61.1	99.9	285.3	15.3*	14.8	-4.0	508.3	999.9	99.9	999.9	119.7	103.
64.8	147.0	21088.8	45.0	-62.1	99.9	294.6	9.9*	9.0	-4.1	512.4	999.9	99.9	999.9	120.2	103.
65.7	148.0	21513.4	42.0	-64.0	99.9	248.4	2.4*	2.3	0.9	517.8	999.9	99.9	999.9	120.6	103.
66.7	149.0	21811.4	40.0	-65.2	99.9	260.6	12.2*	12.1	2.0	522.1	999.9	99.9	999.9	120.5	102.
67.7	150.0	22125.4	38.0	-63.0	99.9	271.7	16.7*	16.7	-0.5	535.4	999.9	99.9	999.9	121.8	102.
68.9	151.0	22632.5	35.0	-62.2	99.9	281.0	16.7*	16.4	-3.2	550.1	999.9	99.9	999.9	122.7	102.
70.1	152.0	22996.6	33.0	-61.5	99.9	282.3	7.6*	7.5	-1.6	561.5	999.9	99.9	999.9	124.3	102.
71.2	153.0	23384.7	31.0	-61.0	99.9	102.3	2.7*	-2.6	0.6	573.1	999.9	99.9	999.9	124.1	102.
72.6	154.0	23800.6	29.0	-59.5	99.9	282.3	10.3*	10.1	-2.2	588.2	999.9	99.9	999.9	124.1	102.
73.9	155.0	24483.2	26.0	-60.0	99.9	282.3	19.7*	19.2	-4.2	605.3	999.9	99.9	999.9	125.1	102.
75.5	156.0	24782.0	24.0	-60.8	99.9	282.3	16.4	16.1	-3.5	617.2	999.9	99.9	999.9	126.5	102.
77.1	157.0	25812.7	21.0	-60.8	99.9	281.9	5.9	5.7	-1.2	641.2	999.9	99.9	999.9	129.0	102.
78.7	158.0	26437.2	19.0	-59.5	99.9	243.6	7.4	6.6	3.3	663.8	999.9	99.9	999.9	128.6	102.
80.9	159.0	27135.3	17.0	-58.2	99.9	243.9	11.6	10.4	5.1	689.2	999.9	99.9	999.9	131.3	102.
83.3	160.0	27927.0	15.0	-56.2	99.9	999.9	99.9	99.9	99.9	721.2	999.9	99.9	999.9	999.9	999.

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
515 GMT

154 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.3	873.0	918.7	2.2	1.0	50.0	4.1	-3.1	-2.6	282.7	294.4	4.5	92.0	0.0	0.
0.3	12.0	940.9	911.0	1.2	1.1	999.9	99.9	99.9	99.9	282.3	294.2	4.6	95.8	999.9	999.
0.7	13.0	1048.4	899.0	4.7	0.2	999.9	99.9	99.9	99.9	287.0	298.5	4.3	72.8	999.9	999.
1.1	14.0	1158.3	887.0	6.0	-2.0	999.9	99.9	99.9	99.9	289.4	299.5	3.7	56.3	999.9	999.
1.4	15.0	1260.6	876.0	6.0	-2.4	999.9	99.9	99.9	99.9	290.4	300.4	3.7	54.6	999.9	999.
1.8	16.0	1401.9	861.0	5.0	-4.1	999.9	99.9	99.9	99.9	290.7	299.8	3.3	51.5	999.9	999.
2.2	17.0	1506.7	850.0	4.3	-5.3	351.0	15.0	2.3	-4.8	291.1	299.5	3.0	49.5	1.3	186.
2.6	18.0	1612.5	839.0	3.1	-6.4	351.0	14.4	2.3	-4.2	290.9	298.7	2.8	49.4	1.6	182.
3.1	19.0	1719.4	828.0	2.6	-7.1	350.3	14.6	2.5	-4.4	291.4	299.0	2.7	48.6	2.0	180.
3.5	20.0	1827.4	817.0	1.3	-8.4	347.4	17.1	3.7	-16.7	291.1	298.1	2.5	48.1	2.4	179.
3.8	21.0	1956.2	804.0	0.2	-9.5	342.5	18.4	5.5	-17.6	291.2	297.8	2.3	47.9	2.7	177.
4.3	22.0	2066.7	793.0	0.0	-9.7	334.8	18.4	7.8	-16.7	292.2	298.7	2.3	47.7	3.3	174.
4.8	23.0	2178.7	782.0	0.4	-7.3	327.8	15.6	8.3	-13.2	293.8	301.8	2.8	56.3	3.8	171.
5.3	24.0	2281.9	772.0	-0.1	-5.4	316.9	12.2	8.3	-8.9	294.4	303.7	3.3	67.7	4.1	168.
5.7	25.0	2396.8	761.0	-0.4	-5.4	302.9	10.6	8.9	-5.8	295.3	304.7	3.4	69.2	4.3	166.
6.2	26.0	2534.3	748.0	-1.9	-6.1	285.1	9.7	9.4	-2.5	295.2	304.3	3.2	72.8	4.5	163.
6.6	27.0	2641.3	738.0	-2.8	-6.0	274.4	9.5	9.5	-0.7	295.3	304.6	3.3	78.8	4.6	160.
7.0	28.0	2749.5	728.0	-3.4	-5.4	273.1	10.7	10.7	-0.6	295.8	305.6	3.5	85.9	4.7	158.
7.3	29.0	2859.0	718.0	-3.1	-5.0	272.6	11.7	11.7	-0.5	297.3	307.7	3.7	86.7	4.8	155.
7.7	30.0	2970.1	708.0	-3.4	-6.1	272.3	12.8	12.8	-0.5	298.2	307.9	3.4	81.5	5.0	152.
8.1	31.0	3082.6	698.0	-4.2	-7.8	272.6	13.5	13.5	-0.6	298.5	307.2	3.0	75.6	5.1	149.
8.6	32.0	3156.3	688.0	-5.2	-8.8	275.0	14.3	14.2	-1.2	298.5	306.7	2.9	76.2	5.4	145.
9.1	33.0	3311.1	678.0	-6.3	-9.9	278.6	15.4	15.2	-2.3	298.5	306.2	2.7	75.8	5.7	142.
9.6	34.0	3427.4	668.0	-6.6	-11.1	282.7	17.1	16.6	-3.8	299.4	306.6	2.5	70.7	6.0	139.
10.0	35.0	3545.1	658.0	-7.5	-13.0	286.1	18.6	17.7	-5.2	299.7	306.0	2.1	64.5	6.4	137.
10.5	36.0	3676.3	647.0	-8.1	-15.5	291.2	20.7	19.3	-7.5	300.4	305.7	1.8	55.0	6.9	134.
11.0	37.0	3797.3	637.0	-8.4	-17.8	296.5	22.7	20.4	-10.2	301.4	305.9	1.5	46.4	7.5	133.
11.4	38.0	3907.6	628.0	-8.8	-25.6	299.8	24.2	21.0	-12.0	302.0	304.4	0.8	24.0	8.1	132.
11.8	39.0	4019.6	619.0	-8.2	-29.6	301.5	25.4	21.7	-13.3	303.9	305.6	0.5	15.8	8.7	131.
12.2	40.0	4133.2	610.0	-8.4	-25.6	301.6	26.5	22.6	-13.9	305.1	307.5	0.8	23.2	9.3	131.
12.7	41.0	4287.1	598.0	-9.5	-23.1	299.7	27.9	24.2	-13.8	305.5	308.6	1.0	32.1	10.1	130.
13.1	42.0	4390.9	590.0	-10.5	-23.2	297.2	29.8	25.7	-13.2	305.5	308.6	1.0	34.3	10.8	129.
13.5	43.0	4509.2	581.0	-10.7	-21.5	294.0	29.6	27.1	-12.1	306.7	310.4	1.2	40.2	11.5	128.
14.0	44.0	4629.4	572.0	-10.5	-20.2	289.5	30.3	28.6	-10.1	308.2	312.4	1.3	44.7	12.3	127.
14.4	45.0	4751.5	563.0	-10.5	-20.9	285.5	30.7	29.6	-8.2	309.6	313.7	1.3	42.1	13.0	126.
14.8	46.0	4861.6	555.0	-10.8	-22.1	281.9	31.0	30.4	-6.4	310.5	314.3	1.2	38.8	13.7	125.
15.3	47.0	4987.0	546.0	-11.8	-21.7	278.8	31.9	31.5	-4.9	310.8	314.7	1.2	43.4	14.6	123.
15.7	48.0	5100.0	538.0	-12.4	-21.0	277.6	32.9	32.6	-4.4	311.5	315.7	1.3	48.5	15.2	122.
16.1	49.0	5214.2	530.0	-13.7	-21.8	276.9	34.0	33.8	-4.1	311.3	315.3	1.3	50.1	16.0	121.
16.5	50.0	5344.2	521.0	-14.9	-22.8	276.1	34.7	34.5	-3.7	311.3	315.0	1.2	50.9	16.8	120.
17.0	51.0	5490.6	511.0	-16.0	-23.6	275.0	34.3	34.1	-3.0	311.7	315.2	1.1	51.7	17.7	118.
17.4	52.0	5609.4	503.0	-16.6	-22.6	274.9	33.5	33.4	-2.8	312.4	316.4	1.2	59.1	18.5	117.
17.9	53.0	5729.7	495.0	-17.8	-22.9	276.2	33.6	33.4	-3.7	312.3	316.3	1.2	64.2	19.4	116.
18.3	54.0	5851.5	487.0	-18.5	-24.2	278.3	35.2	34.9	-5.1	313.0	316.5	1.1	60.4	20.1	115.
18.7	55.0	5974.9	479.0	-19.3	-25.3	279.9	36.7	36.2	-6.3	313.4	316.7	1.0	58.9	20.9	115.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
515 GMT

154 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.2	56.0	6115.7	470.0	-20.5	-26.8	280.4	36.8	36.2	-6.7	313.6	316.6	0.9	56.8	22.2	114.
19.5	57.0	6242.5	462.0	-21.7	-27.5	280.0	35.7	35.1	-6.2	313.6	316.5	0.9	59.1	22.9	114.
20.0	58.0	6354.8	455.0	-22.6	-28.8	279.3	34.3	33.8	-5.5	313.8	316.4	0.8	56.6	23.7	113.
20.5	59.0	6484.8	447.0	-23.4	-29.1	280.5	34.7	34.2	-6.3	314.4	317.0	0.8	59.7	24.7	112.
20.9	60.0	6600.1	440.0	-24.5	-29.7	282.7	34.9	34.0	-7.6	314.5	316.9	0.7	62.0	25.7	112.
21.3	61.0	6716.7	433.0	-25.6	-30.2	285.3	35.0	33.8	-9.2	314.6	316.9	0.7	64.6	26.4	112.
21.8	62.0	6851.9	425.0	-25.7	-34.9	288.0	36.2	34.5	-11.2	316.1	317.6	0.5	41.5	27.4	112.
22.2	63.0	6972.3	418.0	-25.8	-43.9	289.3	37.8	35.7	-12.5	317.4	318.0	0.2	16.3	28.3	112.
22.6	64.0	7094.4	411.0	-27.0	-43.9	289.8	38.8	36.5	-13.2	317.4	318.0	0.2	18.3	29.3	111.
23.0	65.0	7217.9	404.0	-28.1	-46.2	290.2	39.4	36.0	-13.2	317.5	318.1	0.1	15.6	30.3	111.
23.5	66.0	7361.3	396.0	-29.0	-48.1	290.3	35.5	33.3	-12.3	318.2	318.6	0.1	13.6	31.5	111.
24.0	67.0	7488.5	389.0	-30.1	-48.6	289.6	33.9	31.9	-11.4	318.4	318.8	0.1	14.3	32.3	111.
24.5	68.0	7617.6	382.0	-31.1	-49.5	288.9	36.8	34.8	-11.9	318.7	319.1	0.1	14.4	33.3	111.
24.9	69.0	7748.4	375.0	-32.3	-48.0	289.9	40.6	38.4	-13.2	318.8	319.2	0.1	19.2	34.1	111.
25.3	70.0	7861.9	369.0	-33.4	-47.1	289.2	42.3	39.9	-13.9	318.8	319.4	0.1	23.4	35.4	111.
25.8	71.0	8015.6	361.0	-34.2	-45.8	289.5	41.5	39.2	-13.9	319.8	320.4	0.2	29.3	36.7	111.
26.2	72.0	8152.4	354.0	-35.1	-47.9	289.7	40.9	38.5	-13.8	320.3	320.8	0.1	25.4	37.6	111.
26.7	73.0	8271.3	348.0	-36.3	-49.1	289.7	42.0	39.5	-14.1	320.2	320.7	0.1	25.1	38.7	111.
27.0	74.0	8391.7	342.0	-37.5	-50.0	289.5	43.3	40.8	-14.5	320.2	320.6	0.1	25.5	39.5	111.
27.4	75.0	8513.5	336.0	-38.7	-50.7	288.8	42.3	40.0	-13.6	320.1	320.5	0.1	26.6	40.7	111.
27.8	76.0	8657.7	329.0	-40.0	-51.4	288.2	39.3	37.4	-12.3	320.4	320.8	0.1	27.9	41.8	111.
28.3	77.0	8783.2	323.0	-40.9	99.9	287.7	36.9	35.2	-11.2	320.8	999.9	99.9	999.9	42.7	111.
28.7	78.0	8910.4	317.0	-42.2	99.9	287.5	39.2*	36.4	-11.5	320.8	999.9	99.9	999.9	43.5	111.
29.1	79.0	9017.6	312.0	-43.4	99.9	287.5	41.3*	39.4	-12.4	320.5	999.9	99.9	999.9	44.5	111.
29.5	80.0	9147.9	306.0	-44.7	99.9	287.4	44.2*	42.2	-13.2	320.5	999.9	99.9	999.9	45.5	111.
30.0	81.0	9302.3	299.0	-46.1	99.9	287.5	44.1*	42.0	-13.3	320.6	999.9	99.9	999.9	47.2	111.
30.5	82.0	9436.7	293.0	-47.5	99.9	288.0	42.8*	40.7	-13.2	320.6	999.9	99.9	999.9	48.0	110.
30.9	83.0	9550.1	288.0	-48.8	99.9	289.3	42.2*	40.1	-13.3	320.3	999.9	99.9	999.9	49.4	110.
31.3	84.0	9688.2	282.0	-49.8	99.9	288.8	41.8*	39.6	-13.5	320.7	999.9	99.9	999.9	50.3	110.
31.7	85.0	9805.0	277.0	-50.4	99.9	289.6	41.8*	39.4	-14.0	321.5	999.9	99.9	999.9	51.2	110.
32.3	86.0	9971.5	270.0	-51.8	99.9	291.4	43.0*	40.1	-15.7	321.9	999.9	99.9	999.9	52.8	110.
32.6	87.0	10092.4	265.0	-52.8	99.9	292.3	44.4*	41.1	-16.8	322.2	999.9	99.9	999.9	53.6	110.
33.1	88.0	10239.9	259.0	-53.7	99.9	292.8	47.5*	43.8	-18.5	322.9	999.9	99.9	999.9	54.7	110.
33.6	89.0	10364.9	254.0	-54.7	99.9	290.1	48.8*	45.8	-16.8	323.3	999.9	99.9	999.9	56.5	110.
34.0	90.0	10491.9	249.0	-55.5	99.9	284.8	47.3*	45.8	-12.1	323.9	999.9	99.9	999.9	57.7	110.
34.5	91.0	10594.9	245.0	-56.8	99.9	277.7	44.3*	43.9	-5.9	323.5	999.9	99.9	999.9	58.9	110.
35.0	92.0	10725.3	240.0	-57.7	99.9	275.5	43.5*	43.3	-4.1	324.1	999.9	99.9	999.9	60.3	110.
35.4	93.0	10857.9	235.0	-58.5	99.9	276.4	46.6*	46.3	-5.2	324.8	999.9	99.9	999.9	61.0	110.
35.9	94.0	10992.7	230.0	-59.8	99.9	277.3	51.6*	51.1	-6.6	324.9	999.9	99.9	999.9	62.4	109.
36.4	95.0	11129.8	225.0	-60.5	99.9	277.5	53.2*	52.7	-6.9	325.9	999.9	99.9	999.9	64.5	109.
36.9	96.0	11270.4	220.0	-58.9	99.9	277.8	53.0*	52.5	-7.2	330.4	999.9	99.9	999.9	65.7	109.
37.3	97.0	11414.6	215.0	-59.1	99.9	279.3	55.3*	54.5	-8.9	332.3	999.9	99.9	999.9	66.9	109.
37.8	98.0	11561.7	210.0	-60.5	99.9	282.7	60.3*	58.8	-13.2	332.3	999.9	99.9	999.9	68.7	108.
38.1	99.0	11681.3	206.0	-61.0	99.9	285.0	62.5*	60.4	-16.2	333.3	999.9	99.9	999.9	69.7	108.
38.5	100.0	11803.0	202.0	-61.6	99.9	288.4	62.3*	59.1	-19.7	334.3	999.9	99.9	999.9	71.2	108.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
MIDLAND, TEX

6 FEBRUARY 1975  
515 GMT

154 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIF DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.9	101.0	11958.5	197.0	-61.2	99.9	291.6	55.4*	51.5	-20.4	337.3	999.9	99.9	999.9	73.4	108.
39.3	102.0	12086.1	193.0	-60.5	99.9	294.5	49.5*	45.0	-20.5	340.5	999.9	99.9	999.9	74.1	108.
39.8	103.0	12249.9	188.0	-59.6	99.9	296.4	46.0*	41.2	-20.4	344.5	999.9	99.9	999.9	75.3	109.
40.4	104.0	12385.1	184.0	-57.5	99.9	295.0	43.0*	39.0	-18.1	350.0	999.9	99.9	999.9	77.3	109.
40.9	105.0	12524.0	180.0	-57.3	99.9	291.9	39.0*	36.1	-14.6	352.5	999.9	99.9	999.9	78.3	109.
41.4	106.0	12666.0	176.0	-57.5	99.9	289.8	38.6*	36.4	-13.1	354.5	999.9	99.9	999.9	79.2	109.
41.9	107.0	12774.7	173.0	-57.2	99.9	289.8	41.4*	39.0	-14.0	356.8	999.9	99.9	999.9	80.7	109.
42.5	108.0	12922.9	169.0	-56.5	99.9	290.8	44.6*	41.7	-15.8	360.3	999.9	99.9	999.9	81.8	109.
43.0	109.0	13074.9	165.0	-56.7	99.9	290.9	46.3*	43.2	-16.5	362.5	999.9	99.9	999.9	83.8	109.
43.5	110.0	13191.1	162.0	-57.2	99.9	290.7	47.5*	44.4	-16.8	363.5	999.9	99.9	999.9	84.5	109.
44.1	111.0	13389.6	157.0	-56.8	99.9	290.8	43.8*	40.9	-15.5	367.4	999.9	99.9	999.9	86.8	109.
44.5	112.0	13511.8	154.0	-57.2	99.9	289.9	37.2*	34.9	-12.7	368.8	999.9	99.9	999.9	87.7	109.
44.9	113.0	13678.1	150.0	-57.5	99.9	286.1	29.4*	28.2	-8.2	371.0	999.9	99.9	999.9	88.7	109.
45.3	114.0	13805.4	147.0	-58.5	99.9	280.6	26.0*	25.5	-4.8	371.4	999.9	99.9	999.9	89.0	109.
45.7	115.0	13935.0	144.0	-58.9	99.9	276.7	26.9*	26.7	-3.1	373.0	999.9	99.9	999.9	89.4	109.
46.3	116.0	14111.2	140.0	-60.3	99.9	276.3	32.1*	31.9	-3.5	373.5	999.9	99.9	999.9	90.6	109.
46.7	117.0	14246.1	137.0	-60.8	99.9	277.4	34.2*	33.9	-4.4	374.9	999.9	99.9	999.9	91.4	109.
47.3	118.0	14430.1	133.0	-61.4	99.9	278.9	35.2*	34.8	-5.5	377.1	999.9	99.9	999.9	92.7	108.
47.7	119.0	14571.4	130.0	-62.1	99.9	279.9	37.1*	36.5	-6.3	378.3	999.9	99.9	999.9	93.5	108.
48.2	120.0	14715.6	127.0	-62.5	99.9	281.3	41.7*	40.9	-8.2	380.1	999.9	99.9	999.9	94.5	108.
48.7	121.0	14862.6	124.0	-64.0	99.9	282.6	45.1*	44.0	-9.9	380.0	999.9	99.9	999.9	95.9	108.
49.2	122.0	15012.4	121.0	-64.6	99.9	282.9	42.2*	41.1	-9.4	381.6	999.9	99.9	999.9	97.6	108.
49.6	123.0	15165.4	118.0	-65.6	99.9	281.7	37.3*	36.5	-7.6	382.5	999.9	99.9	999.9	98.4	108.
50.1	124.0	15269.2	116.0	-66.2	99.9	279.7	35.0*	34.5	-5.9	383.2	999.9	99.9	999.9	99.2	108.
50.6	125.0	15428.0	113.0	-66.2	99.9	280.3	40.6*	39.9	-7.2	386.1	999.9	99.9	999.9	100.2	108.
51.2	126.0	15591.0	110.0	-66.4	99.9	282.8	47.5*	46.3	-10.5	388.7	999.9	99.9	999.9	101.9	108.
51.6	127.0	15758.5	107.0	-66.4	99.9	284.1	46.0*	44.6	-11.2	391.8	999.9	99.9	999.9	103.5	108.
52.1	128.0	15930.8	104.0	-66.7	99.9	284.0	37.3*	36.2	-9.0	395.4	999.9	99.9	999.9	104.6	108.
52.7	129.0	16049.5	102.0	-66.2	99.9	281.0	29.9*	29.3	-5.7	397.6	999.9	99.9	999.9	105.6	108.
53.3	130.0	16229.3	99.0	-66.6	99.9	279.5	28.2*	27.8	-4.6	400.2	999.9	99.9	999.9	106.6	108.
54.1	131.0	16415.7	96.0	-66.0	99.9	281.5	32.3*	31.6	-6.5	404.9	999.9	99.9	999.9	107.9	107.
54.8	132.0	16543.9	94.0	-64.6	99.9	281.6	38.6*	37.8	-7.8	410.1	999.9	99.9	999.9	109.5	107.
55.4	133.0	16675.2	92.0	-64.8	99.9	279.3	37.3*	36.8	-6.0	412.3	999.9	99.9	999.9	111.0	107.
56.0	134.0	16877.4	89.0	-65.0	99.9	276.7	33.7*	33.5	-3.9	415.8	999.9	99.9	999.9	112.2	107.
56.5	135.0	17015.7	87.0	-65.8	99.9	277.6	32.3*	32.0	-4.3	416.9	999.9	99.9	999.9	113.1	107.
57.2	136.0	17228.7	84.0	-66.2	99.9	282.5	32.1*	31.4	-6.9	420.3	999.9	99.9	999.9	114.5	107.
57.8	137.0	17374.8	82.0	-66.2	99.9	284.7	33.1*	32.0	-8.4	423.2	999.9	99.9	999.9	115.6	107.
58.4	138.0	17600.7	79.0	-66.2	99.9	283.3	33.1*	32.2	-7.6	427.7	999.9	99.9	999.9	116.9	107.
59.0	139.0	17755.8	77.0	-67.0	99.9	281.0	31.5*	31.0	-6.0	429.2	999.9	99.9	999.9	118.0	107.
59.8	140.0	17996.8	74.0	-65.2	99.9	280.6	27.3*	26.8	-5.0	437.9	999.9	99.9	999.9	119.5	107.
60.6	141.0	18163.7	72.0	-65.2	99.9	275.5	18.3*	18.2	-1.8	441.4	999.9	99.9	999.9	120.7	107.
61.3	142.0	18335.1	70.0	-65.8	99.9	265.6	15.0*	15.0	1.1	443.6	999.9	99.9	999.9	121.0	107.
62.1	143.0	18601.0	67.0	-66.0	99.9	266.1	16.5*	16.5	1.1	448.8	999.9	99.9	999.9	122.0	107.
62.9	144.0	18784.7	65.0	-66.4	99.9	267.7	17.7*	17.7	0.7	451.8	999.9	99.9	999.9	122.2	106.
63.5	145.0	18973.7	63.0	-67.0	99.9	278.8	29.1*	28.7	-4.5	454.5	999.9	99.9	999.9	123.1	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
515 GMT

154 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	ANGF KM	A7 DG
64.2	146.0	19269.0	60.0	-66.0	99.9	291.5	30.5*	29.9	-6.1	463.2	999.9	99.9	999.9	124.9	106.
64.9	147.0	19475.6	58.0	-64.2	99.9	269.3	11.3*	11.3	0.1	471.7	999.9	99.9	999.9	126.2	106.
65.8	148.0	19690.4	56.0	-64.0	99.9	221.8	4.9*	3.3	3.7	476.9	999.9	99.9	999.9	125.4	106.
66.6	149.0	19914.3	54.0	-61.9	99.9	262.3	13.7*	13.6	1.9	486.7	999.9	99.9	999.9	126.2	106.
67.3	150.0	20149.8	52.0	-60.1	99.9	253.9	5.5*	5.4	1.1	496.3	999.9	99.9	999.9	126.8	106.
68.0	151.0	20393.5	50.0	-60.3	99.9	295.0	10.9*	9.8	-4.8	501.4	999.9	99.9	999.9	126.3	106.
68.4	152.0	20779.0	47.0	-60.6	99.9	287.6	29.2*	27.9	-8.8	509.5	999.9	99.9	999.9	128.1	106.
69.5	153.0	21048.5	45.0	-62.5	99.9	279.7	19.7*	19.4	-3.3	511.4	999.9	99.9	999.9	128.9	106.
70.4	154.0	21328.2	43.0	-63.6	99.9	255.1	5.0*	4.8	1.3	515.3	999.9	99.9	999.9	129.4	106.
71.7	155.0	21621.7	41.0	-61.9	99.9	254.0	9.3*	8.9	2.6	526.6	999.9	99.9	999.9	129.6	106.
72.9	156.0	21930.9	39.0	-62.3	99.9	256.4	5.8*	5.7	1.4	533.3	999.9	99.9	999.9	130.3	106.
74.0	157.0	22254.7	37.0	-64.0	99.9	254.4	0.4*	0.4	0.1	537.0	999.9	99.9	999.9	130.5	106.
75.0	158.0	22593.7	35.0	-65.8	99.9	285.0	20.9*	20.2	-5.4	540.9	999.9	99.9	999.9	131.1	106.
76.8	159.0	23143.0	32.0	-61.9	99.9	265.5	4.9*	4.9	0.4	565.3	999.9	99.9	999.9	132.1	106.
78.1	160.0	23542.0	30.0	-62.3	99.9	285.5	18.7*	18.0	-5.0	574.8	999.9	99.9	999.9	133.7	106.
79.5	161.0	23968.3	28.0	-62.1	99.9	281.9	19.6*	19.2	-4.0	586.8	999.9	99.9	999.9	134.8	106.
81.2	162.0	24426.6	26.0	-61.9	99.9	159.9	6.9*	-2.4	6.5	599.9	999.9	99.9	999.9	136.8	105.
82.8	163.0	24923.3	24.0	-60.6	99.9	999.9	99.9	99.9	99.9	617.5	999.9	99.9	999.9	999.9	999.
84.4	164.0	25462.6	22.0	-62.5	99.9	999.9	99.9	99.9	99.9	627.6	999.9	99.9	999.9	999.9	999.

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
1115 GMT

136 75. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	11.9	873.0	923.1	-2.8	-5.0	40.0	6.7	-4.3	-5.1	277.0	284.5	2.9	85.0	0.0	0.
0.1	12.0	873.9	923.0	-2.7	-4.3	315.2	2.2	1.6	-1.6	277.1	284.9	3.0	88.8	0.4	212.
0.4	13.0	960.2	913.0	-3.4	-4.0	315.2	2.2	1.6	-1.6	277.3	285.4	3.1	95.1	0.4	212.
0.7	14.0	1047.3	903.0	-4.0	-4.0	347.6	2.9	0.6	-2.9	277.5	285.7	3.1	99.5	0.4	208.
1.0	15.0	1135.1	893.0	-4.9	-4.9	9.1	4.9	-0.8	-4.8	277.5	285.2	3.0	99.9	0.4	203.
1.4	16.0	1241.5	881.0	-5.6	-5.6	19.2	8.3	-2.7	-7.8	277.7	285.2	2.8	100.3	0.7	203.
1.7	17.0	1322.0	872.0	-6.2	-6.3	19.8	9.4	-3.2	-8.9	277.9	285.1	2.7	99.7	0.8	202.
2.0	18.0	1412.1	862.0	-7.0	-7.1	18.9	9.8	-3.2	-9.3	278.0	284.9	2.6	99.5	1.0	202.
2.3	19.0	1494.0	853.0	-7.6	-7.7	17.9	10.0	-3.1	-9.5	278.2	284.9	2.5	99.5	1.2	201.
2.7	20.0	1585.7	843.0	-8.3	-8.4	13.4	10.8	-2.5	-10.5	278.4	284.8	2.4	99.4	1.4	200.
3.1	21.0	1687.7	833.0	-8.8	-8.9	6.5	12.1	-1.4	-12.0	279.0	285.2	2.4	99.3	1.7	199.
3.4	22.0	1781.7	822.0	-7.1	-17.3	0.9	13.2	-0.2	-13.2	281.5	284.9	1.2	44.1	1.9	197.
3.7	23.0	1867.8	813.0	-5.8	-19.5	354.8	13.5	1.2	-13.4	283.8	286.7	1.0	32.8	2.1	195.
4.0	24.0	1955.1	804.0	-5.3	-18.6	348.0	13.4	2.8	-13.1	285.2	288.3	1.1	34.3	2.4	193.
4.3	25.0	2043.6	795.0	-4.1	-10.3	340.6	13.4	4.4	-12.6	287.4	290.7	1.1	32.1	2.6	190.
4.7	26.0	2153.7	784.0	-3.4	-18.5	333.1	14.8	6.7	-13.2	289.4	292.7	1.1	29.7	2.9	186.
5.0	27.0	2244.9	775.0	-3.5	-18.7	329.8	16.8	8.5	-14.5	290.2	293.5	1.1	29.7	3.1	184.
5.2	28.0	2337.2	766.0	-4.1	-15.2	326.6	18.0	9.9	-15.0	290.5	293.7	1.1	29.7	3.3	181.
5.6	29.0	2430.2	757.0	-4.7	-19.6	320.4	19.6	12.5	-15.1	290.8	293.9	1.1	30.0	3.7	177.
5.9	30.0	2524.3	748.0	-4.9	-17.8	313.4	19.1	13.9	-13.1	291.6	295.3	1.3	35.5	3.9	174.
6.2	31.0	2619.5	739.0	-4.9	-16.0	307.0	19.0	15.2	-11.5	292.7	297.0	1.5	41.2	4.2	170.
6.6	32.0	2705.0	731.0	-5.6	-14.0	299.5	19.3	16.8	-9.5	292.8	297.9	1.8	51.6	4.5	166.
6.9	33.0	2802.1	722.0	-6.2	-13.7	294.7	19.9	18.1	-8.3	293.2	298.5	1.8	55.5	4.8	163.
7.3	34.0	2900.1	713.0	-6.8	-10.2	287.7	20.3	19.3	-6.2	293.7	300.7	2.5	77.0	5.1	159.
7.6	35.0	2988.3	705.0	-7.0	-9.2	283.0	20.7	20.2	-7.6	294.5	302.1	2.7	84.0	5.3	155.
8.1	36.0	3111.3	694.0	-5.9	-6.3	277.6	21.6	21.4	-7.9	297.0	306.7	3.4	97.0	5.7	150.
8.4	37.0	3202.3	686.0	-5.6	-16.3	276.2	22.0	21.9	-7.4	298.1	302.8	1.6	42.7	5.9	147.
8.8	38.0	3305.8	677.0	-5.6	-16.5	276.7	22.2	22.1	-7.6	299.3	303.9	1.6	42.0	6.2	143.
9.2	39.0	3399.1	669.0	-5.6	-19.7	278.9	22.1	21.9	-7.4	300.2	303.9	1.2	31.8	6.6	139.
9.4	40.0	3493.3	661.0	-6.2	-21.5	280.4	22.0	21.6	-7.0	300.6	303.8	1.0	28.6	6.8	138.
9.9	41.0	3612.6	651.0	-6.1	-23.4	284.7	21.8	21.0	-7.5	302.0	304.8	0.9	23.9	7.4	135.
10.3	42.0	3721.5	642.0	-6.1	-24.2	287.4	22.1	21.1	-7.6	303.2	305.9	0.8	22.2	7.8	133.
10.6	43.0	3819.7	634.0	-5.6	-21.9	289.8	22.6	21.4	-7.3	304.8	308.1	1.0	26.3	8.2	132.
11.0	44.0	3919.2	626.0	-6.4	-20.7	289.3	23.8	22.5	-7.9	305.1	308.8	1.2	31.1	8.7	131.
11.3	45.0	4019.6	618.0	-7.3	-20.5	288.8	24.7	23.4	-8.0	305.2	309.0	1.2	33.7	9.1	130.
11.6	46.0	4108.2	611.0	-8.0	-20.3	288.3	25.6	24.3	-8.0	305.4	309.2	1.2	36.3	9.5	129.
12.0	47.0	4210.5	603.0	-8.6	-19.8	287.7	26.7	25.4	-8.1	305.8	309.9	1.3	39.9	10.1	127.
12.4	48.0	4313.9	595.0	-9.8	-19.5	287.5	27.6	26.4	-8.3	305.7	309.9	1.4	44.6	10.7	126.
12.7	49.0	4418.3	587.0	-10.4	-19.2	287.3	28.2	26.9	-8.4	306.2	310.6	1.4	47.9	11.2	125.
13.1	50.0	4523.8	579.0	-11.5	-19.1	287.0	28.9	27.6	-8.4	306.1	310.6	1.5	53.2	11.9	124.
13.5	51.0	4643.7	570.0	-12.5	-19.0	286.4	29.5	28.3	-8.3	306.3	310.9	1.5	58.1	12.5	123.
13.9	52.0	4751.5	562.0	-13.5	-18.1	285.7	30.2	29.1	-8.2	306.4	311.4	1.6	67.9	13.2	123.
14.2	53.0	4846.8	555.0	-14.2	-18.0	285.1	30.7	29.7	-8.0	306.6	311.7	1.7	72.3	13.8	122.
14.6	54.0	4957.0	547.0	-14.3	-17.5	284.4	31.3	30.3	-7.8	307.8	313.2	1.8	76.8	14.5	121.
15.0	55.0	5054.7	540.0	-15.0	-19.4	283.9	31.6	30.7	-7.6	308.0	312.8	1.5	69.1	15.2	120.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
1115 GMT

136 75. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
15.4	56.0	5181.9	531.0	-14.9	-21.7	284.4	31.5	30.5	-7.8	309.7	313.6	1.3	55.6	15.9	119.
15.8	57.0	5282.3	524.0	-15.1	-22.6	285.5	31.2	30.1	-3.3	310.5	314.3	1.2	52.8	16.7	119.
16.2	58.0	5384.0	517.0	-15.3	-23.2	286.1	31.4	30.1	-0.7	311.5	315.2	1.1	50.7	17.4	118.
16.5	59.0	5501.6	509.0	-16.4	-23.8	286.0	31.7	30.5	-3.7	311.6	315.1	1.1	52.3	18.0	118.
16.9	60.0	5605.7	502.0	-16.8	-25.1	283.0	33.4	32.5	-7.5	312.3	315.5	1.0	48.6	18.6	118.
17.3	61.0	5711.3	495.0	-16.4	-26.7	280.5	35.2	34.6	-5.4	314.0	316.8	0.9	40.1	19.5	117.
17.6	62.0	5818.4	488.0	-16.5	-28.0	279.7	36.4	35.9	-5.1	315.1	317.7	0.8	36.1	20.1	116.
18.1	63.0	5926.9	481.0	-17.5	-30.2	281.4	37.3	36.6	-7.4	315.2	317.4	0.6	31.9	21.2	115.
18.4	64.0	6020.7	475.0	-18.3	-31.0	283.6	37.4	36.3	-9.8	315.3	317.4	0.6	31.6	21.8	115.
18.8	65.0	6131.5	468.0	-19.0	-32.5	286.0	37.0	35.6	-12.2	315.8	317.6	0.5	29.0	22.8	114.
19.2	66.0	6275.9	459.0	-19.7	-34.3	287.5	36.4	34.7	-11.0	316.7	318.3	0.4	25.7	23.7	114.
19.6	67.0	6373.4	453.0	-20.9	-35.5	288.1	36.0	34.2	-11.2	316.4	317.8	0.4	25.4	24.5	114.
20.0	68.0	6488.3	446.0	-21.8	-36.1	287.9	36.2	34.5	-11.1	316.6	318.0	0.4	25.8	25.3	114.
20.3	69.0	6604.6	439.0	-22.5	-36.4	287.8	36.7	34.9	-11.2	317.2	318.5	0.4	26.6	26.0	114.
20.7	70.0	6705.4	433.0	-23.5	-37.7	288.0	37.1	35.3	-11.5	317.1	318.3	0.3	25.5	26.9	113.
21.2	71.0	6841.5	425.0	-24.6	-39.1	288.6	37.4	35.4	-11.9	317.4	318.5	0.3	24.4	28.0	113.
21.6	72.0	6962.3	418.0	-25.4	-40.1	288.8	37.6	35.6	-12.1	317.9	318.9	0.3	23.7	28.9	113.
22.0	73.0	7067.0	412.0	-26.4	-41.0	288.1	38.0	36.1	-11.8	317.9	318.8	0.3	23.8	29.8	113.
22.4	74.0	7172.9	406.0	-27.0	-43.4	287.2	39.7	38.0	-11.7	318.5	319.3	0.2	19.2	30.6	113.
22.7	75.0	7280.2	400.0	-27.5	-44.3	286.7	41.3	39.5	-11.9	319.2	319.9	0.2	18.3	31.4	113.
23.1	76.0	7407.0	393.0	-28.4	-45.5	286.5	42.8	41.1	-12.1	319.6	320.2	0.2	17.5	32.4	112.
23.4	77.0	7517.0	387.0	-29.6	-46.0	286.5	42.6	40.9	-12.1	319.5	320.0	0.2	18.5	33.2	112.
23.8	78.0	7628.3	381.0	-30.4	-46.2	286.8	40.2	38.5	-11.6	319.9	320.4	0.2	19.5	34.4	112.
24.1	79.0	7741.0	375.0	-31.2	-46.4	287.3	37.3	36.6	-11.4	320.3	320.8	0.2	20.4	35.1	112.
24.6	80.0	7855.1	369.0	-32.0	-47.3	288.9	37.8	35.7	-12.2	320.7	321.2	0.1	20.0	35.9	112.
25.0	81.0	7990.2	362.0	-33.0	-48.5	290.2	40.8	38.3	-14.1	321.0	321.5	0.1	19.2	36.7	112.
25.3	82.0	8107.4	356.0	-34.3	-49.6	290.7	43.0	40.2	-15.2	320.8	321.2	0.1	19.3	37.7	112.
25.7	83.0	8226.1	350.0	-35.3	-50.0	291.0	44.2	41.3	-15.9	321.1	321.5	0.1	20.3	38.8	112.
26.2	84.0	8326.1	345.0	-36.3	-50.4	291.0	43.3	40.4	-15.5	321.0	321.4	0.1	21.6	40.2	112.
26.5	85.0	8447.5	339.0	-37.5	-51.4	291.1	42.4	39.6	-15.2	321.0	321.3	0.1	21.7	40.9	112.
27.0	86.0	8591.1	332.0	-38.6	-52.9	291.9	42.7*	39.6	-15.9	321.5	999.9	99.9	999.9	42.1	112.
27.3	87.0	8655.1	327.0	-39.7	-53.9	292.9	43.0*	39.6	-16.7	321.4	999.9	99.9	999.9	42.9	112.
27.6	88.0	8821.5	321.0	-40.8	-54.9	293.8	43.1*	39.5	-17.4	321.6	999.9	99.9	999.9	43.7	112.
28.0	89.0	8928.0	316.0	-42.0	-55.9	295.2	42.8*	38.8	-18.3	321.3	999.9	99.9	999.9	44.7	112.
28.3	90.0	9057.5	310.0	-43.1	-56.9	295.9	42.7*	38.4	-18.7	321.5	999.9	99.9	999.9	45.5	112.
28.6	91.0	9166.8	305.0	-44.0	-57.9	296.4	42.9*	38.4	-19.1	321.9	999.9	99.9	999.9	46.3	112.
29.0	92.0	9299.8	299.0	-45.3	-58.9	296.4	43.9*	39.3	-19.5	321.9	999.9	99.9	999.9	47.2	112.
29.3	93.0	9412.1	294.0	-46.4	-59.9	296.0	45.0*	40.4	-19.7	321.8	999.9	99.9	999.9	48.0	112.
29.7	94.0	9525.8	289.0	-47.4	-60.9	295.4	45.7*	41.2	-19.6	322.0	999.9	99.9	999.9	49.2	112.
30.0	95.0	9641.1	284.0	-48.0	-61.9	295.0	45.6*	41.3	-19.3	322.8	999.9	99.9	999.9	50.1	112.
30.3	96.0	9781.5	278.0	-49.2	-62.9	294.8	44.5*	40.4	-18.7	323.0	999.9	99.9	999.9	50.9	112.
30.7	97.0	9900.3	273.0	-50.4	-63.9	294.6	43.3*	39.3	-18.0	323.0	999.9	99.9	999.9	51.9	112.
31.1	98.0	10045.1	267.0	-51.1	-64.9	294.5	42.9*	39.0	-17.8	323.9	999.9	99.9	999.9	52.9	112.
31.3	99.0	10142.9	263.0	-52.3	-65.9	294.5	43.6*	39.7	-18.1	323.5	999.9	99.9	999.9	53.4	112.
31.8	100.0	10266.9	258.0	-53.1	-66.9	294.4	47.4*	43.2	-19.6	324.2	999.9	99.9	999.9	54.6	112.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
1115 GMT

136 75. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX PTD GM/KG	PH PCT	RANGE KM	AZ DEG
32.2	101.0	10418.2	252.0	-54.1	99.9	294.2	50.8*	46.4	-20.8	325.0	999.9	99.9	999.9	55.8	113.
32.6	102.0	10546.5	247.0	-55.2	99.9	292.9	52.8*	48.3	-21.4	325.2	999.9	99.9	999.9	57.2	113.
33.0	103.0	10650.5	243.0	-56.2	99.9	293.4	51.7*	47.5	-20.5	325.2	999.9	99.9	999.9	58.6	113.
33.3	104.0	10782.2	238.0	-57.5	99.9	292.7	50.2*	46.3	-19.3	325.2	999.9	99.9	999.9	59.5	113.
33.7	105.0	10916.0	233.0	-58.7	99.9	291.4	49.6*	46.2	-18.1	325.3	999.9	99.9	999.9	60.5	113.
34.1	106.0	11024.6	229.0	-59.2	99.9	290.0	50.7*	47.6	-17.3	326.2	999.9	99.9	999.9	61.6	113.
34.4	107.0	11134.8	225.0	-60.2	99.9	289.8	51.9*	49.1	-16.7	326.2	999.9	99.9	999.9	62.6	113.
34.7	108.0	11274.7	220.0	-60.9	99.9	287.7	52.3*	49.8	-15.9	327.2	999.9	99.9	999.9	63.7	112.
35.1	109.0	11388.6	216.0	-61.5	99.9	286.6	52.5*	50.3	-15.0	328.1	999.9	99.9	999.9	65.0	112.
35.5	110.0	11504.4	212.0	-62.0	99.9	286.6	53.0*	50.8	-15.2	329.0	999.9	99.9	999.9	65.9	112.
35.9	111.0	11681.5	206.0	-63.1	99.9	288.7	55.3*	52.4	-17.7	330.0	999.9	99.9	999.9	67.4	112.
36.1	112.0	11801.7	202.0	-64.3	99.9	289.7	56.3*	53.0	-18.9	330.0	999.9	99.9	999.9	68.1	112.
36.5	113.0	11954.8	197.0	-65.1	99.9	291.5	58.0*	54.0	-21.3	331.2	999.9	99.9	999.9	69.4	112.
36.8	114.0	12080.0	193.0	-64.5	99.9	292.0	57.4*	53.3	-21.6	334.0	999.9	99.9	999.9	70.5	112.
37.0	115.0	12208.8	189.0	-61.0	99.9	292.4	57.1*	52.8	-21.7	340.3	999.9	99.9	999.9	71.3	112.
37.4	116.0	12375.2	184.0	-60.6	99.9	294.5	53.6*	48.8	-22.2	345.0	999.9	99.9	999.9	72.6	112.
37.7	117.0	12477.6	181.0	-60.6	99.9	297.6	50.3*	44.6	-23.3	346.6	999.9	99.9	999.9	73.6	112.
38.1	118.0	12651.9	176.0	-60.8	99.9	302.6	45.7*	38.5	-24.7	349.1	999.9	99.9	999.9	74.8	112.
38.5	119.0	12794.8	172.0	-61.1	99.9	305.8	41.4*	33.6	-24.2	350.8	999.9	99.9	999.9	75.7	112.
38.8	120.0	12904.2	169.0	-60.6	99.9	300.6	39.3*	33.8	-20.0	353.4	999.9	99.9	999.9	76.4	113.
39.2	121.0	13053.9	165.0	-59.2	99.9	292.2	33.3*	35.5	-14.5	358.2	999.9	99.9	999.9	77.2	113.
39.7	122.0	13207.7	161.0	-59.2	99.9	284.9	40.0*	38.7	-10.3	360.8	999.9	99.9	999.9	78.4	112.
40.0	123.0	13365.3	157.0	-59.4	99.9	284.1	41.1*	39.9	-10.0	363.1	999.9	99.9	999.9	79.2	112.
40.3	124.0	13486.0	154.0	-59.7	99.9	286.2	41.4*	39.8	-11.6	364.5	999.9	99.9	999.9	79.9	112.
40.7	125.0	13650.4	150.0	-60.1	99.9	289.0	42.2*	40.1	-13.0	366.6	999.9	99.9	999.9	80.9	112.
41.2	126.0	13819.2	146.0	-59.9	99.9	288.3	44.4*	42.1	-13.9	369.8	999.9	99.9	999.9	82.1	112.
41.5	127.0	13992.6	142.0	-60.2	99.9	287.9	46.5*	44.2	-14.3	372.1	999.9	99.9	999.9	83.0	112.
41.9	128.0	14125.5	139.0	-60.9	99.9	288.3	51.2*	48.6	-16.0	373.1	999.9	99.9	999.9	83.9	112.
42.2	129.0	14306.7	135.0	-61.7	99.9	288.8	53.0*	51.0	-17.4	375.0	999.9	99.9	999.9	84.9	112.
42.6	130.0	14445.9	132.0	-61.9	99.9	289.8	55.9*	52.6	-18.9	377.1	999.9	99.9	999.9	86.4	112.
42.9	131.0	14636.3	128.0	-61.0	99.9	290.4	54.6*	51.2	-19.0	380.4	999.9	99.9	999.9	87.6	112.
43.4	132.0	14832.4	124.0	-62.8	99.9	291.3	50.5*	47.1	-18.3	382.2	999.9	99.9	999.9	89.1	112.
43.7	133.0	14983.2	121.0	-63.1	99.9	291.6	48.2*	44.8	-17.8	384.2	999.9	99.9	999.9	89.9	112.
44.1	134.0	15137.2	118.0	-64.3	99.9	291.9	45.1*	41.8	-16.8	384.9	999.9	99.9	999.9	91.0	112.
44.3	135.0	15348.1	114.0	-64.5	99.9	292.0	43.1*	40.0	-15.1	388.3	999.9	99.9	999.9	91.7	112.
45.0	136.0	15510.8	111.0	-65.3	99.9	292.0	35.7*	33.1	-13.4	389.8	999.9	99.9	999.9	93.2	112.
45.4	137.0	15733.8	107.0	-66.1	99.9	292.0	34.6*	32.1	-13.0	392.5	999.9	99.9	999.9	94.0	112.
45.9	138.0	15964.8	103.0	-66.3	99.9	292.0	35.3*	32.7	-13.2	396.4	999.9	99.9	999.9	95.0	112.
46.4	139.0	16204.6	99.0	-66.7	99.9	292.0	35.2*	32.6	-13.2	400.1	999.9	99.9	999.9	96.2	112.
47.0	140.0	16390.9	96.0	-66.5	99.9	291.7	31.7*	29.4	-11.7	404.0	999.9	99.9	999.9	97.4	112.
47.5	141.0	16649.0	92.0	-65.7	99.9	289.8	27.8*	26.2	-9.4	410.6	999.9	99.9	999.9	98.4	112.
48.1	142.0	16850.6	89.0	-65.5	99.9	284.2	25.7	24.9	-6.3	414.9	999.9	99.9	999.9	99.1	112.
48.6	143.0	17129.4	85.0	-66.9	99.9	999.9	99.9	99.9	99.9	417.5	999.9	99.9	999.9	999.9	999.
49.1	144.0	17346.1	82.0	-67.7	99.9	999.9	99.9	99.9	99.9	420.1	999.9	99.9	999.9	999.9	999.
49.7	145.0	17646.9	78.0	-67.9	99.9	999.9	99.9	99.9	99.9	425.8	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
1115 GMT

136 75. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
50.4	146.0	17882.5	75.0	-68.3	99.9	999.9	99.9	99.9	9.9	429.7	999.9	99.9	999.9	999.9	999.

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
1415 GMT

157 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.8	873.0	925.5	-2.8	-6.5	20.0	6.7	-2.3	-5.3	276.7	283.4	2.5	75.0	0.0	0.
0.2	11.0	894.5	923.0	-2.7	-6.7	26.0	5.1	-2.7	-5.5	277.0	283.7	2.5	73.9	0.2	202.
0.6	12.0	989.3	912.0	-4.2	-6.8	25.7	6.2	-2.7	-5.6	276.4	283.0	2.5	82.6	0.2	202.
1.0	13.0	1004.8	901.0	-5.6	-6.8	24.9	6.6	-2.8	-6.0	276.0	282.6	2.6	91.4	0.4	204.
1.3	14.0	1180.9	890.0	-7.0	-7.7	19.7	6.6	-2.1	-6.2	275.5	281.8	2.4	94.6	0.5	204.
1.7	15.0	1277.9	879.0	-8.0	-8.6	12.5	6.7	-1.5	-5.6	275.4	281.4	2.3	95.4	0.6	202.
2.1	16.0	1393.7	866.0	-8.0	-8.3	9.8	7.3	-1.2	-7.1	276.6	282.8	2.4	98.0	0.8	199.
2.4	17.0	1493.0	855.0	-8.7	-13.4	10.6	8.2	-1.5	-8.0	276.7	281.0	1.6	68.7	0.9	198.
2.7	18.0	1593.5	844.0	-8.1	-11.9	12.0	9.2	-1.9	-9.0	278.4	283.3	1.8	74.2	1.1	197.
3.0	19.0	1686.2	834.0	-7.8	-13.0	13.4	10.4	-2.4	-10.1	279.6	284.3	1.7	66.5	1.3	196.
3.4	20.0	1789.6	823.0	-7.1	-13.0	14.0	12.6	-3.1	-12.2	281.5	286.2	1.7	62.9	1.5	196.
3.8	21.0	1904.8	811.0	-4.4	-12.0	8.9	14.4	-2.2	-14.2	295.6	290.8	1.9	55.2	1.9	195.
4.1	22.0	2012.4	800.0	-4.4	-13.3	3.8	15.3	-1.0	-15.2	286.7	291.5	1.7	49.8	2.1	194.
4.5	23.0	2111.4	790.0	-5.2	-15.9	355.5	15.5	1.2	-15.4	286.8	290.8	1.4	42.3	2.5	192.
5.0	24.0	2211.4	780.0	-5.3	-17.4	344.9	14.5	3.8	-15.0	287.7	291.3	1.2	37.8	2.9	189.
5.4	25.0	2302.5	771.0	-5.8	-19.7	335.2	16.2	6.8	-15.7	288.2	291.2	1.0	32.1	3.2	186.
5.9	26.0	2435.9	758.0	-5.2	-23.4	323.8	19.1	11.3	-15.4	290.2	292.5	0.8	22.1	3.7	181.
6.3	27.0	2529.6	749.0	-5.3	-21.8	315.3	20.1	14.1	-14.3	291.0	293.7	0.9	25.9	4.1	176.
6.6	28.0	2635.2	739.0	-5.0	-14.2	309.6	20.4	15.7	-13.0	292.6	297.6	1.7	48.5	4.3	173.
7.0	29.0	2742.2	729.0	-5.8	-12.7	304.0	20.4	16.9	-11.4	292.9	298.6	2.0	58.1	4.7	159.
7.3	30.0	2839.5	720.0	-6.5	-11.1	299.6	20.1	17.5	-9.9	293.2	299.7	2.3	69.7	4.9	166.
7.7	31.0	2948.7	710.0	-7.3	-9.1	294.0	20.5	18.7	-8.3	293.6	301.2	2.7	86.9	5.3	162.
8.1	32.0	3048.1	701.0	-8.0	-9.1	289.6	21.8	20.6	-7.3	293.8	301.6	2.7	91.7	5.5	158.
8.5	33.0	3148.8	692.0	-7.3	-14.5	286.7	23.8	22.8	-5.9	295.6	300.9	1.8	56.0	5.9	154.
8.8	34.0	3262.5	682.0	-6.1	-9.5	285.5	24.7	23.8	-6.6	298.3	306.2	2.7	76.6	6.2	151.
9.2	35.0	3378.3	672.0	-5.8	-11.5	284.5	25.2	24.4	-6.3	299.9	306.8	2.4	64.0	6.7	147.
9.7	36.0	3507.7	661.0	-5.8	-23.9	284.4	24.5	23.7	-6.1	301.1	303.7	0.8	22.2	7.3	143.
10.1	37.0	3627.2	651.0	-5.8	-24.1	285.6	23.6	22.7	-6.3	302.4	305.0	0.8	21.7	7.7	140.
10.5	38.0	3736.3	642.0	-5.8	-23.1	287.8	22.8	21.7	-5.0	303.6	306.5	0.9	23.9	8.2	138.
11.0	39.0	3846.8	633.0	-6.2	-23.7	290.7	22.6	21.1	-5.0	304.3	307.1	0.9	23.5	8.8	136.
11.4	40.0	3946.3	625.0	-6.2	-22.7	291.9	22.9	21.2	-3.5	305.4	308.5	1.0	25.2	9.3	134.
12.0	41.0	4085.0	614.0	-7.0	-22.8	291.8	23.5	21.8	-8.7	306.1	309.3	1.0	26.8	10.1	133.
12.4	42.0	4187.1	606.0	-8.0	-23.1	291.1	24.3	22.6	-8.7	306.1	309.2	1.0	28.3	10.6	132.
12.8	43.0	4303.1	597.0	-9.3	-23.3	290.9	25.3	23.6	-9.0	305.9	308.8	0.9	29.4	11.1	130.
13.1	44.0	4407.3	589.0	-10.2	-24.1	290.9	26.0	24.3	-3.3	306.0	309.0	0.9	30.8	11.6	130.
13.5	45.0	4525.7	580.0	-11.3	-23.7	291.3	26.7	24.9	-1.7	306.0	309.1	1.0	34.9	12.2	129.
13.9	46.0	4632.0	572.0	-12.5	-23.9	292.0	26.9	24.9	-10.0	305.9	309.0	1.0	37.8	12.8	128.
14.3	47.0	4739.5	564.0	-13.2	-22.7	292.9	27.3	25.2	-10.6	306.4	309.8	1.1	44.5	13.4	127.
14.7	48.0	4849.2	556.0	-13.9	-23.0	293.7	28.1	25.8	-11.3	306.8	310.2	1.1	45.6	14.0	126.
15.1	49.0	4958.3	548.0	-14.3	-22.3	294.2	29.1	26.5	-10.9	307.6	311.1	1.1	48.1	14.7	126.
15.5	50.0	5069.6	540.0	-15.3	-24.2	294.1	29.9	27.3	-12.2	307.7	310.8	1.0	46.2	15.5	125.
16.0	51.0	5211.2	530.0	-14.4	-24.1	294.1	30.7	28.0	-12.5	310.3	313.6	1.0	43.6	16.3	125.
16.4	52.0	5326.5	522.0	-14.4	-24.7	294.0	31.3	28.6	-11.7	311.7	314.8	1.0	41.1	17.0	124.
16.8	53.0	5428.7	515.0	-15.0	-25.6	293.1	31.6	29.1	-11.4	312.2	315.2	0.9	40.0	17.8	124.
17.2	54.0	5547.3	507.0	-14.7	-26.0	291.7	31.9	29.7	-11.8	313.9	316.9	0.9	37.2	18.6	123.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
1415 GMT

157 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIF DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
17.6	55.0	5652.5	500.0	-15.3	-26.7	289.9	32.3	30.3	-11.0	314.5	317.3	0.8	35.9	19.3	123.
18.1	56.0	5804.9	490.0	-16.0	-28.1	289.3	33.2	31.5	-10.4	315.5	318.0	0.8	34.5	20.3	122.
18.5	57.0	5913.2	483.0	-16.8	-28.7	287.6	34.1	32.5	-10.3	315.7	318.2	0.7	34.5	21.0	122.
18.9	58.0	6022.7	476.0	-17.5	-29.4	287.4	35.1	33.5	-10.5	316.2	318.5	0.7	34.2	21.8	121.
19.3	59.0	6149.5	468.0	-18.5	-30.1	287.1	36.0	34.4	-10.6	316.4	318.6	0.7	35.3	22.7	121.
19.7	60.0	6261.7	461.0	-19.5	-31.2	286.7	36.7	35.1	-10.5	316.6	318.6	0.6	34.5	23.5	120.
20.0	61.0	6375.2	454.0	-20.3	-32.0	286.3	37.0	35.5	-10.4	316.9	318.9	0.6	34.2	24.2	120.
20.5	62.0	6490.2	447.0	-21.1	-33.2	285.7	37.3	35.0	-9.8	317.3	319.1	0.5	32.5	25.3	119.
20.9	63.0	6606.5	440.0	-21.9	-34.7	285.3	37.2	34.0	-9.3	317.7	319.4	0.5	32.2	26.1	119.
21.3	64.0	6724.4	433.0	-22.6	-35.9	284.8	37.7	33.5	-8.9	318.3	319.8	0.4	28.7	26.9	118.
21.7	65.0	6826.6	427.0	-23.6	-36.9	284.3	37.9	33.8	-8.6	318.3	319.6	0.4	28.1	27.7	118.
22.2	66.0	6982.0	418.0	-24.8	-38.2	283.9	36.2	35.1	-7.7	318.7	319.8	0.3	27.4	28.7	117.
22.6	67.0	7087.0	412.0	-25.8	-39.6	284.1	37.5	36.4	-6.1	318.8	319.8	0.3	25.6	29.5	117.
23.0	68.0	7210.9	405.0	-26.7	-39.9	284.7	38.5	37.2	-5.8	319.2	320.2	0.3	27.1	30.5	117.
23.4	69.0	7318.5	399.0	-27.9	-40.2	284.8	37.7	36.4	-9.6	319.0	320.0	0.3	29.8	31.5	116.
23.8	70.0	7445.4	392.0	-28.9	-41.2	284.3	36.5	35.4	-9.0	319.2	320.1	0.3	28.9	32.3	116.
24.3	71.0	7592.6	384.0	-30.1	-39.7	283.2	35.7	34.7	-8.2	319.6	320.7	0.3	40.5	33.3	116.
24.8	72.0	7704.5	378.0	-31.0	-43.0	282.6	35.5	34.6	-7.8	319.8	320.6	0.2	29.3	34.4	115.
25.3	73.0	7817.8	372.0	-31.9	-43.6	282.7	35.6	34.8	-7.9	320.0	320.8	0.2	30.2	35.4	115.
25.7	74.0	7932.4	366.0	-33.0	-44.1	283.4	36.6	35.5	-8.5	320.1	320.8	0.2	31.4	36.2	114.
26.1	75.0	8048.6	360.0	-33.5	-44.5	284.3	38.7	37.5	-6.6	320.9	321.6	0.2	32.0	37.1	114.
26.6	76.0	8166.3	354.0	-34.4	-45.2	285.5	41.7	40.2	-1.1	321.2	321.9	0.2	32.8	38.2	114.
27.1	77.0	8285.7	348.0	-35.2	-46.2	286.6	42.6*	40.8	-12.1	321.7	322.3	0.2	31.7	39.7	114.
27.6	78.0	8406.7	342.0	-35.9	-47.7	288.0	43.0*	40.9	-13.3	322.4	323.0	0.2	30.6	40.8	113.
28.0	79.0	8529.4	336.0	-37.1	-47.8	289.2	45.2*	42.7	-14.8	322.4	322.9	0.1	31.4	41.7	113.
28.5	80.0	8653.7	330.0	-38.0	-48.4	289.7	47.9*	45.1	-14.1	322.7	323.3	0.1	32.3	43.2	113.
29.0	81.0	8801.1	323.0	-39.1	-49.2	289.1	45.2*	42.7	-14.8	323.2	323.7	0.1	33.0	44.9	113.
29.4	82.0	8929.3	317.0	-40.2	-49.9	288.3	40.9*	38.8	-17.8	323.6	999.9	99.9	999.9	45.9	113.
29.9	83.0	9037.4	312.0	-41.6	-49.9	287.6	39.0*	37.2	-11.8	323.1	999.9	99.9	999.9	46.7	113.
30.3	84.0	9168.9	306.0	-42.5	-49.9	288.1	40.6*	38.6	-12.6	323.6	999.9	99.9	999.9	47.7	113.
30.6	85.0	9279.9	301.0	-43.7	-49.9	288.8	42.2*	40.0	-13.6	323.5	999.9	99.9	999.9	48.6	113.
31.2	86.0	9437.7	294.0	-44.9	-49.9	290.9	44.3*	41.4	-15.8	323.9	999.9	99.9	999.9	50.1	113.
31.6	87.0	9552.0	289.0	-46.1	-49.9	292.0	44.8*	41.5	-16.8	323.9	999.9	99.9	999.9	51.2	113.
32.0	88.0	9667.9	294.0	-46.8	-49.9	292.5	44.9*	41.5	-17.2	324.5	999.9	99.9	999.9	52.3	113.
32.5	89.0	9809.2	278.0	-47.8	-49.9	292.6	46.0*	40.6	-16.9	325.0	999.9	99.9	999.9	53.7	113.
33.0	90.0	9928.7	273.0	-49.0	-49.9	292.6	42.2*	39.0	-16.2	325.0	999.9	99.9	999.9	55.0	113.
33.5	91.0	10049.8	268.0	-50.0	-49.9	292.7	42.5*	39.2	-16.4	325.2	999.9	99.9	999.9	56.3	113.
33.9	92.0	10172.6	263.0	-51.2	-49.9	293.2	45.4*	41.8	-17.9	325.2	999.9	99.9	999.9	57.0	113.
34.4	93.0	10297.2	258.0	-52.0	-49.9	293.8	49.8*	44.6	-15.7	325.9	999.9	99.9	999.9	58.7	113.
34.9	94.0	10398.2	254.0	-52.9	-49.9	294.0	49.0*	44.8	-20.0	326.0	999.9	99.9	999.9	60.2	113.
35.4	95.0	10526.2	249.0	-53.7	-49.9	294.1	46.6*	42.5	-19.0	326.7	999.9	99.9	999.9	61.6	113.
36.0	96.0	10682.6	243.0	-54.9	-49.9	294.6	43.3*	39.3	-18.0	327.0	999.9	99.9	999.9	63.4	113.
36.5	97.0	10815.2	238.0	-55.9	-49.9	295.2	44.6*	40.4	-19.0	327.5	999.9	99.9	999.9	64.2	113.
36.9	98.0	10922.8	234.0	-56.9	-49.9	295.5	48.1*	43.4	-20.7	327.6	999.9	99.9	999.9	65.5	113.
37.3	99.0	11031.6	230.0	-58.2	-49.9	295.2	47.6*	44.9	-21.1	327.2	999.9	99.9	999.9	66.8	113.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
1415 GMT

157 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
37.8	100.0	11169.8	225.0	-58.8	99.9	293.7	49.4*	45.3	-19.9	328.5	999.9	99.9	999.9	68.4	113.
38.3	101.0	11310.8	220.0	-59.3	99.9	291.4	51.5*	48.0	-18.8	329.8	999.9	99.9	999.9	69.7	113.
38.7	102.0	11425.4	216.0	-60.5	99.9	289.8	54.4*	51.2	-18.4	329.6	999.9	99.9	999.9	70.7	113.
39.2	103.0	11571.0	211.0	-61.4	99.9	287.8	53.8*	51.2	-16.5	330.5	999.9	99.9	999.9	72.9	113.
39.5	104.0	11689.4	207.0	-62.5	99.9	286.2	50.1*	48.1	-14.0	330.6	999.9	99.9	999.9	74.7	113.
40.0	105.0	11809.7	203.0	-62.9	99.9	284.8	45.6*	44.1	-11.6	331.8	999.9	99.9	999.9	74.5	113.
40.5	106.0	11932.0	199.0	-64.0	99.9	283.0	51.6*	49.1	-16.0	331.9	999.9	99.9	999.9	76.3	112.
40.9	107.0	12056.9	195.0	-62.3	99.9	291.3	55.4*	51.6	-20.1	336.5	999.9	99.9	999.9	77.8	112.
41.4	108.0	12185.8	191.0	-59.3	99.9	294.4	52.5*	47.8	-21.7	343.4	999.9	99.9	999.9	79.7	112.
41.7	109.0	12313.7	187.0	-58.4	99.9	295.9	48.3*	43.4	-21.1	346.9	999.9	99.9	999.9	80.6	112.
42.2	110.0	12455.0	183.0	-57.2	99.9	298.2	41.1*	36.2	-19.4	351.0	999.9	99.9	999.9	81.8	113.
42.6	111.0	12630.2	178.0	-57.2	99.9	299.8	37.4*	32.4	-18.6	353.7	999.9	99.9	999.9	82.7	113.
43.0	112.0	12737.4	175.0	-58.6	99.9	303.3	35.7*	30.8	-18.0	353.2	999.9	99.9	999.9	83.5	113.
43.5	113.0	12882.5	171.0	-59.3	99.9	297.1	37.7*	33.5	-17.2	354.5	999.9	99.9	999.9	84.5	113.
44.0	114.0	13030.6	167.0	-59.8	99.9	292.7	42.2*	38.9	-16.3	356.0	999.9	99.9	999.9	85.5	113.
44.5	115.0	13143.8	164.0	-60.1	99.9	284.5	43.0*	40.8	-13.6	357.3	999.9	99.9	999.9	87.3	113.
45.1	116.0	13337.4	159.0	-59.3	99.9	283.5	37.7*	36.7	-8.8	361.9	999.9	99.9	999.9	88.6	113.
45.5	117.0	13456.6	156.0	-59.6	99.9	291.6	35.1*	34.4	-7.0	363.3	999.9	99.9	999.9	89.4	113.
46.0	118.0	13577.9	153.0	-60.1	99.9	283.6	39.6*	38.5	-9.3	364.4	999.9	99.9	999.9	90.2	112.
46.5	119.0	13743.2	149.0	-60.1	99.9	286.2	50.6*	48.6	-14.2	367.2	999.9	99.9	999.9	91.3	112.
47.0	120.0	13870.0	146.0	-60.5	99.9	287.6	56.9*	54.2	-17.2	368.7	999.9	99.9	999.9	93.3	112.
47.4	121.0	13999.4	143.0	-60.3	99.9	288.1	52.1*	49.5	-16.2	371.2	999.9	99.9	999.9	95.1	112.
47.8	122.0	14131.5	140.0	-60.7	99.9	289.1	44.9*	42.5	-14.7	372.9	999.9	99.9	999.9	96.1	112.
48.3	123.0	14220.9	138.0	-61.2	99.9	291.9	38.0*	35.3	-14.2	373.5	999.9	99.9	999.9	97.1	112.
48.7	124.0	14403.2	134.0	-61.9	99.9	295.3	36.3*	32.8	-15.5	375.3	999.9	99.9	999.9	98.0	112.
49.2	125.0	14543.2	131.0	-62.1	99.9	298.1	38.6*	34.0	-18.2	377.4	999.9	99.9	999.9	99.1	112.
49.9	126.0	14734.6	127.0	-62.9	99.9	297.3	47.3*	42.0	-21.7	379.5	999.9	99.9	999.9	100.4	112.
50.3	127.0	14881.7	124.0	-63.2	99.9	297.0	49.4*	44.0	-22.4	381.4	999.9	99.9	999.9	102.1	112.
50.8	128.0	15032.4	121.0	-63.0	99.9	298.2	46.3*	40.8	-21.9	384.4	999.9	99.9	999.9	103.7	112.
51.3	129.0	15186.7	118.0	-63.4	99.9	300.1	40.7*	35.3	-20.4	386.5	999.9	99.9	999.9	104.8	112.
51.7	130.0	15344.7	115.0	-64.2	99.9	303.1	37.7*	32.7	-18.9	387.9	999.9	99.9	999.9	105.7	113.
52.3	131.0	15506.5	112.0	-64.0	99.9	296.2	36.1*	32.4	-16.0	391.2	999.9	99.9	999.9	107.0	113.
52.8	132.0	15672.9	109.0	-64.0	99.9	292.5	36.9*	34.1	-14.1	394.3	999.9	99.9	999.9	108.1	113.
53.2	133.0	15786.3	107.0	-64.0	99.9	291.3	38.4*	35.8	-13.9	396.4	999.9	99.9	999.9	108.9	113.
53.7	134.0	15960.5	104.0	-64.2	99.9	291.1	39.8*	37.2	-14.3	399.3	999.9	99.9	999.9	110.1	113.
54.1	135.0	16139.6	101.0	-64.4	99.9	290.5	39.3*	36.8	-13.8	402.2	999.9	99.9	999.9	111.2	113.
54.7	136.0	16324.2	98.0	-64.0	99.9	288.2	33.9*	32.2	-10.6	406.5	999.9	99.9	999.9	112.5	113.
55.3	137.0	16514.1	95.0	-65.1	99.9	285.0	24.6*	23.8	-6.4	407.8	999.9	99.9	999.9	113.8	113.
55.9	139.0	16709.5	92.0	-65.3	99.9	282.6	20.4*	19.9	-4.4	411.2	999.9	99.9	999.9	114.1	112.
56.6	139.0	16910.8	89.0	-66.5	99.9	282.9	28.3*	27.6	-6.3	412.7	999.9	99.9	999.9	115.1	112.
57.3	140.0	17117.8	86.0	-67.6	99.9	283.0	34.4*	33.5	-7.7	414.7	999.9	99.9	999.9	116.6	112.
57.9	141.0	17331.4	83.0	-68.0	99.9	284.2	35.0*	33.9	-8.6	418.1	999.9	99.9	999.9	117.9	112.
58.5	142.0	17478.3	81.0	-66.9	99.9	284.9	36.2*	35.0	-9.3	423.2	999.9	99.9	999.9	118.9	112.
59.1	143.0	17706.2	78.0	-67.1	99.9	285.2	36.9*	35.6	-9.7	427.3	999.9	99.9	999.9	120.5	112.
59.8	144.0	17942.8	75.0	-67.1	99.9	288.3	33.2*	31.5	-10.4	432.1	999.9	99.9	999.9	122.0	112.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
1415 GMT

157 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	AIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX WTD GM/KG	RH PCT	RANGE KM	AZ DG
60.5	145.0	18106.2	73.0	-66.5	99.9	291.4	24.1*	22.4	-8.8	436.8	999.9	99.9	999.9	123.2	112.
61.2	146.0	18360.3	70.0	-66.3	99.9	291.9	7.4*	6.9	-2.8	442.5	999.9	99.9	999.9	124.2	112.
61.9	147.0	18536.1	68.0	-65.7	99.9	291.9	9.3*	8.6	-3.5	447.5	999.9	99.9	999.9	123.4	112.
62.7	148.0	18810.7	65.0	-65.1	99.9	293.1	28.4*	26.1	-11.1	454.6	999.9	99.9	999.9	124.9	112.
63.6	149.0	19099.6	62.0	-63.6	99.9	297.7	23.7*	20.9	-11.0	464.2	999.9	99.9	999.9	126.7	112.
64.3	150.0	19301.2	60.0	-63.0	99.9	300.7	15.8*	13.6	-8.1	469.8	999.9	99.9	999.9	127.1	112.
65.1	151.0	19509.6	58.0	-63.4	99.9	297.7	20.9*	18.5	-9.7	473.5	999.9	99.9	999.9	128.0	112.
65.8	152.0	19836.8	55.0	-62.3	99.9	287.9	16.3*	15.5	-5.3	483.3	999.9	99.9	999.9	129.0	112.
66.6	153.0	20065.6	53.0	-62.3	99.9	222.2	8.6*	4.4	4.7	488.5	999.9	99.9	999.9	129.8	112.
67.2	154.0	20302.4	51.0	-63.6	99.9	167.6	8.9*	-1.9	8.7	490.8	999.9	99.9	999.9	129.4	112.
68.5	155.0	20676.2	48.0	-61.7	99.9	273.4	19.7*	19.7	-1.2	503.8	999.9	99.9	999.9	129.5	112.
69.5	156.0	20941.8	46.0	-58.4	99.9	279.5	12.3*	12.2	-2.0	518.1	999.9	99.9	999.9	131.1	112.
70.5	157.0	21364.3	43.0	-60.1	99.9	272.7	11.2*	11.2	-0.5	523.9	999.9	99.9	999.9	130.8	111.
71.5	158.0	21660.3	41.0	-61.7	99.9	264.3	6.3*	6.3	0.6	527.1	999.9	99.9	999.9	132.6	111.
72.5	159.0	21970.3	39.0	-61.4	99.9	282.8	18.1*	17.6	-4.0	535.6	999.9	99.9	999.9	133.0	111.
73.9	160.0	22465.3	36.0	-62.7	99.9	285.4	26.3*	25.4	-7.0	544.7	999.9	99.9	999.9	134.4	111.
75.3	161.0	22819.2	34.0	-60.8	99.9	297.5	11.0*	9.7	-5.1	558.4	999.9	99.9	999.9	135.9	111.
76.3	162.0	23393.2	31.0	-61.2	99.9	289.6	9.1*	8.6	-2.3	572.4	999.9	99.9	999.9	136.8	111.
77.7	163.0	23808.9	29.0	-59.4	99.9	258.5	10.7*	10.5	2.1	588.3	999.9	99.9	999.9	136.6	111.
79.1	164.0	24257.2	27.0	-58.6	99.9	279.8	26.2*	25.8	-4.4	602.9	999.9	99.9	999.9	137.8	111.
80.5	165.0	24998.0	24.0	-58.2	99.9	999.9	99.9	99.9	99.9	624.5	999.9	99.9	999.9	999.9	999.
82.1	166.0	25545.1	22.0	-58.8	99.9	999.9	99.9	99.9	99.9	638.7	999.9	99.9	999.9	999.9	999.

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
1715 GMT

160 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PPFS MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.6	873.0	927.5	-0.6	-9.0	10.0	5.1	-0.9	-5.0	278.7	284.4	2.1	53.0	0.0	0.
0.3	11.0	911.7	923.0	-3.2	-11.5	9.7	6.0	-0.9	-5.9	276.4	281.0	1.7	52.6	0.1	193.
0.7	12.0	957.7	913.0	-4.5	-11.0	5.5	5.7	-0.5	-5.5	276.0	280.8	1.8	60.0	0.2	191.
1.0	13.0	1093.1	902.0	-5.2	-10.4	0.0	5.2	-0.0	-5.2	276.2	281.3	1.9	66.7	0.3	190.
1.3	14.0	1189.3	891.0	-6.3	-10.8	354.8	4.9	0.4	-4.9	276.1	281.1	1.9	70.1	0.4	186.
1.6	15.0	1277.5	881.0	-7.2	-12.1	353.0	4.9	0.6	-4.9	276.0	280.6	1.7	67.9	0.5	183.
2.1	16.0	1393.2	868.0	-8.2	-11.2	1.7	5.7	-0.2	-5.7	276.1	281.1	1.9	78.8	0.6	181.
2.4	17.0	1492.3	857.0	-8.1	-14.4	5.7	5.9	-0.6	-5.1	277.2	281.2	1.5	60.1	0.7	182.
2.8	18.0	1583.7	847.0	-6.9	-13.6	21.1	5.5	-2.0	-5.1	279.4	283.7	1.6	58.6	0.9	183.
3.1	19.0	1676.8	837.0	-4.5	-12.9	34.7	5.7	-3.2	-4.7	282.9	287.6	1.7	51.4	1.0	185.
3.5	20.0	1771.5	827.0	-4.6	-13.9	44.9	7.1	-5.0	-5.0	283.7	288.1	1.6	48.1	1.1	191.
3.9	21.0	1896.2	814.0	-4.9	-15.9	31.0	6.6	-3.6	-5.5	284.7	288.5	1.4	41.7	1.2	195.
4.3	22.0	1993.4	804.0	-4.6	-16.1	19.4	5.1	-1.7	-4.8	286.0	289.8	1.4	40.1	1.4	196.
4.6	23.0	2082.0	795.0	-5.1	-16.4	3.0	4.4	-0.2	-4.4	286.4	290.2	1.3	40.5	1.5	196.
5.0	24.0	2181.3	785.0	-6.0	-16.7	344.6	5.4	1.4	-5.2	286.5	290.2	1.3	42.2	1.5	195.
5.3	25.0	2281.5	775.0	-6.7	-17.6	339.3	7.4	2.6	-6.7	286.7	290.3	1.2	41.6	1.6	192.
5.7	26.0	2403.3	763.0	-7.3	-18.3	335.1	9.7	4.1	-8.9	287.3	290.8	1.2	41.1	1.8	188.
6.1	27.0	2495.6	754.0	-7.8	-20.2	331.3	12.3	5.9	-10.8	287.8	290.8	1.0	36.1	2.0	184.
6.4	28.0	2599.4	744.0	-7.9	-23.4	327.2	14.3	7.8	-12.0	288.7	291.0	0.8	27.6	2.2	181.
6.7	29.0	2694.0	735.0	-8.1	-27.0	323.2	14.3	8.6	-11.5	289.5	291.3	0.6	20.1	2.5	177.
7.1	30.0	2789.7	726.0	-8.1	-27.0	319.5	13.0	8.4	-9.7	290.6	292.3	0.6	20.1	2.8	173.
7.5	31.0	2897.4	716.0	-8.1	-27.0	324.5	11.2	6.5	-9.1	291.7	293.5	0.6	20.1	3.0	169.
7.8	32.0	2995.7	707.0	-7.9	-21.9	999.9	99.9	99.9	99.9	293.0	295.8	0.9	31.5	999.9	999.
8.3	33.0	3095.3	698.0	-7.8	-17.3	999.9	99.9	99.9	99.9	294.3	298.4	1.4	46.0	999.9	999.
8.6	34.0	3196.2	689.0	-8.5	-18.3	999.9	99.9	99.9	99.9	294.5	298.4	1.3	45.1	999.9	999.
8.9	35.0	3298.4	680.0	-7.5	-17.6	999.9	99.9	99.9	99.9	296.8	301.0	1.4	44.1	999.9	999.
9.4	36.0	3425.3	669.0	-7.8	-19.4	999.9	99.9	99.9	99.9	297.9	301.9	1.3	42.1	999.9	999.
9.8	37.0	3530.7	660.0	-7.8	-19.5	999.9	99.9	99.9	99.9	299.0	302.7	1.2	38.2	999.9	999.
10.4	38.0	3625.6	652.0	-7.6	-26.4	999.9	99.9	99.9	99.9	300.1	302.3	0.7	20.5	999.9	999.
10.7	39.0	3732.9	643.0	-6.6	-26.0	999.9	99.9	99.9	99.9	302.5	304.8	0.7	19.5	999.9	999.
11.3	40.0	3844.1	634.0	-6.3	-26.6	999.9	99.9	99.9	99.9	304.1	306.3	0.7	18.1	999.9	999.
11.7	41.0	3968.4	624.0	-6.3	-27.8	999.9	99.9	99.9	99.9	305.5	307.5	0.6	16.2	999.9	999.
12.0	42.0	4081.9	615.0	-6.7	-26.1	999.9	99.9	99.9	99.9	306.2	308.6	0.7	19.5	999.9	999.
12.5	43.0	4184.1	607.0	-6.9	-25.1	999.9	99.9	99.9	99.9	307.2	309.8	0.8	21.8	999.9	999.
12.9	44.0	4300.4	598.0	-8.4	-25.4	999.9	99.9	99.9	99.9	306.8	309.4	0.8	23.6	999.9	999.
13.2	45.0	4404.6	590.0	-9.5	-26.1	999.9	99.9	99.9	99.9	306.6	309.1	0.8	24.5	999.9	999.
13.5	46.0	4510.0	582.0	-10.3	-25.4	999.9	99.9	99.9	99.9	307.0	309.6	0.8	27.6	999.9	999.
14.0	47.0	4616.3	574.0	-11.7	-25.3	294.5	27.4	24.9	-11.3	306.5	309.2	0.8	31.2	11.8	125.
14.3	48.0	4723.7	566.0	-12.5	-23.4	293.0	27.3	25.2	-10.7	306.8	310.0	1.0	39.7	12.3	125.
14.7	49.0	4832.2	558.0	-13.4	-22.9	291.9	27.5	25.5	-10.3	307.0	310.5	1.1	44.5	12.9	124.
15.2	50.0	4942.0	550.0	-14.4	-22.7	292.5	27.9	25.8	-10.7	307.1	310.7	1.1	49.1	13.7	123.
15.6	51.0	5081.0	540.0	-15.1	-22.6	293.9	28.4	26.0	-11.5	307.9	311.6	1.2	52.6	14.4	123.
16.0	52.0	5193.9	532.0	-14.9	-22.5	295.5	28.9	26.0	-12.7	309.4	313.1	1.2	52.3	15.1	123.
16.4	53.0	5309.0	524.0	-13.2	-20.8	295.8	29.4	26.5	-12.7	312.8	317.2	1.4	52.9	15.7	122.
16.8	54.0	5411.3	517.0	-13.9	-21.4	295.1	29.9	27.1	-12.7	313.2	317.4	1.3	53.1	16.4	122.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
1715 GMT

160 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PPFS MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COM. M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.2	55.0	5529.6	509.0	-14.9	-22.8	293.8	30.2	27.6	-12.2	313.3	317.2	1.2	50.8	17.2	122.
17.6	56.0	5664.6	500.0	-14.9	-23.9	292.5	30.3	28.0	-11.6	314.9	318.5	1.1	46.2	17.9	121.
18.1	57.0	5771.2	493.0	-15.6	-26.0	291.5	31.0	28.9	-11.4	315.3	318.4	0.9	40.2	18.8	121.
18.5	58.0	5879.0	486.0	-16.2	-26.6	291.5	32.4	30.2	-11.7	315.9	318.9	0.9	39.9	19.5	121.
18.9	59.0	6003.7	478.0	-17.3	-26.9	291.2	33.8	31.5	-12.2	316.1	319.0	0.9	42.5	20.3	120.
19.3	60.0	6114.3	471.0	-17.7	-27.5	290.2	34.1	32.0	-11.7	316.9	319.7	0.8	41.7	21.2	120.
19.6	61.0	6226.2	464.0	-18.5	-28.6	289.1	33.9	32.0	-11.7	317.2	319.8	0.8	40.4	21.8	120.
20.0	62.0	6339.5	457.0	-19.3	-29.5	286.9	33.2	31.7	-9.7	317.6	320.0	0.7	39.6	22.6	119.
20.4	63.0	6454.1	450.0	-20.1	-30.4	285.1	32.7	31.6	-8.5	318.0	320.3	0.7	39.1	23.3	119.
20.8	64.0	6570.1	443.0	-21.0	-31.0	283.7	32.3	31.4	-7.7	318.2	320.4	0.6	39.9	24.1	118.
21.3	65.0	6670.7	437.0	-22.1	-31.7	282.4	31.4	30.7	-6.7	318.1	320.2	0.6	41.0	25.0	118.
21.6	66.0	6806.2	429.0	-23.4	-32.7	281.7	31.0	30.3	-6.7	318.1	320.0	0.6	42.0	25.6	117.
22.1	67.0	6926.3	422.0	-24.4	-33.6	281.4	31.8	31.1	-6.7	318.4	320.2	0.5	41.6	26.4	117.
22.4	68.0	7030.5	416.0	-25.3	-34.9	281.9	33.6	32.9	-6.9	318.5	320.1	0.5	40.1	26.8	116.
22.9	69.0	7153.6	409.0	-25.9	-35.3	282.9	36.5	35.6	-8.2	319.2	320.8	0.5	40.6	28.1	116.
23.3	70.0	7260.4	403.0	-27.0	-36.4	283.3	37.3	36.3	-8.6	319.2	320.7	0.4	40.2	28.9	115.
23.7	71.0	7404.8	395.0	-27.9	-37.3	283.4	36.8	35.8	-8.5	319.8	321.2	0.4	39.7	29.8	115.
24.1	72.0	7514.6	389.0	-28.6	-38.3	283.1	35.5	34.6	-8.0	320.4	321.6	0.4	38.3	30.7	115.
24.4	73.0	7644.5	382.0	-29.5	-39.5	282.8	34.5	33.6	-7.5	320.8	322.0	0.3	37.0	31.3	115.
24.8	74.0	7738.3	377.0	-20.5	-40.5	283.1	34.8	33.9	-7.7	320.7	321.7	0.3	36.7	32.0	114.
25.3	75.0	7852.1	371.0	-31.7	-41.1	284.1	37.2	36.1	-9.0	320.6	321.5	0.3	38.4	32.9	114.
25.6	76.0	7967.3	365.0	-32.2	-41.3	284.5	38.5	37.3	-9.6	321.4	322.3	0.3	39.5	33.6	114.
26.0	77.0	8084.1	359.0	-32.9	-42.5	284.5	39.3	37.1	-9.6	322.0	322.9	0.2	37.1	34.9	114.
26.4	78.0	8202.5	353.0	-33.7	-43.7	283.8	35.9	34.9	-8.6	322.5	323.3	0.2	35.3	35.7	113.
26.8	79.0	8322.6	347.0	-34.5	-44.5	283.8	35.9	34.9	-8.6	323.0	323.8	0.2	35.0	36.3	113.
27.3	80.0	8423.8	342.0	-35.5	-45.0	284.4	39.0	37.7	-9.7	322.9	323.6	0.2	36.6	37.3	113.
27.7	81.0	8567.4	335.0	-36.8	-45.7	284.4	41.1	39.8	-10.7	323.0	323.7	0.2	38.7	38.5	113.
28.1	82.0	8692.2	329.0	-37.8	-46.5	283.8	41.4	40.2	-9.7	323.4	324.1	0.2	35.2	39.6	112.
28.5	83.0	8797.6	324.0	-38.8	-46.4	282.7	40.0	39.0	-8.8	323.4	324.0	0.2	44.3	40.4	112.
28.9	84.0	8925.6	318.0	-39.8	-46.6	282.7	39.6	38.7	-8.7	323.8	324.4	0.2	47.4	41.3	112.
29.3	85.0	9033.8	313.0	-40.6	99.9	283.7	40.8	39.7	-9.7	324.2	999.9	99.9	999.9	42.3	112.
29.7	86.0	9187.5	306.0	-41.8	99.9	285.2	42.8	41.3	-11.2	324.6	999.9	99.9	999.9	43.2	112.
30.2	87.0	9298.8	301.0	-42.9	99.9	286.5	44.2	42.4	-12.5	324.6	999.9	99.9	999.9	44.6	111.
30.5	88.0	9411.6	296.0	-43.9	99.9	286.8	43.7	41.8	-12.5	324.8	999.9	99.9	999.9	45.6	111.
30.9	89.0	9548.8	290.0	-44.8	99.9	286.6	40.4	38.7	-11.5	325.3	999.9	99.9	999.9	46.6	111.
31.3	90.0	9664.8	285.0	-46.0	99.9	286.7	38.5	36.8	-11.7	325.3	999.9	99.9	999.9	47.3	111.
31.6	91.0	9758.6	281.0	-47.1	99.9	287.0	38.3*	36.6	-11.2	325.0	999.9	99.9	999.9	47.9	111.
32.0	92.0	9877.2	276.0	-48.1	99.9	287.6	40.3*	38.5	-12.2	325.2	999.9	99.9	999.9	48.9	111.
32.4	93.0	9997.5	271.0	-49.1	99.9	287.6	44.1*	42.0	-13.5	325.4	999.9	99.9	999.9	49.9	111.
32.8	94.0	10119.4	266.0	-50.2	99.9	287.4	47.2*	45.0	-14.7	325.7	999.9	99.9	999.9	50.9	111.
33.3	95.0	10243.2	261.0	-50.8	99.9	287.2	47.2*	45.1	-13.7	326.6	999.9	99.9	999.9	52.6	111.
33.6	96.0	10368.9	256.0	-51.8	99.9	287.0	44.7*	42.8	-13.7	326.8	999.9	99.9	999.9	53.6	111.
34.1	97.0	10496.3	251.0	-53.3	99.9	287.0	37.4*	35.8	-10.9	326.4	999.9	99.9	999.9	54.8	111.
34.5	98.0	10599.5	247.0	-54.6	99.9	287.9	33.6*	32.0	-10.3	326.1	999.9	99.9	999.9	55.4	111.
34.9	99.0	10730.2	242.0	-55.2	99.9	289.4	36.6*	34.6	-12.2	327.0	999.9	99.9	999.9	56.1	111.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
1715 GMT

160 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PNT T DG K	E PNT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.4	100.0	10836.3	238.0	-56.5	99.9	290.9	43.2*	40.4	-15.4	326.7	999.9	99.9	999.9	57.3	111.
35.7	101.0	10997.9	232.0	-57.6	99.9	291.4	46.6*	43.4	-17.6	327.3	999.9	99.9	999.9	58.2	111.
36.3	102.0	11107.5	228.0	-58.5	99.9	291.7	50.5*	46.9	-18.7	327.7	999.9	99.9	999.9	60.0	111.
36.5	103.0	11218.5	224.0	-59.7	99.9	291.7	51.1*	47.5	-18.7	327.5	999.9	99.9	999.9	60.6	111.
36.9	104.0	11359.3	219.0	-60.5	99.9	290.8	51.3*	48.0	-18.7	328.3	999.9	99.9	999.9	61.9	111.
37.3	105.0	11445.1	216.0	-61.1	99.9	289.7	50.1*	47.2	-16.9	328.8	999.9	99.9	999.9	63.1	111.
37.6	106.0	11561.1	212.0	-61.6	99.9	289.0	48.2*	45.6	-15.7	329.7	999.9	99.9	999.9	64.0	111.
38.0	107.0	11708.7	207.0	-62.5	99.9	288.2	43.7*	41.7	-13.7	330.6	999.9	99.9	999.9	65.4	111.
38.4	108.0	11829.1	203.0	-62.5	99.9	288.0	40.7*	38.7	-12.5	332.4	999.9	99.9	999.9	66.7	111.
38.7	109.0	11951.8	199.0	-63.0	99.9	288.1	39.9*	37.9	-12.4	333.4	999.9	99.9	999.9	66.7	110.
39.1	110.0	12045.7	196.0	-61.1	99.9	288.7	39.9*	37.8	-12.1	338.0	999.9	99.9	999.9	67.6	110.
39.5	111.0	12206.9	191.0	-59.3	99.9	289.5	39.3*	37.1	-13.7	343.3	999.9	99.9	999.9	69.1	110.
40.0	112.0	12339.8	187.0	-58.1	99.9	290.4	38.7*	36.3	-13.5	347.3	999.9	99.9	999.9	69.8	110.
40.4	113.0	12476.2	183.0	-57.5	99.9	291.5	42.8*	39.8	-15.7	350.6	999.9	99.9	999.9	70.6	110.
40.8	114.0	12580.7	180.0	-57.0	99.9	293.3	47.0*	43.2	-18.6	353.0	999.9	99.9	999.9	71.8	110.
41.2	115.0	12723.1	176.0	-56.7	99.9	295.0	48.4*	43.9	-20.5	355.8	999.9	99.9	999.9	73.2	110.
41.6	116.0	12868.7	172.0	-57.3	99.9	296.1	46.5*	41.7	-20.5	357.1	999.9	99.9	999.9	74.5	111.
42.0	117.0	13017.1	168.0	-58.3	99.9	295.3	43.2*	39.1	-18.7	357.9	999.9	99.9	999.9	75.4	111.
42.4	118.0	13130.3	165.0	-59.3	99.9	293.0	44.8*	41.3	-17.5	358.0	999.9	99.9	999.9	76.1	111.
42.8	119.0	13244.9	162.0	-60.4	99.9	291.5	48.4*	45.0	-17.8	358.1	999.9	99.9	999.9	77.4	111.
43.1	120.0	13400.5	158.0	-61.1	99.9	290.8	50.5*	47.2	-17.9	359.5	999.9	99.9	999.9	78.4	111.
43.5	121.0	13519.6	155.0	-60.9	99.9	289.7	50.2*	47.3	-16.9	361.8	999.9	99.9	999.9	79.2	111.
43.9	122.0	13641.2	152.0	-60.7	99.9	283.1	42.9*	40.8	-13.3	364.1	999.9	99.9	999.9	81.4	111.
44.4	123.0	13765.2	149.0	-60.7	99.9	287.2	34.8*	33.2	-10.3	366.2	999.9	99.9	999.9	81.8	111.
44.8	124.0	13892.2	146.0	-59.5	99.9	283.4	35.1*	33.3	-11.1	370.5	999.9	99.9	999.9	82.5	111.
45.2	125.0	14066.0	147.0	-59.5	99.9	289.9	39.7*	37.4	-13.5	373.4	999.9	99.9	999.9	83.4	111.
45.6	126.0	14199.5	139.0	-60.0	99.9	290.9	45.7*	42.7	-16.3	374.8	999.9	99.9	999.9	84.4	111.
46.0	127.0	14335.6	136.0	-60.5	99.9	291.7	50.0*	46.4	-18.5	376.2	999.9	99.9	999.9	86.0	111.
46.5	128.0	14474.4	133.0	-60.9	99.9	293.5	52.5*	48.2	-20.9	378.0	999.9	99.9	999.9	86.8	111.
46.8	129.0	14664.0	129.0	-61.4	99.9	294.5	51.7*	47.0	-21.5	380.4	999.9	99.9	999.9	88.3	111.
47.2	130.0	14760.8	127.0	-62.1	99.9	295.6	48.7*	43.9	-21.1	380.8	999.9	99.9	999.9	89.7	111.
47.7	131.0	14958.1	123.0	-63.0	99.9	296.1	42.5*	38.2	-19.7	382.6	999.9	99.9	999.9	90.9	111.
48.0	132.0	15109.9	120.0	-63.6	99.9	296.0	38.8*	34.9	-17.0	384.3	999.9	99.9	999.9	91.7	111.
48.4	133.0	15213.0	118.0	-64.0	99.9	295.4	36.6*	33.1	-15.7	385.5	999.9	99.9	999.9	92.4	111.
48.8	134.0	15370.9	115.0	-63.6	99.9	294.6	36.2*	32.9	-15.1	389.0	999.9	99.9	999.9	93.3	111.
49.3	135.0	15533.0	112.0	-64.2	99.9	293.7	36.6*	33.5	-14.7	390.9	999.9	99.9	999.9	94.4	111.
49.7	136.0	15699.1	109.0	-64.3	99.9	293.1	37.0*	34.1	-14.5	393.6	999.9	99.9	999.9	95.3	111.
50.2	137.0	15870.3	106.0	-63.2	99.9	291.9	37.5*	34.8	-14.3	398.9	999.9	99.9	999.9	96.4	111.
50.7	138.0	16046.8	103.0	-63.2	99.9	289.8	38.3*	36.0	-12.7	402.2	999.9	99.9	999.9	97.5	111.
51.3	139.0	16290.3	99.0	-63.4	99.9	287.4	37.8*	36.1	-11.3	406.4	999.9	99.9	999.9	98.9	111.
51.8	140.0	16476.8	96.0	-64.5	99.9	285.9	33.1*	31.9	-9.1	407.8	999.9	99.9	999.9	100.1	111.
52.3	141.0	16672.5	93.0	-65.3	99.9	283.2	25.7*	25.0	-5.9	410.0	999.9	99.9	999.9	101.2	111.
52.8	142.0	16804.8	91.0	-65.3	99.9	281.2	22.2*	21.8	-4.3	412.6	999.9	99.9	999.9	101.5	111.
53.4	143.0	17008.3	88.0	-66.5	99.9	285.1	27.3*	26.3	-7.1	414.2	999.9	99.9	999.9	102.2	111.
54.0	144.0	17218.0	85.0	-67.1	99.9	287.0	34.4*	32.9	-10.1	417.1	999.9	99.9	999.9	103.5	111.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
1715 GMT

160 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP F/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
54.6	145.0	17435.3	82.0	-66.5	99.9	282.2	36.6*	35.8	-7.7	422.6	999.9	99.9	999.9	104.8	111.
55.2	146.0	17660.3	79.0	-67.5	99.9	290.3	33.4*	32.0	-6.7	425.1	999.9	99.9	999.9	106.1	110.
55.8	147.0	17893.4	76.0	-67.9	99.9	284.0	24.4*	23.6	-5.7	429.0	999.9	99.9	999.9	107.4	110.
56.4	148.0	18053.5	74.0	-68.3	99.9	289.2	21.0*	19.8	-6.9	431.4	999.9	99.9	999.9	107.6	110.
57.1	149.0	18307.3	71.0	-67.7	99.9	291.1	27.5*	25.6	-9.4	437.8	999.9	99.9	999.9	108.8	110.
57.8	150.0	18563.0	68.0	-66.3	99.9	294.3	23.9*	21.8	-9.6	446.3	999.9	99.9	999.9	110.3	110.
58.6	151.0	18835.9	65.0	-67.1	99.9	298.8	15.0*	13.2	-7.2	450.4	999.9	99.9	999.9	110.8	111.
59.4	152.0	19127.7	62.0	-64.7	99.9	299.5	15.1*	13.1	-7.4	461.7	999.9	99.9	999.9	111.4	111.
60.3	153.0	19324.0	60.0	-62.5	99.9	300.7	17.5*	15.1	-9.1	471.0	999.9	99.9	999.9	112.6	111.
60.9	154.0	19639.8	57.0	-63.4	99.9	303.8	10.6*	8.8	-5.7	475.9	999.9	99.9	999.9	113.2	111.
61.7	155.0	19972.3	54.0	-63.0	99.9	294.3	9.7*	8.8	-4.0	484.2	999.9	99.9	999.9	113.2	111.
62.5	156.0	20205.5	52.0	-61.4	99.9	288.0	26.8*	25.5	-8.3	493.2	999.9	99.9	999.9	113.9	111.
63.3	157.0	20574.8	49.0	-60.5	99.9	276.9	18.9*	18.8	-2.3	503.8	999.9	99.9	999.9	115.9	111.
64.1	158.0	20834.1	47.0	-60.9	99.9	141.1	10.3*	-6.5	8.0	509.0	999.9	99.9	999.9	116.0	110.
65.1	159.0	20967.7	46.0	-61.2	99.9	134.7	8.6*	-6.1	6.0	511.3	999.9	99.9	999.9	114.6	110.
66.3	160.0	21386.6	43.0	-61.1	99.9	272.7	8.8*	8.8	-0.4	521.6	999.9	99.9	999.9	115.1	110.
67.4	161.0	21683.1	41.0	-60.2	99.9	292.9	14.3*	13.2	-5.6	531.0	999.9	99.9	999.9	115.5	110.
68.7	162.0	22155.7	38.0	-61.4	99.9	308.2	17.1*	13.5	-10.6	539.5	999.9	99.9	999.9	117.7	110.
69.9	163.0	22491.5	36.0	-60.9	99.9	147.6	3.6*	-1.9	3.1	549.3	999.9	99.9	999.9	117.5	111.
71.1	164.0	23031.4	33.0	-61.8	99.9	240.3	9.5*	8.3	4.7	560.8	999.9	99.9	999.9	117.6	110.
72.6	165.0	23624.2	30.0	-59.8	99.9	280.7	15.4	15.1	-2.4	581.5	999.9	99.9	999.9	118.6	110.
74.1	166.0	24055.1	28.0	-60.0	99.9	180.5	3.3	0.0	3.2	592.7	999.9	99.9	999.9	119.5	110.
75.8	167.0	24764.4	25.0	-59.0	99.9	249.9	16.3	15.3	5.1	615.1	999.9	99.9	999.9	119.4	110.
77.6	168.0	25572.5	22.0	-55.7	99.9	275.9	31.0	30.8	-3.7	647.8	999.9	99.9	999.9	122.7	109.
79.9	169.0	26504.0	19.0	-56.8	99.9	999.9	99.9	99.9	99.9	672.1	999.9	99.9	999.9	999.9	999.

STATION NO. 265  
MIDLAND, TEX.

6 FEBRUARY 1975  
2015 GMT

158 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	873.0	925.2	2.1	-3.4	15.0	3.6	-0.9	-3.5	281.9	290.4	3.2	67.0	0.0	0.
0.1	11.0	900.9	922.0	0.7	-10.9	358.8	2.1	0.0	-2.1	280.5	285.5	1.8	41.5	0.1	198.
0.6	12.0	997.0	911.0	-0.8	-9.8	356.8	2.0	0.1	-2.0	280.0	285.4	2.0	50.4	0.1	196.
0.9	13.0	1093.9	900.0	-1.7	-10.3	350.5	1.9	0.3	-1.9	280.0	285.2	1.9	51.8	0.2	192.
1.3	14.0	1191.7	889.0	-2.4	-9.3	354.7	1.5	0.1	-1.5	280.3	286.1	2.1	59.0	0.2	186.
1.6	15.0	1290.3	878.0	-3.5	-10.2	3.4	1.3	-0.1	-1.3	280.2	285.6	2.0	59.4	0.2	184.
2.1	16.0	1417.3	864.0	-4.2	-11.6	15.0	1.5	-0.4	-1.5	280.6	285.6	1.8	56.2	0.3	187.
2.4	17.0	1518.2	853.0	-5.0	-13.0	27.8	2.0	-0.8	-1.8	280.8	285.3	1.6	53.3	0.3	186.
2.8	18.0	1610.9	843.0	-4.7	-14.4	34.4	3.4	-1.9	-2.8	282.1	286.2	1.5	46.3	0.3	191.
3.2	19.0	1704.7	833.0	-5.3	-14.8	30.3	4.1	-2.1	-3.6	282.4	286.5	1.5	47.3	0.4	197.
3.5	20.0	1809.2	822.0	-5.0	-15.3	18.0	4.0	-1.2	-3.6	283.8	287.8	1.4	44.3	0.5	201.
4.0	21.0	1934.6	809.0	-4.6	-15.8	320.0	3.3	2.1	-2.5	285.5	289.5	1.4	40.8	0.6	195.
4.4	22.0	2032.4	799.0	-5.2	-16.4	302.8	4.5	3.8	-2.5	285.9	289.7	1.3	40.7	0.6	187.
4.8	23.0	2131.1	789.0	-6.2	-17.0	307.5	5.3	4.2	-3.5	285.8	289.4	1.3	42.0	0.7	177.
5.1	24.0	2240.8	778.0	-7.0	-17.6	314.2	6.0	4.3	-4.2	286.1	289.7	1.2	42.4	0.8	172.
5.5	25.0	2331.6	769.0	-7.3	-20.5	322.0	7.0	4.3	-5.6	286.7	289.5	1.0	33.6	0.9	167.
6.0	26.0	2464.4	756.0	-7.3	-24.9	323.7	9.9	5.9	-8.0	288.1	290.1	0.7	22.8	1.1	162.
6.3	27.0	2568.0	746.0	-7.9	-26.1	322.6	11.8	7.2	-9.4	288.5	290.4	0.6	21.5	1.3	159.
6.6	28.0	2662.4	737.0	-7.7	-29.0	319.5	13.5	8.8	-10.3	289.7	291.1	0.5	16.1	1.5	157.
7.0	29.0	2768.5	727.0	-8.3	-30.6	310.6	15.4	11.7	-10.0	290.2	291.4	0.4	14.6	1.9	154.
7.4	30.0	2876.1	717.0	-7.7	-30.1	305.9	17.5	14.2	-10.3	292.0	293.3	0.4	14.5	2.2	148.
7.7	31.0	2974.3	708.0	-8.0	-30.7	303.7	19.1	15.9	-10.6	292.7	294.0	0.4	14.0	2.5	145.
8.1	32.0	3084.8	698.0	-7.7	-30.9	301.3	20.9	17.9	-10.9	294.2	295.5	0.4	13.5	3.0	141.
8.5	33.0	3185.9	689.0	-7.0	-27.8	298.6	22.4	19.7	-10.7	296.1	297.9	0.6	17.1	3.5	139.
8.9	34.0	3299.8	679.0	-7.7	-25.5	294.3	23.7	21.6	-9.5	296.6	298.7	0.7	22.4	4.0	136.
9.3	35.0	3403.8	670.0	-6.4	-24.8	291.1	24.7	23.0	-8.5	299.2	301.6	0.8	21.4	4.6	133.
9.6	36.0	3533.4	659.0	-5.8	-25.4	289.8	25.3	23.8	-8.0	301.3	303.6	0.7	19.5	5.0	130.
10.1	37.0	3641.0	650.0	-6.4	-26.1	290.8	25.9	24.2	-9.5	301.8	304.0	0.7	19.0	5.7	127.
10.4	38.0	3749.8	641.0	-7.1	-26.7	292.5	26.0	24.1	-10.0	302.2	304.3	0.7	19.1	6.2	126.
10.9	39.0	3859.9	632.0	-8.0	-27.7	294.6	25.8	23.4	-10.7	302.4	304.3	0.6	18.7	7.0	125.
11.3	40.0	3971.3	623.0	-8.0	-27.4	295.2	25.3	22.9	-10.8	303.6	305.7	0.6	19.1	7.6	124.
11.8	41.0	4109.7	612.0	-8.0	-27.4	295.4	25.2	22.7	-10.8	305.2	307.3	0.7	19.1	8.3	124.
12.3	42.0	4224.7	603.0	-8.5	-27.3	295.7	25.7	23.1	-11.1	305.9	308.1	0.7	20.1	9.0	123.
12.6	43.0	4328.2	595.0	-8.9	-25.7	296.2	26.0	23.4	-11.5	306.6	309.1	0.8	24.2	9.5	122.
13.0	44.0	4445.9	586.0	-10.2	-25.4	297.3	26.5	23.5	-12.1	306.4	309.1	0.8	27.4	10.2	122.
13.4	45.0	4551.7	578.0	-10.9	-24.1	298.6	26.8	23.5	-12.3	306.8	309.8	0.9	32.7	10.8	122.
13.8	46.0	4658.6	570.0	-12.1	-23.7	299.1	27.3	23.8	-13.3	306.7	309.8	1.0	37.2	11.4	122.
14.2	47.0	4780.1	561.0	-12.9	-22.7	298.7	27.8	24.3	-13.3	307.1	310.6	1.1	43.7	12.1	122.
14.6	48.0	4889.7	553.0	-13.1	-21.9	297.6	28.0	24.8	-13.0	308.2	312.0	1.2	47.5	12.8	122.
15.0	49.0	5000.8	545.0	-12.8	-21.8	296.6	28.1	25.1	-12.0	309.8	313.7	1.2	46.7	13.4	121.
15.5	50.0	5113.6	537.0	-12.9	-22.5	297.0	28.6	25.5	-13.0	311.0	314.7	1.2	44.4	14.2	121.
16.0	51.0	5257.0	527.0	-13.1	-24.1	297.6	29.4	25.1	-13.0	312.5	315.8	1.0	38.9	15.1	121.
16.4	52.0	5388.3	518.0	-13.1	-24.0	297.3	29.5	26.2	-13.5	314.0	317.4	1.1	39.2	15.9	121.
16.9	53.0	5506.8	510.0	-13.5	-24.5	296.9	29.0	25.9	-13.1	314.9	318.2	1.0	38.7	16.7	120.
17.4	54.0	5611.8	503.0	-14.5	-25.2	297.1	28.6	25.5	-13.0	314.9	318.1	1.0	39.3	17.6	120.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
2015 GMT

158 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PPFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.7	55.0	5733.2	455.0	-15.0	-25.9	297.1	29.6	25.4	-13.0	315.7	318.7	0.9	38.6	18.1	120.
18.3	56.0	5871.8	486.0	-16.0	-26.9	297.0	28.8	25.7	-13.1	316.1	319.0	0.9	38.3	19.1	120.
18.7	57.0	5996.6	478.0	-16.8	-27.3	297.0	29.4	26.2	-13.1	316.6	319.4	0.8	38.4	19.8	120.
19.2	58.0	6107.4	471.0	-17.2	-29.1	297.4	30.1	26.7	-13.1	317.4	319.9	0.7	34.7	20.7	120.
19.6	59.0	6235.6	463.0	-18.2	-30.3	297.6	30.2	26.8	-14.0	317.8	320.0	0.7	33.5	21.4	120.
20.0	60.0	6349.1	456.0	-19.3	-31.1	297.4	29.9	26.5	-13.9	317.8	319.9	0.6	34.1	22.3	120.
20.5	61.0	6480.6	448.0	-19.9	-31.7	295.9	30.6	27.3	-13.9	318.6	320.6	0.6	34.1	23.0	120.
20.9	62.0	6597.3	441.0	-20.6	-32.8	296.1	32.7	28.9	-14.2	319.2	321.0	0.5	32.3	23.7	119.
21.3	63.0	6715.5	434.0	-21.5	-33.7	294.7	32.6	29.6	-13.0	319.4	321.2	0.5	32.3	24.6	119.
21.7	64.0	6835.2	427.0	-22.3	-34.5	292.5	31.8	29.4	-12.1	319.9	321.6	0.5	32.0	25.5	119.
22.1	65.0	6956.4	420.0	-23.3	-34.9	287.5	30.1	28.3	-10.1	320.2	321.8	0.5	31.2	26.1	119.
22.8	66.0	7114.4	411.0	-25.3	-35.7	283.8	28.6	27.8	-6.1	319.7	321.2	0.4	36.6	27.3	118.
23.4	67.0	7221.0	405.0	-26.2	-35.9	280.7	30.7	30.1	-5.7	319.8	321.3	0.4	39.2	28.3	118.
23.8	68.0	7347.0	398.0	-26.8	-37.1	280.0	33.2	32.7	-5.8	320.6	321.9	0.4	37.0	29.0	117.
24.2	69.0	7474.7	391.0	-28.1	-37.9	280.1	35.6	35.0	-6.2	320.5	321.8	0.4	38.3	29.8	117.
24.6	70.0	7604.1	384.0	-29.2	-38.5	280.5	36.9	36.3	-6.7	320.8	322.0	0.4	35.8	30.6	116.
25.0	71.0	7754.4	376.0	-29.8	-39.3	280.6	36.6	35.9	-6.7	321.8	323.0	0.3	38.8	31.7	116.
25.4	72.0	7869.9	370.0	-30.6	-39.9	280.1	35.1	34.6	-6.2	322.3	323.4	0.3	39.3	32.4	115.
25.9	73.0	8004.3	363.0	-31.8	-42.8	287.3	35.8	35.2	-6.4	322.5	323.3	0.2	32.3	33.3	115.
26.3	74.0	8121.8	357.0	-33.0	-44.4	281.3	38.9	38.1	-7.5	322.4	323.2	0.2	30.3	34.1	115.
26.7	75.0	8240.9	351.0	-33.9	-45.8	282.2	42.1	41.1	-8.9	322.7	323.4	0.2	28.4	35.1	114.
27.0	76.0	8361.4	345.0	-35.0	-47.3	282.5	44.0	43.0	-9.5	322.7	323.3	0.1	27.1	35.9	114.
27.4	77.0	8483.5	339.0	-36.1	-48.4	281.5	43.9	43.0	-8.7	322.9	323.4	0.1	26.4	37.1	114.
27.6	78.0	8607.2	333.0	-37.2	-49.1	280.9	43.9	43.1	-8.0	323.1	323.6	0.1	27.2	37.6	114.
28.0	79.0	8732.6	327.0	-38.3	-50.1	279.4	44.0	43.4	-7.1	323.2	323.6	0.1	27.5	38.3	113.
28.4	80.0	8859.6	321.0	-39.7	-50.8	278.7	45.0	44.5	-6.1	323.1	323.5	0.1	28.9	39.5	113.
28.9	81.0	9010.0	314.0	-41.0	99.9	277.6	43.7	43.3	-5.7	323.3	999.9	99.9	999.9	41.0	112.
29.3	82.0	9140.9	308.0	-42.0	99.9	276.3	40.2	39.9	-4.4	323.8	999.9	99.9	999.9	42.0	112.
29.8	83.0	9273.8	302.0	-42.9	99.9	275.0	35.8	35.7	-3.1	324.3	999.9	99.9	999.9	43.0	111.
30.3	84.0	9386.1	297.0	-44.1	99.9	276.0	34.7	34.6	-3.6	324.1	999.9	99.9	999.9	43.8	111.
30.7	85.0	9522.7	291.0	-45.1	99.9	277.5	37.1	36.8	-4.9	324.6	999.9	99.9	999.9	44.6	111.
31.2	86.0	9684.9	284.0	-46.5	99.9	278.7	41.7	41.2	-6.3	324.9	999.9	99.9	999.9	45.8	111.
31.7	87.0	9802.5	279.0	-47.6	99.9	279.1	43.6	43.0	-6.7	324.9	999.9	99.9	999.9	47.1	110.
32.1	88.0	9945.9	273.0	-48.4	99.9	279.0	41.4	40.9	-6.5	325.9	999.9	99.9	999.9	48.4	110.
32.6	89.0	10067.3	268.0	-49.4	99.9	278.2	35.9	35.5	-5.1	326.1	999.9	99.9	999.9	49.5	110.
33.0	90.0	10190.4	263.0	-50.8	99.9	277.9	33.3	33.0	-4.6	325.8	999.9	99.9	999.9	50.1	110.
33.4	91.0	10315.0	258.0	-52.0	99.9	279.5	35.1	34.6	-5.8	325.8	999.9	99.9	999.9	50.8	109.
33.8	92.0	10441.5	253.0	-53.1	99.9	281.3	37.4	36.6	-7.1	326.1	999.9	99.9	999.9	51.7	109.
34.2	93.0	10569.8	248.0	-54.3	99.9	282.9	39.5*	38.5	-8.1	326.1	999.9	99.9	999.9	52.8	109.
34.7	94.0	10700.1	243.0	-55.2	99.9	284.2	42.5*	41.2	-10.1	326.6	999.9	99.9	999.9	53.8	109.
35.1	95.0	10832.4	238.0	-56.3	99.9	284.7	45.1*	43.7	-11.5	326.9	999.9	99.9	999.9	54.7	109.
35.6	96.0	10994.0	232.0	-57.8	99.9	284.9	45.7*	44.1	-11.8	327.1	999.9	99.9	999.9	56.5	109.
36.0	97.0	11103.4	228.0	-59.0	99.9	285.1	47.8*	41.3	-11.2	326.9	999.9	99.9	999.9	57.6	109.
36.4	98.0	11242.1	223.0	-60.3	99.9	285.8	38.9*	37.4	-10.6	326.9	999.9	99.9	999.9	58.4	109.
36.8	99.0	11383.1	218.0	-61.5	99.9	296.2	36.1*	34.7	-10.1	327.2	999.9	99.9	999.9	59.4	109.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
2015 GMT

158 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DPR DEG	SPEED M/S=C	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
37.4	100.0	11497.7	214.0	-62.1	99.9	284.8	34.2*	33.0	-8.7	328.1	999.9	99.9	999.9	60.4	109.
38.0	101.0	11673.2	209.0	-63.0	99.9	281.9	35.0*	34.2	-7.2	329.4	999.9	99.9	999.9	61.9	109.
38.5	102.0	11792.6	204.0	-63.5	99.9	282.2	38.6*	37.7	-8.2	330.3	999.9	99.9	999.9	62.6	108.
39.0	103.0	11914.7	200.0	-61.5	99.9	284.2	44.6*	43.2	-11.0	335.3	999.9	99.9	999.9	63.9	108.
39.4	104.0	12040.1	196.0	-61.0	99.9	284.7	48.5*	46.9	-12.3	338.1	999.9	99.9	999.9	65.2	108.
39.8	105.0	12168.6	192.0	-60.0	99.9	284.1	50.3*	48.8	-12.3	341.8	999.9	99.9	999.9	66.4	108.
40.4	106.0	12334.4	187.0	-57.3	99.9	282.4	49.3*	48.1	-10.6	348.7	999.9	99.9	999.9	68.2	108.
40.8	107.0	12471.2	183.0	-56.8	99.9	282.1	46.0*	45.0	-9.5	351.6	999.9	99.9	999.9	69.5	108.
41.3	108.0	12611.3	179.0	-56.5	99.9	283.9	41.7*	40.4	-10.1	354.4	999.9	99.9	999.9	70.7	108.
41.8	109.0	12754.8	175.0	-56.3	99.9	288.4	40.0*	38.0	-12.7	356.9	999.9	99.9	999.9	71.9	108.
42.3	110.0	12864.5	172.0	-56.8	99.9	292.8	43.1*	39.8	-16.7	357.9	999.9	99.9	999.9	73.0	108.
42.9	111.0	13050.9	167.0	-58.0	99.9	294.0	50.0*	45.3	-21.0	359.0	999.9	99.9	999.9	74.6	108.
43.4	112.0	13203.4	163.0	-59.0	99.9	295.4	50.9*	46.0	-21.8	359.9	999.9	99.9	999.9	76.4	108.
43.9	113.0	13359.1	159.0	-59.5	99.9	295.7	46.6*	42.0	-20.2	361.6	999.9	99.9	999.9	78.1	108.
44.5	114.0	13478.2	156.0	-59.6	99.9	294.4	42.5*	38.7	-17.5	363.3	999.9	99.9	999.9	79.0	109.
45.0	115.0	13640.6	152.0	-60.0	99.9	291.7	42.9*	39.9	-15.1	365.4	999.9	99.9	999.9	80.9	109.
45.6	116.0	13806.9	148.0	-60.3	99.9	289.8	44.2*	41.6	-15.1	367.6	999.9	99.9	999.9	82.0	109.
46.1	117.0	13934.6	145.0	-60.5	99.9	290.2	45.5*	42.7	-15.7	369.4	999.9	99.9	999.9	83.6	109.
46.6	118.0	14108.4	141.0	-61.4	99.9	292.1	45.2*	41.9	-17.0	370.9	999.9	99.9	999.9	84.8	109.
47.0	119.0	14241.7	139.0	-61.9	99.9	293.9	42.6*	39.0	-17.3	372.2	999.9	99.9	999.9	86.4	109.
47.6	120.0	14377.8	135.0	-61.7	99.9	295.0	39.1*	35.4	-16.5	374.9	999.9	99.9	999.9	87.3	109.
48.0	121.0	14563.9	131.0	-62.1	99.9	295.0	40.3*	36.6	-17.0	377.5	999.9	99.9	999.9	88.4	109.
48.5	122.0	14707.3	128.0	-61.5	99.9	295.1	48.2*	43.7	-20.5	381.0	999.9	99.9	999.9	89.2	109.
49.0	123.0	14854.2	125.0	-61.7	99.9	295.3	56.0*	50.6	-23.9	383.3	999.9	99.9	999.9	91.2	109.
49.6	124.0	15004.5	122.0	-62.2	99.9	295.3	54.9*	49.6	-23.5	385.0	999.9	99.9	999.9	93.3	109.
50.2	125.0	15158.0	119.0	-63.1	99.9	295.7	45.8*	41.3	-19.8	386.1	999.9	99.9	999.9	95.3	109.
50.7	126.0	15368.2	115.0	-63.3	99.9	295.7	39.6*	34.8	-16.7	389.5	999.9	99.9	999.9	96.3	109.
51.3	127.0	15530.5	112.0	-63.9	99.9	294.8	33.9*	30.7	-14.2	391.4	999.9	99.9	999.9	97.6	109.
51.7	128.0	15696.8	109.0	-64.1	99.9	293.7	32.4*	29.7	-13.1	394.1	999.9	99.9	999.9	98.4	109.
52.3	129.0	15810.2	107.0	-64.2	99.9	290.5	32.5*	30.4	-11.1	395.9	999.9	99.9	999.9	99.4	110.
52.7	130.0	15983.9	104.0	-65.0	99.9	287.5	33.3*	31.7	-10.1	397.7	999.9	99.9	999.9	100.2	110.
53.3	131.0	16162.4	101.0	-65.0	99.9	283.6	33.5*	32.6	-7.9	401.0	999.9	99.9	999.9	101.5	109.
53.8	132.0	16345.9	98.0	-65.6	99.9	282.6	32.5*	31.8	-7.1	403.4	999.9	99.9	999.9	102.5	109.
54.3	133.0	16471.0	96.0	-66.5	99.9	283.3	32.4*	31.6	-7.4	403.9	999.9	99.9	999.9	103.4	109.
54.8	134.0	16598.4	94.0	-66.7	99.9	283.9	33.3*	32.3	-8.0	405.9	999.9	99.9	999.9	104.4	109.
55.4	135.0	16861.2	90.0	-66.9	99.9	284.1	32.8*	31.8	-8.0	410.6	999.9	99.9	999.9	105.8	109.
56.0	136.0	16996.7	88.0	-67.7	99.9	234.9	31.2*	30.1	-8.0	411.7	999.9	99.9	999.9	106.7	109.
56.7	137.0	17205.0	85.0	-68.5	99.9	285.6	33.4*	32.2	-9.0	414.1	999.9	99.9	999.9	108.1	109.
57.3	138.0	17419.9	82.0	-69.4	99.9	285.6	34.8*	33.5	-9.4	416.7	999.9	99.9	999.9	109.4	109.
57.9	139.0	17642.1	79.0	-69.8	99.9	287.0	33.3*	31.9	-9.7	420.3	999.9	99.9	999.9	110.7	109.
58.5	140.0	17794.9	77.0	-69.8	99.9	283.7	32.6*	30.9	-10.4	423.4	999.9	99.9	999.9	111.7	109.
59.2	141.0	18031.7	74.0	-69.6	99.9	289.1	33.4*	31.6	-11.0	428.7	999.9	99.9	999.9	113.2	109.
59.9	142.0	18278.3	71.0	-69.8	99.9	290.9	26.4*	24.6	-9.4	433.3	999.9	99.9	999.9	114.7	109.
60.5	143.0	18448.8	69.0	-69.2	99.9	297.4	14.5*	12.9	-6.7	439.2	999.9	99.9	999.9	115.7	109.
61.3	144.0	18625.2	67.0	-67.5	99.9	292.8	11.6*	10.7	-4.5	445.5	999.9	99.9	999.9	115.7	109.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
61.9	145.0	18901.0	64.0	-67.7	99.9	283.0	14.2*	15.8	-3.7	450.9	999.9	99.9	999.9	116.1	109.
62.7	146.0	19093.0	62.0	-65.8	99.9	279.4	19.2*	18.9	-3.1	459.4	999.9	99.9	999.9	117.2	109.
63.5	147.0	19395.0	59.0	-64.8	99.9	282.5	19.3*	18.8	-4.2	468.1	999.9	99.9	999.9	117.7	109.
64.2	148.0	19606.1	57.0	-63.5	99.9	290.7	23.5*	22.0	-8.3	475.7	999.9	99.9	999.9	118.9	109.
65.0	149.0	19825.1	55.0	-64.1	99.9	291.3	21.5*	20.0	-7.8	479.3	999.9	99.9	999.9	120.3	109.
65.7	150.0	20168.8	52.0	-63.9	99.9	276.9	17.3*	17.2	-2.1	487.5	999.9	99.9	999.9	120.9	109.
66.4	151.0	20409.2	50.0	-63.9	99.9	260.9	12.1*	11.9	1.9	493.0	999.9	99.9	999.9	121.4	109.
67.3	152.0	20660.7	48.0	-61.9	99.9	251.2	5.7*	6.4	2.2	503.5	999.9	99.9	999.9	121.9	109.
68.0	153.0	20924.2	46.0	-61.5	99.9	272.1	12.5*	12.5	-0.5	510.5	999.9	99.9	999.9	121.6	109.
68.9	154.0	21341.8	43.0	-62.1	99.9	278.9	15.8*	15.6	-2.5	519.2	999.9	99.9	999.9	122.9	109.
69.8	155.0	21636.9	41.0	-61.2	99.9	286.2	14.1*	13.6	-3.7	528.5	999.9	99.9	999.9	123.6	109.
70.8	156.0	21947.0	39.0	-61.7	99.9	288.5	18.9*	18.0	-6.3	534.8	999.9	99.9	999.9	124.9	109.
71.6	157.0	22271.9	37.0	-63.1	99.9	286.9	16.4*	15.7	-4.3	539.2	999.9	99.9	999.9	125.4	109.
72.4	158.0	22613.2	35.0	-63.9	99.9	270.2	10.3*	10.3	-0.7	545.9	999.9	99.9	999.9	126.4	109.
73.4	159.0	23165.3	32.0	-61.7	99.9	226.5	7.6*	5.5	5.3	565.9	999.9	99.9	999.9	126.7	108.
74.7	160.0	23565.2	30.0	-61.5	99.9	277.8	15.4*	15.3	-2.1	576.9	999.9	99.9	999.9	127.5	108.
75.9	161.0	23992.5	28.0	-61.9	99.9	287.9	11.7*	11.1	-3.6	587.4	999.9	99.9	999.9	128.5	108.
.2	162.0	24451.5	26.0	-61.5	99.9	276.6	23.3*	23.1	-2.7	601.0	999.9	99.9	999.9	129.7	108.
.6	163.0	24947.8	24.0	-61.4	99.9	227.0	12.1*	8.9	8.3	615.4	999.9	99.9	999.9	130.8	108.
80.1	164.0	25489.2	22.0	-60.1	99.9	263.1	18.7*	18.6	2.2	634.6	999.9	99.9	999.9	132.4	107.
81.7	165.0	26086.0	20.0	-58.6	99.9	249.8	9.8*	9.2	3.4	656.7	999.9	99.9	999.9	133.9	107.
83.6	166.0	26748.0	18.0	-58.6	99.9	281.1	39.3	38.6	-7.5	676.8	999.9	99.9	999.9	135.3	107.
85.5	167.0	27900.2	15.0	-56.2	99.9	999.9	99.9	99.9	99.9	721.2	999.9	99.9	999.9	999.9	999.

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
2315 GMT

157 22. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	873.0	923.5	5.6	-6.6	60.0	2.1	-1.8	-1.0	285.5	292.4	2.5	41.0	0.0	0.
0.1	12.0	912.8	919.0	3.8	-9.7	235.6	5.2	4.3	2.9	284.0	289.5	2.0	36.6	0.2	235.
0.4	13.0	1001.5	909.0	2.8	-9.3	235.6	5.2	4.3	2.9	283.8	289.5	2.1	40.4	0.2	235.
0.7	14.0	1090.9	899.0	1.8	-9.1	233.7	3.9	3.2	2.3	283.7	289.6	2.1	44.0	0.1	235.
1.1	15.0	1180.9	889.0	0.5	-9.4	216.4	1.5	0.9	1.2	283.3	289.1	2.1	47.4	0.0	244.
1.4	16.0	1298.9	876.0	-0.4	-9.2	130.9	1.1	-0.8	0.7	283.5	289.4	2.2	51.3	0.0	256.
1.8	17.0	1390.6	866.0	-1.4	-9.5	129.8	1.2	-0.9	0.8	283.5	289.3	2.1	53.9	0.1	278.
2.1	18.0	1483.0	856.0	-2.2	-9.7	154.7	1.0	-0.4	0.9	283.6	289.5	2.1	56.3	0.1	288.
2.4	19.0	1566.8	847.0	-3.2	-9.9	198.6	0.7	0.2	0.7	283.3	289.1	2.1	59.8	0.1	296.
2.7	20.0	1660.7	837.0	-4.0	-9.9	228.9	0.8	0.6	0.5	283.5	289.4	2.2	63.4	0.1	304.
3.0	21.0	1774.5	825.0	-5.1	-9.8	244.2	0.9	0.9	0.4	283.5	289.5	2.2	69.0	0.1	312.
3.3	22.0	1870.2	815.0	-6.0	-10.0	264.3	1.0	1.0	0.1	283.6	289.6	2.2	72.8	0.1	325.
3.7	23.0	1966.8	805.0	-6.8	-10.0	269.8	2.1	2.1	0.0	283.6	289.7	2.2	78.0	0.1	341.
4.0	24.0	2054.6	796.0	-6.6	-14.9	267.0	3.6	3.6	0.2	284.8	289.0	1.5	51.3	0.1	356.
4.4	25.0	2153.5	786.0	-6.4	-16.8	314.4	6.0	4.3	-4.2	285.9	289.6	1.3	43.4	0.2	62.
4.9	26.0	2263.8	775.0	-6.0	-21.8	333.7	9.8	4.4	-8.8	287.5	290.0	0.9	27.2	0.3	128.
5.3	27.0	2355.3	766.0	-5.7	-25.7	329.8	11.1	5.6	-9.6	288.7	290.6	0.6	18.7	0.5	138.
5.6	28.0	2447.9	757.0	-6.0	-27.1	325.0	12.0	6.9	-9.8	289.4	291.1	0.5	16.8	0.7	140.
6.0	29.0	2552.0	747.0	-5.8	-28.0	321.7	14.1	8.8	-11.1	290.7	292.2	0.5	15.4	1.1	142.
6.3	30.0	2646.8	738.0	-6.4	-28.4	317.3	16.6	11.2	-12.2	291.0	292.5	0.5	15.4	1.3	141.
6.7	31.0	2742.7	729.0	-6.6	-29.6	313.5	18.8	13.6	-12.9	291.9	293.3	0.4	13.9	1.8	139.
7.0	32.0	2839.8	720.0	-6.3	-28.3	311.2	19.6	14.7	-12.9	293.2	294.8	0.5	15.4	2.1	138.
7.4	33.0	2938.2	711.0	-6.1	-26.6	308.3	20.7	16.2	-12.8	294.5	296.3	0.6	17.8	2.6	137.
7.9	34.0	3026.7	703.0	-6.3	-28.3	305.8	22.2	18.0	-13.0	295.2	296.9	0.5	15.4	3.2	135.
8.2	35.0	3138.7	693.0	-6.7	-28.6	304.5	22.9	18.9	-13.0	296.0	297.6	0.5	15.4	3.6	134.
8.7	36.0	3252.2	683.0	-6.4	-28.4	302.3	23.5	19.9	-12.6	297.5	299.2	0.5	15.4	4.3	132.
9.1	37.0	3356.0	674.0	-5.7	-27.8	300.3	23.6	20.3	-11.9	299.5	301.3	0.6	15.4	4.9	131.
9.4	38.0	3449.7	666.0	-5.4	-24.7	293.7	23.7	20.7	-11.4	300.9	303.3	0.8	20.1	5.3	130.
9.8	39.0	3556.4	657.0	-5.5	-24.1	297.5	24.5	21.7	-11.3	301.9	304.5	0.8	21.4	5.8	129.
10.2	40.0	3652.4	649.0	-6.3	-24.0	296.9	25.6	22.8	-11.6	302.1	304.7	0.8	22.8	6.4	128.
10.7	41.0	3773.6	639.0	-7.0	-23.3	297.0	26.6	23.7	-12.1	302.6	305.5	0.9	25.7	7.2	126.
11.1	42.0	3884.3	630.0	-7.0	-23.9	297.3	26.8	23.8	-12.3	303.8	306.6	0.9	24.5	7.9	125.
11.6	43.0	3983.9	622.0	-7.3	-24.3	297.7	26.6	23.5	-12.3	304.6	307.3	0.9	24.1	8.6	125.
11.9	44.0	4084.7	614.0	-7.9	-25.8	297.6	26.4	23.4	-12.2	305.1	307.5	0.8	22.0	9.2	125.
12.2	45.0	4186.5	606.0	-8.6	-26.2	297.3	26.0	23.1	-11.9	305.4	307.7	0.7	22.5	9.6	124.
12.6	46.0	4289.3	598.0	-9.6	-27.0	296.7	25.4	22.6	-11.4	305.3	307.6	0.7	22.6	10.3	124.
13.0	47.0	4393.1	590.0	-10.5	-27.5	296.3	24.7	22.2	-10.9	305.5	307.7	0.7	23.0	10.9	123.
13.4	48.0	4498.0	582.0	-11.3	-26.0	296.7	25.1	22.4	-11.3	305.7	308.2	0.8	28.5	11.4	123.
13.8	49.0	4604.1	574.0	-12.0	-27.3	297.8	26.0	23.0	-12.1	306.1	308.4	0.7	26.7	12.0	123.
14.1	50.0	4711.3	566.0	-12.7	-22.7	298.7	26.9	23.6	-12.9	306.5	310.0	1.1	42.9	12.5	122.
14.7	51.0	4833.5	557.0	-13.5	-22.4	299.8	28.1	24.4	-14.0	307.1	310.7	1.1	46.7	13.5	122.
15.1	52.0	4943.9	549.0	-12.7	-20.8	299.9	28.3	24.5	-14.1	309.9	314.1	1.3	48.4	14.2	122.
15.5	53.0	5042.1	542.0	-11.8	-21.2	299.7	28.2	24.5	-14.0	311.6	315.7	1.3	45.3	14.9	122.
16.0	54.0	5156.0	534.0	-12.3	-22.4	299.8	28.4	24.7	-14.1	312.2	316.0	1.2	42.6	15.7	122.
16.3	55.0	5256.7	527.0	-12.9	-23.1	300.1	28.2	24.4	-14.1	312.7	316.3	1.1	41.9	16.2	122.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
2315 GMT

157 22. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.8	56.0	5387.9	518.0	-13.7	-24.1	300.8	27.2	23.4	-13.9	313.2	316.6	1.0	41.1	17.1	122.
17.2	57.0	5506.1	510.0	-14.6	-24.6	301.1	26.1	22.4	-13.5	313.6	316.9	1.0	41.8	17.7	122.
17.6	58.0	5610.8	503.0	-14.7	-26.8	300.8	25.5	21.9	-13.1	314.6	317.4	0.8	34.9	18.3	122.
18.0	59.0	5716.8	496.0	-15.3	-27.9	299.6	25.7	22.4	-12.7	315.2	317.8	0.8	32.9	18.9	122.
18.4	60.0	5824.1	489.0	-15.8	-28.2	298.1	27.0	23.8	-12.7	315.8	318.3	0.8	33.4	19.5	122.
18.8	61.0	5932.7	482.0	-16.6	-28.7	297.2	28.5	25.3	-13.0	316.1	318.5	0.7	34.0	20.2	121.
19.2	62.0	6042.4	475.0	-17.5	-29.2	296.7	29.8	26.6	-13.4	316.4	318.8	0.7	34.8	20.9	121.
19.6	63.0	6153.6	468.0	-18.0	-30.3	296.5	30.8	27.6	-13.7	317.1	319.3	0.6	32.9	21.6	121.
20.0	64.0	6249.8	462.0	-19.1	-31.1	296.2	31.5	28.2	-13.9	316.9	318.9	0.6	33.4	22.4	121.
20.4	65.0	6363.3	455.0	-19.9	-31.8	296.0	31.6	28.4	-13.8	317.2	319.2	0.6	33.4	23.1	121.
20.9	66.0	6511.3	446.0	-20.8	-32.9	295.4	31.1	28.1	-13.4	317.8	319.7	0.5	32.9	24.1	121.
21.3	67.0	6611.2	440.0	-21.8	-33.5	294.8	30.3	27.5	-12.7	317.9	319.6	0.5	33.4	24.8	120.
21.7	68.0	6746.0	432.0	-22.9	-33.7	294.1	29.6	27.0	-12.1	318.2	319.9	0.5	36.0	25.5	120.
22.2	69.0	6848.4	426.0	-24.1	-34.0	293.3	29.0	26.6	-11.5	317.9	319.6	0.5	39.1	26.4	120.
22.6	70.0	6951.7	420.0	-24.9	-34.2	293.0	28.5	26.2	-11.1	318.2	319.9	0.5	41.2	27.1	120.
23.1	71.0	7091.3	412.0	-26.1	-35.1	293.0	27.6	25.4	-10.8	318.4	320.0	0.5	41.9	28.0	120.
23.5	72.0	7197.3	406.0	-26.7	-36.1	291.0	27.4	25.7	-10.7	318.9	320.3	0.4	40.5	28.5	120.
23.9	73.0	7304.6	400.0	-27.3	-37.3	292.4	28.5	26.3	-10.8	318.8	320.2	0.4	39.3	29.2	119.
24.2	74.0	7431.4	393.0	-28.2	-39.0	291.6	29.3	27.3	-10.8	319.9	321.1	0.3	34.2	29.7	119.
24.7	75.0	7541.5	387.0	-29.4	-39.7	289.8	30.3	28.5	-10.3	319.8	320.8	0.3	35.9	30.6	119.
25.0	76.0	7653.0	381.0	-29.9	-40.0	288.6	30.4	28.9	-9.7	320.5	321.6	0.3	36.3	31.2	119.
25.4	77.0	7765.8	375.0	-31.0	-40.6	286.6	29.7	28.4	-8.5	320.5	321.6	0.3	38.0	31.9	119.
25.9	78.0	7880.1	369.0	-31.8	-41.2	284.4	28.8	27.9	-7.1	320.9	321.9	0.3	38.4	32.8	118.
26.3	79.0	7995.8	363.0	-32.6	-42.0	283.6	28.6	27.8	-6.7	321.4	322.3	0.3	38.1	33.4	118.
26.7	80.0	8113.0	357.0	-33.4	-42.7	284.0	29.0	28.1	-7.0	321.8	322.7	0.2	38.3	34.1	118.
27.2	81.0	8251.8	350.0	-34.4	-43.5	285.6	30.4	29.3	-8.2	322.4	323.2	0.2	38.4	34.9	117.
27.7	82.0	8352.3	345.0	-35.4	-44.2	286.9	32.0	30.6	-9.3	322.2	323.0	0.2	39.6	35.8	117.
28.0	83.0	8474.1	339.0	-36.7	-45.4	287.2	32.7	31.2	-9.7	322.2	322.9	0.2	39.6	36.4	117.
28.4	84.0	8597.6	333.0	-37.5	-46.1	285.7	32.0	30.8	-8.7	322.7	323.4	0.2	39.5	37.3	117.
28.9	85.0	8701.8	328.0	-38.4	-46.9	282.3	30.7	30.0	-6.5	322.9	999.9	99.9	999.9	38.2	116.
29.4	86.0	8849.8	321.0	-39.4	-47.9	279.3	31.3	30.8	-5.1	323.5	999.9	99.9	999.9	39.0	116.
29.9	87.0	8957.1	316.0	-40.4	-48.9	279.2	34.6	34.1	-5.5	323.6	999.9	99.9	999.9	39.8	116.
30.3	88.0	9087.5	310.0	-41.4	-49.9	279.8	37.4	36.8	-6.3	324.0	999.9	99.9	999.9	40.7	115.
30.7	89.0	9197.7	305.0	-42.4	-50.9	279.7	38.6	38.0	-6.5	324.1	999.9	99.9	999.9	41.7	115.
31.1	90.0	9309.2	300.0	-43.4	-51.9	278.9	37.8	37.3	-5.9	324.3	999.9	99.9	999.9	42.6	115.
31.6	91.0	9422.1	295.0	-44.1	-52.9	278.1	34.6	34.3	-4.9	324.8	999.9	99.9	999.9	43.7	114.
32.0	92.0	9536.7	290.0	-44.8	-53.9	278.6	31.8	31.4	-4.8	325.4	999.9	99.9	999.9	44.5	114.
32.4	93.0	9652.7	285.0	-46.1	-54.9	280.1	31.7	31.2	-5.5	325.1	999.9	99.9	999.9	45.1	114.
32.8	94.0	9770.1	280.0	-47.3	-55.9	280.9	34.6	34.0	-6.5	325.1	999.9	99.9	999.9	45.7	113.
33.2	95.0	9889.0	275.0	-48.2	-56.9	280.7	38.3	37.7	-7.1	325.4	999.9	99.9	999.9	46.6	113.
33.7	96.0	10033.9	269.0	-49.6	-57.9	279.2	40.9	40.4	-6.5	325.5	999.9	99.9	999.9	48.0	113.
34.1	97.0	10156.5	264.0	-50.6	-58.9	277.5	40.1	39.7	-5.2	325.7	999.9	99.9	999.9	49.0	113.
34.6	98.0	10280.9	259.0	-51.6	-59.9	275.6	37.1	37.0	-3.6	326.1	999.9	99.9	999.9	50.0	112.
34.9	99.0	10407.1	254.0	-52.7	-60.9	275.2	35.6	35.4	-3.2	326.2	999.9	99.9	999.9	50.7	112.
35.3	100.0	10509.3	250.0	-53.7	-61.9	275.3	34.0	33.9	-3.1	326.3	999.9	99.9	999.9	51.4	112.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
2315 GMT

157 22. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
35.9	101.0	10665.1	244.0	-54.8	99.9	276.3	33.1	32.9	-3.7	326.8	999.9	99.9	999.9	52.5	111.
36.3	102.0	10770.5	240.0	-56.0	99.9	277.5	33.3	33.1	-4.4	326.6	999.9	99.9	999.9	53.3	111.
36.8	103.0	10904.1	235.0	-57.0	99.9	279.1	33.5	33.1	-5.3	327.0	999.9	99.9	999.9	54.3	111.
37.2	104.0	11039.8	230.0	-58.3	99.9	280.2	33.7*	33.1	-6.0	327.2	999.9	99.9	999.9	55.1	111.
37.7	105.0	11150.1	226.0	-58.8	99.9	281.2	35.5*	34.8	-6.9	328.0	999.9	99.9	999.9	56.0	111.
38.2	106.0	11267.1	222.0	-59.3	99.9	282.2	39.8*	38.9	-8.4	328.9	999.9	99.9	999.9	57.0	110.
38.6	107.0	11375.8	218.0	-60.1	99.9	283.3	43.5*	42.4	-10.0	329.4	999.9	99.9	999.9	58.1	110.
39.0	108.0	11520.8	213.0	-59.5	99.5	284.6	45.7*	44.2	-11.5	332.5	999.9	99.9	999.9	59.3	110.
39.4	109.0	11639.7	209.0	-58.4	99.9	284.8	44.9*	43.4	-11.5	336.0	999.9	99.9	999.9	60.4	110.
39.9	110.0	11761.4	205.0	-58.1	99.9	282.9	42.7*	41.6	-9.5	338.4	999.9	99.9	999.9	61.7	110.
40.4	111.0	11917.2	200.0	-57.4	99.9	280.1	40.7*	40.1	-7.1	341.9	999.9	99.9	999.9	62.9	110.
40.8	112.0	12044.9	196.0	-57.4	99.9	279.4	40.1*	39.5	-6.5	343.9	999.9	99.9	999.9	63.9	110.
41.3	113.0	12175.0	192.0	-57.9	99.9	280.9	40.4*	39.7	-7.6	345.1	999.9	99.9	999.9	65.0	109.
41.7	114.0	12307.8	188.0	-57.7	99.9	293.3	41.6*	40.5	-9.6	347.5	999.9	99.9	999.9	66.0	109.
42.1	115.0	12443.4	184.0	-58.1	99.5	286.0	43.4*	41.7	-12.0	349.0	999.9	99.9	999.9	67.0	109.
42.8	116.0	12582.5	180.0	-56.0	99.9	289.5	47.2*	44.5	-15.7	354.6	999.9	99.9	999.9	68.9	109.
43.3	117.0	12725.8	176.0	-55.2	99.9	290.6	47.8*	44.8	-16.8	358.3	999.9	99.9	999.9	70.3	109.
43.8	118.0	12872.6	172.0	-55.0	99.9	290.7	43.6*	40.8	-15.4	360.9	999.9	99.9	999.9	72.0	109.
44.2	119.0	13022.8	168.0	-55.3	99.9	290.1	38.6*	36.3	-13.3	362.8	999.9	99.9	999.9	73.0	109.
44.7	120.0	13137.5	165.0	-56.3	99.5	288.6	35.2*	33.3	-11.2	363.0	999.9	99.9	999.9	73.8	109.
45.1	121.0	13253.8	162.0	-57.4	99.5	287.6	35.8*	34.2	-10.8	363.1	999.9	99.9	999.9	74.5	109.
45.6	122.0	13411.7	158.0	-57.7	99.9	287.2	37.5*	35.9	-11.1	365.2	999.9	99.9	999.9	75.8	109.
46.0	123.0	13532.6	155.0	-57.7	99.9	287.6	36.8*	34.9	-11.1	367.2	999.9	99.9	999.9	76.8	109.
46.5	124.0	13697.2	151.0	-58.8	99.9	288.6	36.2*	34.4	-11.5	368.1	999.9	99.9	999.9	77.8	109.
47.0	125.0	13822.9	148.0	-59.7	99.9	289.3	42.7*	40.3	-14.1	368.7	999.9	99.9	999.9	78.5	109.
47.6	126.0	13993.9	144.0	-60.6	99.9	270.5	52.7*	49.4	-18.5	370.0	999.9	99.9	999.9	80.6	109.
48.1	127.0	14169.0	140.0	-61.2	99.9	291.9	55.1*	51.1	-20.6	372.0	999.9	99.9	999.9	82.4	109.
48.7	128.0	14303.6	137.0	-61.0	99.5	293.4	49.0*	45.0	-19.5	374.6	999.9	99.9	999.9	84.4	109.
49.2	129.0	14441.1	134.0	-61.2	99.9	293.6	41.7*	38.2	-16.7	376.7	999.9	99.9	999.9	85.8	109.
49.7	130.0	14629.0	130.0	-61.9	99.9	292.6	37.2*	34.4	-14.3	378.6	999.9	99.9	999.9	86.7	109.
50.3	131.0	14773.2	127.0	-62.5	99.9	290.7	37.0*	34.6	-13.1	380.1	999.9	99.9	999.9	88.0	110.
50.9	132.0	14920.4	124.0	-63.3	99.9	289.6	36.9*	34.7	-12.4	381.3	999.9	99.9	999.9	89.5	110.
51.4	133.0	15071.0	121.0	-63.3	99.9	288.9	36.0*	34.9	-11.9	384.0	999.9	99.9	999.9	90.5	110.
51.9	134.0	15225.3	118.0	-63.3	99.5	287.8	39.0*	37.1	-12.0	386.7	999.9	99.9	999.9	91.5	110.
52.3	135.0	15383.4	115.0	-63.9	99.5	287.3	40.3*	38.4	-12.0	388.5	999.9	99.9	999.9	92.6	109.
53.0	136.0	15545.3	112.0	-64.3	99.9	287.5	37.9*	36.2	-11.4	390.7	999.9	99.9	999.9	94.4	109.
53.7	137.0	15767.7	108.0	-64.5	99.9	288.8	32.6*	30.8	-10.5	394.4	999.9	99.9	999.9	95.8	109.
54.2	138.0	15930.4	105.0	-65.7	99.9	287.3	31.1*	29.3	-10.3	395.3	999.9	99.9	999.9	96.7	109.
55.0	139.0	16114.8	102.0	-67.4	99.9	289.3	37.4*	35.3	-12.3	395.3	999.9	99.9	999.9	97.9	109.
55.7	140.0	16355.2	98.0	-68.7	99.9	288.1	40.4*	38.4	-12.5	397.3	999.9	99.9	999.9	100.0	109.
56.4	141.0	16541.2	95.0	-68.9	99.5	285.8	35.7*	34.4	-9.7	400.4	999.9	99.9	999.9	101.6	109.
57.1	142.0	16732.9	92.0	-69.6	99.5	284.8	37.2*	36.0	-9.5	402.7	999.9	99.9	999.9	102.8	109.
57.9	143.0	16929.9	89.0	-70.8	99.9	284.7	37.7*	36.5	-9.6	404.2	999.9	99.9	999.9	105.0	109.
58.6	144.0	17133.3	86.0	-70.5	99.9	285.0	31.9*	30.8	-8.3	408.7	999.9	99.9	999.9	106.4	109.
59.3	145.0	17344.4	83.0	-69.8	99.9	287.2	28.3*	27.0	-8.4	414.3	999.9	99.9	999.9	107.6	109.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 265  
MIDLAND, TEX

6 FEBRUARY 1975  
2315 GMT

157 22. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
60.3	146.0	17563.5	80.0	-70.1	99.9	289.8	31.5*	29.6	-10.6	418.2	999.9	99.9	999.9	109.2	109.
60.8	147.0	17791.2	77.0	-69.4	99.9	291.2	33.0*	30.7	-11.9	424.2	999.9	99.9	999.9	110.3	109.
61.6	148.0	18028.3	74.0	-69.6	99.9	294.9	27.5*	25.0	-11.6	428.6	999.9	99.9	999.9	111.9	109.
62.4	149.0	18275.0	71.0	-69.6	99.9	297.3	19.7*	17.5	-9.0	433.7	999.9	99.9	999.9	112.9	109.
63.2	150.0	18533.8	68.0	-67.4	99.9	290.7	24.4*	22.8	-9.6	443.9	999.9	99.9	999.9	113.7	109.
64.1	151.0	18806.7	65.0	-65.9	99.9	282.4	29.3*	28.6	-6.3	452.9	999.9	99.9	999.9	115.4	109.
65.0	152.0	19093.3	62.0	-66.3	99.9	272.4	16.6*	16.6	-0.7	458.1	999.9	99.9	999.9	117.1	109.
66.0	153.0	19291.9	60.0	-66.3	99.9	273.0	6.5*	6.5	-0.4	462.5	999.9	99.9	999.9	117.1	109.
67.0	154.0	19603.5	57.0	-65.3	99.9	293.2	22.1*	20.3	-8.7	471.6	999.9	99.9	999.9	117.7	109.
67.9	155.0	19932.7	54.0	-65.3	99.9	296.4	24.9*	22.3	-11.1	479.0	999.9	99.9	999.9	119.6	109.
68.8	156.0	20279.6	51.0	-66.5	99.9	301.5	9.9*	8.4	-5.2	484.0	999.9	99.9	999.9	120.5	109.
70.0	157.0	20520.9	49.0	-68.0	99.9	275.7	6.6*	6.6	-0.7	486.0	999.9	99.9	999.9	120.5	109.
71.1	158.0	20903.6	46.0	-64.7	99.9	285.5	23.4*	22.5	-6.3	503.0	999.9	99.9	999.9	121.5	109.
72.2	159.0	21317.0	43.0	-63.1	99.9	287.7	15.9*	15.2	-4.8	516.7	999.9	99.9	999.9	123.5	109.
73.4	160.0	21610.5	41.0	-62.5	99.9	270.9	10.5*	10.5	-0.2	525.2	999.9	99.9	999.9	123.8	109.
74.8	161.0	22078.4	38.0	-63.3	99.9	279.3	25.3*	25.0	-4.1	534.8	999.9	99.9	999.9	125.7	109.
76.0	162.0	22584.0	35.0	-63.3	99.9	286.9	10.0*	9.6	-2.9	547.5	999.9	99.9	999.9	127.2	109.
77.5	163.0	22946.6	33.0	-62.3	99.9	267.9	8.5*	8.5	0.3	559.3	999.9	99.9	999.9	127.2	109.
79.0	164.0	23536.5	30.0	-61.4	99.9	281.6	30.8*	30.1	-6.2	577.4	999.9	99.9	999.9	128.6	109.
80.7	165.0	25185.6	23.0	-61.2	99.9	277.0	25.7*	25.5	-3.1	623.5	999.9	99.9	999.9	134.0	108.
82.6	166.0	24667.4	25.0	-60.8	99.9	999.9	99.9	99.9	99.9	609.9	999.9	99.9	999.9	999.9	999.
84.3	167.0	25464.0	22.0	-60.1	99.9	999.9	99.9	99.9	99.9	634.8	999.9	99.9	999.9	999.9	999.

STATION NO. 265  
MIDLAND, TEX

7 FEBRUARY 1975  
515 GMT

147 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P. DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	873.0	923.5	-2.8	-5.6	157.0	2.6	-1.3	2.3	276.9	284.1	2.7	81.0	0.0	0.
0.2	11.0	911.8	919.0	-1.3	-8.0	163.5	13.9	-3.9	13.3	278.8	284.9	2.3	60.0	0.0	118.
0.6	12.0	1016.8	907.0	-0.6	-8.1	164.5	13.1	-3.5	12.6	280.5	286.7	2.3	56.9	0.1	350.
1.0	13.0	1114.3	896.0	-0.6	-8.2	170.2	10.0	-1.7	9.9	281.5	287.7	2.3	56.6	0.4	345.
1.4	14.0	1222.0	884.0	-1.3	-8.2	186.5	6.3	0.7	6.2	281.9	288.1	2.3	57.8	0.6	350.
1.8	15.0	1321.9	873.0	-1.0	-9.7	210.1	4.1	2.0	2.5	283.2	289.1	2.1	52.1	0.7	355.
2.2	16.0	1451.4	859.0	1.3	-13.9	245.2	2.2	2.0	0.9	286.8	291.2	1.5	31.4	0.7	1.
2.6	17.0	1555.2	848.0	1.5	-14.4	325.8	1.9	1.1	-1.6	288.0	292.3	1.5	29.6	0.7	5.
3.0	18.0	1669.8	836.0	0.8	-15.6	353.1	3.4	0.4	-3.4	288.5	292.4	1.4	28.1	0.6	4.
3.4	19.0	1766.3	826.0	0.5	-15.8	329.6	3.8	1.9	-3.3	289.2	293.1	1.3	28.1	0.6	8.
3.8	20.0	1873.7	815.0	-0.3	-16.2	309.2	4.8	3.8	-3.1	289.4	293.3	1.3	28.9	0.5	17.
4.3	21.0	2012.1	801.0	-1.1	-16.2	295.7	6.3	5.7	-1.8	290.0	293.8	1.3	29.6	0.5	37.
4.6	22.0	2112.3	791.0	-1.3	-14.2	290.3	6.9	6.4	-2.4	290.9	295.3	1.5	34.7	0.5	51.
5.0	23.0	2223.7	780.0	-2.2	-13.8	282.2	6.9	6.7	-1.4	291.1	295.9	1.7	40.4	0.6	63.
5.3	24.0	2326.0	770.0	-3.3	-13.3	280.3	7.2	7.0	-1.3	291.0	296.1	1.8	45.9	0.7	69.
5.7	25.0	2439.6	759.0	-4.4	-12.5	282.7	7.3	7.1	-1.6	291.1	296.6	1.9	53.1	0.9	74.
6.2	26.0	2575.6	746.0	-5.0	-11.4	293.8	7.9	7.2	-3.2	291.9	297.9	2.1	60.4	1.1	80.
6.6	27.0	2681.6	736.0	-5.6	-11.1	301.7	9.9	8.4	-3.2	292.3	298.6	2.2	64.8	1.2	86.
7.0	28.0	2789.0	726.0	-5.6	-14.2	303.5	14.0	11.7	-1.7	293.4	298.6	1.8	51.4	1.5	92.
7.3	29.0	2909.0	715.0	-4.5	-18.3	307.0	14.9	11.9	-3.0	295.8	299.4	1.2	31.8	1.7	98.
7.8	30.0	3030.9	704.0	-5.3	-20.4	310.5	16.6	12.6	-10.7	296.3	299.5	1.1	29.3	2.2	104.
8.2	31.0	3131.9	695.0	-5.3	-21.8	311.1	17.9	13.5	-11.8	297.3	300.3	1.0	25.9	2.5	109.
8.6	32.0	3245.6	685.0	-5.7	-20.0	310.3	19.2	14.7	-12.4	298.1	301.5	1.1	31.4	2.9	113.
9.0	33.0	3360.7	675.0	-6.2	-20.1	308.6	20.5	16.1	-12.8	298.8	302.3	1.1	32.1	3.4	115.
9.3	34.0	3477.7	665.0	-5.3	-22.2	307.4	21.3	17.0	-13.0	301.1	304.1	1.0	24.7	3.8	116.
9.8	35.0	3584.7	656.0	-5.4	-21.2	305.7	22.6	18.3	-13.2	302.1	305.4	1.1	27.5	4.4	118.
10.2	36.0	3729.4	644.0	-5.7	-20.6	304.1	23.2	19.2	-13.0	303.4	306.9	1.1	29.7	5.0	119.
10.6	37.0	3839.6	635.0	-6.5	-20.7	302.5	23.6	19.9	-13.7	303.8	307.3	1.1	31.1	5.6	119.
11.0	38.0	3963.5	625.0	-7.2	-21.4	301.1	23.5	20.1	-13.1	304.3	307.7	1.1	31.1	6.1	120.
11.5	39.0	4088.9	615.0	-8.3	-22.1	301.1	23.1	19.7	-13.9	304.5	307.8	1.1	31.8	6.8	119.
11.8	40.0	4203.3	606.0	-8.9	-21.0	302.4	22.8	19.2	-12.2	305.1	308.6	1.1	34.6	7.2	119.
12.3	41.0	4345.0	595.0	-9.6	-21.2	305.4	22.3	19.2	-12.9	305.9	309.6	1.2	38.1	7.9	120.
12.7	42.0	4463.0	586.0	-8.3	-21.2	308.4	22.0	17.3	-13.7	308.7	312.3	1.1	32.1	8.4	120.
13.1	43.0	4583.2	577.0	-8.0	-28.5	311.2	21.8	16.4	-13.4	310.4	312.4	0.6	17.3	8.9	121.
13.5	44.0	4705.3	568.0	-8.3	-29.3	313.2	21.7	15.8	-13.9	311.4	313.4	0.6	16.3	9.5	121.
14.0	45.0	4829.0	559.0	-9.4	-26.2	312.1	21.6	16.1	-13.5	311.5	314.1	0.8	24.1	10.1	122.
14.3	46.0	4940.3	551.0	-10.3	-24.4	309.6	21.9	16.9	-14.0	311.8	314.9	1.0	30.1	10.5	123.
14.6	47.0	5066.9	542.0	-11.2	-23.3	305.4	22.7	18.5	-13.2	312.2	315.6	1.0	34.9	11.1	123.
15.2	48.0	5181.1	534.0	-11.3	-24.2	302.6	23.4	19.7	-12.6	313.4	316.6	1.0	32.8	11.7	123.
15.6	49.0	5311.2	525.0	-12.4	-25.1	300.8	23.8	20.5	-12.2	313.5	316.5	0.9	32.1	12.3	123.
16.0	50.0	5429.3	517.0	-13.3	-26.7	299.7	23.9	20.7	-13.9	313.9	316.6	0.8	31.2	12.9	123.
16.5	51.0	5576.8	507.0	-14.4	-28.1	299.0	23.5	20.5	-13.4	314.3	316.7	0.7	29.9	13.5	123.
16.9	52.0	5712.4	498.0	-15.2	-28.9	298.1	22.9	20.2	-10.8	314.9	317.2	0.7	29.9	14.2	122.
17.3	53.0	5834.5	490.0	-16.3	-29.3	297.3	22.3	19.8	-10.2	315.0	317.3	0.7	31.5	14.7	122.
17.8	54.0	5958.1	482.0	-17.4	-30.7	297.5	21.8	19.4	-10.1	315.1	317.1	0.6	30.3	15.3	122.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TFX

7 FEBRUARY 1975  
515 GMT

147 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MR	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.2	55.0	6083.3	474.0	-18.4	-32.0	298.7	21.8	19.1	-10.5	315.4	317.3	0.5	28.9	15.8	122.
18.7	56.0	6226.1	465.0	-19.5	-33.5	300.2	21.9	18.9	-10.0	315.8	317.4	0.5	27.2	16.5	122.
19.1	57.0	6354.7	457.0	-20.3	-34.7	300.4	21.8	18.8	-10.0	315.7	317.2	0.4	27.3	17.0	122.
19.5	58.0	6485.0	449.0	-21.9	-35.3	299.4	21.7	18.9	-10.6	315.9	317.4	0.4	28.3	17.6	122.
20.0	59.0	6617.0	441.0	-23.0	-35.5	298.4	22.2	19.5	-10.6	316.2	317.6	0.4	30.4	18.1	122.
20.3	60.0	6734.1	434.0	-24.0	-36.0	293.4	23.0	20.2	-10.9	316.3	317.7	0.4	31.9	18.6	121.
20.8	61.0	6869.7	426.0	-24.8	-36.2	297.9	24.4	21.5	-11.4	317.0	318.4	0.4	33.6	19.3	121.
21.2	62.0	6989.9	419.0	-26.0	-37.2	296.8	25.4	22.6	-11.4	316.9	318.2	0.4	33.6	19.9	121.
21.7	63.0	7111.6	412.0	-27.2	-38.5	295.2	26.3	23.8	-11.2	316.9	318.1	0.3	33.6	20.7	121.
22.1	64.0	7252.7	404.0	-27.8	-38.9	294.4	26.9	24.5	-11.1	317.9	319.0	0.3	33.6	21.3	121.
22.5	65.0	7378.1	397.0	-28.8	-39.8	294.6	27.3	24.8	-11.3	318.2	319.3	0.3	33.3	21.9	121.
23.1	66.0	7523.4	389.0	-30.1	-41.1	296.6	27.3	24.4	-12.2	318.4	319.3	0.3	33.1	22.9	120.
23.5	67.0	7652.4	382.0	-31.4	-42.0	297.8	27.1	24.0	-12.6	318.3	319.2	0.2	34.1	23.6	120.
24.0	68.0	7783.0	375.0	-32.6	-43.2	297.4	27.5	24.4	-12.6	318.4	319.2	0.2	33.6	24.4	120.
24.5	69.0	7915.7	368.0	-33.1	-44.3	295.8	28.5	25.7	-12.4	319.4	320.1	0.2	31.4	25.2	120.
24.9	70.0	8050.6	361.0	-33.5	-45.4	294.7	28.6	26.0	-12.0	320.6	321.3	0.2	28.7	25.9	120.
25.4	71.0	8207.5	353.0	-34.9	-47.5	293.3	27.4	25.2	-10.9	320.9	321.4	0.1	25.7	26.8	120.
25.9	72.0	8347.0	346.0	-35.9	-48.4	291.5	26.2	24.4	-9.6	321.3	321.8	0.1	26.1	27.6	120.
26.4	73.0	8468.3	340.0	-36.9	-49.1	289.2	26.8	25.3	-8.8	321.6	322.1	0.1	26.5	28.3	119.
26.8	74.0	8611.9	333.0	-38.2	-50.1	287.6	27.9	26.6	-8.5	321.7	322.1	0.1	26.9	29.0	119.
27.3	75.0	8736.7	327.0	-39.4	-51.0	286.6	29.0	27.8	-8.3	321.7	322.1	0.1	27.6	29.8	119.
27.7	76.0	8863.1	321.0	-40.7	-51.9	286.5	29.7	28.4	-8.4	321.8	999.9	99.9	999.9	30.5	118.
28.2	77.0	8991.2	315.0	-42.0	-52.7	287.2	30.5	29.1	-8.0	321.6	999.9	99.9	999.9	31.4	118.
28.7	78.0	9143.0	308.0	-43.2	-53.6	288.3	30.9	29.4	-9.7	322.1	999.9	99.9	999.9	32.3	118.
29.1	79.0	9275.7	302.0	-44.3	-54.5	289.4	30.4	28.7	-10.1	322.4	999.9	99.9	999.9	33.1	118.
29.5	80.0	9409.4	296.0	-45.4	-55.4	291.0	29.2	27.3	-10.5	322.6	999.9	99.9	999.9	33.8	117.
30.1	81.0	9568.6	289.0	-46.7	-56.3	293.7	29.2	26.7	-11.7	323.0	999.9	99.9	999.9	34.7	117.
30.6	82.0	9707.4	283.0	-47.9	-57.2	294.8	30.7	27.9	-12.9	323.2	999.9	99.9	999.9	35.6	117.
31.1	83.0	9848.3	277.0	-49.3	-58.1	294.1	32.1	29.3	-13.1	323.1	999.9	99.9	999.9	36.7	117.
31.5	84.0	9967.4	272.0	-50.6	-59.0	292.5	32.6	30.1	-12.5	323.0	999.9	99.9	999.9	37.4	117.
32.1	85.0	10112.5	266.0	-51.6	-59.9	288.9	33.3	31.5	-10.8	323.5	999.9	99.9	999.9	38.6	117.
32.7	86.0	10285.0	259.0	-53.2	-60.8	284.7	33.9	32.8	-9.6	323.7	999.9	99.9	999.9	39.8	117.
33.2	87.0	10410.3	254.0	-54.0	-61.7	280.4	33.2	32.6	-9.0	324.4	999.9	99.9	999.9	40.8	116.
33.7	88.0	10563.5	248.0	-54.9	-62.6	275.8	31.7	31.5	-9.2	325.2	999.9	99.9	999.9	41.7	116.
34.3	89.0	10693.3	243.0	-56.2	-63.5	270.9	29.5	29.5	-8.5	325.1	999.9	99.9	999.9	42.7	115.
34.8	90.0	10825.1	238.0	-57.2	-64.4	267.3	27.9	27.9	-7.3	325.5	999.9	99.9	999.9	43.6	115.
35.6	91.0	10958.9	233.0	-58.6	-65.3	267.0	30.2	30.1	-6.6	325.5	999.9	99.9	999.9	44.5	114.
36.1	92.0	11122.7	227.0	-59.1	-66.2	270.5	33.8	33.8	-5.3	327.1	999.9	99.9	999.9	45.5	113.
36.5	93.0	11262.0	222.0	-60.0	-67.1	273.9	36.0	35.9	-4.4	327.8	999.9	99.9	999.9	46.4	113.
37.1	94.0	11375.6	218.0	-59.8	-68.0	279.7	39.3	37.8	-6.5	329.8	999.9	99.9	999.9	47.5	113.
37.6	95.0	11521.4	213.0	-57.4	-68.9	283.6	39.1	38.0	-9.2	335.8	999.9	99.9	999.9	48.8	112.
38.1	96.0	11702.2	207.0	-56.9	-69.8	284.9	37.5	36.3	-9.7	339.3	999.9	99.9	999.9	50.0	112.
38.7	97.0	11857.2	202.0	-56.6	-70.7	282.3	35.1	34.3	-7.5	342.2	999.9	99.9	999.9	51.3	112.
39.2	98.0	12016.6	197.0	-55.4	-71.6	280.3	36.9	36.3	-5.6	346.5	999.9	99.9	999.9	52.2	112.
39.8	99.0	12147.5	193.0	-55.1	-72.5	281.1	42.0	41.2	-4.1	349.1	999.9	99.9	999.9	53.5	111.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

7 FEBRUARY 1975  
515 GMT

147 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTN GM/KG	RH PCT	RANGE KM	AZ DG
40.2	100.0	12315.3	188.0	-54.8	99.9	282.1	42.1	41.2	-3.9	352.2	999.9	99.9	999.9	54.8	111.
40.9	101.0	12487.5	183.0	-55.3	99.9	282.4	34.9	34.1	-7.5	354.2	999.9	99.9	999.9	56.3	111.
41.4	102.0	12628.5	179.0	-55.6	99.9	281.4	30.6	30.0	-5.1	355.9	999.9	99.9	999.9	57.3	111.
42.0	103.0	12808.8	174.0	-56.1	99.9	280.8	29.6	29.1	-5.5	358.0	999.9	99.9	999.9	58.3	111.
42.5	104.0	12956.5	170.0	-56.6	99.9	281.4	33.4	32.8	-0.6	359.5	999.9	99.9	999.9	59.0	111.
43.0	105.0	13107.4	166.0	-57.2	99.9	281.7	38.8	38.0	-7.9	360.9	999.9	99.9	999.9	60.2	110.
43.5	106.0	13261.6	162.0	-57.2	99.9	280.6	41.9	41.2	-7.7	363.4	999.9	99.9	999.9	61.5	110.
44.1	107.0	13419.5	158.0	-57.9	99.9	277.4	41.1	40.8	-5.3	364.9	999.9	99.9	999.9	63.0	110.
44.5	108.0	13581.0	154.0	-58.4	99.9	275.4	39.0	38.9	-3.7	366.7	999.9	99.9	999.9	64.2	110.
45.1	109.0	13746.1	150.0	-59.5	99.9	278.3	37.0	36.6	-5.3	367.6	999.9	99.9	999.9	65.1	109.
45.6	110.0	13872.2	147.0	-60.5	99.9	283.4	37.6	36.5	-8.7	367.9	999.9	99.9	999.9	66.3	109.
46.4	111.0	14087.4	142.0	-61.3	99.9	288.4	43.9	41.7	-13.9	370.3	999.9	99.9	999.9	67.9	109.
46.9	112.0	14264.8	138.0	-61.1	99.9	290.4	48.2	45.2	-16.8	373.7	999.9	99.9	999.9	69.7	109.
47.5	113.0	14401.0	135.0	-62.2	99.9	293.2	47.7	43.9	-18.8	374.1	999.9	99.9	999.9	71.4	109.
48.0	114.0	14586.4	131.0	-63.3	99.9	294.5	44.1	40.1	-18.3	375.3	999.9	99.9	999.9	73.0	109.
48.4	115.0	14728.7	128.0	-63.5	99.9	293.3	42.0	38.6	-15.6	377.5	999.9	99.9	999.9	73.7	109.
49.0	116.0	14923.2	124.0	-64.4	99.9	289.4	37.7	35.5	-12.5	379.2	999.9	99.9	999.9	75.4	110.
49.5	117.0	15123.3	120.0	-65.2	99.9	284.1	31.8	30.8	-7.8	381.3	999.9	99.9	999.9	76.5	110.
50.1	118.0	15277.6	117.0	-65.0	99.9	276.1	27.6	27.5	-2.9	384.4	999.9	99.9	999.9	77.3	109.
50.6	119.0	15435.6	114.0	-65.8	99.9	269.8	27.7	27.7	0.1	385.8	999.9	99.9	999.9	78.1	109.
51.1	120.0	15597.3	111.0	-66.6	99.9	262.9	29.7	29.4	3.7	387.3	999.9	99.9	999.9	78.9	109.
51.7	121.0	15762.5	108.0	-67.9	99.9	263.0	31.6	31.3	3.9	388.0	999.9	99.9	999.9	79.8	109.
52.2	122.0	15932.0	105.0	-67.7	99.9	276.6	31.1	30.9	-3.6	391.5	999.9	99.9	999.9	80.7	108.
52.6	123.0	16106.1	102.0	-68.5	99.9	290.1	32.1	30.1	-11.0	393.1	999.9	99.9	999.9	81.5	108.
53.1	124.0	16284.8	99.0	-69.0	99.9	294.8	34.8	31.6	-14.6	395.7	999.9	99.9	999.9	82.4	108.
53.7	125.0	16468.7	96.0	-69.4	99.9	288.7	36.8	34.9	-11.8	398.3	999.9	99.9	999.9	83.7	108.
54.3	126.0	16658.1	93.0	-69.6	99.9	285.5	33.8	32.6	-9.1	401.5	999.9	99.9	999.9	85.2	108.
54.8	127.0	16853.4	90.0	-70.0	99.9	286.0	28.2	27.1	-7.8	404.4	999.9	99.9	999.9	86.1	108.
55.3	128.0	16987.0	88.0	-70.3	99.9	287.4	24.8	23.7	-7.4	406.6	999.9	99.9	999.9	86.9	108.
55.9	129.0	17192.4	85.0	-71.6	99.9	288.2	27.8	26.4	-8.7	407.8	999.9	99.9	999.9	87.3	108.
56.5	130.0	17403.9	82.0	-72.8	99.9	288.3	31.9	30.3	-17.0	409.6	999.9	99.9	999.9	89.1	108.
57.2	131.0	17623.1	79.0	-71.9	99.9	286.2	23.6	22.6	-5.6	416.0	999.9	99.9	999.9	90.1	108.
57.9	132.0	17775.1	77.0	-69.8	99.9	275.1	13.8	13.7	-1.2	423.3	999.9	99.9	999.9	91.0	108.
58.6	133.0	17931.9	75.0	-69.6	99.9	273.5	17.0	17.0	-1.0	427.0	999.9	99.9	999.9	91.0	108.
59.1	134.0	18092.9	73.0	-70.0	99.9	278.4	24.2	23.9	-3.5	429.4	999.9	99.9	999.9	91.8	108.
59.7	135.0	18342.9	70.0	-69.4	99.9	282.3	27.7	27.0	-5.9	436.0	999.9	99.9	999.9	92.9	108.
60.4	136.0	18515.8	68.0	-69.8	99.9	290.0	27.1	25.5	-9.3	438.6	999.9	99.9	999.9	94.0	108.
61.1	137.0	18785.2	65.0	-68.7	99.9	295.6	26.6	23.9	-11.5	446.7	999.9	99.9	999.9	95.2	108.
61.9	138.0	18972.4	63.0	-68.5	99.9	297.1	23.6	21.0	-10.7	451.2	999.9	99.9	999.9	96.3	108.
62.6	139.0	19265.3	60.0	-67.9	99.9	301.0	17.4	15.0	-9.0	459.0	999.9	99.9	999.9	97.5	108.
63.4	140.0	19469.8	58.0	-66.6	99.9	306.5	11.9	9.6	-7.1	466.3	999.9	99.9	999.9	97.9	108.
64.2	141.0	19683.3	56.0	-64.2	99.9	312.4	6.9	5.1	-4.7	476.4	999.9	99.9	999.9	98.3	108.
65.0	142.0	20020.2	53.0	-64.2	99.9	275.4	8.8	8.8	-0.8	484.0	999.9	99.9	999.9	98.9	109.
65.6	143.0	20254.5	51.0	-66.2	99.9	256.5	11.1	10.8	2.6	484.7	999.9	99.9	999.9	98.9	108.
66.2	144.0	20496.8	49.0	-66.4	99.9	251.3	13.6	12.9	4.4	489.8	999.9	99.9	999.9	99.4	108.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

7 FEBRUARY 1975  
515 GMT

147 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.1	145.0	20749.3	47.0	-66.2	99.9	258.1	16.9	16.5	3.5	496.1	999.9	99.9	999.9	99.8	108.
68.1	146.0	21014.0	45.0	-64.4	99.9	271.3	22.3	22.3	-0.5	506.7	999.9	99.9	999.9	101.0	108.
69.1	147.0	21291.9	43.0	-64.4	99.9	280.9	22.4	22.0	-4.2	513.3	999.9	99.9	999.9	102.4	108.
70.0	148.0	21584.3	41.0	-62.7	99.9	286.1	15.0	14.4	-4.2	524.6	999.9	99.9	999.9	103.8	108.
71.0	149.0	21893.4	39.0	-61.6	99.9	267.1	8.2	8.2	0.4	535.0	999.9	99.9	999.9	104.3	108.
71.9	150.0	22218.8	37.0	-62.5	99.9	265.7	8.7	8.7	0.6	540.8	999.9	99.9	999.9	104.3	107.
72.9	151.0	22561.1	35.0	-63.3	99.9	275.6	11.1	11.1	-1.1	547.5	999.9	99.9	999.9	105.0	107.
74.0	152.0	22925.1	33.0	-60.5	99.9	268.0	8.8	8.8	0.3	564.1	999.9	99.9	999.9	105.6	107.
75.3	153.0	23116.5	32.0	-61.1	99.9	279.3	15.2	15.0	-2.5	567.6	999.9	99.9	999.9	106.6	107.
76.5	154.0	23516.3	30.0	-62.4	99.9	287.0	10.9	10.4	-3.2	574.7	999.9	99.9	999.9	107.4	107.
77.7	155.0	23940.9	28.0	-63.7	99.9	999.9	99.9	99.9	99.9	582.5	999.9	99.9	999.9	999.9	999.
78.9	156.0	24397.1	26.0	-62.4	99.9	999.9	99.9	99.9	99.9	598.7	999.9	99.9	999.9	999.9	999.

STATION NO. 265  
MIDLAND, TEX

7 FEBRUARY 1975  
1115 GMT

150 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DFW CT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	873.0	920.8	-3.3	-5.9	180.0	3.6	0.0	3.6	276.6	283.6	2.7	82.0	0.0	0.
0.1	11.0	888.5	919.0	-2.8	-7.9	196.5	10.4	2.9	10.0	277.3	283.3	2.3	67.6	0.3	9.
0.4	12.0	993.4	907.0	0.4	-5.5	196.5	10.4	2.9	0.0	281.7	289.2	2.8	64.6	0.3	9.
0.8	13.0	1100.3	895.0	0.6	-6.4	198.3	12.1	3.8	1.5	282.9	290.0	2.6	59.5	0.4	12.
1.3	14.0	1208.9	883.0	2.0	-15.0	199.8	13.6	4.6	12.8	285.3	289.2	1.3	26.9	0.9	16.
1.6	15.0	1310.2	872.0	2.7	-15.4	199.5	13.1	4.4	12.3	287.1	290.9	1.3	24.8	1.1	17.
2.1	16.0	1450.3	857.0	1.9	-18.1	196.9	9.1	2.7	8.7	287.6	290.7	1.1	20.9	1.4	17.
2.5	17.0	1554.3	846.0	1.4	-16.9	198.6	6.7	2.2	6.4	288.1	291.6	1.2	24.0	1.6	17.
2.9	18.0	1659.7	835.0	1.4	-12.7	218.3	6.6	4.1	5.2	289.3	294.2	1.7	34.1	1.8	17.
3.2	19.0	1776.2	823.0	1.1	-8.9	235.4	6.4	5.3	3.7	290.2	296.9	2.4	47.2	1.9	19.
3.6	20.0	1884.4	812.0	1.4	-12.9	260.5	6.4	6.3	1.1	291.6	296.6	1.7	33.5	2.0	23.
4.1	21.0	2014.4	799.0	1.6	-14.9	295.4	6.7	6.1	-2.9	293.1	297.5	1.5	28.1	2.1	28.
4.5	22.0	2136.3	787.0	1.9	-18.9	312.5	8.8	6.5	-6.0	294.7	297.9	1.1	19.5	2.1	33.
5.0	23.0	2239.4	777.0	1.7	-18.8	307.2	9.8	7.8	-5.9	295.6	298.9	1.1	20.0	2.0	42.
5.4	24.0	2354.1	766.0	1.2	-19.5	296.2	9.7	8.7	-4.3	296.2	299.5	1.1	19.6	2.1	48.
5.8	25.0	2459.7	756.0	0.7	-17.9	298.2	10.8	9.5	-5.1	296.8	300.5	1.2	23.2	2.2	53.
6.2	26.0	2598.8	743.0	0.1	-17.0	299.9	12.4	10.7	-6.2	297.6	301.7	1.4	26.2	2.3	60.
6.7	27.0	2718.3	732.0	0.4	-16.7	297.2	14.2	12.6	-6.5	299.2	303.5	1.4	26.2	2.5	68.
7.1	28.0	2828.7	722.0	0.6	-16.6	295.1	15.2	13.7	-6.4	300.6	305.0	1.4	26.2	2.8	73.
7.5	29.0	2940.6	712.0	0.4	-15.9	295.2	15.9	14.4	-6.7	301.6	306.3	1.6	28.1	3.0	78.
7.9	30.0	3053.8	702.0	-0.6	-16.0	294.7	16.5	15.0	-6.9	301.8	306.5	1.6	30.0	3.4	82.
8.3	31.0	3168.3	692.0	-1.5	-16.5	293.4	17.2	15.8	-6.9	302.0	306.6	1.5	30.8	3.7	85.
8.7	32.0	3284.1	682.0	-2.0	-16.9	291.3	18.2	16.9	-6.6	302.7	307.2	1.5	30.8	4.1	88.
9.1	33.0	3401.3	672.0	-3.0	-17.7	288.7	19.3	18.3	-6.2	302.9	307.2	1.4	30.8	4.5	90.
9.5	34.0	3519.9	662.0	-3.7	-18.0	286.2	20.4	19.6	-5.7	303.3	307.6	1.4	31.8	5.0	92.
9.9	35.0	3640.0	652.0	-4.2	-17.5	284.9	20.9	20.2	-5.4	304.1	308.6	1.5	34.4	5.5	93.
10.4	36.0	3774.0	641.0	-4.8	-17.9	283.9	21.0	20.4	-5.0	304.9	309.4	1.5	35.0	6.1	94.
10.8	37.0	3897.5	631.0	-5.6	-18.4	283.9	20.7	20.1	-5.0	305.4	309.8	1.4	35.6	6.6	95.
11.2	38.0	4010.2	622.0	-5.7	-18.8	284.7	20.1	19.5	-5.1	306.5	310.8	1.4	34.7	7.1	95.
11.6	39.0	4137.3	612.0	-5.3	-19.0	286.4	19.5	18.7	-5.5	308.4	312.7	1.4	32.8	7.5	96.
12.0	40.0	4253.6	603.0	-5.6	-19.1	288.7	18.7	17.7	-6.0	309.4	313.8	1.4	33.5	8.1	97.
12.5	41.0	4367.7	592.0	-6.9	-20.2	290.3	18.2	17.1	-6.3	309.4	312.5	1.3	33.8	8.5	98.
13.0	42.0	4517.0	583.0	-8.0	-21.2	289.7	18.8	17.7	-6.3	309.5	313.4	1.2	33.5	9.0	98.
13.4	43.0	4637.7	574.0	-8.9	-21.7	288.8	19.6	18.5	-6.3	309.9	313.6	1.2	34.4	9.5	99.
13.9	44.0	4759.9	565.0	-10.0	-21.9	289.0	20.3	19.2	-6.6	309.9	313.6	1.2	36.9	10.1	99.
14.2	45.0	4883.5	556.0	-10.9	-21.5	290.0	20.6	19.3	-7.1	310.3	314.2	1.2	41.1	10.5	100.
14.7	46.0	5008.7	547.0	-12.0	-22.0	292.9	20.8	19.2	-8.1	310.4	314.2	1.2	42.9	11.1	100.
15.1	47.0	5149.8	537.0	-12.6	-22.3	295.5	20.8	18.8	-8.9	311.4	315.2	1.2	44.0	11.6	101.
15.6	49.0	5264.3	529.0	-13.2	-24.0	297.6	20.5	18.2	-9.5	312.0	315.4	1.0	39.7	12.2	102.
16.0	49.0	5354.8	520.0	-14.1	-24.3	297.7	20.2	17.9	-9.4	312.4	315.7	1.0	41.7	12.7	103.
16.4	50.0	5512.3	512.0	-15.0	-25.0	295.4	20.2	18.2	-8.7	312.7	315.9	1.0	41.8	13.1	103.
17.0	51.0	5661.2	502.0	-16.2	-26.0	291.2	21.6	20.2	-7.8	313.0	315.9	0.9	42.3	13.8	104.
17.4	52.0	5797.3	493.0	-16.8	-26.0	289.9	23.2	21.8	-7.9	313.9	316.9	0.9	44.3	14.3	104.
17.9	53.0	5920.0	485.0	-17.5	-26.4	290.5	24.0	22.5	-8.4	314.5	317.5	0.9	45.4	15.1	104.
18.2	54.0	6044.6	477.0	-17.7	-28.5	291.8	24.0	22.3	-8.9	315.7	318.2	0.8	38.1	15.6	104.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TFX

7 FEBRUARY 1975  
1115 GMT

150 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.7	55.0	6170.9	469.0	-18.7	-30.3	294.5	23.4	21.3	-9.7	316.0	318.2	0.6	34.8	16.2	105.
19.2	56.0	6331.3	459.0	-19.8	-31.7	296.7	22.9	20.5	-10.3	316.6	318.6	0.6	33.4	16.9	105.
19.7	57.0	6461.6	451.0	-20.7	-32.5	297.9	22.9	20.2	-10.7	317.0	318.9	0.5	33.4	17.6	106.
20.1	58.0	6577.1	444.0	-21.8	-33.3	298.4	23.3	20.5	-11.1	317.1	318.9	0.5	34.0	18.0	106.
20.6	59.0	6710.7	436.0	-23.0	-34.6	299.5	23.3	20.5	-11.1	317.2	318.8	0.5	33.4	18.9	106.
21.0	60.0	6846.2	428.0	-23.9	-35.8	299.3	22.6	19.9	-10.7	317.7	319.2	0.4	32.0	19.4	107.
21.5	61.0	6966.5	421.0	-24.4	-36.8	295.8	22.4	20.1	-9.7	318.5	319.9	0.4	30.5	19.9	107.
22.0	62.0	7088.4	414.0	-25.6	-37.8	292.6	23.3	21.5	-8.9	319.5	319.8	0.3	30.5	20.7	107.
22.4	63.0	7229.6	406.0	-26.5	-38.6	291.3	23.9	22.2	-8.7	319.1	320.3	0.3	30.6	21.3	107.
22.8	64.0	7355.0	399.0	-27.6	-39.6	291.2	24.0	22.3	-8.7	319.4	320.4	0.3	30.6	21.8	108.
23.2	65.0	7482.0	392.0	-28.9	-41.2	291.6	23.7	22.0	-8.7	319.3	320.2	0.3	29.1	22.4	108.
23.7	66.0	7647.9	383.0	-29.8	-42.4	292.1	22.9	21.3	-8.6	320.2	321.0	0.2	27.8	23.1	108.
24.1	67.0	7779.2	376.0	-30.7	-45.5	292.4	22.4	20.7	-8.5	320.7	321.3	0.2	21.5	23.6	108.
24.5	68.0	7912.3	369.0	-31.9	-46.7	292.6	22.0	20.3	-8.4	320.8	321.4	0.2	21.2	24.2	108.
24.9	69.0	8027.9	363.0	-33.1	-47.8	292.9	21.6	19.9	-8.4	320.8	321.3	0.1	20.9	24.7	108.
25.3	70.0	8164.5	356.0	-34.4	-48.9	293.5	21.3	19.5	-8.5	320.8	321.2	0.1	21.0	25.2	108.
25.8	71.0	8323.0	348.0	-35.9	-50.1	294.4	21.0	19.2	-8.7	320.7	321.1	0.1	21.5	25.9	108.
26.2	72.0	8443.5	342.0	-37.1	-50.8	295.5	21.1	19.0	-9.1	320.7	321.1	0.1	22.4	26.3	108.
26.7	73.0	8586.1	335.0	-38.5	-51.6	298.3	21.2	18.7	-10.1	320.8	321.2	0.1	23.3	27.0	109.
27.0	74.0	8709.9	329.0	-39.9	-52.7	300.7	21.3	18.3	-10.9	320.4	320.8	0.1	23.8	27.4	109.
27.3	75.0	8835.4	323.0	-40.9	-55.9	304.0	21.9	18.1	-12.2	320.9	320.9	99.9	99.9	27.7	109.
27.8	76.0	8984.1	316.0	-42.1	-59.9	308.3	23.1	18.1	-14.3	321.2	321.2	99.9	99.9	28.3	109.
28.2	77.0	9113.7	310.0	-42.8	-59.9	310.2	23.8	18.2	-15.4	322.1	322.1	99.9	99.9	28.9	110.
28.7	78.0	9245.2	304.0	-43.9	-59.9	310.5	23.7	18.0	-15.4	322.3	322.3	99.9	99.9	29.6	110.
29.1	79.0	9378.8	298.0	-45.0	-59.9	309.1	23.4	18.1	-14.7	322.6	322.6	99.9	99.9	30.1	111.
29.6	80.0	9514.4	292.0	-46.1	-59.9	305.3	24.2	19.8	-14.0	322.9	322.9	99.9	99.9	30.7	111.
30.1	81.0	9675.4	285.0	-47.2	-59.9	301.3	26.1	22.3	-13.6	323.5	323.5	99.9	99.9	31.5	111.
30.6	82.0	9792.2	280.0	-48.4	-59.9	298.3	27.1	23.8	-12.8	323.5	323.5	99.9	99.9	32.3	112.
31.0	83.0	9934.5	274.0	-49.2	-59.9	296.4	27.1	24.7	-12.0	324.3	324.3	99.9	99.9	33.0	112.
31.4	84.0	10055.0	269.0	-50.6	-59.9	294.7	27.7	25.1	-11.6	324.0	324.0	99.9	99.9	33.6	112.
31.9	85.0	10201.6	263.0	-51.8	-59.9	292.7	23.9	26.7	-11.2	324.4	324.4	99.9	99.9	34.4	112.
32.4	86.0	10376.0	256.0	-53.3	-59.9	290.1	29.2	27.4	-10.0	324.7	324.7	99.9	99.9	35.4	112.
32.9	87.0	10502.7	251.0	-54.2	-59.9	286.9	29.9	27.6	-8.4	325.1	325.1	99.9	99.9	36.2	112.
33.3	88.0	10631.5	246.0	-55.1	-59.9	285.3	30.0	28.9	-7.9	325.6	325.6	99.9	99.9	36.8	112.
33.9	89.0	10762.3	241.0	-56.1	-59.9	284.4	32.9	31.9	-8.2	326.1	326.1	99.9	99.9	37.9	111.
34.3	90.0	10895.3	236.0	-57.2	-59.9	283.5	33.9	33.0	-7.9	326.3	326.3	99.9	99.9	38.8	111.
34.7	91.0	11030.5	231.0	-58.1	-59.9	282.5	34.1	33.3	-7.4	327.1	327.1	99.9	99.9	39.7	111.
35.1	92.0	11168.2	226.0	-58.4	-59.9	282.1	33.9	33.2	-7.1	328.6	328.6	99.9	99.9	40.4	111.
35.6	93.0	11309.0	221.0	-58.4	-59.9	283.4	33.8	32.8	-7.8	330.7	330.7	99.9	99.9	41.4	111.
36.0	94.0	11453.2	216.0	-57.6	-59.9	285.2	33.0	31.8	-8.6	334.2	334.2	99.9	99.9	42.4	111.
36.5	95.0	11571.4	212.0	-56.9	-59.9	285.4	31.1	30.0	-8.3	337.0	337.0	99.9	99.9	43.2	110.
37.1	96.0	11753.6	206.0	-56.1	-59.9	282.6	31.4	30.7	-6.8	341.1	341.1	99.9	99.9	44.3	110.
37.6	97.0	11878.3	202.0	-56.1	-59.9	280.5	33.8	33.2	-6.1	343.0	343.0	99.9	99.9	45.2	110.
38.0	98.0	12037.4	197.0	-56.7	-59.9	279.4	36.3	35.8	-5.9	344.4	344.4	99.9	99.9	46.1	110.
38.4	99.0	12167.6	193.0	-56.3	-59.9	278.3	38.1	37.7	-5.5	347.2	347.2	99.9	99.9	46.9	110.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

7 FEBRUARY 1975  
1115 GMT

150 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.9	100.0	12334.7	188.0	-55.3	99.9	277.0	38.2	37.9	-4.7	351.4	999.9	99.9	999.9	48.2	109.
39.5	101.0	12506.8	183.0	-55.1	99.9	276.9	35.6	35.3	-4.3	354.3	999.9	99.9	999.9	49.4	109.
40.0	102.0	12647.9	179.0	-55.1	99.9	277.9	34.7	34.4	-4.8	356.6	999.9	99.9	999.9	50.4	109.
40.5	103.0	12792.3	175.0	-55.0	99.9	278.4	37.2	36.8	-5.4	359.2	999.9	99.9	999.9	51.4	109.
41.0	104.0	12939.8	171.0	-55.6	99.9	278.5	40.9	40.4	-6.0	360.5	999.9	99.9	999.9	52.5	108.
41.4	105.0	13090.5	167.0	-56.1	99.9	278.5	41.8	41.4	-6.2	362.1	999.9	99.9	999.9	53.7	108.
42.0	106.0	13244.4	163.0	-56.7	99.9	277.2	40.9	40.6	-5.1	363.6	999.9	99.9	999.9	55.1	108.
42.4	107.0	13401.7	159.0	-57.2	99.9	274.2	40.3	40.2	-2.9	365.4	999.9	99.9	999.9	56.1	108.
42.9	108.0	13562.7	155.0	-57.6	99.9	270.7	40.6	40.6	-0.5	367.5	999.9	99.9	999.9	57.2	107.
43.4	109.0	13686.0	152.0	-58.1	99.9	270.2	41.4	41.4	-0.2	368.7	999.9	99.9	999.9	58.3	107.
43.8	110.0	13853.8	148.0	-58.6	99.9	272.0	42.0	42.0	-1.5	370.6	999.9	99.9	999.9	59.3	107.
44.4	111.0	14026.0	144.0	-58.7	99.9	276.0	42.4	42.2	-4.4	373.3	999.9	99.9	999.9	60.8	106.
44.8	112.0	14202.6	140.0	-59.6	99.9	278.7	43.6	43.1	-6.6	374.8	999.9	99.9	999.9	61.9	106.
45.4	113.0	14337.7	137.0	-60.8	99.9	282.0	48.6	47.5	-10.1	375.0	999.9	99.9	999.9	63.3	106.
45.9	114.0	14475.1	134.0	-61.8	99.9	283.7	51.1	49.7	-12.1	375.5	999.9	99.9	999.9	64.9	106.
46.3	115.0	14662.4	130.0	-62.4	99.9	284.6	47.0	45.4	-11.9	377.8	999.9	99.9	999.9	66.5	106.
47.0	116.0	14854.9	126.0	-63.5	99.9	286.0	35.5	34.2	-9.8	379.2	999.9	99.9	999.9	68.0	106.
47.5	117.0	15002.7	123.0	-64.0	99.9	287.0	36.0	34.4	-10.5	380.8	999.9	99.9	999.9	68.7	106.
47.9	118.0	15154.1	120.0	-63.8	99.9	287.8	38.5	36.6	-1.7	383.9	999.9	99.9	999.9	69.9	106.
48.4	119.0	15309.3	117.0	-63.8	99.9	288.0	37.8	36.0	-1.7	386.7	999.9	99.9	999.9	71.3	106.
48.9	120.0	15468.3	114.0	-64.6	99.9	287.3	35.6	34.0	-10.6	388.2	999.9	99.9	999.9	72.2	106.
49.3	121.0	15630.8	111.0	-65.5	99.9	286.4	34.4	33.0	-9.7	389.3	999.9	99.9	999.9	72.9	106.
49.7	122.0	15757.4	108.0	-65.7	99.9	285.0	32.8	31.7	-8.5	392.0	999.9	99.9	999.9	73.9	106.
50.1	123.0	15910.8	106.0	-66.1	99.9	283.0	31.0	30.2	-7.0	393.4	999.9	99.9	999.9	74.8	106.
50.5	124.0	16084.5	103.0	-67.3	99.9	280.7	29.8	29.3	-5.5	394.4	999.9	99.9	999.9	75.1	106.
50.9	125.0	16262.2	100.0	-68.5	99.9	280.9	31.3	30.7	-5.9	395.4	999.9	99.9	999.9	75.9	106.
51.3	126.0	16444.5	97.0	-68.9	99.9	282.6	32.0	31.2	-7.0	398.0	999.9	99.9	999.9	76.8	106.
51.7	127.0	16632.6	94.0	-68.7	99.9	284.9	31.5	30.4	-8.1	402.0	999.9	99.9	999.9	77.6	106.
52.1	128.0	16761.1	92.0	-69.6	99.9	287.2	29.9	28.6	-8.8	402.8	999.9	99.9	999.9	78.3	106.
52.6	129.0	16958.9	89.0	-69.4	99.9	288.9	28.2	26.7	-9.1	407.1	999.9	99.9	999.9	79.2	106.
53.1	130.0	17094.5	87.0	-69.4	99.9	283.7	27.4	26.0	-8.8	409.7	999.9	99.9	999.9	80.0	106.
53.8	131.0	17374.9	83.0	-70.2	99.9	286.9	24.6	23.5	-7.1	413.5	999.9	99.9	999.9	81.2	106.
54.3	132.0	17519.7	81.0	-70.9	99.9	286.1	21.1	20.3	-5.9	415.1	999.9	99.9	999.9	81.9	106.
54.8	133.0	17667.8	79.0	-70.9	99.9	285.7	19.8	19.1	-5.4	418.1	999.9	99.9	999.9	82.3	106.
55.3	134.0	17896.7	76.0	-71.8	99.9	284.6	21.3	20.6	-5.4	420.9	999.9	99.9	999.9	82.9	106.
55.8	135.0	18054.4	74.0	-70.6	99.9	282.7	23.1	22.6	-5.1	426.4	999.9	99.9	999.9	83.7	106.
56.5	136.0	18217.4	72.0	-69.6	99.9	280.8	26.1	25.7	-4.9	432.1	999.9	99.9	999.9	84.5	106.
57.1	137.0	18471.7	69.0	-68.7	99.9	281.1	26.5	26.0	-5.1	439.2	999.9	99.9	999.9	85.7	106.
57.8	138.0	18738.0	66.0	-68.5	99.9	282.7	19.6	19.1	-4.3	445.2	999.9	99.9	999.9	86.9	106.
58.6	139.0	18922.0	64.0	-69.6	99.9	288.4	18.5	17.6	-5.9	446.9	999.9	99.9	999.9	87.2	106.
59.2	140.0	19208.1	61.0	-69.8	99.9	290.1	21.7	20.4	-7.5	452.6	999.9	99.9	999.9	88.3	106.
60.0	141.0	19406.8	59.0	-69.6	99.9	283.4	18.4	17.4	-5.8	457.4	999.9	99.9	999.9	89.3	106.
60.7	142.0	19718.5	56.0	-68.9	99.9	284.7	16.6	16.0	-4.2	465.7	999.9	99.9	999.9	89.9	106.
61.4	143.0	19936.5	54.0	-68.1	99.9	280.9	18.7	18.4	-3.5	472.5	999.9	99.9	999.9	90.5	106.
62.2	144.0	20280.3	51.0	-67.5	99.9	275.6	16.6	16.5	-1.6	481.7	999.9	99.9	999.9	91.8	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 265  
MIDLAND, TEX

7 FEBRUARY 1975  
1115 GMT

150 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PPFS MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
63.0	145.0	20522.4	49.0	-65.5	99.9	256.2	7.2	7.0	1.7	491.9	999.9	99.9	999.9	92.2	106.
64.0	146.0	20776.3	47.0	-64.8	99.9	283.1	19.0	18.5	-4.3	499.7	999.9	99.9	999.9	92.5	106.
65.0	147.0	21180.0	44.0	-63.6	99.9	295.0	15.8	14.3	-6.7	511.9	999.9	99.9	999.9	94.4	106.
66.1	148.0	21465.8	42.0	-63.3	99.9	301.4	8.4	7.2	-4.4	519.7	999.9	99.9	999.9	94.7	106.
67.1	149.0	21765.4	40.0	-63.6	99.9	286.6	10.0	9.6	-2.8	526.1	999.9	99.9	999.9	95.3	106.
68.1	150.0	22080.6	38.0	-63.1	99.9	285.8	10.2	9.8	-2.8	535.2	999.9	99.9	999.9	95.9	106.
69.3	151.0	22587.5	35.0	-62.4	99.9	285.8	15.4	14.8	-4.2	549.9	999.9	99.9	999.9	96.6	106.
70.5	152.0	22949.7	33.0	-63.6	99.9	285.8	12.8	12.3	-3.5	555.8	999.9	99.9	999.9	97.5	106.
71.8	153.0	23333.9	31.0	-63.1	99.9	285.4	16.2	15.6	-4.3	567.3	999.9	99.9	999.9	98.7	106.
73.3	154.0	23962.1	28.0	-61.8	99.9	279.2	15.3	15.1	-2.5	587.6	999.9	99.9	999.9	100.4	106.
75.0	155.0	24420.6	26.0	-62.0	99.9	293.1	8.7	7.7	-4.1	599.7	999.9	99.9	999.9	101.3	106.
76.6	156.0	25179.9	23.0	-61.5	99.9	285.8	19.6	18.9	-5.3	622.6	999.9	99.9	999.9	103.0	106.
79.0	157.0	25746.0	21.0	-59.9	99.9	286.3	22.8	21.9	-6.4	643.8	999.9	99.9	999.9	105.2	106.
81.1	158.0	26708.5	18.0	-60.1	99.9	280.1	7.8	7.7	-1.4	672.3	999.9	99.9	999.9	107.4	106.
84.0	159.0	27449.4	16.0	-56.7	99.9	999.9	99.9	99.9	-9.9	706.2	999.9	99.9	999.9	999.9	999.

STATION NO. 304  
HATTERAS, NC

5 FEBRUARY 1975  
2315 GMT

137 81. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	4.0	1011.8	8.8	7.3	300.0	2.6	2.3	-1.3	281.8	298.0	6.3	90.0	0.0	0.
0.4	5.0	92.8	1001.0	7.8	7.8	240.3	13.2	11.4	6.5	281.8	298.7	6.7	101.7	0.1	89.
0.7	6.0	201.1	988.0	8.9	8.9	240.8	14.0	12.2	5.8	284.0	302.6	7.3	101.8	0.3	72.
1.0	7.0	294.7	977.0	12.8	12.8	241.4	15.2	13.3	7.3	289.1	313.8	9.6	101.2	0.5	66.
1.3	8.0	390.2	96.0	13.4	13.4	242.4	15.7	13.9	7.3	290.7	316.8	10.1	101.3	0.8	65.
1.6	9.0	486.9	955.0	13.4	13.4	244.0	15.9	14.3	7.0	291.7	318.1	10.2	102.5	1.1	64.
1.9	10.0	575.7	945.0	12.8	12.8	247.3	15.7	14.5	6.1	291.9	317.7	9.9	102.4	1.4	64.
2.3	11.0	692.4	932.0	12.6	12.6	252.5	16.9	16.1	5.1	292.9	318.8	9.9	102.4	1.7	66.
2.6	12.0	792.3	921.0	12.1	12.1	255.1	18.0	17.4	4.6	293.3	318.6	9.7	102.3	2.1	67.
2.8	13.0	883.9	911.0	11.7	11.7	255.4	18.5	17.9	4.7	293.8	318.8	9.5	102.2	2.3	68.
3.2	14.0	976.5	901.0	11.5	11.5	255.1	19.8	19.1	5.1	294.5	319.6	9.5	102.2	2.7	69.
3.5	15.0	1070.0	891.0	11.1	11.1	254.4	21.1	20.3	5.7	295.0	319.9	9.4	102.2	3.1	70.
3.8	16.0	1193.0	878.0	10.7	10.7	252.6	20.7	19.7	6.2	295.9	320.5	9.3	102.1	3.5	70.
4.2	17.0	1288.7	868.0	9.8	9.8	250.1	20.7	19.5	7.0	295.8	319.3	8.8	99.7	4.0	70.
4.6	18.0	1385.1	858.0	9.5	9.1	248.3	21.0	19.6	7.8	296.4	319.0	8.5	97.3	4.4	70.
4.7	19.0	1482.6	848.0	8.9	8.7	248.3	20.9	19.5	7.7	296.8	319.3	8.4	98.8	4.6	70.
5.0	20.0	1571.2	839.0	8.7	8.7	248.4	20.6	19.2	7.6	297.5	320.2	8.5	99.6	5.0	70.
5.5	21.0	1690.5	827.0	7.8	7.8	251.5	21.8	20.7	6.9	297.7	319.5	8.1	101.7	5.5	70.
5.7	22.0	1791.1	817.0	7.5	7.5	252.8	22.8	21.8	6.8	298.4	320.0	8.0	101.6	5.9	70.
6.0	23.0	1892.6	807.0	6.8	6.8	254.6	24.4	23.5	6.5	298.6	319.6	7.7	101.5	6.3	70.
6.3	24.0	1995.2	797.0	6.1	6.1	254.7	23.5	22.7	6.2	298.9	319.2	7.4	101.0	6.7	71.
6.7	25.0	2088.5	788.0	5.7	5.3	254.8	22.7	21.9	5.9	299.5	319.0	7.1	97.3	7.3	71.
7.0	26.0	2214.2	776.0	5.0	4.5	255.1	22.3	21.5	5.7	300.0	318.7	6.8	96.0	7.7	71.
7.4	27.0	2320.1	766.0	4.0	3.4	254.4	21.9	21.1	5.9	300.0	317.6	6.4	95.4	8.2	71.
7.7	28.0	2416.4	757.0	3.7	2.6	253.4	21.8	20.9	6.3	300.6	317.6	6.1	92.9	8.6	72.
8.0	29.0	2524.5	747.0	3.2	1.8	252.0	21.8	20.8	6.8	301.1	317.4	5.8	90.3	9.0	72.
8.3	30.0	2633.8	737.0	2.5	0.2	250.4	22.0	20.8	7.4	301.5	316.3	5.3	84.8	9.4	72.
8.7	31.0	2722.2	729.0	2.4	-0.2	248.8	22.5	21.0	9.2	302.2	316.8	5.2	83.0	9.9	71.
9.0	32.0	2822.6	720.0	1.7	-1.0	247.9	23.1	21.4	9.7	302.6	316.6	5.0	82.5	10.2	71.
9.3	33.0	2924.0	711.0	0.9	-1.1	247.5	23.8	22.0	9.1	302.7	316.8	5.0	86.5	10.7	71.
9.6	34.0	3038.0	701.0	0.7	-3.4	247.0	24.6	22.6	9.6	303.7	315.8	4.2	73.6	11.2	71.
9.9	35.0	3130.2	693.0	0.1	-4.6	246.5	25.5	23.3	10.2	303.9	315.3	3.9	70.7	11.6	71.
10.3	36.0	3258.6	682.0	0.1	-5.0	246.3	25.5	24.3	10.7	305.3	316.5	3.9	68.4	12.2	71.
10.7	37.0	3364.9	673.0	-0.9	-5.3	247.1	27.1	25.0	10.6	305.4	316.5	3.8	71.7	12.9	70.
11.0	38.0	3472.4	664.0	-1.8	-6.3	248.3	27.3	25.3	10.1	305.5	316.0	3.6	71.5	13.4	70.
11.3	39.0	3581.0	655.0	-1.7	-12.1	250.5	27.2	25.6	9.1	306.7	313.6	2.3	44.6	13.9	70.
11.6	40.0	3678.8	647.0	-1.8	-15.9	252.7	27.2	26.0	8.1	307.5	312.8	1.7	33.1	14.4	70.
12.0	41.0	3815.2	636.0	-2.0	-34.7	255.6	27.6	26.7	6.9	308.6	309.7	0.3	6.0	15.0	70.
12.4	42.0	3915.6	628.0	-2.8	-33.4	257.8	28.5	27.8	5.0	308.9	310.1	0.4	7.2	15.7	71.
12.7	43.0	4029.7	619.0	-3.8	-33.3	258.9	29.3	28.7	3.6	308.9	310.2	0.4	7.9	16.2	71.
13.0	44.0	4132.2	611.0	-4.3	-36.1	259.7	30.1	29.6	3.4	309.5	310.5	0.3	6.2	16.7	71.
13.4	45.0	4249.0	602.0	-4.8	-36.3	259.0	30.9	30.3	3.9	310.3	311.3	0.3	6.3	17.4	72.
13.7	46.0	4354.1	594.0	-5.4	-35.0	257.9	31.1	30.4	3.5	310.8	311.9	0.3	7.5	18.0	72.
14.0	47.0	4460.3	586.0	-6.3	-35.6	256.6	31.0	30.2	3.2	311.0	312.0	0.3	7.6	18.7	72.
14.4	48.0	4581.2	577.0	-6.9	-36.2	254.1	30.8	29.7	3.4	311.6	312.7	0.3	7.6	19.2	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

5 FEBRUARY 1975  
2315 GMT

137 81. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.7	49.0	4689.9	569.0	-7.7	-36.5	252.3	30.6	29.1	9.3	311.8	312.9	0.3	7.7	19.8	72.
15.0	50.0	4813.7	560.0	-8.5	-37.0	250.3	30.3	28.6	10.2	312.4	313.4	0.3	7.8	20.5	72.
15.4	51.0	4939.1	551.0	-9.5	-37.6	248.5	29.2	27.2	10.7	312.6	313.6	0.3	7.9	21.2	72.
15.7	52.0	5051.9	543.0	-10.4	-38.2	247.7	28.6	26.4	10.8	312.9	313.8	0.3	8.0	21.7	72.
16.0	53.0	5165.8	535.0	-11.7	-39.0	247.2	27.9	25.8	10.8	312.7	313.5	0.2	8.1	22.2	72.
16.4	54.0	5281.2	527.0	-12.1	-39.3	247.1	28.4	26.2	11.0	313.5	314.4	0.2	8.2	22.8	72.
16.8	55.0	5383.4	520.0	-12.4	-39.5	247.2	29.2	27.0	11.3	314.4	315.2	0.2	8.2	23.5	72.
17.1	56.0	5531.5	510.0	-13.2	-40.1	247.5	29.9	27.6	11.5	315.1	315.9	0.2	8.3	24.0	71.
17.4	57.0	5636.5	503.0	-14.3	-40.8	248.2	30.5	28.3	11.3	315.0	315.8	0.2	8.4	24.6	71.
17.7	58.0	5757.8	495.0	-15.3	-41.4	249.1	31.0	29.0	11.0	315.3	316.0	0.2	8.5	25.1	71.
18.0	59.0	5865.3	488.0	-16.0	-41.0	250.2	31.5	29.7	10.7	315.7	316.4	0.2	8.6	25.7	71.
18.4	60.0	5974.0	481.0	-16.7	-42.0	250.5	32.2	30.4	10.8	316.2	316.8	0.2	8.7	26.4	71.
18.7	61.0	6083.8	474.0	-17.9	-41.1	250.1	32.3	30.3	11.0	316.0	316.8	0.2	11.0	27.0	71.
19.0	62.0	6211.0	466.0	-18.4	-27.8	249.4	32.1	30.0	11.3	316.9	319.7	0.8	43.2	27.7	71.
19.4	63.0	6323.8	459.0	-19.4	-30.2	249.3	30.8	28.8	10.9	317.1	319.3	0.7	37.3	28.5	71.
19.6	64.0	6437.8	452.0	-20.3	-30.5	249.5	30.6	28.7	10.7	317.3	319.5	0.7	39.1	28.8	71.
20.0	65.0	6553.3	445.0	-21.0	-35.2	250.6	30.9	29.2	10.3	317.8	319.3	0.4	26.5	29.4	71.
20.5	66.0	6687.0	437.0	-22.1	-54.0	250.9	34.5	32.6	10.3	318.1	318.3	0.0	3.3	30.3	71.
20.8	67.0	6805.6	430.0	-22.9	-49.0	250.3	36.1	34.0	12.2	318.5	318.9	0.1	7.0	31.1	71.
21.2	68.0	6925.7	423.0	-23.8	-48.4	249.5	37.2	34.9	13.0	318.9	319.3	0.1	8.3	32.0	71.
21.5	69.0	7047.3	416.0	-24.9	-51.1	249.0	37.2	34.7	13.3	319.0	319.3	0.1	6.6	32.7	71.
21.8	70.0	7152.8	410.0	-25.7	-49.6	249.0	37.2	34.7	13.3	319.3	319.7	0.1	8.5	33.3	71.
22.3	71.0	7313.5	401.0	-26.2	-47.0	249.8	37.5	35.2	12.9	320.7	321.2	0.1	11.8	34.4	71.
22.6	72.0	7422.3	395.0	-27.4	-44.0	250.5	37.6	35.4	12.5	320.5	321.1	0.2	16.9	35.1	71.
23.0	73.0	7532.3	389.0	-28.6	-43.0	251.5	36.9	35.0	11.7	320.3	321.1	0.2	21.5	36.1	71.
23.4	74.0	7662.1	382.0	-29.6	-43.0	251.3	36.1	34.2	11.6	320.6	321.4	0.2	25.8	37.0	71.
23.8	75.0	7774.8	376.0	-30.8	-40.0	250.6	37.0	34.9	12.3	320.5	321.6	0.3	39.7	37.7	71.
24.1	76.0	7888.7	370.0	-32.0	-40.2	250.0	38.3	36.0	13.1	320.4	321.5	0.3	43.6	38.3	71.
24.5	77.0	8023.4	363.0	-32.8	-36.0	249.2	40.4	37.7	14.3	321.1	322.7	0.4	66.1	39.4	71.
24.8	78.0	8140.6	357.0	-33.5	-37.0	248.1	40.7	37.8	15.2	321.8	323.3	0.4	67.2	40.2	71.
25.2	79.0	8259.4	351.0	-34.3	-38.0	246.5	41.6	38.2	16.6	322.2	323.6	0.4	66.5	41.1	71.
25.6	80.0	8380.0	345.0	-34.7	-38.6	245.1	43.4	39.4	18.3	323.3	324.7	0.4	66.9	42.0	71.
26.0	81.0	8522.9	338.0	-35.9	-39.8	244.6	46.8	42.3	20.1	323.5	324.8	0.3	66.7	43.0	70.
26.4	82.0	8647.2	332.0	-36.5	-40.4	244.9	50.2	45.5	21.3	324.3	325.5	0.3	66.9	44.3	70.
26.7	83.0	8773.4	326.0	-37.2	-41.0	245.0	51.7	46.9	21.9	325.1	326.2	0.3	66.6	45.2	70.
27.0	84.0	8901.7	320.0	-37.9	-41.0	245.1	52.7	47.8	22.2	325.8	326.9	0.3	66.6	46.1	70.
27.3	85.0	9010.0	315.0	-38.8	-42.0	244.6	51.8	46.8	22.2	326.0	327.0	0.3	65.1	47.2	70.
27.7	86.0	9164.0	308.0	-39.7	-43.0	243.5	50.4	45.1	21.5	326.9	327.9	0.2	63.5	48.5	70.
28.1	87.0	9275.6	303.0	-41.0	99.9	242.1	49.4*	43.6	20.1	326.6	999.9	99.9	999.9	49.5	70.
28.4	88.0	9411.3	297.0	-42.0	99.9	241.3	50.0*	43.9	24.0	327.1	999.9	99.9	999.9	50.4	70.
28.8	89.0	9526.0	292.0	-43.1	99.9	240.3	51.9*	45.1	25.7	327.1	999.9	99.9	999.9	51.5	69.
29.2	90.0	9665.6	286.0	-44.2	99.9	239.2	52.8*	45.4	27.0	327.5	999.9	99.9	999.9	52.8	69.
29.5	91.0	9783.5	281.0	-45.4	99.9	238.2	52.5*	44.6	27.7	327.5	999.9	99.9	999.9	54.1	69.
29.9	92.0	9903.0	276.0	-46.5	99.9	237.5	50.8*	42.8	27.3	327.5	999.9	99.9	999.9	55.2	69.
30.3	93.0	10048.5	270.0	-47.7	99.9	238.2	51.4*	43.7	27.1	327.9	999.9	99.9	999.9	56.1	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

5 FEBRUARY 1975  
2315 GMT

137 81. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
30.6	94.0	10171.7	265.0	-48.7	99.9	239.2	52.6*	45.2	26.9	328.1	999.9	99.9	999.9	56.9	66.
31.0	95.0	10296.5	260.0	-50.1	99.9	240.9	54.5*	47.6	26.5	327.9	999.9	99.9	999.9	58.5	68.
31.4	96.0	10448.6	254.0	-51.3	99.9	242.0	52.8*	46.7	24.8	328.3	999.9	99.9	999.9	59.8	68.
31.8	97.0	10577.4	249.0	-52.7	99.9	243.3	52.0*	46.5	23.4	328.1	999.9	99.9	999.9	61.1	68.
32.2	98.0	10708.1	244.0	-53.8	99.9	244.8	54.2*	49.1	23.1	328.4	999.9	99.9	999.9	62.1	68.
32.5	99.0	10814.1	240.0	-54.8	99.9	246.0	58.0*	52.9	23.6	328.5	999.9	99.9	999.9	62.6	68.
32.9	100.0	10948.3	235.0	-56.1	99.9	247.1	61.2*	56.4	23.8	328.5	999.9	99.9	999.9	64.2	68.
33.2	101.0	11112.3	229.0	-57.4	99.9	248.5	62.6*	58.2	23.0	328.9	999.9	99.9	999.9	65.9	68.
33.5	102.0	11251.4	224.0	-58.6	99.9	249.5	61.4*	57.5	21.5	329.1	999.9	99.9	999.9	67.1	68.
33.9	103.0	11364.3	220.0	-59.8	99.9	250.6	58.7*	55.4	19.5	328.9	999.9	99.9	999.9	68.4	68.
34.4	104.0	11507.5	215.0	-61.3	99.9	251.1	59.1*	55.9	19.2	328.9	999.9	99.9	999.9	70.0	68.
34.6	105.0	11623.9	211.0	-61.8	99.9	251.0	60.4*	57.1	19.7	329.8	999.9	99.9	999.9	70.7	68.
34.9	106.0	11712.6	208.0	-61.5	99.9	250.6	63.3*	59.7	21.0	331.7	999.9	99.9	999.9	71.8	68.
35.4	107.0	11864.0	203.0	-60.0	99.9	250.6	64.4*	60.8	21.4	336.3	999.9	99.9	999.9	73.6	68.
35.7	108.0	12019.7	198.0	-59.8	99.9	251.1	62.1*	58.7	20.1	339.0	999.9	99.9	999.9	75.2	68.
36.0	109.0	12147.6	194.0	-58.6	99.9	251.8	58.5*	55.5	18.3	342.9	999.9	99.9	999.9	77.0	68.
36.5	110.0	12278.6	190.0	-58.3	99.9	252.7	58.4*	55.7	17.4	345.5	999.9	99.9	999.9	77.0	68.
36.8	111.0	12480.9	184.0	-57.8	99.9	252.9	61.3*	58.6	18.0	349.6	999.9	99.9	999.9	78.5	68.
37.2	112.0	12619.5	180.0	-57.9	99.9	253.3	61.6*	59.0	17.7	351.5	999.9	99.9	999.9	80.6	68.
37.7	113.0	12761.0	176.0	-58.3	99.9	253.8	57.1*	54.8	16.0	353.2	999.9	99.9	999.9	82.6	68.
38.1	114.0	12869.3	173.0	-58.3	99.9	253.7	55.6*	53.3	15.6	354.9	999.9	99.9	999.9	83.3	69.
38.5	115.0	13016.7	169.0	-57.8	99.9	253.3	61.5*	58.9	17.7	358.2	999.9	99.9	999.9	84.2	69.
39.1	116.0	13205.8	164.0	-58.6	99.9	254.3	70.1*	67.5	18.9	359.8	999.9	99.9	999.9	87.5	69.
39.6	117.0	13360.7	160.0	-59.3	99.9	256.5	67.5*	65.6	15.8	361.2	999.9	99.9	999.9	89.5	69.
40.0	118.0	13479.1	157.0	-59.8	99.9	259.1	60.4*	59.4	11.4	362.3	999.9	99.9	999.9	91.0	69.
40.6	119.0	13640.4	153.0	-59.8	99.9	264.4	47.2*	46.9	4.6	364.9	999.9	99.9	999.9	93.2	69.
41.1	120.0	13805.6	149.0	-60.5	99.9	265.0	45.8*	45.7	4.0	366.5	999.9	99.9	999.9	94.0	70.
41.5	121.0	13932.2	146.0	-60.9	99.9	261.2	55.8*	55.1	8.5	368.0	999.9	99.9	999.9	93.9	70.
42.0	122.0	14104.7	142.0	-61.5	99.9	257.4	72.1*	70.4	15.8	370.0	999.9	99.9	999.9	97.3	70.
42.5	123.0	14237.0	139.0	-61.6	99.9	256.0	74.8*	72.5	18.1	371.9	999.9	99.9	999.9	99.3	70.
42.9	124.0	14417.9	135.0	-61.6	99.9	255.2	69.0*	66.7	17.6	375.0	999.9	99.9	999.9	101.4	70.
43.3	125.0	14556.9	132.0	-62.4	99.9	253.9	64.0*	61.5	17.7	376.1	999.9	99.9	999.9	102.6	70.
43.8	126.0	14746.4	128.0	-63.3	99.9	252.1	61.1*	58.1	18.8	377.8	999.9	99.9	999.9	104.5	70.
44.3	127.0	14891.9	125.0	-64.3	99.9	250.7	63.2*	59.6	20.9	378.6	999.9	99.9	999.9	106.2	70.
44.8	128.0	15090.3	121.0	-65.5	99.9	249.9	67.8*	63.6	23.3	380.0	999.9	99.9	999.9	108.1	70.
45.4	129.0	15242.7	118.0	-66.3	99.9	249.6	68.8*	64.5	24.0	381.2	999.9	99.9	999.9	110.8	70.
46.0	130.0	15398.7	115.0	-66.5	99.9	251.5	61.6*	58.4	19.6	383.6	999.9	99.9	999.9	113.5	70.
46.7	131.0	15612.6	111.0	-67.3	99.9	256.1	51.4*	49.9	12.4	386.0	999.9	99.9	999.9	115.6	70.
47.2	132.0	15777.3	108.0	-68.4	99.9	257.2	50.9*	49.7	11.3	387.0	999.9	99.9	999.9	117.1	70.
47.8	133.0	16003.8	104.0	-68.2	99.9	255.2	63.5*	61.4	16.2	391.6	999.9	99.9	999.9	118.5	71.
48.5	134.0	16180.0	101.0	-67.1	99.9	254.2	75.6*	72.7	20.6	397.0	999.9	99.9	999.9	121.9	71.
49.0	135.0	16362.0	98.0	-67.1	99.9	254.8	69.2*	66.8	18.1	400.4	999.9	99.9	999.9	124.7	71.
49.7	136.0	16549.9	95.0	-66.7	99.9	255.5	52.8*	51.1	13.3	404.8	999.9	99.9	999.9	126.7	71.
50.6	137.0	16810.4	91.0	-66.1	99.9	286.9	6.4	6.1	-1.9	411.0	999.9	99.9	999.9	129.2	71.
51.4	138.0	17013.3	88.0	-66.9	99.9	999.9	99.9	99.9	99.9	413.3	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

5 FEBRUARY 1975  
2315 GMT

137 81. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
52.1	139.0	17294.0	84.0	-67.5	99.9	999.9	99.9	99.9	99.9	417.6	999.9	99.9	999.9	999.9	999.
52.9	140.0	17512.0	81.0	-69.5	99.9	999.9	99.9	99.9	99.9	418.0	999.9	99.9	999.9	999.9	999.

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
515 GMT

152 34. 0

TIME MIN	CNTCT	H FIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.1	4.0	1010.5	10.3	9.7	270.0	5.1	5.1	0.0	283.6	302.7	7.5	96.0	0.0	0.
0.3	5.0	107.7	998.0	9.6	9.1	258.1	13.4	13.1	2.7	283.8	302.5	7.3	97.3	0.4	78.
0.7	6.0	216.7	985.0	9.4	9.1	256.9	13.4	13.1	3.0	284.7	303.6	7.4	98.2	0.5	78.
1.0	7.0	310.0	974.0	9.0	8.7	255.2	13.5	13.1	3.5	285.2	303.9	7.3	98.1	0.8	78.
1.3	8.0	412.8	962.0	8.5	8.2	256.6	14.8	14.4	3.4	285.7	304.0	7.1	98.0	1.0	77.
1.7	9.0	499.2	952.0	7.7	7.4	250.1	18.1	17.8	3.1	285.8	303.4	6.8	97.9	1.4	77.
2.0	10.0	595.5	941.0	9.7	4.5	263.0	21.7	21.5	2.6	288.6	303.4	5.6	69.6	1.7	78.
2.3	11.0	711.1	928.0	9.7	-1.4	262.8	23.7	23.5	3.0	289.5	299.6	3.7	45.6	2.2	79.
2.7	12.0	809.9	917.0	8.6	-17.7	262.0	24.3	24.1	3.4	289.0	292.0	1.0	13.5	2.8	80.
3.0	13.0	909.8	906.0	9.7	-19.0	260.9	23.4	23.1	3.7	291.1	293.9	0.9	11.3	3.2	80.
3.3	14.0	1001.8	896.0	10.1	-16.7	259.8	23.7	23.4	4.2	292.4	295.9	1.2	13.4	3.6	80.
3.7	15.0	1104.6	885.0	10.9	-6.1	258.7	25.1	24.6	4.9	294.5	302.2	2.7	29.8	4.2	80.
4.0	16.0	1218.4	873.0	10.9	-4.2	258.2	26.8	26.2	5.5	295.7	304.8	3.2	34.5	4.6	80.
4.3	17.0	1323.9	862.0	9.9	-1.6	258.9	26.3	25.8	5.1	295.9	306.9	4.0	44.6	5.1	80.
4.7	18.0	1420.8	852.0	10.1	-17.7	259.3	25.4	25.0	4.7	296.7	300.1	1.1	12.3	5.8	80.
5.0	19.0	1518.9	842.0	10.5	-27.4	259.1	24.5	24.1	4.5	298.0	299.5	0.5	5.0	6.2	80.
5.3	20.0	1618.2	832.0	10.7	-33.8	257.9	23.8	23.2	5.0	299.2	300.0	0.3	2.7	6.6	80.
5.8	21.0	1738.8	820.0	9.7	-34.0	257.0	22.6	22.1	5.0	299.4	300.3	0.3	2.8	7.3	79.
6.1	22.0	1840.3	810.0	8.6	-34.3	257.6	22.1	21.6	4.8	299.3	300.2	0.3	2.9	7.7	79.
6.4	23.0	1942.7	800.0	7.7	-34.6	259.3	21.8	21.4	4.1	299.4	300.3	0.3	3.0	8.1	79.
6.8	24.0	2046.1	790.0	7.0	-34.8	262.3	23.2	23.0	3.1	299.7	300.6	0.2	3.1	8.6	79.
7.1	25.0	2150.4	780.0	6.0	-35.1	263.9	24.6	24.5	2.8	299.7	300.5	0.2	3.3	9.1	79.
7.5	26.0	2277.1	768.0	5.6	-35.2	264.5	25.9	25.7	2.5	300.7	301.5	0.2	3.3	9.7	80.
7.9	27.0	2384.1	758.0	5.3	-35.4	262.6	26.9	26.6	3.3	301.4	302.2	0.2	3.3	10.3	80.
8.2	28.0	2481.4	749.0	4.8	-35.5	260.4	27.5	27.2	4.5	301.9	302.7	0.2	3.4	10.8	80.
8.6	29.0	2590.8	739.0	4.3	-35.7	257.0	28.3	27.6	6.4	302.5	303.3	0.2	3.5	11.5	80.
8.9	30.0	2690.2	730.0	3.6	-36.0	254.5	28.6	27.6	7.7	302.8	303.6	0.2	3.5	12.0	80.
9.2	31.0	2801.9	720.0	2.9	-36.2	252.1	28.6	27.3	8.8	303.3	304.1	0.2	3.6	12.6	80.
9.6	32.0	2903.6	711.0	2.7	-36.3	249.4	28.7	26.8	10.0	304.2	305.0	0.2	3.6	13.3	79.
10.0	33.0	3006.4	702.0	1.7	-36.7	247.3	29.1	26.8	11.2	304.2	305.0	0.2	3.8	13.8	79.
10.3	34.0	3121.7	692.0	0.6	-37.1	247.1	29.5	27.2	11.5	304.2	304.9	0.2	3.9	14.4	78.
10.7	35.0	3226.5	683.0	-0.4	-37.5	247.5	29.7	27.5	11.4	304.2	305.0	0.2	4.0	15.1	78.
11.1	36.0	3356.0	672.0	-1.3	-37.9	248.8	29.4	27.4	10.6	304.6	305.3	0.2	4.1	15.8	77.
11.4	37.0	3463.2	663.0	-2.1	-38.3	250.1	28.8	27.1	9.8	304.8	305.6	0.2	4.2	16.4	77.
11.8	38.0	3571.6	654.0	-2.9	-35.4	251.5	28.3	26.8	9.0	305.2	306.1	0.3	6.0	17.0	77.
12.2	39.0	3681.2	645.0	-3.2	-30.5	252.4	27.9	26.6	8.4	306.0	307.6	0.5	9.9	17.7	77.
12.5	40.0	3792.3	636.0	-3.7	-28.3	252.9	27.8	26.5	8.2	306.8	308.7	0.6	12.6	18.1	76.
12.9	41.0	3929.8	625.0	-4.6	-29.0	253.6	27.0	25.9	7.5	307.2	309.1	0.6	12.7	18.9	76.
13.2	42.0	4031.0	617.0	-5.3	-28.7	254.4	26.4	25.5	7.1	307.5	309.4	0.6	13.8	19.4	76.
13.7	43.0	4146.1	608.0	-6.4	-29.5	255.9	26.6	25.8	6.5	307.6	309.4	0.5	13.9	20.1	76.
14.0	44.0	4262.6	599.0	-6.8	-30.6	256.5	27.6	26.8	6.4	308.4	310.0	0.5	12.9	20.5	76.
14.3	45.0	4367.3	591.0	-7.7	-31.3	256.4	29.5	28.6	6.9	308.5	310.1	0.5	13.0	21.0	76.
14.7	46.0	4473.1	583.0	-8.6	-31.9	255.8	31.1	30.1	7.0	308.7	310.2	0.4	13.1	21.8	76.
15.0	47.0	4593.5	574.0	-9.5	-32.5	254.9	31.6	30.5	8.2	309.0	310.5	0.4	13.2	22.5	76.
15.4	48.0	4701.7	566.0	-10.5	-33.3	252.6	30.8	29.4	9.2	309.1	310.5	0.4	13.3	23.2	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
515 GMT

152 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.8	49.0	4811.1	558.0	-11.1	-33.7	249.8	31.5	29.6	10.9	309.7	311.0	0.4	13.4	23.9	76.
16.1	50.0	4921.9	550.0	-11.4	-33.9	247.8	32.9	30.5	12.4	310.6	311.9	0.4	13.4	24.4	76.
16.6	51.0	5062.6	540.0	-11.8	-37.8	244.9	36.2	32.8	15.4	311.9	312.8	0.3	9.2	25.4	76.
16.9	52.0	5176.8	532.0	-12.4	-37.2	243.1	36.7	32.7	16.6	312.4	313.4	0.3	10.4	26.2	75.
17.2	53.0	5292.4	524.0	-13.1	-36.8	241.6	35.5	31.2	16.7	312.9	314.0	0.3	11.5	26.9	75.
17.6	54.0	5409.4	516.0	-14.2	-36.0	240.1	32.9	28.5	16.4	312.9	314.1	0.3	13.7	27.7	74.
18.0	55.0	5527.7	508.0	-15.3	-35.2	240.8	31.1	27.2	15.2	313.0	314.3	0.4	16.2	28.3	74.
18.5	56.0	5662.4	499.0	-16.5	-35.9	245.1	33.5	30.4	14.1	313.1	314.3	0.4	16.8	29.0	74.
18.9	57.0	5783.7	491.0	-17.5	-34.9	248.5	35.7	33.2	13.1	313.3	314.7	0.4	20.1	30.1	73.
19.2	58.0	5906.5	483.0	-18.4	-34.3	250.5	36.6	34.5	12.2	313.6	315.1	0.4	23.1	30.8	73.
19.6	59.0	6015.2	476.0	-19.4	-34.8	252.8	37.6	35.9	11.1	313.8	315.2	0.4	24.0	31.7	73.
20.0	60.0	6141.0	468.0	-20.3	-34.5	254.1	39.6	38.1	10.6	314.1	315.6	0.4	26.7	32.3	73.
20.3	61.0	6252.6	461.0	-20.6	-34.6	254.4	41.4	39.9	11.0	315.2	316.7	0.4	27.1	33.2	73.
20.8	62.0	6365.6	454.0	-21.5	-36.9	254.4	42.2	40.7	11.3	315.4	316.6	0.3	23.3	34.6	73.
21.1	63.0	6496.4	446.0	-22.3	-39.0	254.1	41.9*	40.3	11.5	315.9	317.0	0.3	20.1	35.5	73.
21.6	64.0	6612.4	439.0	-23.3	-39.8	253.1	41.9*	40.1	12.2	316.2	317.1	0.3	20.1	36.5	73.
21.9	65.0	6729.9	432.0	-24.1	-41.8	252.4	43.5*	41.4	13.2	316.6	317.4	0.2	17.5	37.1	73.
22.4	66.0	6866.2	424.0	-24.6	-42.7	251.5	43.5*	41.3	13.8	317.6	318.4	0.2	16.6	38.8	73.
22.8	67.0	7004.6	416.0	-25.6	-43.5	250.9	41.3*	39.1	13.5	318.0	318.7	0.2	16.7	39.9	73.
23.2	68.0	7109.7	410.0	-26.7	-44.1	250.3	41.1*	38.7	13.8	318.0	318.6	0.2	17.3	40.6	73.
23.6	69.0	7233.8	403.0	-27.6	-43.4	249.9	43.8*	41.1	15.0	318.4	319.1	0.2	20.5	41.2	73.
23.9	70.0	7359.6	396.0	-28.5	-42.1	249.7	46.9*	43.9	16.2	318.8	319.6	0.2	25.6	42.4	73.
24.4	71.0	7505.4	388.0	-30.0	-43.0	249.5	46.5*	43.6	16.3	318.7	319.5	0.2	26.8	44.1	73.
24.8	72.0	7634.7	381.0	-31.2	-43.4	249.4	44.3*	41.5	15.6	318.8	319.6	0.2	28.5	45.1	73.
25.1	73.0	7747.0	375.0	-32.2	-43.3	249.3	43.7*	40.9	15.5	318.9	319.7	0.2	32.1	45.7	73.
25.5	74.0	7879.8	368.0	-33.2	-40.6	249.3	46.1*	43.1	16.0	319.4	320.4	0.3	46.6	46.5	73.
25.9	75.0	7995.0	362.0	-34.3	-40.8	248.9	49.4*	46.1	17.0	319.3	320.3	0.3	51.5	48.0	73.
26.2	76.0	8111.8	356.0	-35.1	-41.2	248.3	49.8*	46.3	18.0	319.7	320.8	0.3	53.4	48.9	73.
26.7	77.0	8230.1	350.0	-35.9	-41.4	246.9	48.0*	44.1	18.0	320.2	321.2	0.3	57.0	50.4	73.
27.0	78.0	8370.2	343.0	-37.0	-42.0	245.9	46.0*	42.0	18.8	320.6	321.6	0.3	59.2	51.4	72.
27.4	79.0	8492.0	337.0	-37.8	-42.7	244.3	46.0*	41.4	19.9	321.1	322.1	0.3	59.6	52.2	72.
27.8	80.0	8615.7	331.0	-38.6	-43.1	242.5	48.0*	42.6	22.2	321.7	322.6	0.2	61.9	53.3	72.
28.3	81.0	8783.4	323.0	-39.6	-43.9	241.1	52.2*	45.7	25.0	322.6	323.5	0.2	63.0	54.8	72.
28.7	82.0	8911.5	317.0	-40.3	99.9	241.1	56.8*	49.7	27.5	323.5	999.9	99.9	999.9	56.1	71.
29.1	83.0	9019.8	312.0	-41.2	99.9	241.6	61.8*	54.4	29.0	323.6	999.9	99.9	999.9	57.3	71.
29.5	84.0	9151.5	306.0	-41.8	99.9	241.7	65.3*	57.4	31.0	324.7	999.9	99.9	999.9	58.6	71.
29.9	85.0	9330.7	298.0	-42.7	99.9	239.9	60.4*	52.3	30.3	325.8	999.9	99.9	999.9	61.3	71.
30.4	86.0	9467.7	292.0	-43.8	99.9	237.8	53.8*	45.6	28.6	326.1	999.9	99.9	999.9	62.1	70.
30.8	87.0	9606.7	286.0	-45.1	99.9	238.7	56.0*	47.8	29.1	326.2	999.9	99.9	999.9	63.2	70.
31.2	88.0	9724.3	281.0	-46.1	99.9	240.5	63.0*	54.9	31.0	326.4	999.9	99.9	999.9	64.6	70.
31.6	89.0	9843.4	276.0	-47.0	99.9	241.7	70.4*	62.0	33.0	326.9	999.9	99.9	999.9	66.1	70.
32.0	90.0	9988.7	270.0	-48.1	99.9	241.4	71.5*	62.7	34.0	327.2	999.9	99.9	999.9	68.3	70.
32.4	91.0	10111.5	265.0	-49.6	99.9	239.5	64.8*	55.9	32.0	326.8	999.9	99.9	999.9	70.5	69.
32.8	92.0	10235.9	260.0	-50.5	99.9	238.6	62.5*	53.4	32.6	327.3	999.9	99.9	999.9	71.1	69.
33.2	93.0	10362.3	255.0	-51.4	99.9	239.3	65.6*	56.4	33.5	327.8	999.9	99.9	999.9	72.3	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
515 GMT

152 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.7	94.0	10516.5	249.0	-52.6	99.9	241.3	72.7*	63.8	34.6	328.2	999.9	99.9	999.9	74.8	69.
34.1	95.0	10647.3	244.0	-53.6	99.9	242.3	74.5*	65.9	34.7	328.7	999.9	99.9	999.9	76.6	68.
34.7	96.0	10807.1	238.0	-54.4	99.9	242.0	69.8*	61.6	32.0	329.8	999.9	99.9	999.9	79.4	68.
35.0	97.0	10942.8	233.0	-55.5	99.9	241.6	67.6*	59.5	32.1	330.1	999.9	99.9	999.9	80.2	68.
35.4	98.0	11052.9	229.0	-56.8	99.9	241.6	65.5*	57.6	31.1	329.8	999.9	99.9	999.9	81.8	68.
35.9	99.0	11192.5	224.0	-57.7	99.9	241.2	64.1*	56.2	30.9	330.6	999.9	99.9	999.9	84.7	68.
36.3	100.0	11334.6	219.0	-58.7	99.9	240.5	67.1*	58.4	33.1	331.2	999.9	99.9	999.9	84.8	68.
36.8	101.0	11479.4	214.0	-59.7	99.9	239.8	71.5*	61.8	35.0	331.7	999.9	99.9	999.9	87.7	68.
37.2	102.0	11626.8	209.0	-60.9	99.9	240.3	74.7*	64.9	37.0	332.1	999.9	99.9	999.9	89.9	67.
37.7	103.0	11746.9	205.0	-60.9	99.9	242.2	80.6*	71.3	37.5	333.9	999.9	99.9	999.9	90.8	67.
38.2	104.0	11900.2	200.0	-61.3	99.9	244.5	80.7*	72.8	34.8	335.7	999.9	99.9	999.9	94.1	67.
38.6	105.0	12026.3	196.0	-59.0	99.9	246.5	68.6*	62.9	27.3	341.3	999.9	99.9	999.9	97.3	67.
39.0	106.0	12156.1	192.0	-57.3	99.9	250.4	49.2*	46.3	16.5	346.0	999.9	99.9	999.9	98.2	67.
39.4	107.0	12323.1	187.0	-56.8	99.9	253.7	51.7*	49.7	14.5	349.5	999.9	99.9	999.9	97.3	67.
40.0	108.0	12460.1	183.0	-56.8	99.9	254.1	73.0*	70.2	20.0	351.6	999.9	99.9	999.9	100.6	67.
40.4	109.0	12600.3	179.0	-56.5	99.9	254.4	74.3*	71.6	19.9	354.4	999.9	99.9	999.9	102.7	67.
40.9	110.0	12743.7	175.0	-56.6	99.9	256.2	66.9*	65.0	16.0	356.4	999.9	99.9	999.9	105.3	68.
41.5	111.0	12927.1	170.0	-57.5	99.9	257.8	64.2*	62.7	13.5	358.0	999.9	99.9	999.9	105.5	68.
41.9	112.0	13077.3	166.0	-58.2	99.9	258.4	59.5*	58.3	12.0	359.3	999.9	99.9	999.9	108.9	68.
42.4	113.0	13192.0	163.0	-58.8	99.9	260.6	44.1*	43.5	7.2	360.1	999.9	99.9	999.9	110.6	68.
42.8	114.0	13347.8	159.0	-59.2	99.9	262.3	37.4*	37.1	5.0	362.0	999.9	99.9	999.9	110.7	68.
43.3	115.0	13507.5	155.0	-59.2	99.9	259.9	43.5*	42.8	7.7	364.7	999.9	99.9	999.9	111.4	68.
44.0	116.0	13671.2	151.0	-59.7	99.9	254.3	64.2*	61.8	17.4	366.5	999.9	99.9	999.9	114.2	69.
44.4	117.0	13838.6	147.0	-60.8	99.9	251.8	73.7*	70.0	23.0	367.5	999.9	99.9	999.9	115.4	69.
44.9	118.0	13966.9	144.0	-60.8	99.9	249.8	84.4**	79.2	29.1	369.7	999.9	99.9	999.9	117.9	69.
45.4	119.0	14142.1	140.0	-60.8	99.9	248.8	86.9**	81.1	31.4	372.7	999.9	99.9	999.9	120.8	69.
45.9	120.0	14276.7	137.0	-61.3	99.9	247.9	76.2**	70.6	28.7	374.1	999.9	99.9	999.9	123.8	69.
46.3	121.0	14460.6	133.0	-61.3	99.9	246.3	63.4**	58.1	25.5	377.2	999.9	99.9	999.9	125.3	69.
46.8	122.0	14601.9	130.0	-61.9	99.9	243.8	50.8**	45.6	22.5	378.7	999.9	99.9	999.9	126.7	69.
47.3	123.0	14795.0	126.0	-62.8	99.9	242.5	44.7**	39.6	20.7	380.5	999.9	99.9	999.9	128.1	69.
47.8	124.0	14943.0	123.0	-64.1	99.9	243.0	42.7**	38.0	19.4	380.7	999.9	99.9	999.9	129.3	68.
48.3	125.0	15093.9	120.0	-64.9	99.9	244.7	42.5**	38.4	18.0	382.0	999.9	99.9	999.9	130.5	68.
48.9	126.0	15300.5	116.0	-65.3	99.9	249.4	44.6**	41.7	15.7	385.0	999.9	99.9	999.9	132.1	68.
49.4	127.0	15459.7	113.0	-66.3	99.9	254.1	51.7**	49.8	14.2	386.0	999.9	99.9	999.9	133.4	68.
49.9	128.0	15622.5	110.0	-66.9	99.9	255.2	61.9**	59.8	15.8	387.8	999.9	99.9	999.9	134.7	69.
50.4	129.0	15789.6	107.0	-66.9	99.9	253.5	63.9**	61.2	18.1	390.9	999.9	99.9	999.9	137.5	69.
50.9	130.0	15961.2	104.0	-67.5	99.9	251.1	55.5**	52.5	18.0	392.9	999.9	99.9	999.9	139.3	69.
51.5	131.0	16137.8	101.0	-66.9	99.9	249.0	46.5**	43.4	16.7	397.4	999.9	99.9	999.9	140.7	69.
52.0	132.0	16320.0	98.0	-66.9	99.9	248.7	45.6**	42.4	16.5	400.9	999.9	99.9	999.9	142.1	69.
52.5	133.0	16507.5	95.0	-67.7	99.9	248.7	43.7**	40.7	15.9	402.8	999.9	99.9	999.9	143.6	69.
53.1	134.0	16700.1	92.0	-68.7	99.9	248.7	41.2**	38.4	15.0	404.5	999.9	99.9	999.9	145.1	69.
53.7	135.0	16831.5	90.0	-69.4	99.9	248.8	43.8**	40.8	15.8	405.7	999.9	99.9	999.9	146.4	69.
54.3	136.0	17103.5	86.0	-68.3	99.9	249.9	50.3**	47.3	17.3	413.2	999.9	99.9	999.9	148.2	69.
55.0	137.0	17316.3	83.0	-68.7	99.9	253.5	52.6**	50.5	14.0	416.5	999.9	99.9	999.9	150.0	69.
55.8	138.0	17536.5	80.0	-69.2	99.9	261.0	28.5**	28.2	4.0	420.1	999.9	99.9	999.9	152.7	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
515 GMT

152 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
56.4	139.0	17765.3	77.0	-68.5	99.9	260.5	12.0**	11.9	2.0	426.0	999.9	99.9	999.9	153.5	69.
57.1	140.0	18003.1	74.0	-69.2	99.9	236.2	5.3**	4.4	2.9	429.5	999.9	99.9	999.9	153.1	69.
57.8	141.0	18166.9	72.0	-68.7	99.9	246.2	12.9**	11.8	5.2	433.8	999.9	99.9	999.9	153.4	69.
58.5	142.0	18421.1	69.0	-69.8	99.9	248.9	33.7**	31.5	12.1	436.8	999.9	99.9	999.9	154.4	69.
59.2	143.0	18685.8	66.0	-69.8	99.9	248.8	44.1*	41.1	16.0	442.4	999.9	99.9	999.9	156.3	69.
60.0	144.0	18962.7	63.0	-70.0	99.9	247.0	43.5*	40.1	17.0	447.8	999.9	99.9	999.9	158.4	69.
60.8	145.0	19255.4	60.0	-66.7	99.9	244.3	36.8*	33.1	16.0	461.7	999.9	99.9	999.9	160.5	69.
61.7	146.0	19461.0	58.0	-65.7	99.9	244.6	13.2*	11.9	5.7	468.5	999.9	99.9	999.9	162.3	69.
62.7	147.0	19783.5	55.0	-66.4	99.9	68.8	19.1*	-17.8	-6.9	474.7	999.9	99.9	999.9	161.5	69.
63.6	148.0	20007.8	53.0	-66.7	99.9	248.8	11.2*	10.4	4.0	478.4	999.9	99.9	999.9	160.0	69.
64.4	149.0	20358.8	50.0	-68.3	99.9	248.8	41.4*	38.6	15.0	482.5	999.9	99.9	999.9	162.4	69.
65.4	150.0	20730.1	47.0	-68.3	99.9	248.8	37.2*	34.7	13.5	491.1	999.9	99.9	999.9	165.0	69.
66.5	151.0	20992.1	45.0	-66.7	99.9	252.0	33.0*	31.4	10.2	501.3	999.9	99.9	999.9	167.0	69.
67.7	152.0	21410.0	42.0	-66.1	99.9	288.1	8.8*	8.3	-2.7	512.8	999.9	99.9	999.9	169.0	69.
68.9	153.0	21706.9	40.0	-64.7	99.9	68.1	27.1*	-25.1	-10.1	523.5	999.9	99.9	999.9	168.3	69.
70.1	154.0	22182.3	37.0	-65.3	99.9	999.9	99.9	99.9	99.9	533.8	999.9	99.9	999.9	999.9	999.
71.4	155.0	22696.8	34.0	-65.7	99.9	999.9	99.9	99.9	99.9	545.8	999.9	99.9	999.9	999.9	999.

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
1115 GMT

161 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	4.0	1010.8	8.7	6.0	270.0	5.7	5.7	0.0	281.7	296.6	5.8	83.0	0.0	0.
0.3	5.0	92.8	1000.0	7.5	5.2	223.0	7.6	5.2	5.0	281.3	295.5	5.6	85.5	0.4	94.
0.6	6.0	217.3	985.0	6.8	4.6	227.9	7.6	5.6	5.1	281.8	295.7	5.4	86.2	0.4	90.
1.0	7.0	309.4	974.0	5.5	3.8	246.6	8.1	7.5	3.2	281.5	294.7	5.2	88.4	0.6	77.
1.3	8.0	410.9	962.0	5.2	3.7	270.9	9.5	9.5	-0.1	282.1	295.5	5.2	90.1	0.8	78.
1.7	9.0	505.3	951.0	7.1	5.8	288.8	12.0	11.3	-3.9	285.1	300.9	6.1	91.4	1.0	85.
1.9	10.0	601.5	940.0	9.4	6.1	294.1	13.0	11.8	-5.3	288.5	305.0	6.3	79.4	1.1	89.
2.2	11.0	717.2	927.0	9.1	4.2	296.5	12.7	11.4	-5.7	289.1	303.9	5.6	71.2	1.4	94.
2.5	12.0	816.0	916.0	8.2	2.6	296.5	11.6	10.3	-5.2	289.1	302.6	5.0	67.8	1.6	97.
2.9	13.0	915.7	905.0	7.3	1.5	283.7	10.7	10.4	-2.5	289.2	301.8	4.7	66.4	1.8	99.
3.3	14.0	1016.4	894.0	7.3	1.7	273.0	13.7	13.7	-0.7	290.2	303.2	4.9	67.6	2.1	99.
3.6	15.0	1118.5	883.0	7.6	0.8	270.3	16.9	16.9	-0.1	291.6	304.1	4.6	62.0	2.3	98.
3.9	16.0	1240.9	870.0	8.4	-0.8	271.8	20.0	20.0	-0.6	293.5	304.9	4.1	52.4	2.7	97.
4.3	17.0	1336.4	860.0	8.4	-9.1	272.7	23.2	23.2	-1.1	294.2	300.6	2.2	27.9	3.2	96.
4.5	18.0	1442.7	849.0	8.2	-11.3	272.9	24.6	24.6	-1.3	295.1	300.6	1.9	23.7	3.5	96.
4.8	19.0	1540.4	839.0	8.2	-12.6	268.8	25.8	25.8	-0.6	296.0	301.1	1.7	21.4	4.0	95.
5.1	20.0	1649.3	828.0	8.2	-15.7	264.2	26.8	26.7	2.7	297.1	301.2	1.4	16.6	4.4	95.
5.5	21.0	1769.7	816.0	8.2	-17.6	256.0	27.5	26.6	6.6	298.3	301.9	1.2	14.1	5.1	93.
5.8	22.0	1871.3	806.0	8.0	-19.2	250.7	26.5	25.0	8.8	299.2	302.3	1.0	12.5	5.6	91.
6.1	23.0	1974.1	796.0	7.3	-19.7	246.5	26.0	23.9	10.4	299.5	302.6	1.0	12.6	6.0	89.
6.5	24.0	2077.9	786.0	7.1	-19.8	244.4	26.4	23.8	11.4	300.4	303.5	1.0	12.6	6.5	87.
6.8	25.0	2183.0	776.0	6.6	-20.1	242.9	26.8	23.8	12.2	300.9	304.0	1.0	12.6	7.0	85.
7.2	26.0	2321.2	763.0	5.4	-21.0	241.6	27.3	24.0	13.0	301.0	303.9	0.9	12.8	7.6	83.
7.6	27.0	2417.6	754.0	4.7	-21.5	241.0	27.8	24.3	13.5	301.3	304.1	0.9	12.8	8.2	82.
7.9	28.0	2526.4	744.0	3.7	-22.2	241.0	28.1	24.6	13.6	301.3	304.0	0.9	12.9	8.7	80.
8.2	29.0	2636.1	734.0	3.0	-22.7	241.5	28.9	25.4	13.8	301.8	304.4	0.8	13.0	9.1	79.
8.6	30.0	2735.8	725.0	2.2	-23.3	242.5	30.1	26.7	13.9	301.9	304.4	0.8	13.1	9.8	78.
8.9	31.0	2847.7	715.0	1.5	-23.8	243.5	31.3	28.0	14.0	302.4	304.9	0.8	13.1	10.3	77.
9.2	32.0	2960.8	705.0	0.5	-24.5	244.1	32.0	28.8	14.0	302.5	304.9	0.7	13.2	10.9	77.
9.5	33.0	3063.8	696.0	-0.1	-23.7	244.6	32.5	29.4	13.9	302.9	305.5	0.8	14.8	11.5	76.
9.8	34.0	3167.6	687.0	-1.4	-24.7	244.6	32.1	29.0	13.9	302.6	305.0	0.7	15.0	12.1	75.
10.1	35.0	3284.3	677.0	-1.7	-24.9	244.7	31.7	28.7	13.5	303.5	305.9	0.7	15.0	12.7	75.
10.5	36.0	3414.3	666.0	-3.1	-25.9	245.2	31.1	28.2	13.0	303.4	305.6	0.7	15.1	13.4	74.
10.9	37.0	3521.7	657.0	-4.2	-26.7	247.0	31.5	29.0	12.3	303.3	305.4	0.6	15.2	14.1	74.
11.3	38.0	3630.4	648.0	-4.7	-27.1	249.2	32.3	30.2	11.5	304.0	306.1	0.6	15.3	14.8	74.
11.7	39.0	3740.4	639.0	-4.8	-26.5	251.4	32.7	31.0	10.4	305.1	307.3	0.7	16.3	15.7	73.
12.0	40.0	3851.8	630.0	-5.4	-21.7	253.1	32.7	31.3	9.5	305.7	309.0	1.1	26.4	16.3	73.
12.4	41.0	3989.9	619.0	-5.9	-19.3	254.3	31.8	30.6	8.0	306.7	310.9	1.3	33.5	17.1	73.
12.8	42.0	4104.6	610.0	-6.0	-20.0	254.3	31.3	30.1	8.4	307.6	311.8	1.3	31.8	17.8	74.
13.2	43.0	4207.8	602.0	-6.9	-22.3	253.2	31.3	30.0	9.0	307.9	311.3	1.1	28.0	18.5	74.
13.6	44.0	4325.2	593.0	-7.8	-23.1	251.4	32.2	30.5	10.3	308.2	311.4	1.0	28.0	19.3	74.
13.9	45.0	4430.6	585.0	-8.8	-23.1	250.0	33.4	31.4	11.4	308.2	311.4	1.0	30.2	19.9	73.
14.3	46.0	4537.1	577.0	-9.8	-24.0	248.7	35.1	32.7	12.0	308.2	311.3	0.9	30.2	20.6	73.
14.6	47.0	4658.2	568.0	-10.7	-25.3	247.8	36.2	33.5	13.7	308.6	311.4	0.9	28.8	21.2	73.
14.9	48.0	4767.0	560.0	-12.1	-23.9	247.0	36.9	34.0	14.1	308.2	311.3	1.0	36.5	22.1	73.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
1115 GMT

161 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMI M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.3	49.0	4890.7	551.0	-13.0	-23.6	245.1	37.1	33.7	15.6	308.6	311.9	1.0	40.3	22.9	73.
15.7	50.0	5002.1	543.0	-13.5	-24.5	242.9	37.3	33.2	17.0	309.2	312.3	1.0	39.0	23.7	72.
16.0	51.0	5143.4	533.0	-14.2	-26.8	241.2	37.4	32.8	18.0	310.0	312.6	0.8	33.4	24.5	72.
16.4	52.0	5257.8	525.0	-15.5	-27.7	240.7	38.8	33.8	19.0	309.9	312.3	0.7	34.0	25.2	72.
16.6	53.0	5373.6	517.0	-16.2	-28.3	240.7	39.5	34.4	19.3	310.4	312.7	0.7	34.0	25.6	71.
17.0	54.0	5490.8	509.0	-17.1	-29.4	241.3	40.8	35.8	19.8	310.6	312.8	0.7	33.4	26.7	71.
17.4	55.0	5609.5	501.0	-18.0	-30.1	242.0	40.9	36.1	19.8	311.0	313.1	0.6	33.4	27.8	71.
17.8	56.0	5744.8	492.0	-18.8	-31.1	243.2	41.7	37.3	18.8	311.6	313.5	0.6	32.6	28.6	70.
18.2	57.0	5866.8	484.0	-19.4	-30.3	245.2	43.2	39.2	18.1	312.3	314.4	0.6	37.3	29.5	70.
18.6	58.0	5974.9	477.0	-20.4	-29.8	247.5	44.9	41.4	17.2	312.4	314.6	0.7	42.3	30.7	70.
18.9	59.0	6100.0	469.0	-21.5	-29.9	249.0	45.2	42.2	16.2	312.6	314.8	0.7	46.1	31.6	70.
19.3	60.0	6210.6	462.0	-22.5	-30.7	250.6	45.0	42.4	14.5	312.6	314.7	0.6	46.9	32.6	70.
19.6	61.0	6338.8	454.0	-22.8	-30.8	251.7	45.0	42.7	14.1	313.8	316.0	0.6	47.7	33.4	70.
20.0	62.0	6452.7	447.0	-23.6	-31.6	252.9	45.8	43.7	13.5	314.2	316.2	0.6	47.3	34.6	70.
20.4	63.0	6567.9	440.0	-24.5	-33.1	253.3	47.2*	45.2	13.6	314.4	316.2	0.5	44.4	35.5	70.
20.7	64.0	6684.5	433.0	-25.4	-34.5	253.0	47.8*	45.7	13.9	314.7	316.3	0.5	42.0	36.5	70.
21.0	65.0	6819.6	425.0	-26.1	-36.1	252.5	48.0*	45.8	14.5	315.5	316.9	0.4	38.2	37.6	70.
21.5	66.0	6956.9	417.0	-26.9	-38.1	251.4	48.6*	46.1	15.0	316.2	317.4	0.3	33.4	38.7	70.
21.8	67.0	7078.9	410.0	-27.6	-39.0	251.4	49.3*	46.7	15.7	316.9	318.0	0.3	32.3	39.5	70.
22.2	68.0	7202.5	403.0	-28.6	-39.6	251.4	49.2*	46.6	15.7	317.1	318.2	0.3	33.7	40.9	70.
22.6	69.0	7309.8	397.0	-29.7	-40.3	251.2	48.2*	45.6	15.5	317.1	318.1	0.3	34.5	42.3	71.
23.0	70.0	7436.4	390.0	-30.7	-41.2	250.4	47.5*	44.8	15.9	317.3	318.2	0.3	34.7	43.0	71.
23.4	71.0	7583.3	382.0	-31.8	-42.1	250.1	49.7*	46.8	16.9	317.8	318.7	0.2	34.7	44.2	70.
23.8	72.0	7713.7	375.0	-33.0	-43.4	250.1	51.5*	48.4	17.5	317.9	318.7	0.2	33.9	45.6	70.
24.2	73.0	7827.0	369.0	-33.8	-45.0	249.9	51.9*	48.8	17.8	318.3	319.0	0.2	30.7	46.9	70.
24.6	74.0	7961.1	362.0	-34.6	-46.2	249.5	51.1*	47.9	17.5	319.0	319.6	0.2	29.2	48.1	70.
24.9	75.0	8077.7	356.0	-35.5	-47.0	248.9	50.5*	47.1	18.2	319.3	319.8	0.2	29.3	49.0	70.
25.3	76.0	8195.7	350.0	-36.7	-48.2	247.6	50.6*	46.8	19.1	319.2	319.7	0.1	28.7	50.2	70.
25.7	77.0	8315.3	344.0	-37.6	-49.3	246.0	51.3*	46.8	20.8	319.5	320.0	0.1	28.1	51.4	70.
26.1	78.0	8456.8	337.0	-38.8	-50.4	244.4	51.7*	46.6	22.4	319.7	320.1	0.1	27.8	52.6	70.
26.4	79.0	8559.2	332.0	-39.7	-51.3	243.5	51.3*	46.0	22.9	320.0	320.4	0.1	27.2	53.6	70.
26.8	80.0	8704.5	325.0	-40.9	99.9	243.2	51.4*	45.8	23.1	320.3	999.9	99.9	999.9	54.9	70.
27.3	81.0	8852.4	318.0	-41.9	99.9	243.2	54.4*	48.5	24.0	321.0	999.9	99.9	999.9	56.1	70.
27.7	82.0	8981.1	312.0	-43.1	99.9	242.7	58.8*	52.2	27.1	321.0	999.9	99.9	999.9	57.4	70.
28.0	83.0	9089.7	307.0	-43.8	99.9	242.0	62.5*	55.2	29.4	321.5	999.9	99.9	999.9	58.9	69.
28.4	84.0	9222.2	301.0	-44.4	99.9	240.8	65.5*	57.1	32.7	322.5	999.9	99.9	999.9	60.3	69.
28.7	85.0	9356.7	295.0	-45.6	99.9	240.0	66.9*	57.9	33.5	322.6	999.9	99.9	999.9	61.4	69.
29.3	86.0	9516.6	288.0	-46.1	99.9	238.4	67.2*	57.2	35.2	324.2	999.9	99.9	999.9	63.9	69.
29.6	87.0	9632.8	283.0	-47.1	99.9	237.7	66.5*	56.2	35.6	324.4	999.9	99.9	999.9	65.3	69.
30.0	88.0	9750.7	278.0	-48.0	99.9	237.1	65.9*	55.4	35.8	324.8	999.9	99.9	999.9	66.8	68.
30.4	89.0	9894.1	272.0	-49.3	99.9	237.8	68.5*	57.9	36.5	324.9	999.9	99.9	999.9	67.7	68.
30.8	90.0	10015.6	267.0	-49.9	99.9	238.3	69.0*	58.7	36.7	325.7	999.9	99.9	999.9	70.0	68.
31.2	91.0	10138.9	262.0	-51.1	99.9	238.8	67.7*	57.8	35.1	325.7	999.9	99.9	999.9	71.8	68.
31.6	92.0	10264.1	257.0	-51.7	99.9	239.4	66.6*	57.4	33.0	326.6	999.9	99.9	999.9	72.9	67.
32.0	93.0	10391.4	252.0	-52.2	99.9	241.0	70.1*	61.3	34.0	327.8	999.9	99.9	999.9	74.4	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
1115 GMT

161 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.4	94.0	10520.8	247.0	-53.3	99.9	242.5	78.2*	69.4	36.2	328.0	999.9	99.9	999.9	76.1	67.
32.8	95.0	10652.3	242.0	-54.1	99.9	242.6	84.0*	74.6	38.6	328.8	999.9	99.9	999.9	78.4	67.
33.3	96.0	10813.0	236.0	-55.0	99.9	241.8	82.9*	73.1	39.1	329.7	999.9	99.9	999.9	80.9	67.
33.7	97.0	10949.5	231.0	-56.2	99.9	240.9	72.6*	63.4	35.3	330.0	999.9	99.9	999.9	83.1	67.
34.1	98.0	11060.4	227.0	-56.8	99.9	239.9	58.4*	50.5	29.3	330.6	999.9	99.9	999.9	85.3	67.
34.5	99.0	11201.4	222.0	-57.0	99.9	239.8	49.7*	43.0	25.1	332.5	999.9	99.9	999.9	86.2	66.
35.0	100.0	11345.8	217.0	-56.5	99.9	243.1	72.4*	64.5	32.8	335.4	999.9	99.9	999.9	85.1	66.
35.5	101.0	11554.3	210.0	-55.7	99.9	245.2	93.7*	85.0	39.4	339.9	999.9	99.9	999.9	90.0	66.
35.9	102.0	11645.9	207.0	-56.3	99.9	245.9	77.7*	70.9	31.8	340.2	999.9	99.9	999.9	93.7	66.
36.4	103.0	11769.8	203.0	-56.2	99.9	245.5	53.5*	48.7	22.2	342.4	999.9	99.9	999.9	94.4	66.
36.7	104.0	11896.2	199.0	-56.5	99.9	245.0	53.5*	48.7	22.7	343.8	999.9	99.9	999.9	94.3	66.
37.2	105.0	12025.0	195.0	-56.7	99.9	245.5	73.5*	66.9	30.5	345.6	999.9	99.9	999.9	95.9	66.
37.6	106.0	12189.8	190.0	-56.7	99.9	246.3	92.5*	84.8	37.1	348.1	999.9	99.9	999.9	98.7	66.
38.0	107.0	12324.7	186.0	-56.8	99.9	246.9	97.7*	89.9	38.3	350.0	999.9	99.9	999.9	100.9	66.
38.4	108.0	12462.5	182.0	-56.7	99.9	246.8	79.8*	73.3	31.4	352.4	999.9	99.9	999.9	104.2	66.
38.9	109.0	12603.4	178.0	-56.7	99.9	247.7	56.2*	52.0	21.4	354.7	999.9	99.9	999.9	106.0	66.
39.2	110.0	12711.3	175.0	-56.3	99.9	249.1	52.9*	49.4	18.9	357.0	999.9	99.9	999.9	106.1	66.
39.8	111.0	12895.2	170.0	-56.8	99.9	251.0	66.9*	63.3	21.3	359.1	999.9	99.9	999.9	107.7	66.
40.2	112.0	13045.8	166.0	-57.5	99.9	251.4	75.5*	71.5	24.0	360.4	999.9	99.9	999.9	109.9	66.
40.6	113.0	13160.8	163.0	-58.2	99.9	252.0	72.4*	68.9	22.3	361.2	999.9	99.9	999.9	112.2	67.
41.0	114.0	13317.2	159.0	-58.5	99.9	252.8	56.5*	54.0	16.7	363.2	999.9	99.9	999.9	114.7	67.
41.4	115.0	13477.2	155.0	-58.9	99.9	250.6	46.2*	43.5	15.3	365.3	999.9	99.9	999.9	114.5	67.
42.0	116.0	13641.6	151.0	-58.2	99.9	245.6	51.1*	46.6	21.1	369.2	999.9	99.9	999.9	115.6	67.
42.5	117.0	13768.0	148.0	-58.2	99.9	246.1	63.8**	58.4	25.8	371.3	999.9	99.9	999.9	118.2	67.
43.0	118.0	13940.4	144.0	-58.5	99.9	247.2	75.3**	69.4	29.1	373.6	999.9	99.9	999.9	119.6	67.
43.6	119.0	14072.5	141.0	-59.2	99.9	246.5	88.7**	81.4	35.3	374.7	999.9	99.9	999.9	122.8	67.
44.0	120.0	14207.2	138.0	-59.5	99.9	246.1	91.1**	83.3	36.7	376.4	999.9	99.9	999.9	125.2	67.
44.4	121.0	14390.9	134.0	-60.3	99.9	246.6	78.6**	72.1	31.7	378.3	999.9	99.9	999.9	128.1	67.
44.9	122.0	14531.7	131.0	-61.7	99.9	247.4	59.7**	55.1	22.9	378.2	999.9	99.9	999.9	129.7	67.
45.4	123.0	14674.8	128.0	-62.6	99.9	246.9	49.4**	45.4	19.4	379.0	999.9	99.9	999.9	130.9	67.
45.8	124.0	14820.8	125.0	-63.6	99.9	245.9	47.9**	43.7	19.5	379.9	999.9	99.9	999.9	132.0	67.
46.2	125.0	14969.6	122.0	-64.3	99.9	246.0	47.5**	43.4	19.4	381.2	999.9	99.9	999.9	133.3	67.
46.7	126.0	15173.9	118.0	-63.6	99.9	247.3	46.3**	42.7	17.3	386.2	999.9	99.9	999.9	134.8	67.
47.1	127.0	15278.9	116.0	-63.6	99.9	248.2	45.9**	42.6	17.1	388.1	999.9	99.9	999.9	135.8	67.
47.7	128.0	15439.6	113.0	-63.7	99.9	247.4	48.7**	45.0	18.7	390.7	999.9	99.9	999.9	137.3	67.
48.0	129.0	15604.5	110.0	-64.1	99.9	246.7	50.3**	46.2	19.9	393.0	999.9	99.9	999.9	138.4	67.
48.4	130.0	15773.9	107.0	-63.9	99.9	245.5	50.4**	45.9	20.9	396.5	999.9	99.9	999.9	139.7	67.
49.0	131.0	15948.3	104.0	-63.6	99.9	243.5	51.2**	45.8	22.9	400.4	999.9	99.9	999.9	141.2	67.
49.4	132.0	16127.8	101.0	-64.1	99.9	242.4	50.5**	44.8	23.4	402.7	999.9	99.9	999.9	142.6	67.
49.8	133.0	16312.0	98.0	-65.1	99.9	241.5	44.4**	39.0	21.2	404.3	999.9	99.9	999.9	144.0	67.
50.2	134.0	16437.2	96.0	-66.5	99.9	240.8	35.2**	30.7	17.1	403.9	999.9	99.9	999.9	145.2	67.
50.7	135.0	16628.9	93.0	-67.5	99.9	241.7	26.6**	23.4	12.5	405.6	999.9	99.9	999.9	145.7	66.
51.1	136.0	16759.8	91.0	-67.5	99.9	244.3	28.1**	25.3	12.2	408.1	999.9	99.9	999.9	145.7	66.
51.8	137.0	17030.4	87.0	-67.7	99.9	246.4	45.7**	41.9	18.3	413.0	999.9	99.9	999.9	147.6	66.
52.3	138.0	17170.1	85.0	-68.6	99.9	246.5	54.3**	49.8	21.7	414.0	999.9	99.9	999.9	148.9	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
1115 GMT

161 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
52.9	139.0	17385.4	82.0	-68.6	99.9	246.5	49.0**	45.0	19.5	418.3	999.9	99.9	999.9	152.2	66.
53.5	140.0	17608.6	79.0	-68.8	99.9	246.1	35.0**	32.0	14.2	422.3	999.9	99.9	999.9	152.3	66.
54.1	141.0	17840.4	76.0	-68.6	99.9	242.9	26.5**	23.6	12.1	427.5	999.9	99.9	999.9	154.1	66.
54.8	142.0	18081.7	73.0	-68.6	99.9	239.1	22.1**	19.0	11.4	432.4	999.9	99.9	999.9	154.7	66.
55.3	143.0	18248.0	71.0	-69.0	99.9	242.2	27.2**	24.1	12.7	435.0	999.9	99.9	999.9	155.1	66.
56.0	144.0	18506.3	68.0	-68.8	99.9	245.9	28.5**	26.0	11.7	440.8	999.9	99.9	999.9	157.1	66.
56.7	145.0	18684.6	66.0	-69.7	99.9	246.4	19.0**	17.4	7.5	442.7	999.9	99.9	999.9	157.8	66.
57.4	146.0	18964.7	63.0	-65.5	99.9	246.4	28.8**	26.4	11.5	457.9	999.9	99.9	999.9	158.4	66.
58.1	147.0	19161.9	61.0	-63.4	99.9	247.2	36.5*	33.6	14.1	466.9	999.9	99.9	999.9	160.0	66.
58.9	148.0	19471.1	58.0	-64.3	99.9	258.3	12.8*	12.6	2.6	471.5	999.9	99.9	999.9	162.2	66.
59.6	149.0	19685.4	56.0	-64.9	99.9	54.0	12.1*	-9.8	-7.1	474.9	999.9	99.9	999.9	161.4	66.
60.4	150.0	20020.7	53.0	-65.7	99.9	73.7	5.6*	-5.4	-1.6	480.6	999.9	99.9	999.9	160.3	66.
61.3	151.0	20254.4	51.0	-65.7	99.9	243.0	16.1*	14.3	7.3	485.9	999.9	99.9	999.9	160.7	66.
62.0	152.0	20624.4	48.0	-63.9	99.9	256.9	24.8*	24.2	5.6	498.6	999.9	99.9	999.9	162.2	66.
62.9	153.0	20885.2	46.0	-63.9	99.9	258.8	21.2*	20.8	4.1	504.7	999.9	99.9	999.9	162.5	67.
63.9	154.0	21299.9	43.0	-62.4	99.9	249.8	30.2*	28.3	10.4	518.3	999.9	99.9	999.9	164.9	67.
64.8	155.0	21593.8	41.0	-62.6	99.9	257.2	9.3*	9.0	2.1	524.9	999.9	99.9	999.9	166.0	67.
65.7	156.0	22061.6	38.0	-63.4	99.9	252.6	15.7*	14.9	4.7	534.5	999.9	99.9	999.9	166.0	67.
66.8	157.0	22393.9	36.0	-63.2	99.9	287.9	6.2*	5.9	-1.9	543.3	999.9	99.9	999.9	167.2	67.
68.0	158.0	22746.0	34.0	-62.6	99.9	270.8	12.8*	12.8	-0.2	553.8	999.9	99.9	999.9	166.8	67.
69.1	159.0	23315.9	31.0	-62.4	99.9	254.2	65.1*	62.7	17.8	569.1	999.9	99.9	999.9	170.6	67.
70.3	160.0	23946.6	28.0	-60.8	99.9	259.7	27.7*	27.3	5.0	590.5	999.9	99.9	999.9	174.6	67.
71.8	161.0	24407.6	26.0	-60.8	99.9	40.1	21.1*	-13.6	-16.2	603.1	999.9	99.9	999.9	173.5	67.
73.3	162.0	25172.4	23.0	-59.5	99.9	251.9	66.3*	63.0	20.6	628.3	999.9	99.9	999.9	175.7	68.
75.1	163.0	25742.6	21.0	-58.9	99.9	270.8	10.7	10.7	-0.2	647.0	999.9	99.9	999.9	178.3	68.
77.0	164.0	26711.0	18.0	-58.5	99.9	999.9	99.9	99.9	99.9	677.2	999.9	99.9	999.9	999.9	999.

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
1415 GMT

100 226. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CO4P M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.9	4.0	1011.2	10.6	7.1	250.0	5.1	4.8	1.7	283.7	299.8	6.3	79.0	0.0	0.
0.1	4.0	22.2	1009.0	10.7	7.1	999.9	99.9	99.9	99.9	284.0	300.2	6.3	78.3	999.9	999.
0.3	5.0	113.4	998.0	9.1	5.3	999.9	99.9	99.9	99.9	283.2	297.6	5.6	76.8	999.9	999.
0.7	6.0	222.1	985.0	8.8	4.5	999.9	99.9	99.9	99.9	283.8	297.8	5.4	74.6	999.9	999.
1.0	7.0	315.8	974.0	12.6	4.6	999.9	99.9	99.9	99.9	288.6	303.1	5.5	58.3	999.9	999.
1.2	8.0	411.1	963.0	12.4	3.0	999.9	99.9	99.9	99.9	289.3	302.5	4.9	52.6	999.9	999.
1.7	9.0	498.5	953.0	11.7	2.5	255.2	11.8	11.4	3.0	289.4	302.3	4.8	53.2	0.9	68.
1.9	10.0	595.6	942.0	11.3	1.7	256.0	12.0	11.6	2.9	289.9	302.3	4.6	51.6	1.0	69.
2.2	11.0	702.7	930.0	11.1	0.8	256.9	12.4	12.1	2.8	290.8	302.6	4.4	48.8	1.2	71.
2.7	12.0	792.8	920.0	10.4	0.2	258.3	13.4	13.2	2.7	290.9	302.4	4.2	49.2	1.6	72.
2.9	13.0	892.8	909.0	9.5	-0.8	259.0	13.9	13.6	2.7	291.0	301.8	4.0	48.5	1.8	73.
3.1	14.0	984.5	899.0	8.8	-0.8	260.3	14.5	14.2	2.4	291.2	302.1	4.0	50.9	2.0	73.
3.5	15.0	1076.9	889.0	7.9	-0.5	264.0	15.7	15.7	1.6	291.2	302.5	4.2	55.3	2.3	74.
3.8	16.0	1198.4	876.0	7.6	-0.5	265.8	17.4	17.3	1.3	292.1	303.6	4.2	56.8	2.6	76.
4.1	17.0	1283.5	867.0	7.0	-1.9	267.0	19.0	18.9	1.0	292.4	302.9	3.8	53.0	2.9	77.
4.3	18.0	1378.7	857.0	6.2	-3.2	267.3	19.9	19.9	0.9	292.4	302.2	3.5	51.0	3.2	78.
4.8	19.0	1474.9	847.0	5.7	-3.4	267.9	22.4	22.4	0.8	292.8	302.6	3.5	52.0	3.8	79.
5.0	20.0	1572.0	837.0	5.2	-2.5	268.0	23.5	23.5	0.8	293.3	303.9	3.8	57.6	4.1	80.
5.3	21.0	1689.8	825.0	4.3	-2.6	268.4	25.1	25.1	0.7	293.7	304.3	3.8	60.7	4.5	81.
5.7	22.0	1789.1	815.0	3.7	-1.5	268.2	28.0	27.9	0.9	294.0	305.6	4.2	68.8	5.1	82.
6.0	23.0	1889.2	805.0	2.5	-1.5	267.8	30.5	30.5	1.2	293.9	305.6	4.3	74.7	5.6	82.
6.2	24.0	1980.2	796.0	2.0	1.0	265.5	30.9	30.8	2.4	294.4	308.6	5.2	93.1	6.0	83.
6.6	25.0	2082.3	786.0	1.7	-4.1	261.2	31.7	31.4	4.9	294.9	304.9	3.6	65.2	6.8	83.
6.9	26.0	2196.6	775.0	4.7	-12.4	258.5	32.3	31.7	6.5	299.1	304.7	1.9	27.6	7.4	83.
7.2	27.0	2302.5	765.0	5.7	-12.3	256.2	33.0	32.0	7.9	301.3	307.0	1.9	25.9	8.0	82.
7.6	28.0	2399.3	756.0	5.3	-10.5	253.8	34.0	32.7	9.5	302.0	308.7	2.3	30.7	8.7	81.
7.9	29.0	2497.1	747.0	5.5	-11.0	252.7	34.9	33.3	10.4	303.2	309.7	2.2	29.2	9.3	81.
8.2	30.0	2607.1	737.0	4.7	-11.6	252.0	35.5	33.7	11.0	303.4	309.8	2.1	29.6	10.0	80.
8.6	31.0	2707.0	728.0	3.7	-12.3	251.1	35.9	34.0	11.6	303.4	309.5	2.0	29.9	10.9	80.
8.9	32.0	2796.6	720.0	2.7	-13.1	250.6	35.9	33.8	11.9	303.2	309.0	1.9	30.0	11.5	79.
9.1	33.0	2909.6	710.0	2.0	-13.7	250.4	35.9	33.8	12.0	303.7	309.4	1.9	30.0	11.9	79.
9.6	34.0	3012.3	701.0	0.9	-14.2	249.9	35.8	33.7	12.3	303.6	309.0	1.8	31.1	13.0	78.
9.9	35.0	3104.3	693.0	-0.4	-14.7	249.7	35.7	33.5	12.4	303.2	308.5	1.8	32.8	13.6	78.
10.2	36.0	3243.8	681.0	-1.3	-15.3	249.4	35.4	33.2	12.5	303.6	308.8	1.7	33.5	14.3	77.
10.7	37.0	3337.6	673.0	-2.2	-15.1	248.7	34.7	32.3	12.6	303.6	308.9	1.8	36.5	15.3	77.
10.9	38.0	3444.6	664.0	-3.1	-15.9	248.4	34.4	32.0	12.7	303.7	308.8	1.7	36.5	15.8	76.
11.2	39.0	3552.4	655.0	-4.1	-16.7	247.9	34.0	31.5	12.8	303.9	308.7	1.6	36.5	16.3	76.
11.6	40.0	3649.2	647.0	-5.1	-18.1	247.3	33.5	30.9	13.0	303.7	308.1	1.4	35.0	17.1	76.
12.0	41.0	3783.9	636.0	-5.4	-19.3	246.8	33.3	30.6	13.1	304.9	308.9	1.3	32.5	18.0	75.
12.2	42.0	3883.1	628.0	-6.3	-19.9	246.6	33.3	30.6	13.2	305.0	308.8	1.2	32.8	18.3	75.
12.7	43.0	3983.2	620.0	-7.3	-20.4	246.5	33.6	30.8	13.4	304.9	308.7	1.2	34.1	19.3	75.
12.9	44.0	4096.9	611.0	-8.1	-18.6	246.7	33.9	31.1	13.4	305.4	309.8	1.4	42.3	19.7	75.
13.2	45.0	4199.3	603.0	-8.6	-18.4	247.6	34.6	32.0	13.2	305.8	310.4	1.5	44.8	20.3	74.
13.6	46.0	4302.7	595.0	-9.5	-19.0	249.0	36.0	33.6	12.9	306.0	310.4	1.4	45.7	21.1	74.
13.9	47.0	4420.3	586.0	-10.1	-18.7	249.8	37.1	34.8	12.8	306.7	311.3	1.5	49.3	21.8	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
1415 GMT

100 226. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.2	48.0	4526.1	578.0	-11.1	-19.1	249.8	38.1	35.7	13.1	306.7	311.2	1.5	51.6	22.5	74.
14.6	49.0	4619.7	571.0	-11.5	-18.9	249.2	39.1	36.6	13.9	307.3	311.9	1.5	53.9	23.4	74.
14.9	50.0	4727.8	563.0	-12.1	-19.8	248.4	39.7	36.9	14.6	307.8	312.2	1.4	52.5	24.1	74.
15.2	51.0	4878.6	552.0	-12.6	-20.6	247.7	39.5	36.5	15.0	308.9	313.1	1.3	51.2	24.8	73.
15.6	52.0	4975.9	545.0	-13.5	-21.5	246.9	38.5	35.4	15.1	309.0	313.0	1.3	50.8	25.9	73.
15.9	53.0	5088.4	537.0	-14.0	-22.5	246.4	37.6	34.5	15.1	309.6	313.3	1.2	48.4	26.6	73.
16.2	54.0	5202.2	529.0	-14.7	-23.5	246.1	38.2	34.9	15.5	310.1	313.6	1.1	47.1	27.1	73.
16.6	55.0	5303.0	522.0	-15.4	-24.4	246.1	40.2	36.8	16.3	310.5	313.7	1.0	45.7	27.8	73.
17.0	56.0	5448.8	512.0	-16.4	-25.8	246.4	43.3	39.6	17.3	311.0	313.9	0.9	43.6	29.0	72.
17.2	57.0	5552.3	505.0	-16.8	-26.5	246.6	43.7	40.1	17.3	311.7	314.5	0.9	42.6	29.6	72.
17.7	58.0	5672.3	497.0	-16.8	-27.4	247.2	44.3*	40.9	17.2	313.1	315.8	0.8	39.3	30.9	72.
18.0	59.0	5778.7	490.0	-17.5	-28.1	247.5	44.2*	40.8	16.9	313.6	315.9	0.7	35.4	31.6	72.
18.2	60.0	5901.9	482.0	-18.2	-30.3	247.6	44.3*	40.9	16.8	314.2	316.3	0.6	33.4	32.2	72.
18.7	61.0	6011.1	475.0	-18.6	-31.4	247.8	44.0*	40.7	16.6	315.0	316.9	0.6	31.0	33.6	72.
19.0	62.0	6121.6	468.0	-19.5	-32.2	247.7	43.5*	40.3	16.6	315.1	317.0	0.5	31.4	34.5	72.
19.2	63.0	6249.4	460.0	-20.8	-33.7	247.4	43.5*	40.2	16.7	315.2	316.8	0.5	30.1	34.9	72.
19.7	64.0	6362.6	453.0	-21.6	-34.4	247.1	44.7*	41.1	17.3	315.5	317.1	0.5	30.1	36.1	71.
20.0	65.0	6477.2	446.0	-22.5	-34.7	247.4	46.4*	42.8	17.8	315.8	317.3	0.4	31.7	36.8	71.
20.2	66.0	6609.8	438.0	-23.8	-35.6	247.8	47.1*	43.7	17.8	315.7	317.1	0.4	32.6	37.4	71.
20.7	67.0	6727.2	431.0	-24.9	-36.6	248.5	46.9*	43.6	17.2	315.8	317.1	0.4	32.6	39.0	71.
21.0	68.0	6846.1	424.0	-25.7	-37.1	248.4	44.8*	41.7	16.5	316.2	317.5	0.4	33.2	40.1	71.
21.2	69.0	6966.5	417.0	-26.9	-38.3	247.8	43.3*	40.0	16.3	316.2	317.3	0.3	32.9	40.5	71.
21.7	70.0	7070.9	411.0	-27.5	-38.9	246.3	41.3*	37.8	16.6	316.8	317.9	0.3	32.3	41.5	71.
22.1	71.0	7212.0	403.0	-28.7	-40.4	245.5	42.2*	38.4	17.5	317.0	318.0	0.3	30.9	42.3	71.
22.5	72.0	7337.3	396.0	-29.5	-41.3	245.4	44.0*	40.0	16.3	317.5	318.4	0.3	30.3	43.8	71.
22.9	73.0	7446.1	390.0	-30.3	-42.1	246.2	44.3*	40.5	17.9	317.9	318.7	0.2	30.0	44.6	70.
23.1	74.0	7574.7	383.0	-31.4	-43.0	246.5	44.4*	40.7	17.7	318.1	318.9	0.2	30.4	45.1	70.
23.6	75.0	7686.3	377.0	-32.4	-43.7	247.0	44.8*	41.2	17.5	318.1	318.8	0.2	31.3	46.5	70.
23.9	76.0	7799.2	371.0	-33.3	-44.0	246.7	45.9*	42.2	18.2	318.5	319.2	0.2	32.6	47.4	70.
24.2	77.0	7913.6	365.0	-34.2	-44.6	246.5	48.0*	44.1	19.1	318.7	319.4	0.2	33.7	48.1	70.
24.7	78.0	8029.3	359.0	-35.3	-45.6	246.5	52.0*	47.7	20.7	318.7	319.4	0.2	33.7	49.5	70.
25.0	79.0	8166.3	352.0	-36.1	-46.1	246.7	54.0*	49.6	21.4	319.4	320.1	0.2	34.6	50.8	70.
25.3	80.0	8285.3	346.0	-37.4	-46.0	246.5	53.3*	48.8	21.3	319.3	320.0	0.2	39.5	51.7	70.
25.9	81.0	8426.1	339.0	-38.6	-46.7	246.0	52.2*	47.6	21.3	319.5	320.1	0.2	41.8	53.4	70.
26.2	82.0	8548.5	333.0	-39.6	-47.8	245.6	53.8*	48.9	22.2	319.8	320.3	0.1	40.8	54.3	70.
26.7	83.0	8651.9	328.0	-40.0	99.9	244.6	58.1*	52.5	24.9	320.7	999.9	99.9	999.9	55.9	70.
27.0	84.0	8777.7	322.0	-41.3	99.9	243.8	60.7*	54.4	26.8	320.6	999.9	99.9	999.9	56.9	70.
27.3	85.0	8905.2	316.0	-42.2	99.9	242.8	57.9*	51.5	26.5	321.1	999.9	99.9	999.9	58.4	69.
27.9	86.0	9034.5	310.0	-43.5	99.9	241.3	50.5*	44.3	24.2	321.1	999.9	99.9	999.9	60.5	69.
28.2	87.0	9165.8	304.0	-44.2	99.9	241.6	50.6*	44.5	24.1	321.9	999.9	99.9	999.9	61.0	69.
28.7	88.0	9276.7	299.0	-45.2	99.9	242.6	56.8*	50.5	26.1	321.9	999.9	99.9	999.9	62.2	69.
29.0	89.0	9411.8	293.0	-46.3	99.9	243.1	62.6*	55.8	28.4	322.3	999.9	99.9	999.9	63.7	69.
29.2	90.0	9525.9	288.0	-47.3	99.9	242.8	63.4*	56.4	29.0	322.4	999.9	99.9	999.9	64.5	69.
29.8	91.0	9641.4	283.0	-48.4	99.9	241.6	62.6*	55.1	29.8	322.5	999.9	99.9	999.9	66.9	69.
30.0	92.0	9782.3	277.0	-49.2	99.9	241.1	61.2*	53.6	29.6	323.4	999.9	99.9	999.9	67.8	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
1415 GMT

100 226. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CGMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
30.3	93.0	9901.5	272.0	-50.3	99.0	240.3	59.4*	51.6	29.4	323.4	999.9	99.9	999.9	68.4	68.
30.8	94.0	10022.4	267.0	-50.9	99.0	239.3	56.8*	48.8	25.0	324.2	999.9	99.9	999.9	70.5	68.
31.1	95.0	10145.2	262.0	-51.9	99.0	238.6	53.5*	45.7	27.9	324.6	999.9	99.9	999.9	71.7	68.
31.5	96.0	10295.0	256.0	-53.0	99.9	236.7	44.2*	37.0	24.2	325.1	999.9	99.9	999.9	72.0	68.
31.9	97.0	10422.0	251.0	-53.7	99.9	243.8	76.1	68.3	33.6	325.9	999.9	99.9	999.9	73.8	68.
32.1	98.0	10551.0	246.0	-54.8	99.9	999.9	99.9	99.9	99.9	326.0	999.9	99.9	999.9	999.9	999.
32.6	99.0	10655.7	242.0	-55.4	99.9	999.9	99.9	99.9	99.9	326.8	999.9	99.9	999.9	999.9	999.
32.9	100.0	10788.8	237.0	-55.7	99.0	999.9	99.9	99.9	95.9	328.2	999.9	99.9	999.9	999.9	999.
33.2	101.0	10979.7	230.0	-55.7	99.0	999.9	99.9	99.9	99.9	331.1	999.9	99.9	999.9	999.9	999.
33.8	102.0	11091.3	226.0	-56.2	99.0	999.9	99.9	99.9	99.9	331.9	999.9	99.9	999.9	999.9	999.



STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
1715 GMT

159 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P. DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	4.0	1010.1	14.3	9.1	240.0	5.7	4.9	2.9	287.6	306.3	7.2	71.0	0.0	0.
0.4	6.0	113.9	997.0	11.8	7.7	247.8	9.5	8.8	3.6	286.1	303.3	6.6	75.8	0.3	51.
0.6	7.0	189.8	988.0	11.1	7.1	248.1	9.9	9.2	3.7	286.1	302.8	6.4	76.5	0.4	54.
1.0	8.0	274.7	978.0	10.5	6.2	248.8	11.5	10.7	4.1	286.3	302.2	6.1	74.4	0.6	59.
1.4	9.0	369.3	967.0	12.0	4.5	251.1	13.0	12.3	4.2	288.7	303.3	5.5	60.4	0.9	63.
1.7	10.0	456.3	957.0	11.6	2.5	252.9	13.7	13.1	4.0	289.0	302.0	4.8	53.8	1.2	65.
2.1	11.0	561.8	945.0	11.3	-0.4	254.7	14.5	14.0	3.8	289.6	300.3	3.9	44.5	1.5	67.
2.4	12.0	650.6	935.0	11.3	-4.1	254.5	15.3	14.7	4.1	290.3	298.7	3.0	33.8	1.8	68.
2.7	13.0	740.3	925.0	10.9	-4.4	255.6	15.5	15.0	3.9	290.9	299.1	3.0	33.8	2.0	69.
3.0	14.0	830.8	915.0	10.4	-5.3	257.2	15.5	15.1	3.4	291.2	299.0	2.8	32.8	2.3	69.
3.3	15.0	922.1	905.0	10.0	-6.3	260.7	16.0	15.8	2.6	291.7	298.8	2.5	29.8	2.6	71.
3.7	16.0	1042.2	892.0	9.6	-8.5	263.5	17.7	17.5	2.0	292.5	298.8	2.2	26.6	3.0	72.
4.0	17.0	1126.2	883.0	8.7	-8.1	264.2	19.5	19.4	2.0	292.4	299.1	2.4	29.5	3.3	73.
4.3	18.0	1220.3	873.0	8.2	-6.2	262.7	21.8	21.6	2.8	292.8	300.6	2.8	35.5	3.7	75.
4.6	19.0	1315.3	863.0	7.7	-5.3	261.6	23.8	23.6	3.5	293.3	301.7	3.0	39.3	4.1	75.
4.8	20.0	1401.6	854.0	7.1	-2.0	261.0	24.7	24.4	3.8	293.7	304.4	3.9	52.2	4.4	76.
5.2	21.0	1508.1	843.0	6.3	-1.6	260.7	26.4	26.0	4.3	293.9	305.1	4.0	57.0	5.0	76.
5.5	22.0	1605.9	833.0	5.4	-2.0	261.0	27.6	27.2	4.3	294.0	305.0	4.0	58.9	5.5	77.
5.7	23.0	1704.5	823.0	4.5	-2.3	260.9	28.4	28.0	4.5	294.1	305.0	3.9	61.2	5.8	77.
6.1	24.0	1794.0	814.0	3.7	-2.5	260.9	29.3	28.9	4.6	294.1	304.9	3.9	63.5	6.5	77.
6.4	25.0	1884.2	805.0	2.7	-2.2	261.4	28.4	28.1	4.2	294.0	305.2	4.1	70.1	7.0	78.
6.7	26.0	1995.5	794.0	1.7	-2.1	261.3	28.8	28.5	4.3	294.2	305.6	4.1	75.8	7.5	78.
7.1	27.0	2097.6	784.0	0.8	-5.6	260.5	30.2	29.8	5.0	294.1	303.1	3.2	62.3	8.2	78.
7.4	28.0	2190.4	775.0	0.4	-2.6	259.2	31.4	30.8	5.9	294.8	306.1	4.1	80.0	8.8	79.
7.7	29.0	2284.3	766.0	1.6	-18.5	257.8	32.6	31.9	5.9	296.6	300.1	1.1	20.5	9.3	79.
8.1	30.0	2379.7	757.0	2.9	-22.3	256.2	34.0	33.1	4.1	299.0	301.5	0.8	13.0	10.1	78.
8.4	31.0	2476.4	748.0	2.7	-30.3	255.4	34.6	33.5	3.7	299.8	301.1	0.4	6.5	10.8	78.
8.7	32.0	2574.1	739.0	2.1	-21.0	254.7	34.8	33.6	9.2	300.2	303.2	1.0	16.1	11.5	78.
9.1	33.0	2672.9	730.0	1.6	-21.7	254.0	34.8	33.4	9.6	300.7	303.5	0.9	15.7	12.3	78.
9.4	34.0	2772.6	721.0	0.8	-18.6	253.7	34.6	33.2	9.7	300.9	304.6	1.2	21.5	12.9	77.
9.7	35.0	2862.2	713.0	0.4	-16.7	253.6	34.6	33.2	9.8	301.5	305.9	1.4	26.2	13.5	77.
10.2	36.0	2986.5	702.0	-1.0	-16.3	254.0	35.1	33.8	9.7	301.3	305.9	1.5	30.0	14.6	77.
10.5	37.0	3078.0	694.0	-1.2	-17.1	254.3	35.8	34.5	9.7	302.1	306.5	1.4	28.6	15.1	77.
10.9	38.0	3181.8	685.0	-2.2	-18.9	254.1	37.2	35.8	10.2	302.0	305.9	1.3	26.7	16.0	77.
11.3	39.0	3286.7	676.0	-3.0	-12.6	253.3	38.0	36.4	10.9	302.4	308.8	2.1	47.4	17.0	77.
11.5	40.0	3381.0	668.0	-3.5	-13.7	252.9	38.4	36.7	11.3	302.9	308.9	2.0	45.1	17.5	77.
11.9	41.0	3500.0	658.0	-4.4	-15.2	251.4	39.3	37.3	12.5	303.1	308.5	1.8	42.5	18.3	76.
12.3	42.0	3608.5	649.0	-5.0	-12.9	250.5	41.0*	38.6	13.7	303.7	310.2	2.2	53.6	19.3	76.
12.6	43.0	3705.8	641.0	-5.9	-13.1	250.2	42.3*	39.8	14.4	303.7	310.2	2.2	56.5	20.0	76.
12.9	44.0	3804.2	633.0	-6.6	-13.9	250.1	43.4*	40.8	14.8	304.0	310.2	2.1	56.3	20.8	76.
13.3	45.0	3903.4	625.0	-7.5	-13.1	249.8	43.4*	40.7	15.0	304.1	310.7	2.2	64.1	21.9	75.
13.7	46.0	4016.2	616.0	-8.6	-12.9	249.2	42.2*	39.5	15.0	304.2	311.0	2.3	70.5	23.0	75.
14.1	47.0	4117.5	608.0	-9.1	-13.2	248.5	40.6*	37.7	14.9	304.6	311.4	2.3	72.3	24.0	75.
14.5	48.0	4219.9	600.0	-10.1	-13.5	248.0	39.5*	36.6	14.8	304.6	311.3	2.2	76.1	24.6	75.
14.8	49.0	4323.3	592.0	-10.9	-13.4	248.1	39.2*	36.3	14.6	305.0	311.8	2.3	81.5	25.6	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
1715 GMT

159 18. 6

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.3	50.0	4427.8	584.0	-11.6	-16.3	248.5	39.0*	36.3	11.3	305.3	310.8	1.8	67.9	26.7	74.
15.7	51.0	4560.1	574.0	-12.3	-19.8	249.5	39.8*	37.3	14.0	305.9	310.2	1.4	53.3	27.6	74.
16.0	52.0	4667.3	566.0	-13.0	-19.9	250.4	41.0*	38.6	13.7	306.3	310.6	1.4	55.9	28.4	74.
16.4	53.0	4762.0	559.0	-13.7	-22.3	251.9	41.9*	39.9	13.0	306.5	310.1	1.1	48.0	29.3	74.
16.7	54.0	4871.6	551.0	-14.2	-22.5	252.6	41.7*	39.8	12.5	307.1	310.7	1.1	49.5	30.2	74.
17.0	55.0	4968.5	544.0	-14.7	-23.1	253.2	41.0*	39.3	11.9	307.7	311.2	1.1	49.0	31.2	74.
17.4	56.0	5094.7	535.0	-15.2	-23.5	253.6	41.0*	39.3	11.6	308.5	311.9	1.1	48.6	31.7	74.
17.8	57.0	5208.6	527.0	-15.5	-23.9	254.1	43.2*	41.5	11.8	309.5	312.9	1.0	48.1	32.8	74.
18.1	58.0	5324.0	519.0	-15.8	-25.3	254.3	45.4*	43.7	12.3	310.6	313.6	0.9	43.5	33.7	74.
18.5	59.0	5426.4	512.0	-15.9	-26.7	253.9	48.8*	46.9	13.5	311.6	314.3	0.8	38.9	34.4	74.
18.8	60.0	5530.0	505.0	-17.0	-27.8	252.6	49.3*	47.1	14.7	311.5	314.0	0.8	38.4	35.7	74.
19.2	61.0	5634.7	498.0	-17.4	-28.7	250.9	49.3*	46.5	16.1	312.2	314.5	0.7	36.4	37.0	74.
19.5	62.0	5755.9	490.0	-17.8	-26.7	249.4	48.7*	45.6	17.1	313.2	316.0	0.9	45.7	37.7	74.
19.9	63.0	5863.4	483.0	-18.6	-34.3	248.4	48.9*	45.5	18.0	313.4	314.9	0.4	23.5	38.7	73.
20.3	64.0	5972.2	476.0	-19.2	-35.9	247.5	48.6*	44.9	13.6	314.0	315.3	0.4	21.1	40.2	73.
20.6	65.0	6082.2	469.0	-20.1	-35.9	246.9	47.9*	44.1	18.8	314.2	315.5	0.4	22.8	41.1	73.
21.1	66.0	6209.4	461.0	-21.3	-36.7	245.7	46.5*	42.4	19.1	314.2	315.4	0.3	23.3	42.2	73.
21.4	67.0	6322.0	454.0	-22.5	-37.3	245.2	46.6*	42.3	19.6	314.1	315.3	0.3	24.6	43.2	73.
21.7	68.0	6435.9	447.0	-23.5	-37.2	244.9	47.6*	43.1	20.2	314.3	315.5	0.3	26.8	44.0	73.
22.1	69.0	6551.1	440.0	-24.3	-37.3	244.6	49.1*	44.4	21.1	314.7	315.9	0.3	27.2	45.0	72.
22.4	70.0	6667.9	433.0	-25.2	-38.7	244.2	49.6*	44.6	21.6	315.0	316.0	0.3	26.9	46.0	72.
22.8	71.0	6803.3	425.0	-25.3	-39.4	243.4	48.9*	43.8	21.9	316.5	317.5	0.3	25.5	47.4	72.
23.2	72.0	6906.2	419.0	-26.7	-40.8	242.6	48.6*	43.1	22.3	316.1	317.0	0.3	24.8	48.4	72.
23.6	73.0	7027.6	412.0	-27.9	-41.0	242.0	49.1*	43.3	23.0	316.0	316.9	0.3	27.0	49.3	72.
23.9	74.0	7132.7	406.0	-28.9	-41.8	241.7	50.0*	44.0	23.7	316.0	316.8	0.2	27.4	50.4	72.
24.3	75.0	7256.9	399.0	-29.9	-41.8	241.9	50.7*	44.7	23.9	316.4	317.2	0.2	30.0	51.7	71.
24.7	76.0	7364.9	393.0	-30.1	-41.3	243.3	51.6*	46.1	23.2	317.4	318.3	0.2	30.6	52.7	71.
25.1	77.0	7474.2	387.0	-31.2	-41.5	245.4	53.0*	48.2	22.0	317.4	318.3	0.3	35.2	53.8	71.
25.5	78.0	7584.8	381.0	-31.9	-42.5	247.4	54.4*	50.2	20.9	317.9	318.8	0.2	33.7	55.6	71.
25.9	79.0	7696.8	375.0	-32.5	-43.8	247.7	54.7*	50.6	20.8	318.5	319.2	0.2	31.3	56.5	71.
26.2	80.0	7810.3	369.0	-33.3	-43.9	247.5	56.0*	51.7	21.4	318.9	319.7	0.2	37.1	57.5	71.
26.6	81.0	7963.9	361.0	-34.5	-43.4	247.2	58.7*	54.1	22.7	319.3	320.1	0.2	39.9	59.0	71.
27.0	82.0	8080.8	355.0	-35.9	-45.0	247.5	62.6*	57.9	24.0	319.0	319.7	0.2	38.2	59.9	70.
27.4	83.0	8199.1	349.0	-36.7	-45.7	247.9	61.4*	56.9	23.1	319.5	320.1	0.2	38.3	62.1	70.
27.7	84.0	8318.9	343.0	-37.6	-45.8	247.8	59.3*	54.9	22.4	319.8	320.4	0.2	41.5	63.4	70.
28.1	85.0	8420.0	338.0	-38.6	-46.9	247.4	57.9*	53.4	22.3	319.8	320.4	0.2	40.8	64.6	70.
28.6	86.0	8563.4	331.0	-40.0	-48.7	246.6	65.5*	60.1	26.0	319.8	320.3	0.1	38.2	65.4	70.
28.9	87.0	8688.2	325.0	-40.8	99.9	246.2	71.6*	65.5	29.8	320.5	999.9	99.9	999.9	67.3	70.
29.4	88.0	8814.7	319.0	-41.8	99.9	245.6	69.7*	63.5	28.8	320.8	999.9	99.9	999.9	70.2	70.
29.7	89.0	8921.6	314.0	-42.8	99.9	244.9	64.4*	58.4	27.3	320.9	999.9	99.9	999.9	71.3	70.
30.1	90.0	9051.4	308.0	-44.0	99.9	243.6	57.8*	51.7	25.7	320.9	999.9	99.9	999.9	72.3	70.
30.5	91.0	9183.2	302.0	-44.7	99.9	241.7	56.8*	50.1	26.9	321.7	999.9	99.9	999.9	73.3	70.
30.9	92.0	9294.7	297.0	-45.6	99.9	239.6	57.0*	49.1	28.8	322.0	999.9	99.9	999.9	75.0	70.
31.3	93.0	9407.5	292.0	-46.8	99.9	237.6	54.2*	45.7	29.0	321.9	999.9	99.9	999.9	76.7	69.
31.7	94.0	9545.1	286.0	-47.2	99.9	236.7	52.9*	44.2	29.0	323.2	999.9	99.9	999.9	77.7	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
1715 GMT

159 18. 0

TIME MIN	CNTCT	HEIGHT GPM	FRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.1	95.0	9661.4	281.0	-48.6	99.9	237.5	55.6*	46.9	29.9	322.9	999.9	99.9	999.9	78.2	69.
32.6	96.0	9803.0	275.0	-49.8	99.9	240.1	64.4*	55.9	32.1	323.1	999.9	99.9	999.9	80.5	69.
32.9	97.0	9922.8	270.0	-50.9	99.9	241.6	68.3*	60.1	32.5	323.3	999.9	99.9	999.9	82.0	69.
33.3	98.0	10044.3	265.0	-51.6	99.9	242.8	68.6*	61.0	31.3	323.9	999.9	99.9	999.9	83.2	68.
33.7	99.0	10167.7	260.0	-52.4	99.9	243.1	65.2*	58.1	29.5	324.5	999.9	99.9	999.9	85.1	68.
34.1	100.0	10293.0	255.0	-53.2	99.9	242.5	60.6*	53.7	28.0	325.1	999.9	99.9	999.9	87.3	68.
34.7	101.0	10446.0	249.0	-54.3	99.9	241.5	59.8*	52.5	28.6	325.7	999.9	99.9	999.9	88.1	68.
35.0	102.0	10549.6	245.0	-55.2	99.9	241.3	61.3*	53.7	29.4	325.9	999.9	99.9	999.9	89.6	68.
35.4	103.0	10680.9	240.0	-56.3	99.9	240.6	60.1*	52.4	29.5	326.1	999.9	99.9	999.9	91.8	68.
35.7	104.0	10814.6	235.0	-56.5	99.9	240.1	62.7*	54.3	31.2	327.8	999.9	99.9	999.9	92.4	68.
36.1	105.0	10951.0	230.0	-56.7	99.9	240.1	71.9**	62.4	35.8	329.6	999.9	99.9	999.9	93.1	68.
36.5	106.0	11062.0	226.0	-57.5	99.9	241.3	92.0**	80.7	44.2	329.9	999.9	99.9	999.9	95.0	67.
36.8	107.0	11203.2	221.0	-58.0	99.9	241.9	99.9**	88.2	47.0	331.3	999.9	99.9	999.9	96.8	67.
37.2	108.0	11318.4	217.0	-57.5	99.9	242.0	94.8**	83.7	44.4	333.8	999.9	99.9	999.9	100.4	67.
37.6	109.0	11465.6	212.0	-57.7	99.9	241.1	72.7**	63.6	35.1	335.8	999.9	99.9	999.9	103.9	67.
38.0	110.0	11585.7	208.0	-57.9	99.9	238.4	46.6**	30.7	24.4	337.3	999.9	99.9	999.9	103.7	67.
38.5	111.0	11739.5	203.0	-56.8	99.9	239.0	51.3**	44.0	26.4	341.3	999.9	99.9	999.9	103.4	67.
38.9	112.0	11865.3	199.0	-57.9	99.9	241.5	73.0**	64.1	34.9	341.6	999.9	99.9	999.9	105.7	67.
39.3	113.0	11993.2	195.0	-58.4	99.9	243.3	84.0**	75.0	37.8	342.8	999.9	99.9	999.9	108.1	67.
39.7	114.0	12156.8	190.0	-57.9	99.9	245.1	81.8**	74.2	34.5	346.2	999.9	99.9	999.9	110.6	67.
40.1	115.0	12291.7	186.0	-55.7	99.9	247.0	69.8**	64.3	27.3	351.9	999.9	99.9	999.9	112.8	67.
40.6	116.0	12430.3	182.0	-55.3	99.9	248.4	57.3**	53.3	21.1	354.6	999.9	99.9	999.9	114.0	67.
41.1	117.0	12572.3	178.0	-54.7	99.9	248.0	60.0**	55.6	22.5	357.9	999.9	99.9	999.9	115.3	67.
41.4	118.0	12717.6	174.0	-55.2	99.9	247.9	65.9**	61.1	24.8	359.5	999.9	99.9	999.9	116.3	67.
41.9	119.0	12865.8	170.0	-55.8	99.9	248.5	69.2**	64.3	25.3	360.8	999.9	99.9	999.9	119.2	67.
42.3	120.0	13017.3	166.0	-56.0	99.9	248.6	68.8**	64.1	15.1	362.9	999.9	99.9	999.9	120.8	67.
42.7	121.0	13172.3	162.0	-56.5	99.9	247.8	73.3**	67.8	17.7	364.6	999.9	99.9	999.9	121.9	67.
43.2	122.0	13290.8	159.0	-56.8	99.9	246.3	87.8**	80.4	25.3	366.0	999.9	99.9	999.9	124.0	67.
43.6	123.0	13452.2	155.0	-57.0	99.9	245.6	98.9**	90.1	40.8	368.4	999.9	99.9	999.9	126.7	67.
44.1	124.0	13617.6	151.0	-57.4	99.9	245.8	96.8**	88.3	39.6	370.6	999.9	99.9	999.9	130.1	67.
44.5	125.0	13744.4	148.0	-57.4	99.9	246.9	82.7**	76.0	32.5	372.7	999.9	99.9	999.9	132.9	67.
45.1	126.0	13961.2	143.0	-58.2	99.9	249.0	63.1**	58.9	22.6	374.9	999.9	99.9	999.9	134.7	67.
45.5	127.0	14094.6	140.0	-58.6	99.9	249.4	60.8**	56.9	11.3	376.6	999.9	99.9	999.9	135.9	67.
46.1	128.0	14276.3	136.0	-59.8	99.9	249.0	69.9**	65.3	25.1	377.5	999.9	99.9	999.9	137.9	67.
46.5	129.0	14415.6	133.0	-60.2	99.9	249.2	72.6**	67.9	25.8	379.3	999.9	99.9	999.9	140.8	67.
47.0	130.0	14557.6	130.0	-61.1	99.9	249.2	73.4**	68.7	26.1	380.1	999.9	99.9	999.9	142.1	67.
47.5	131.0	14750.7	126.0	-63.4	99.9	248.9	78.2**	72.9	28.1	379.4	999.9	99.9	999.9	143.8	67.
48.0	132.0	14948.7	122.0	-63.7	99.9	249.3	73.8**	69.0	26.1	382.2	999.9	99.9	999.9	147.8	67.
48.5	133.0	15101.3	119.0	-64.1	99.9	249.7	58.8**	55.2	30.4	384.2	999.9	99.9	999.9	149.2	67.
49.1	134.0	15257.8	116.0	-63.7	99.9	247.8	50.2**	46.4	9.0	387.8	999.9	99.9	999.9	150.7	67.
49.5	135.0	15418.4	113.0	-64.1	99.9	245.8	49.3**	44.9	20.2	390.0	999.9	99.9	999.9	151.9	67.
50.1	136.0	15638.4	109.0	-65.3	99.9	240.5	34.1**	29.7	16.8	391.7	999.9	99.9	999.9	153.9	67.
50.7	137.0	15865.7	105.0	-65.7	99.9	220.0	17.1**	11.0	13.1	395.2	999.9	99.9	999.9	154.9	67.
51.3	138.0	16042.9	102.0	-63.2	99.9	227.6	36.5**	27.0	24.6	403.4	999.9	99.9	999.9	153.7	67.
52.0	139.0	16288.9	98.0	-63.4	99.9	239.0	88.6**	76.0	45.6	407.7	999.9	99.9	999.9	157.2	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
1715 GMT

159 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
52.6	140.0	16479.0	95.0	-65.3	99.9	242.5	95.4**	84.7	4.0	407.4	999.9	99.9	999.9	161.3	66.
53.2	141.0	16740.6	91.0	-65.7	99.9	244.9	72.7**	65.8	10.9	411.7	999.9	99.9	999.9	164.4	66.
53.8	142.0	16945.1	88.0	-64.1	99.9	248.9	44.8**	41.8	6.2	418.9	999.9	99.9	999.9	166.4	66.
54.5	143.0	17229.4	84.0	-64.9	99.9	260.7	17.4**	17.2	2.8	422.9	999.9	99.9	999.9	167.7	66.
55.1	144.0	17452.2	81.0	-63.0	99.9	58.8	18.0**	-15.4	-9.4	431.3	999.9	99.9	999.9	168.7	67.
55.8	145.0	17764.0	77.0	-63.0	99.9	70.0	30.2**	-28.4	-10.3	437.6	999.9	99.9	999.9	165.7	67.
56.5	146.0	18007.9	74.0	-64.3	99.9	102.2	7.8**	-7.6	1.6	439.7	999.9	99.9	999.9	164.4	66.
57.3	147.0	18261.1	71.0	-64.1	99.9	232.4	19.2**	15.2	1.7	445.4	999.9	99.9	999.9	165.2	66.
57.9	148.0	18525.5	68.0	-64.1	99.9	241.4	38.7**	34.0	8.5	450.9	999.9	99.9	999.9	166.2	66.
58.8	149.0	18897.7	64.0	-63.0	99.9	248.5	52.3**	48.6	19.2	461.4	999.9	99.9	999.9	169.2	66.
59.6	150.0	19193.2	61.0	-63.0	99.9	251.2	50.4**	47.7	16.2	467.7	999.9	99.9	999.9	171.6	66.
60.3	151.0	19503.7	58.0	-63.0	99.9	250.8	30.2**	28.6	9.9	474.5	999.9	99.9	999.9	174.1	66.
61.2	152.0	19943.9	54.0	-62.8	99.9	248.8	4.5**	4.2	1.6	484.8	999.9	99.9	999.9	174.0	66.
62.1	153.0	20295.3	51.0	-63.7	99.9	246.5	7.6**	7.0	3.0	490.5	999.9	99.9	999.9	174.9	66.
63.1	154.0	20666.8	48.0	-64.1	99.9	79.8	2.2**	-2.1	-0.4	498.1	999.9	99.9	999.9	175.3	66.
64.2	155.0	21062.1	45.0	-63.9	99.9	246.2	28.2**	25.8	11.4	507.9	999.9	99.9	999.9	174.3	66.
65.2	156.0	21632.9	41.0	-63.7	99.9	252.5	46.0*	43.9	13.9	522.1	999.9	99.9	999.9	178.1	67.
66.6	157.0	22099.4	38.0	-63.4	99.9	45.7	2.5*	-1.8	-1.7	534.6	999.9	99.9	999.9	179.0	67.
67.7	158.0	22606.6	35.0	-61.8	99.9	279.2	10.4*	10.2	-1.7	551.3	999.9	99.9	999.9	179.9	67.
69.1	159.0	23357.8	31.0	-61.8	99.9	249.1	39.5*	36.9	14.1	570.7	999.9	99.9	999.9	181.5	67.
70.6	160.0	23988.4	28.0	-61.5	99.9	253.3	0.6*	0.5	0.2	588.6	999.9	99.9	999.9	183.2	67.
72.2	161.0	24695.1	25.0	-59.1	99.9	254.7	24.6*	23.8	6.5	614.8	999.9	99.9	999.9	184.0	67.
73.9	162.0	25494.9	22.0	-60.0	99.9	247.1	18.8*	17.3	7.3	635.0	999.9	99.9	999.9	185.4	67.
76.1	163.0	26753.1	18.0	-58.2	99.9	999.9	99.9	99.9	9.9	678.1	999.9	99.9	999.9	999.9	999.

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
2015 GMT

139 59. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	4.0	1008.2	14.2	10.2	240.0	5.1	4.4	2.6	287.7	307.9	7.8	77.0	0.0	0.
0.4	6.0	89.7	998.0	12.4	8.2	232.3	9.9	7.8	6.1	286.6	304.3	6.8	75.4	0.3	48.
0.8	7.0	182.7	987.0	12.0	7.4	234.8	10.4	8.5	6.0	287.1	304.2	6.6	73.2	0.5	50.
1.1	8.0	276.5	976.0	11.3	6.0	237.8	10.9	9.2	5.8	287.2	303.0	6.0	70.2	0.7	51.
1.5	9.0	379.9	964.0	10.7	4.4	243.4	11.5	10.3	5.1	287.6	302.0	5.5	65.1	0.9	54.
1.9	10.0	466.8	954.0	10.5	2.6	250.1	11.9	11.2	4.1	288.2	301.0	4.8	57.8	1.2	57.
2.2	11.0	581.1	941.0	10.7	-1.6	253.7	12.1	11.6	3.4	289.3	299.1	3.6	42.1	1.4	59.
2.7	12.0	679.0	930.0	10.3	-4.0	257.4	12.7	12.4	2.8	289.8	298.3	3.1	36.1	1.8	63.
3.1	13.0	778.0	919.0	10.3	-9.1	258.6	13.9	13.6	2.8	290.7	296.6	2.1	24.4	2.1	65.
3.4	14.0	878.1	908.0	10.2	-12.2	259.8	15.0	14.8	2.7	291.4	296.2	1.7	19.3	2.3	67.
3.8	15.0	970.0	898.0	9.8	-10.0	261.1	16.7	16.5	2.6	292.0	297.7	2.0	23.6	2.7	69.
4.3	16.0	1090.9	885.0	9.4	-9.0	261.2	18.0	17.8	2.7	292.9	299.1	2.2	26.2	3.2	71.
4.7	17.0	1194.4	874.0	8.5	-12.9	260.0	17.8	17.6	3.1	292.9	297.7	1.6	20.4	3.7	72.
5.1	18.0	1289.4	864.0	8.2	-13.7	257.9	17.4	17.0	3.6	293.5	298.0	1.5	19.5	4.1	73.
5.5	19.0	1385.2	854.0	7.3	-16.8	256.3	18.4	17.9	4.4	293.5	297.1	1.2	16.1	4.5	73.
5.8	20.0	1481.9	844.0	6.8	-17.2	258.3	18.3	18.0	3.7	294.0	297.5	1.2	16.1	4.8	73.
6.2	21.0	1599.2	832.0	5.9	-16.2	260.8	18.6	18.4	3.0	294.2	297.5	1.1	15.7	5.3	74.
6.7	22.0	1698.1	822.0	5.5	-18.1	261.9	21.2	20.9	3.0	294.9	298.2	1.1	16.2	5.8	75.
7.0	23.0	1798.0	812.0	5.0	-18.5	261.1	24.2	23.9	3.8	295.4	298.7	1.1	16.2	6.2	75.
7.3	24.0	1898.9	802.0	4.7	-17.4	258.7	26.9	26.4	5.3	296.1	299.7	1.2	18.3	6.7	75.
7.6	25.0	2001.0	792.0	3.8	-15.1	256.9	28.6	27.8	6.5	296.3	300.7	1.5	23.4	7.2	76.
7.9	26.0	2135.3	779.0	3.7	-14.4	255.4	28.2	27.3	7.1	297.5	302.3	1.6	25.1	7.7	76.
8.2	27.0	2229.6	770.0	3.3	-14.1	254.2	28.4	27.3	7.7	298.2	303.1	1.7	26.4	8.2	76.
8.6	28.0	2324.9	761.0	3.0	-10.5	253.1	29.1	27.8	8.4	298.9	305.5	2.3	36.3	8.9	75.
9.0	29.0	2431.8	751.0	1.9	-10.6	252.9	30.1	28.8	8.9	298.8	305.4	2.3	39.1	9.5	75.
9.3	30.0	2539.9	741.0	1.7	-10.9	253.5	31.0	29.8	8.8	299.7	306.3	2.2	38.5	10.2	75.
9.7	31.0	2649.3	731.0	0.9	-12.4	254.3	32.2	31.0	8.7	300.0	305.9	2.0	36.2	10.9	75.
10.0	32.0	2748.6	722.0	0.1	-17.2	254.9	33.1	31.9	8.6	300.1	304.2	1.4	25.7	11.5	75.
10.3	33.0	2860.3	712.0	-0.4	-13.5	254.7	33.6	32.4	8.9	300.8	306.4	1.9	36.2	12.1	75.
10.7	34.0	2961.9	703.0	-1.2	-8.8	253.7	34.1	32.7	9.6	301.1	309.3	2.8	55.9	13.0	75.
11.0	35.0	3064.6	694.0	-1.8	-9.0	252.5	34.3	32.7	10.3	301.5	309.7	2.8	57.9	13.6	75.
11.4	36.0	3203.2	682.0	-2.9	-5.7	250.4	35.1	33.1	11.8	301.8	309.7	2.7	59.4	14.3	75.
11.9	37.0	3308.4	673.0	-3.4	-10.6	248.2	36.6	34.0	13.6	302.4	309.9	2.5	57.1	15.4	74.
12.2	38.0	3414.8	664.0	-4.3	-12.2	246.9	37.0	34.0	14.5	302.5	309.2	2.3	54.0	16.1	74.
12.6	39.0	3522.3	655.0	-4.7	-13.4	245.2	37.1	33.7	15.6	303.2	309.4	2.1	50.6	17.1	74.
13.1	40.0	3630.9	646.0	-6.0	-14.9	243.1	37.5	33.4	17.0	303.0	308.6	1.9	49.0	18.1	73.
13.6	41.0	3765.3	635.0	-6.8	-16.0	241.7	39.9	35.2	18.9	303.4	308.7	1.7	48.0	19.1	72.
14.0	42.0	3876.6	626.0	-7.6	-10.9	241.1	42.4	37.1	20.5	303.8	308.8	1.6	47.2	20.1	72.
14.4	43.0	3976.5	618.0	-8.6	-11.7	240.9	43.0*	37.6	20.9	303.7	308.4	1.5	47.4	21.3	71.
14.7	44.0	4090.2	609.0	-9.3	-18.0	241.1	43.1*	37.7	20.8	304.2	308.8	1.5	49.2	22.0	71.
15.2	45.0	4205.1	600.0	-10.5	-14.9	242.2	42.8*	37.9	20.0	304.2	310.3	2.0	70.2	23.2	70.
15.7	46.0	4308.3	592.0	-11.6	-13.3	244.0	42.7*	38.4	18.7	304.1	311.0	2.3	87.0	24.6	70.
16.0	47.0	4412.6	584.0	-11.8	-11.8	245.3	42.5*	38.6	17.8	305.1	313.0	2.7	100.2	25.2	70.
16.3	48.0	4531.7	575.0	-11.9	-11.9	246.4	42.1*	38.6	16.9	306.3	314.3	2.7	103.2	26.1	70.
16.7	49.0	4638.9	567.0	-12.6	-12.6	247.4	41.9*	38.7	16.1	306.7	314.4	2.6	103.1	27.1	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
2015 GMT

139 59. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.0	50.0	4747.4	559.0	-12.9	-17.9	247.9	41.9*	38.8	15.8	307.6	315.3	2.5	103.1	27.6	70.
17.4	51.0	4885.1	549.0	-13.3	-17.3	247.7	42.3*	39.1	16.1	308.7	316.3	2.5	103.0	28.9	70.
17.9	52.0	4996.7	541.0	-14.9	-14.9	247.6	42.4*	39.2	16.2	308.2	314.9	2.2	101.2	30.0	69.
18.2	53.0	5109.4	533.0	-15.7	-16.1	247.8	42.6*	39.4	16.1	308.4	314.7	2.0	96.4	30.8	69.
18.7	54.0	5223.4	525.0	-16.5	-17.2	248.2	43.6*	40.4	16.2	308.8	314.6	1.9	94.3	32.1	69.
19.0	55.0	5338.8	517.0	-17.2	-19.6	248.4	44.7*	41.6	16.5	309.3	314.1	1.6	81.7	32.7	69.
19.5	56.0	5470.4	508.0	-17.9	-21.4	247.8	45.3*	42.0	17.1	310.0	314.2	1.4	73.4	34.3	69.
19.9	57.0	5588.9	500.0	-19.0	-21.8	246.9	44.2*	40.6	17.3	310.0	313.9	1.2	71.5	35.6	69.
20.3	58.0	5708.9	492.0	-19.8	-25.7	246.6	45.5*	41.8	18.1	310.4	313.5	1.0	59.0	36.3	69.
20.7	59.0	5830.5	484.0	-20.2	-27.7	246.9	48.8*	44.9	19.1	311.4	314.0	0.8	50.9	37.2	69.
21.1	60.0	5953.9	476.0	-20.9	-27.0	247.6	52.1*	48.1	19.9	312.0	314.9	0.9	57.6	38.7	69.
21.4	61.0	6063.3	469.0	-21.4	-26.5	247.9	51.7*	47.9	19.4	312.7	315.7	0.9	63.2	39.9	69.
21.8	62.0	6174.2	462.0	-21.7	-24.8	247.8	49.0*	45.4	18.5	313.7	317.3	1.1	75.4	41.1	69.
22.2	63.0	6286.5	455.0	-22.9	-21.2	247.4	47.8*	44.1	18.4	313.6	316.5	0.9	67.1	42.0	69.
22.7	64.0	6416.4	447.0	-23.8	-21.6	246.8	50.4*	46.3	19.9	314.0	316.4	0.7	58.3	43.3	69.
23.1	65.0	6531.6	440.0	-24.1	-30.4	246.5	53.9*	49.4	21.5	315.0	317.3	0.7	55.6	44.8	69.
23.6	66.0	6682.0	431.0	-25.5	-32.2	246.6	56.7*	52.1	22.6	315.0	317.0	0.6	53.3	46.4	69.
24.0	67.0	6800.6	424.0	-26.6	-35.4	246.8	57.0*	52.4	22.4	315.1	316.6	0.4	42.6	47.6	69.
24.3	68.0	6920.6	417.0	-27.5	-36.8	247.1	55.1*	50.8	21.5	315.4	316.8	0.4	40.3	49.0	69.
24.8	69.0	7024.7	411.0	-28.3	-37.4	248.1	52.1*	48.4	19.5	315.7	317.0	0.4	41.0	50.5	69.
25.2	70.0	7147.7	404.0	-29.2	-36.3	249.5	50.9*	47.7	17.8	316.1	317.3	0.3	40.7	51.5	68.
25.7	71.0	7308.5	395.0	-29.8	-35.1	251.6	51.8*	49.2	16.4	317.4	318.6	0.3	39.6	53.3	69.
26.1	72.0	7435.8	388.0	-30.8	-40.4	252.3	55.3*	52.7	16.8	317.7	318.7	0.3	38.0	54.5	69.
26.6	73.0	7546.2	382.0	-31.7	-41.4	251.8	64.9*	61.7	20.3	317.8	318.8	0.3	37.5	55.7	69.
27.0	74.0	7657.9	376.0	-32.8	-42.5	251.1	72.8*	68.8	23.6	317.9	318.7	0.2	37.1	57.6	69.
27.3	75.0	7790.0	369.0	-33.6	-43.1	250.7	67.7*	63.9	22.4	318.5	319.3	0.2	37.5	59.4	69.
27.7	76.0	7924.1	362.0	-34.8	-44.1	250.2	56.7*	53.4	19.2	318.7	319.4	0.2	37.6	61.4	69.
28.1	77.0	8040.5	356.0	-35.6	-44.7	249.4	45.4*	42.5	16.0	319.1	319.8	0.2	38.6	62.5	69.
28.6	78.0	8178.4	349.0	-36.8	-45.6	248.5	50.3*	46.8	18.4	319.3	319.9	0.2	39.2	62.4	69.
29.0	79.0	8298.1	343.0	-38.1	-46.8	248.5	67.7*	63.0	24.9	319.2	319.8	0.2	38.8	63.9	69.
29.3	80.0	8419.4	337.0	-38.9	99.9	248.8	74.1*	69.1	26.8	319.8	999.9	99.9	999.9	65.8	69.
29.9	81.0	8583.8	329.0	-40.2	99.9	249.5	67.1*	62.8	23.5	320.1	999.9	99.9	999.9	69.3	69.
30.3	82.0	8709.1	323.0	-41.3	99.9	250.0	55.8*	52.4	19.1	320.3	999.9	99.9	999.9	70.6	69.
30.8	83.0	8836.1	317.0	-42.6	99.9	250.4	54.1*	51.0	18.2	320.2	999.9	99.9	999.9	71.1	69.
31.2	84.0	8964.9	311.0	-43.5	99.9	250.1	60.8*	57.2	20.7	320.8	999.9	99.9	999.9	72.4	69.
31.6	85.0	9095.6	305.0	-44.4	99.9	249.6	66.2*	62.0	23.1	321.2	999.9	99.9	999.9	74.8	69.
32.1	86.0	9250.8	298.0	-45.6	99.9	249.1	62.9*	58.8	22.5	321.7	999.9	99.9	999.9	76.9	69.
32.5	87.0	9363.4	293.0	-46.2	99.9	249.2	61.6*	57.6	21.9	322.5	999.9	99.9	999.9	77.8	69.
32.9	88.0	9500.5	287.0	-47.6	99.9	249.5	72.1*	67.5	25.3	322.3	999.9	99.9	999.9	78.9	69.
33.3	89.0	9616.3	282.0	-48.8	99.9	249.2	82.6*	77.2	29.4	322.2	999.9	99.9	999.9	81.3	69.
33.7	90.0	9757.2	276.0	-50.2	99.9	248.6	88.4**	82.3	32.3	322.2	999.9	99.9	999.9	83.7	69.
34.1	91.0	9876.4	271.0	-51.1	99.9	247.9	87.3**	80.9	32.9	322.6	999.9	99.9	999.9	85.7	69.
34.5	92.0	10021.7	265.0	-52.0	99.9	247.2	80.3**	74.0	31.1	323.3	999.9	99.9	999.9	87.9	69.
34.9	93.0	10144.6	260.0	-53.5	99.9	246.4	68.4**	62.7	27.4	323.0	999.9	99.9	999.9	90.0	69.
35.3	94.0	10269.3	255.0	-54.6	99.9	245.3	57.7**	52.4	24.1	323.1	999.9	99.9	999.9	91.3	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
2015 GMT

139 59. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.7	95.0	10395.8	250.0	-55.6	99.9	244.5	51.3**	46.3	22.1	323.5	999.9	99.9	999.9	92.3	69.
36.2	96.0	10550.2	244.0	-56.7	99.9	244.0	49.8**	44.7	21.8	324.0	999.9	99.9	999.9	93.6	69.
36.7	97.0	10681.3	239.0	-57.1	99.9	243.3	52.5**	46.9	23.6	325.4	999.9	99.9	999.9	95.5	69.
37.0	98.0	10815.1	234.0	-57.3	99.9	242.6	55.7**	49.4	25.6	327.1	999.9	99.9	999.9	97.2	69.
37.4	99.0	10951.7	229.0	-57.1	99.9	241.1	67.7**	59.3	32.7	329.4	999.9	99.9	999.9	96.1	69.
37.8	100.0	11091.4	224.0	-57.1	99.9	239.6	73.9**	63.7	37.4	331.5	999.9	99.9	999.9	99.3	68.
38.3	101.0	11262.7	218.0	-58.5	99.9	237.9	72.4**	61.3	38.4	331.9	999.9	99.9	999.9	102.5	68.
38.7	102.0	11408.3	213.0	-59.5	99.9	238.2	75.8**	64.5	39.9	332.5	999.9	99.9	999.9	103.0	68.
39.2	103.0	11526.7	209.0	-60.0	99.9	240.4	92.6**	80.5	45.7	333.5	999.9	99.9	999.9	104.6	68.
39.6	104.0	11677.7	204.0	-60.6	99.9	241.7	99.9**	88.0	47.4	334.9	999.9	99.9	999.9	108.3	68.
40.0	105.0	11800.8	200.0	-61.1	99.9	242.0	81.5**	72.0	38.2	336.0	999.9	99.9	999.9	112.0	67.
40.3	106.0	11958.0	195.0	-61.1	99.9	242.7	54.0**	48.0	24.7	338.4	999.9	99.9	999.9	113.1	67.
40.8	107.0	12087.6	191.0	-58.3	99.9	248.5	34.9**	32.5	12.8	345.0	999.9	99.9	999.9	112.5	67.
41.3	108.0	12221.5	187.0	-56.2	99.9	250.0	64.1**	60.2	21.9	350.4	999.9	99.9	999.9	112.3	68.
41.8	109.0	12393.9	182.0	-55.6	99.9	248.1	105.0**	97.4	39.1	354.2	999.9	99.9	999.9	115.8	68.
42.2	110.0	12535.7	178.0	-55.1	99.9	247.1	114.6**	105.6	44.5	357.3	999.9	99.9	999.9	119.0	68.
42.8	111.0	12717.6	173.0	-55.4	99.9	246.8	97.1**	89.2	38.2	359.6	999.9	99.9	999.9	123.8	67.
43.3	112.0	12866.5	169.0	-56.2	99.9	247.7	92.5**	85.5	35.1	360.7	999.9	99.9	999.9	125.1	67.
43.8	113.0	13018.5	165.0	-56.7	99.9	248.7	93.2**	86.9	33.8	362.3	999.9	99.9	999.9	129.0	67.
44.2	114.0	13174.1	161.0	-56.7	99.9	249.6	85.2**	79.8	29.7	364.9	999.9	99.9	999.9	131.9	68.
44.7	115.0	13333.5	157.0	-56.7	99.9	250.5	70.7**	66.7	23.6	367.5	999.9	99.9	999.9	133.4	68.
45.3	116.0	13538.5	152.0	-57.1	99.9	250.2	69.1**	65.1	23.4	370.3	999.9	99.9	999.9	135.2	68.
45.7	117.0	13664.3	149.0	-58.3	99.9	249.6	67.4**	63.2	23.5	370.4	999.9	99.9	999.9	137.3	68.
46.2	118.0	13835.0	145.0	-59.9	99.9	249.3	51.7**	48.4	18.3	370.5	999.9	99.9	999.9	140.1	68.
46.7	119.0	14009.2	141.0	-61.1	99.9	250.9	33.1**	31.3	10.8	371.3	999.9	99.9	999.9	140.7	68.
47.2	120.0	14142.6	138.0	-61.7	99.9	251.1	32.4**	30.7	10.5	372.6	999.9	99.9	999.9	140.8	68.
47.7	121.0	14324.6	134.0	-62.1	99.9	248.0	47.1**	43.7	17.6	375.1	999.9	99.9	999.9	142.3	68.
48.2	122.0	14511.6	130.0	-63.0	99.9	246.0	63.3**	57.8	25.7	376.7	999.9	99.9	999.9	143.8	68.
48.8	123.0	14655.3	127.0	-63.0	99.9	245.6	72.2**	65.7	29.8	379.2	999.9	99.9	999.9	146.8	68.
49.2	124.0	14802.1	124.0	-64.0	99.9	245.4	70.0**	63.6	29.1	380.0	999.9	99.9	999.9	148.8	68.
49.8	125.0	15022.7	120.0	-64.6	99.9	245.2	66.7**	60.6	28.0	382.5	999.9	99.9	999.9	150.7	68.
50.3	126.0	15209.8	116.0	-64.6	99.9	246.0	73.5**	67.1	29.9	386.2	999.9	99.9	999.9	152.4	68.
50.9	127.0	15369.8	113.0	-65.0	99.9	246.2	77.3**	70.7	31.2	388.4	999.9	99.9	999.9	156.0	68.
51.4	128.0	15589.9	109.0	-64.4	99.9	244.2	66.5**	59.9	28.9	393.6	999.9	99.9	999.9	158.3	68.
52.0	129.0	15760.9	106.0	-63.6	99.9	241.2	53.1**	46.5	25.6	398.2	999.9	99.9	999.9	159.9	67.
52.5	130.0	15937.1	103.0	-63.6	99.9	242.1	49.8**	44.0	23.3	401.5	999.9	99.9	999.9	161.5	67.
53.2	131.0	16180.9	99.0	-62.4	99.9	243.2	55.3**	49.3	24.9	408.3	999.9	99.9	999.9	163.6	67.
53.9	132.0	16370.6	96.0	-63.0	99.9	241.6	87.8**	77.3	41.8	410.8	999.9	99.9	999.9	165.5	67.
54.4	133.0	16565.4	93.0	-64.2	99.9	243.6	92.8	83.2	41.2	412.2	999.9	99.9	999.9	169.2	67.
55.1	134.0	16765.8	90.0	-65.0	99.9	999.9	99.9	99.9	99.9	414.5	999.9	99.9	999.9	999.9	999.
55.7	135.0	17042.8	86.0	-65.4	99.9	999.9	99.9	99.9	99.9	419.2	999.9	99.9	999.9	999.9	999.
56.3	136.0	17258.5	83.0	-66.0	99.9	999.9	99.9	99.9	99.9	422.2	999.9	99.9	999.9	999.9	999.
57.2	137.0	17558.7	79.0	-65.4	99.9	999.9	99.9	99.9	99.9	429.5	999.9	99.9	999.9	999.9	999.
58.0	138.0	17794.6	76.0	-65.0	99.9	999.9	99.9	99.9	99.9	435.1	999.9	99.9	999.9	999.9	999.
58.6	139.0	18124.8	72.0	-64.4	99.9	999.9	99.9	99.9	99.9	443.1	999.9	99.9	999.9	999.9	999.

\* BY SPFFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
2015 GMT

139 59. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
59.4	140.0	18384.2	69.0	-65.8	99.9	999.9	99.9	99.9	99.9	445.5	999.9	99.9	999.9	999.9	999.
60.3	141.0	18750.0	65.0	-62.3	99.9	999.9	99.9	99.9	99.9	460.9	999.9	99.9	999.9	999.9	999.
61.2	142.0	19040.6	62.0	-64.2	99.9	999.9	99.9	99.9	99.9	462.9	999.9	99.9	999.9	999.9	999.
62.0	143.0	19342.9	59.0	-66.0	99.9	999.9	99.9	99.9	99.9	465.5	999.9	99.9	999.9	999.9	999.



STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
2315 GMT

160 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	4.0	1008.1	12.4	10.6	250.0	4.1	3.9	1.4	285.9	306.5	8.0	89.0	0.0	0.
0.4	6.0	63.4	1001.0	13.0	4.4	233.1	12.4	9.9	7.5	286.7	300.6	5.3	56.1	0.3	44.
0.6	7.0	164.8	989.0	13.2	4.6	232.8	12.6	10.1	7.6	287.9	302.1	5.4	55.9	0.4	46.
1.1	8.0	241.8	980.0	13.5	5.0	232.3	13.4	10.6	8.2	289.1	303.9	5.6	56.0	0.8	49.
1.4	9.0	336.9	969.0	13.2	4.6	233.6	13.3	10.7	7.9	289.6	304.3	5.5	56.1	1.0	49.
1.7	10.0	424.1	959.0	12.6	4.1	236.6	12.4	10.4	6.8	289.9	304.2	5.4	56.3	1.3	51.
2.2	11.0	538.6	946.0	12.2	3.8	242.5	12.0	10.6	5.5	290.6	304.9	5.3	56.5	1.6	53.
2.7	12.0	627.6	936.0	11.7	3.3	244.6	13.9	12.6	6.0	290.9	304.9	5.2	56.5	2.0	55.
2.9	13.0	726.5	925.0	11.3	3.0	244.8	14.6	13.2	6.2	291.5	305.4	5.1	56.7	2.2	56.
3.3	14.0	817.2	915.0	10.6	2.3	247.0	15.0	13.8	5.9	291.7	305.0	5.0	56.7	2.5	57.
3.6	15.0	908.8	905.0	10.6	2.3	248.6	15.3	14.2	5.6	292.6	306.2	5.0	56.7	2.8	58.
4.0	16.0	1019.9	893.0	9.8	1.7	249.7	16.1	15.1	5.6	292.9	306.1	4.9	56.9	3.2	59.
4.4	17.0	1113.4	883.0	9.5	1.4	247.6	16.3	15.0	6.2	293.5	306.6	4.8	57.2	3.5	61.
4.8	18.0	1207.9	873.0	8.9	0.9	246.0	18.2	16.6	7.4	293.9	306.7	4.7	57.3	3.9	61.
5.1	19.0	1303.3	863.0	8.4	0.5	245.8	19.5	17.8	8.0	294.3	306.9	4.6	57.4	4.3	61.
5.4	20.0	1399.5	853.0	7.7	-0.1	247.2	19.5	17.9	7.5	294.5	306.7	4.5	57.7	4.7	62.
5.8	21.0	1516.3	841.0	7.5	-0.3	249.4	18.4	17.3	6.5	295.5	307.8	4.5	57.8	5.1	62.
6.3	22.0	1614.8	831.0	6.6	-1.0	249.8	20.1	18.9	6.9	295.5	307.4	4.3	57.9	5.6	63.
6.7	23.0	1714.2	821.0	6.1	-1.5	248.4	22.4	20.9	8.3	296.0	307.7	4.2	58.2	6.1	64.
6.9	24.0	1804.5	812.0	5.6	-1.9	247.5	23.2	21.5	8.9	296.4	307.8	4.1	58.4	6.4	64.
7.4	25.0	1905.7	802.0	4.7	-2.7	246.3	25.2	23.1	10.1	296.5	307.4	3.9	58.4	7.1	64.
7.7	26.0	2018.2	791.0	3.9	-3.4	245.7	26.0	23.7	10.7	296.8	307.3	3.8	58.6	7.6	64.
8.1	27.0	2121.5	781.0	2.7	-4.5	245.1	26.6	24.1	11.2	296.6	306.5	3.5	58.9	8.3	64.
8.4	28.0	2215.3	772.0	2.4	-4.7	244.8	26.8	24.3	11.4	297.2	307.0	3.5	59.1	8.7	64.
8.7	29.0	2310.0	763.0	1.6	-5.5	244.8	26.9	24.4	11.5	297.3	306.7	3.3	59.3	9.2	64.
9.2	30.0	2416.3	753.0	1.3	-5.7	245.2	27.4	24.8	11.5	298.0	307.5	3.3	59.6	10.0	64.
9.6	31.0	2513.2	744.0	1.1	-5.9	245.6	27.9	25.4	11.5	298.9	308.4	3.3	59.5	10.6	64.
9.9	32.0	2610.9	735.0	-0.0	-6.9	245.7	28.3	25.8	11.6	298.7	307.6	3.1	59.8	11.2	64.
10.3	33.0	2709.6	726.0	-0.6	-7.4	245.8	28.7	26.2	11.8	299.0	307.7	3.0	60.3	11.9	65.
10.6	34.0	2809.2	717.0	-1.1	-7.8	245.7	29.1	26.5	12.0	299.6	308.1	3.0	60.3	12.4	65.
11.0	35.0	2910.0	708.0	-1.4	-8.0	245.4	30.1	27.3	12.5	300.3	308.8	2.9	60.6	13.0	65.
11.4	36.0	3034.6	697.0	-2.4	-8.9	245.1	31.3	28.4	13.2	300.6	308.7	2.8	60.7	13.9	65.
11.7	37.0	3137.7	688.0	-3.3	-9.8	245.0	32.0	29.0	13.5	300.7	308.4	2.6	60.7	14.4	65.
12.2	38.0	3242.0	679.0	-3.1	-9.6	245.1	32.5	29.4	13.7	302.0	309.9	2.7	60.8	15.4	65.
12.5	39.0	3347.6	670.0	-3.6	-10.0	245.3	32.4	29.4	13.6	302.6	310.4	2.7	61.0	16.0	65.
12.8	40.0	3454.4	661.0	-4.4	-10.7	245.7	32.6	29.7	13.4	302.9	310.4	2.6	61.1	16.6	65.
13.4	41.0	3574.4	651.0	-5.4	-11.6	246.7	35.0	32.1	13.8	303.0	310.2	2.4	61.8	17.6	65.
13.7	42.0	3683.5	642.0	-6.5	-12.5	246.9	36.8	33.8	14.4	303.0	309.8	2.3	61.9	18.3	65.
13.9	43.0	3806.1	632.0	-7.2	-13.1	247.0	38.0	35.0	14.8	303.5	310.1	2.2	62.4	18.9	65.
14.3	44.0	3905.3	624.0	-8.2	-14.1	246.5	38.7	35.5	15.5	303.4	309.6	2.1	62.4	19.8	65.
14.6	45.0	4018.1	615.0	-8.8	-14.7	245.9	38.5	35.2	15.8	304.0	310.0	2.0	62.3	20.5	65.
14.9	46.0	4119.7	607.0	-8.4	-14.2	245.1	37.6	34.1	15.8	305.7	312.0	2.1	62.4	21.2	65.
15.3	47.0	4222.7	599.0	-8.5	-14.4	244.5	37.0	33.4	16.0	306.7	313.0	2.1	62.5	22.1	65.
15.6	48.0	4340.1	590.0	-8.9	-14.7	244.2	37.3	33.5	16.2	307.5	313.7	2.1	62.7	22.7	65.
16.0	49.0	4445.7	582.0	-9.7	-15.3	244.1	38.7	34.8	17.0	307.8	313.9	2.0	63.1	23.5	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
2315 GMT

160 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.4	50.0	4552.4	574.0	-10.7	-16.3	244.1	40.4*	36.3	17.6	307.8	313.6	1.9	63.2	24.6	65.
16.8	51.0	4687.5	564.0	-11.5	-17.0	244.2	40.9*	36.8	17.8	308.4	313.9	1.8	63.6	25.5	65.
17.2	52.0	4783.1	557.0	-12.5	-17.9	244.6	40.6*	36.7	17.4	308.3	313.5	1.7	63.8	26.6	65.
17.6	53.0	4893.5	549.0	-13.1	-18.4	245.0	40.5*	36.7	17.1	308.9	313.9	1.6	64.0	27.6	65.
17.8	54.0	5005.3	541.0	-13.9	-19.2	245.1	41.0*	37.2	17.2	309.2	314.0	1.5	64.4	28.0	65.
18.2	55.0	5118.2	533.0	-15.2	-20.3	245.1	43.1*	39.1	18.1	309.0	313.4	1.4	64.4	28.9	65.
18.6	56.0	5246.9	524.0	-15.6	-20.7	244.7	45.8*	41.4	19.5	310.0	314.4	1.4	64.7	30.0	65.
18.9	57.0	5377.5	515.0	-16.4	-23.8	244.3	47.3*	42.6	20.5	310.5	314.0	1.1	52.7	30.9	65.
19.1	58.0	5480.4	508.0	-17.1	-22.0	244.1	47.8*	43.0	20.9	310.9	315.0	1.3	65.2	31.5	65.
19.4	59.0	5584.3	501.0	-18.2	-23.1	243.7	47.9*	42.9	21.2	310.8	314.6	1.2	65.3	32.4	65.
19.8	60.0	5704.4	493.0	-18.9	-23.7	243.7	47.0*	42.1	20.8	311.4	315.0	1.1	65.6	33.5	65.
20.3	61.0	5810.8	486.0	-20.0	-24.6	244.4	45.7*	41.3	19.7	311.3	314.7	1.1	66.1	35.0	65.
20.7	62.0	5933.6	478.0	-21.2	-25.8	245.4	46.2*	42.0	19.3	311.3	314.4	1.0	66.2	36.0	65.
21.0	63.0	6042.4	471.0	-21.8	-26.4	246.0	47.6*	43.5	19.3	311.8	314.8	0.9	66.4	36.6	65.
21.4	64.0	6152.5	464.0	-22.8	-27.2	246.0	51.7*	47.2	21.0	311.9	314.8	0.9	66.6	37.9	65.
21.7	65.0	6264.0	457.0	-22.9	-27.3	246.0	54.7*	49.9	22.3	313.1	316.0	0.9	66.8	38.9	65.
22.1	66.0	6409.7	448.0	-23.6	-27.9	246.0	58.1*	53.1	23.6	314.1	316.9	0.8	67.0	40.2	65.
22.4	67.0	6524.6	441.0	-24.9	-29.2	246.4	59.6*	54.7	23.8	313.8	316.3	0.8	67.1	41.4	65.
22.9	68.0	6640.8	434.0	-25.7	-30.0	247.3	59.9*	55.2	23.1	314.2	316.6	0.7	66.9	43.1	65.
23.5	69.0	6758.6	427.0	-26.2	-30.4	247.4	59.9*	55.3	23.0	315.0	317.3	0.7	67.4	45.7	65.
23.9	70.0	6860.8	421.0	-26.8	-31.9	246.8	62.9*	57.8	24.8	315.6	317.6	0.6	61.4	46.3	65.
24.6	71.0	7016.6	412.0	-27.6	-33.9	246.3	65.2*	59.7	26.2	316.5	318.3	0.5	54.6	49.9	65.
25.0	72.0	7139.8	405.0	-28.1	-33.6	246.7	63.0*	57.9	24.9	317.3	319.2	0.5	59.0	51.2	65.
25.5	73.0	7264.7	398.0	-28.9	-34.6	247.3	60.7*	56.0	23.4	317.9	319.6	0.5	57.4	52.7	65.
25.9	74.0	7373.2	392.0	-30.2	-35.3	247.2	61.0*	56.2	23.6	317.5	319.2	0.5	61.0	54.6	65.
26.3	75.0	7501.2	385.0	-30.9	-36.2	246.7	63.3*	58.1	25.0	318.3	319.8	0.4	59.3	55.7	65.
26.7	76.0	7612.6	379.0	-31.6	-36.6	245.9	67.3*	61.4	27.5	318.8	320.3	0.4	60.7	57.2	66.
27.1	77.0	7725.2	373.0	-32.8	-37.9	245.1	71.8*	65.1	30.2	318.7	320.0	0.4	59.8	59.1	66.
27.5	78.0	7858.4	366.0	-33.8	-39.1	244.7	74.2*	67.1	31.7	319.0	320.2	0.3	58.3	60.6	65.
27.8	79.0	7974.0	360.0	-34.8	-41.0	245.3	73.1*	66.4	30.6	319.2	320.3	0.3	52.8	62.4	65.
28.3	80.0	8110.9	353.0	-35.7	-42.3	246.3	71.4*	65.4	28.6	319.7	320.7	0.3	50.6	64.3	65.
28.7	81.0	8249.8	346.0	-36.9	-43.8	246.9	75.0*	69.0	29.5	319.9	320.7	0.2	48.7	65.9	66.
29.3	82.0	8370.7	340.0	-37.6	-45.0	245.2	64.0	58.1	26.9	320.6	321.3	0.2	45.4	68.8	66.
29.6	83.0	8493.4	334.0	-38.3	-45.6	999.9	99.9	99.9	19.9	321.3	322.0	0.2	45.7	999.9	999.
30.1	84.0	8617.7	328.0	-39.5	-46.4	999.9	99.9	99.9	19.9	321.2	321.9	0.2	47.6	999.9	999.
30.6	85.0	8743.7	322.0	-40.9	99.9	999.9	99.9	99.9	19.9	321.1	999.9	99.9	999.9	999.9	999.
31.1	86.0	8892.7	315.0	-42.3	99.9	999.9	99.9	99.9	19.9	321.2	999.9	99.9	999.9	999.9	999.
31.5	87.0	9022.5	309.0	-43.2	99.9	999.9	99.9	99.9	19.9	321.8	999.9	99.9	999.9	999.9	999.
31.9	88.0	9132.2	304.0	-43.9	99.9	999.9	99.9	99.9	19.9	322.3	999.9	99.9	999.9	999.9	999.
32.4	89.0	9265.9	298.0	-44.6	99.9	999.9	99.9	99.9	19.9	323.1	999.9	99.9	999.9	999.9	999.
32.7	90.0	9378.9	293.0	-45.5	99.9	999.9	99.9	99.9	19.9	323.4	999.9	99.9	999.9	999.9	999.
33.2	91.0	9516.4	287.0	-47.0	99.9	999.9	99.9	99.9	19.9	323.2	999.9	99.9	999.9	999.9	999.
33.6	92.0	9632.5	282.0	-48.3	99.9	999.9	99.9	99.9	19.9	322.9	999.9	99.9	999.9	999.9	999.
34.0	93.0	9750.0	277.0	-49.7	99.9	999.9	99.9	99.9	19.9	322.6	999.9	99.9	999.9	999.9	999.
34.5	94.0	9893.0	271.0	-50.6	99.9	999.9	99.9	99.9	19.9	323.3	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
2315 GMT

160 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.8	95.0	10014.1	266.0	-51.7	99.9	999.9	99.9	99.9	99.9	323.4	999.9	99.9	999.9	999.9	999.9
35.4	96.0	10161.7	260.0	-53.0	99.9	999.9	99.9	99.9	99.9	323.7	999.9	99.9	999.9	999.9	999.9
35.7	97.0	10286.6	255.0	-54.3	99.9	999.9	99.9	99.9	99.9	323.6	999.9	99.9	999.9	999.9	999.9
36.1	98.0	10413.3	250.0	-55.2	99.9	999.9	99.9	99.9	99.9	323.9	999.9	99.9	999.9	999.9	999.9
36.5	99.0	10568.0	244.0	-56.3	99.9	999.9	99.9	99.9	99.9	324.7	999.9	99.9	999.9	999.9	999.9
36.9	100.0	10672.6	240.0	-57.8	99.9	999.9	99.9	99.9	99.9	323.9	999.9	99.9	999.9	999.9	999.9
37.5	101.0	10831.9	234.0	-58.9	99.9	999.9	99.9	99.9	99.9	324.7	999.9	99.9	999.9	999.9	999.9
37.7	102.0	10967.5	229.0	-58.9	99.9	999.9	99.9	99.9	99.9	326.7	999.9	99.9	999.9	999.9	999.9
38.2	103.0	11078.0	225.0	-59.2	99.9	999.9	99.9	99.9	99.9	327.8	999.9	99.9	999.9	999.9	999.9
38.6	104.0	11218.6	220.0	-59.8	99.9	999.9	99.9	99.9	99.9	329.1	999.9	99.9	999.9	999.9	999.9
39.1	105.0	11362.0	215.0	-60.7	99.9	999.9	99.9	99.9	99.9	329.8	999.9	99.9	999.9	999.9	999.9
39.5	106.0	11478.7	211.0	-61.6	99.9	999.9	99.9	99.9	99.9	330.1	999.9	99.9	999.9	999.9	999.9
39.9	107.0	11626.4	206.0	-62.5	99.9	999.9	99.9	99.9	99.9	330.9	999.9	99.9	999.9	999.9	999.9
40.5	108.0	11747.6	202.0	-63.5	99.9	999.9	99.9	99.9	99.9	331.3	999.9	99.9	999.9	999.9	999.9
40.7	109.0	11902.0	197.0	-62.4	99.9	999.9	99.9	99.9	99.9	335.5	999.9	99.9	999.9	999.9	999.9
41.3	110.0	12030.2	193.0	-57.1	99.9	999.9	99.9	99.9	99.9	345.9	999.9	99.9	999.9	999.9	999.9
41.7	111.0	12231.4	187.0	-54.1	99.9	999.9	99.9	99.9	99.9	353.9	999.9	99.9	999.9	999.9	999.9
42.2	112.0	12370.0	183.0	-54.6	99.9	999.9	99.9	99.9	99.9	355.3	999.9	99.9	999.9	999.9	999.9
42.5	113.0	12511.5	179.0	-54.7	99.9	999.9	99.9	99.9	99.9	357.2	999.9	99.9	999.9	999.9	999.9
43.0	114.0	12655.8	175.0	-55.4	99.9	999.9	99.9	99.9	99.9	358.5	999.9	99.9	999.9	999.9	999.9
43.4	115.0	12803.1	171.0	-56.1	99.9	999.9	99.9	99.9	99.9	359.7	999.9	99.9	999.9	999.9	999.9
43.9	116.0	12991.5	166.0	-56.6	99.9	999.9	99.9	99.9	99.9	361.9	999.9	99.9	999.9	999.9	999.9
44.5	117.0	13145.8	162.0	-57.8	99.9	999.9	99.9	99.9	99.9	362.4	999.9	99.9	999.9	999.9	999.9
44.8	118.0	13267.8	159.0	-57.5	99.9	999.9	99.9	99.9	99.9	365.0	999.9	99.9	999.9	999.9	999.9
45.4	119.0	13424.7	155.0	-57.6	99.9	999.9	99.9	99.9	99.9	367.4	999.9	99.9	999.9	999.9	999.9
45.6	120.0	13589.5	151.0	-58.3	99.9	999.9	99.9	99.9	99.9	368.9	999.9	99.9	999.9	999.9	999.9
46.2	121.0	13715.5	148.0	-59.2	99.9	999.9	99.9	99.9	99.9	369.5	999.9	99.9	999.9	999.9	999.9
46.6	122.0	13887.0	144.0	-59.8	99.9	999.9	99.9	99.9	99.9	371.5	999.9	99.9	999.9	999.9	999.9
47.1	123.0	14018.3	141.0	-60.7	99.9	999.9	99.9	99.9	99.9	372.1	999.9	99.9	999.9	999.9	999.9
47.6	124.0	14197.4	137.0	-60.8	99.9	999.9	99.9	99.9	99.9	374.9	999.9	99.9	999.9	999.9	999.9
48.0	125.0	14334.9	134.0	-61.2	99.9	999.9	99.9	99.9	99.9	376.6	999.9	99.9	999.9	999.9	999.9
48.6	126.0	14522.9	130.0	-61.6	99.9	999.9	99.9	99.9	99.9	379.2	999.9	99.9	999.9	999.9	999.9
49.1	127.0	14667.5	127.0	-62.0	99.9	999.9	99.9	99.9	99.9	381.1	999.9	99.9	999.9	999.9	999.9
49.7	128.0	14814.9	124.0	-63.3	99.9	999.9	99.9	99.9	99.9	381.2	999.9	99.9	999.9	999.9	999.9
50.1	129.0	14965.4	121.0	-63.3	99.9	999.9	99.9	99.9	99.9	383.9	999.9	99.9	999.9	999.9	999.9
50.6	130.0	15119.7	118.0	-63.3	99.9	999.9	99.9	99.9	99.9	386.7	999.9	99.9	999.9	999.9	999.9
51.2	131.0	15331.7	114.0	-63.3	99.9	999.9	99.9	99.9	99.9	390.5	999.9	99.9	999.9	999.9	999.9
51.7	132.0	15495.6	111.0	-63.3	99.9	999.9	99.9	99.9	99.9	393.5	999.9	99.9	999.9	999.9	999.9
52.2	133.0	15663.8	108.0	-63.7	99.9	999.9	99.9	99.9	99.9	395.8	999.9	99.9	999.9	999.9	999.9
52.6	134.0	15836.8	105.0	-63.3	99.9	999.9	99.9	99.9	99.9	399.8	999.9	99.9	999.9	999.9	999.9
52.8	135.0	16015.6	102.0	-61.8	99.9	999.9	99.9	99.9	99.9	406.1	999.9	99.9	999.9	999.9	999.9
53.5	136.0	16200.0	99.0	-62.9	99.9	999.9	99.9	99.9	99.9	407.3	999.9	99.9	999.9	999.9	999.9
53.9	137.0	16388.6	96.0	-64.9	99.9	999.9	99.9	99.9	99.9	407.1	999.9	99.9	999.9	999.9	999.9
54.7	138.0	16647.8	92.0	-65.5	99.9	999.9	99.9	99.9	99.9	410.8	999.9	99.9	999.9	999.9	999.9
55.3	139.0	16849.4	89.0	-65.5	99.9	999.9	99.9	99.9	99.9	414.8	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

6 FEBRUARY 1975  
2315 GMT

160 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
55.7	140.0	17057.3	86.0	-66.8	99.9	999.9	99.9	99.9	99.9	416.3	999.9	99.9	999.9	999.9	999.9
56.4	141.0	17271.8	83.0	-67.2	99.9	999.9	99.9	99.9	99.9	419.7	999.9	99.9	999.9	999.9	999.9
57.0	142.0	17495.8	80.0	-63.5	99.9	999.9	99.9	99.9	99.9	431.7	999.9	99.9	999.9	999.9	999.9
57.6	143.0	17731.6	77.0	-61.6	99.9	999.9	99.9	99.9	99.9	440.5	999.9	99.9	999.9	999.9	999.9
58.1	144.0	17894.6	75.0	-61.8	99.9	999.9	99.9	99.9	99.9	443.4	999.9	99.9	999.9	999.9	999.9
58.7	145.0	18146.6	72.0	-63.1	99.9	999.9	99.9	99.9	99.9	445.8	999.9	99.9	999.9	999.9	999.9
59.4	146.0	18407.3	69.0	-64.9	99.9	999.9	99.9	99.9	99.9	447.4	999.9	99.9	999.9	999.9	999.9
60.1	147.0	18678.3	66.0	-65.1	99.9	999.9	99.9	99.9	99.9	452.7	999.9	99.9	999.9	999.9	999.9
60.7	148.0	18865.7	64.0	-65.5	99.9	999.9	99.9	99.9	99.9	455.8	999.9	99.9	999.9	999.9	999.9
61.5	149.0	19157.6	61.0	-65.5	99.9	999.9	99.9	99.9	99.9	462.1	999.9	99.9	999.9	999.9	999.9
62.2	150.0	19359.8	59.0	-66.8	99.9	999.9	99.9	99.9	99.9	463.7	999.9	99.9	999.9	999.9	999.9
62.9	151.0	19677.5	56.0	-63.9	99.9	999.9	99.9	99.9	99.9	477.2	999.9	99.9	999.9	999.9	999.9
63.7	152.0	19900.1	54.0	-64.3	99.9	999.9	99.9	99.9	99.9	481.3	999.9	99.9	999.9	999.9	999.9
64.6	153.0	20249.0	51.0	-65.3	99.9	999.9	99.9	99.9	99.9	486.8	999.9	99.9	999.9	999.9	999.9
65.6	154.0	20492.4	49.0	-65.5	99.9	999.9	99.9	99.9	99.9	492.0	999.9	99.9	999.9	999.9	999.9
66.4	155.0	20876.7	46.0	-65.5	99.9	999.9	99.9	99.9	99.9	500.9	999.9	99.9	999.9	999.9	999.9
67.4	156.0	21147.3	44.0	-65.1	99.9	999.9	99.9	99.9	99.9	508.3	999.9	99.9	999.9	999.9	999.9
68.3	157.0	21577.6	41.0	-65.1	99.9	999.9	99.9	99.9	99.9	518.7	999.9	99.9	999.9	999.9	999.9
69.2	158.0	21883.6	39.0	-63.5	99.9	999.9	99.9	99.9	99.9	530.2	999.9	99.9	999.9	999.9	999.9
70.3	159.0	22207.6	37.0	-62.5	99.9	999.9	99.9	99.9	99.9	540.7	999.9	99.9	999.9	999.9	999.9
71.5	160.0	22730.4	34.0	-61.6	99.9	999.9	99.9	99.9	99.9	556.5	999.9	99.9	999.9	999.9	999.9
72.5	161.0	23105.2	32.0	-62.5	99.9	999.9	99.9	99.9	99.9	563.7	999.9	99.9	999.9	999.9	999.9
73.6	162.0	23713.9	29.0	-61.6	99.9	999.9	99.9	99.9	99.9	582.4	999.9	99.9	999.9	999.9	999.9
75.2	163.0	24155.7	27.0	-62.5	99.9	999.9	99.9	99.9	99.9	591.7	999.9	99.9	999.9	999.9	999.9
76.7	164.0	24631.6	25.0	-61.6	99.9	999.9	99.9	99.9	99.9	607.6	999.9	99.9	999.9	999.9	999.9

STATION NO. 304  
HATTERAS, NC

7 FEBRUARY 1975  
615 GMT

145 46. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	4.0	1005.1	13.1	10.8	260.0	3.6	3.5	0.6	286.9	307.6	6.1	86.0	0.0	0.
0.1	6.0	38.5	1001.0	14.2	11.8	249.9	16.9	15.9	5.8	288.4	310.9	8.7	85.4	0.4	66.
0.3	7.0	131.9	990.0	13.8	12.0	249.9	16.9	15.9	5.8	289.0	312.1	9.0	89.1	0.4	66.
0.8	8.0	226.4	979.0	14.2	10.3	249.8	17.9	16.8	6.2	290.2	311.2	8.1	77.4	0.7	67.
1.2	9.0	321.8	968.0	13.6	9.3	250.7	19.3	18.2	5.4	290.4	310.4	7.6	75.0	1.2	68.
1.6	10.0	418.2	957.0	13.2	8.4	252.9	20.5	19.6	5.0	291.0	310.0	7.2	72.4	1.7	69.
2.1	11.0	533.4	944.0	13.0	7.6	256.1	20.9	20.3	5.0	291.9	310.4	7.0	69.8	2.3	71.
2.4	12.0	622.8	934.0	11.9	5.6	257.1	19.9	19.4	4.5	291.5	307.8	6.1	65.5	2.7	72.
2.9	13.0	731.0	922.0	11.3	-6.4	258.5	19.2	18.8	3.8	291.5	298.7	2.6	28.2	3.2	73.
3.3	14.0	827.0	912.0	11.5	-7.9	259.5	19.9	19.5	3.6	292.6	299.1	2.3	24.8	3.7	73.
3.6	15.0	923.2	901.0	11.0	-8.4	259.8	20.4	20.0	3.6	293.0	299.4	2.3	24.8	4.1	74.
4.1	16.0	1034.8	889.0	10.0	-9.1	258.7	20.3	19.9	4.0	293.2	299.3	2.2	24.9	4.7	75.
4.4	17.0	1128.6	879.0	9.1	-10.1	256.8	20.1	19.6	4.6	293.2	298.9	2.0	24.5	5.1	75.
4.9	18.0	1232.7	868.0	8.6	-8.2	254.5	21.9	21.1	5.9	293.7	300.4	2.4	29.4	5.6	75.
5.2	19.0	1328.3	858.0	7.5	-7.8	253.6	21.6	20.7	6.1	293.6	300.6	2.5	32.8	6.1	75.
5.5	20.0	1424.8	848.0	6.8	-6.3	252.7	20.4	19.4	6.1	293.9	301.8	2.8	38.4	6.5	75.
6.1	21.0	1541.6	836.0	5.8	-6.6	250.1	17.4	16.3	5.9	294.0	301.8	2.8	40.3	7.1	75.
6.5	22.0	1639.9	826.0	4.9	-6.5	249.1	19.6	18.3	7.0	294.1	302.1	2.8	43.2	7.5	74.
6.9	23.0	1739.2	816.0	4.1	-6.9	248.2	20.8	19.3	7.7	294.2	302.1	2.8	44.4	8.0	74.
7.2	24.0	1839.3	806.0	3.3	-6.3	247.6	20.7	19.1	7.9	294.4	302.9	3.0	50.5	8.4	74.
7.6	25.0	1940.5	796.0	2.6	-6.0	245.5	20.5	18.7	8.5	294.7	303.4	3.1	53.0	8.9	73.
8.1	26.0	2063.2	784.0	1.8	-6.4	239.6	22.6	19.5	11.4	295.1	303.6	3.0	54.4	9.5	73.
8.5	27.0	2166.7	774.0	1.4	-9.0	235.9	24.4	20.2	13.7	295.8	303.0	2.5	45.8	10.0	72.
8.9	28.0	2271.4	764.0	1.1	-8.7	233.0	26.0	20.8	15.6	296.5	304.0	2.6	47.8	10.7	71.
9.3	29.0	2377.3	754.0	0.5	-8.7	231.2	27.0	21.1	16.9	297.0	304.5	2.6	50.1	11.3	70.
9.7	30.0	2484.4	744.0	0.3	-8.9	230.1	27.5	21.1	17.6	297.9	305.5	2.6	49.9	11.9	69.
10.1	31.0	2582.0	735.0	0.2	-9.3	229.6	27.5	20.9	17.8	298.8	306.3	2.6	49.1	12.5	68.
10.5	32.0	2680.7	726.0	-0.6	-8.9	229.6	27.1	20.7	17.6	299.0	306.8	2.7	53.7	13.2	67.
10.9	33.0	2791.3	716.0	-1.9	-9.7	230.3	27.3	21.0	17.4	298.8	306.1	2.5	54.8	13.8	66.
11.2	34.0	2891.8	707.0	-2.5	-9.1	231.4	27.9	21.8	17.4	299.2	307.0	2.7	60.5	14.2	65.
11.7	35.0	2993.3	698.0	-3.8	-9.7	233.8	29.4	23.8	17.4	298.9	306.5	2.6	63.2	15.0	65.
12.1	36.0	3130.2	686.0	-4.5	-9.7	236.0	30.9	25.6	17.3	299.5	307.3	2.7	66.9	15.8	64.
12.5	37.0	3234.1	677.0	-5.6	-11.3	238.1	32.5	27.6	17.2	299.4	306.4	2.4	63.8	16.5	64.
12.9	38.0	3339.0	668.0	-6.0	-11.3	240.2	34.4	29.8	17.1	300.1	307.2	2.4	66.1	17.3	64.
13.3	39.0	3445.2	659.0	-6.6	-12.5	242.0	35.9	31.7	15.9	300.6	307.1	2.2	62.4	18.2	63.
13.7	40.0	3540.6	651.0	-7.1	-14.3	243.1	37.5*	33.4	17.0	301.1	306.8	1.9	56.0	19.1	63.
14.2	41.0	3673.6	640.0	-6.9	-15.7	242.9	40.2*	35.7	13.3	302.7	308.0	1.8	49.5	20.2	64.
14.6	42.0	3771.9	632.0	-6.5	-15.4	241.6	42.6*	37.4	20.2	304.3	309.8	1.8	48.9	21.1	64.
15.0	43.0	3896.7	622.0	-6.0	-16.0	239.9	43.8*	37.9	22.0	306.2	311.6	1.8	45.1	22.3	63.
15.3	44.0	3997.9	614.0	-7.1	-14.5	238.8	43.1*	36.8	22.3	306.2	312.3	2.0	55.3	23.2	63.
15.9	45.0	4126.0	604.0	-7.4	-14.2	237.2	43.2*	36.3	23.4	307.3	313.6	2.1	57.6	24.4	63.
16.2	46.0	4229.8	596.0	-7.8	-14.2	236.6	45.0*	37.5	24.7	307.9	314.4	2.1	59.9	25.2	63.
16.6	47.0	4334.9	588.0	-8.2	-15.8	236.0	47.9*	39.7	26.8	308.6	314.4	1.9	54.3	26.5	62.
17.1	48.0	4454.5	579.0	-9.1	-16.3	234.7	49.5*	40.4	23.6	308.9	314.6	1.8	55.8	27.9	62.
17.5	49.0	4562.1	571.0	-9.7	-17.0	233.5	48.1*	38.6	23.6	309.4	314.9	1.8	55.1	29.3	62.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

7 FEBRUARY 1975  
615 GMT

145 46. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V C IMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.9	50.0	4670.9	563.0	-11.0	-16.7	232.8	45.8*	36.5	27.7	309.2	314.9	1.8	62.8	30.3	61.
18.4	51.0	4808.3	553.0	-12.4	-17.1	233.0	45.6*	36.4	27.4	309.1	314.7	1.8	67.9	31.5	61.
18.8	52.0	4933.6	544.0	-13.1	-17.5	233.9	47.9*	38.7	28.2	309.7	315.2	1.8	69.5	32.6	61.
19.2	53.0	5032.2	537.0	-13.7	-18.1	234.8	51.0*	41.6	29.4	310.2	315.5	1.7	68.9	33.7	61.
19.7	54.0	5160.6	528.0	-14.5	-18.8	235.7	54.5*	45.0	30.7	310.7	315.8	1.6	69.5	35.4	60.
20.1	55.0	5261.7	521.0	-15.2	-20.4	236.4	56.0*	46.7	31.0	311.0	315.5	1.4	64.2	36.7	60.
20.6	56.0	5408.1	511.0	-15.6	-21.5	237.1	54.9*	46.1	29.9	312.2	316.4	1.3	60.3	38.4	60.
21.0	57.0	5527	503.0	-16.3	-22.2	237.3	51.5*	43.4	27.8	312.8	316.8	1.3	60.2	40.4	60.
21.4	58.0	5632.4	496.0	-17.3	-22.7	237.4	49.7*	41.9	26.7	312.8	316.8	1.2	62.3	40.7	60.
21.9	59.0	5754.1	488.0	-18.3	-24.7	237.9	51.1*	43.3	27.2	312.9	316.3	1.1	57.2	42.4	60.
22.3	60.0	5877.5	480.0	-18.6	-25.9	238.2	52.2*	44.3	27.5	314.1	317.2	1.0	52.2	43.7	60.
22.8	61.0	5987.0	473.0	-18.9	-27.8	238.5	51.3*	43.8	25.8	315.0	317.7	0.8	44.8	45.3	60.
23.1	62.0	6114.0	465.0	-19.2	-32.0	238.9	50.6*	43.4	25.1	316.2	318.1	0.6	30.9	46.2	60.
23.5	63.0	6243.1	457.0	-19.6	-33.9	239.8	51.2*	44.2	25.8	317.2	318.9	0.5	26.5	47.3	60.
24.0	64.0	6357.5	450.0	-20.8	-35.0	241.0	57.5*	50.3	27.9	317.1	318.6	0.4	26.5	48.7	60.
24.3	65.0	6473.3	443.0	-21.3	-35.3	241.2	60.7*	53.2	29.2	317.9	319.3	0.4	26.6	49.9	60.
24.9	66.0	6607.4	435.0	-22.7	-35.9	241.2	59.8*	52.4	28.8	317.8	319.2	0.4	28.4	52.5	60.
25.3	67.0	6743.6	427.0	-22.8	-38.2	240.7	56.8*	49.5	27.8	319.3	320.5	0.3	22.8	54.0	60.
25.9	68.0	6864.7	420.0	-23.2	-41.8	240.0	63.6*	55.1	3.8	320.3	321.1	0.2	16.1	54.9	60.
26.3	69.0	6987.6	413.0	-24.1	-44.1	239.8	71.9*	62.2	30.2	320.6	321.3	0.2	13.7	57.0	60.
26.8	70.0	7112.0	406.0	-25.2	-43.4	239.7	71.1*	61.4	37.8	320.8	321.6	0.2	16.3	60.1	60.
27.2	71.0	7256.2	398.0	-26.4	-43.1	239.5	62.7*	54.0	37.8	321.1	321.9	0.2	18.7	61.7	60.
27.8	72.0	7384.2	391.0	-27.3	-42.7	238.4	56.9*	48.5	29.8	321.5	322.3	0.2	21.4	63.0	60.
28.2	73.0	7495.4	385.0	-28.2	-44.5	237.8	63.8**	54.0	34.9	321.7	322.4	0.2	18.9	64.4	60.
28.5	74.0	7626.8	378.0	-29.3	-45.6	237.7	72.2**	61.0	30.6	322.0	322.7	0.2	18.9	65.9	60.
29.1	75.0	7760.0	371.0	-30.4	-47.0	238.0	84.2**	71.4	4.6	322.3	322.9	0.1	17.7	68.4	60.
29.4	76.0	7875.8	365.0	-31.0	-50.0	238.1	84.6**	71.8	41.7	323.0	323.4	0.1	13.3	70.5	60.
29.9	77.0	7993.1	359.0	-32.1	-49.9	237.8	73.3**	62.0	37.0	323.1	323.5	0.1	14.9	73.0	60.
30.3	78.0	8131.8	352.0	-33.2	-50.9	237.0	57.8**	48.5	31.5	323.4	323.9	0.1	16.5	74.9	59.
30.8	79.0	8252.4	346.0	-34.4	-49.5	235.7	43.4**	35.8	24.4	323.4	323.9	0.1	20.6	75.9	59.
31.2	80.0	8374.5	340.0	-35.6	-50.1	235.8	42.2**	34.9	23.7	323.4	323.8	0.1	20.7	76.4	59.
31.7	81.0	8539.7	332.0	-37.0	-50.5	237.1	51.6**	43.4	28.0	323.6	324.0	0.1	22.8	77.8	59.
32.1	82.0	8665.7	326.0	-37.5	-53.2	237.8	61.1**	51.7	32.6	324.7	325.0	0.1	17.3	79.2	59.
32.5	83.0	8793.6	320.0	-38.7	-54.4	237.6	68.5**	57.9	30.7	324.7	325.0	0.1	17.0	81.3	59.
32.9	84.0	8923.2	314.0	-40.1	99.9	237.2	79.4**	66.8	40.0	324.7	999.9	99.9	999.9	82.4	59.
33.3	85.0	9054.6	308.0	-41.4	99.9	237.3	93.2**	78.4	50.4	324.5	999.9	99.9	999.9	84.3	59.
33.9	86.0	9210.2	301.0	-42.7	99.9	238.0	99.2**	84.1	50.6	324.9	999.9	99.9	999.9	88.5	59.
34.3	87.0	9345.7	295.0	-43.8	99.9	238.6	78.0**	66.6	40.6	325.1	999.9	99.9	999.9	91.8	59.
34.9	88.0	9460.3	290.0	-44.7	99.9	239.6	34.4**	29.6	17.4	325.5	999.9	99.9	999.9	93.2	59.
35.2	89.0	9599.9	284.0	-45.7	99.9	238.7	23.8**	20.4	12.4	326.0	999.9	99.9	999.9	93.1	59.
35.8	90.0	9718.0	279.0	-46.9	99.9	235.4	33.5**	27.6	10.1	326.0	999.9	99.9	999.9	93.7	59.
36.2	91.0	9861.8	273.0	-47.8	99.9	235.1	59.1**	48.4	37.8	326.7	999.9	99.9	999.9	94.2	59.
36.6	92.0	9983.5	268.0	-48.8	99.9	235.0	87.7**	71.9	57.3	327.0	999.9	99.9	999.9	95.3	59.
37.2	93.0	10106.9	263.0	-50.2	99.9	234.3	101.4**	82.3	59.2	326.7	999.9	99.9	999.9	101.0	59.
37.7	94.0	10257.2	257.0	-51.4	99.9	232.4	80.2**	63.6	48.9	327.1	999.9	99.9	999.9	104.0	59.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**NOTICE**

**Page 500 follows page 490**

STATION NO. 304  
HATTERAS, NC

7 FEBRUARY 1975  
615 GMT

145 46. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.1	95.0	10384.4	252.0	-52.8	99.9	229.8	57.0**	43.5	36.8	326.8	999.9	99.9	999.9	105.8	59.
38.6	96.0	10539.7	246.0	-53.6	99.9	227.4	42.2**	31.1	28.6	327.9	999.9	99.9	999.9	105.9	58.
39.0	97.0	10671.3	241.0	-54.9	99.9	228.6	42.9**	32.2	28.3	327.9	999.9	99.9	999.9	107.1	58.
39.4	98.0	10804.9	236.0	-56.2	99.9	230.0	48.7**	37.3	3.3	327.8	999.9	99.9	999.9	108.3	58.
39.9	99.0	10940.9	231.0	-56.6	99.9	230.2	59.3**	45.5	38.0	329.3	999.9	99.9	999.9	109.7	58.
40.2	100.0	11079.4	226.0	-57.4	99.9	230.2	68.7**	52.8	44.0	330.1	999.9	99.9	999.9	110.7	58.
40.8	101.0	11248.9	220.0	-58.6	99.9	231.1	85.5**	66.5	53.7	330.8	999.9	99.9	999.9	113.5	58.
41.2	102.0	11363.9	216.0	-59.9	99.9	232.0	86.2**	67.9	53.1	330.6	999.9	99.9	999.9	116.2	58.
41.6	103.0	11509.8	211.0	-61.2	99.9	232.7	78.3**	62.3	4.4	330.8	999.9	99.9	999.9	118.6	58.
42.1	104.0	11658.4	206.0	-61.9	99.9	232.3	67.9**	53.7	4.5	331.9	999.9	99.9	999.9	120.1	58.
42.4	105.0	11779.3	202.0	-63.4	99.9	231.9	69.2**	54.4	4.7	331.4	999.9	99.9	999.9	121.2	58.
42.8	106.0	11933.0	197.0	-64.2	99.9	233.0	80.4**	64.3	48.4	332.5	999.9	99.9	999.9	122.5	57.
43.2	107.0	12058.2	193.0	-65.4	99.9	234.7	93.4**	76.2	53.9	332.6	999.9	99.9	999.9	124.6	57.
43.6	108.0	12185.3	189.0	-66.2	99.9	236.4	101.4**	84.5	56.1	333.2	999.9	99.9	999.9	127.5	57.
44.0	109.0	12347.6	184.0	-66.9	99.9	237.9	99.5**	84.3	52.9	334.8	999.9	99.9	999.9	130.7	57.
44.3	110.0	12480.6	180.0	-66.2	99.9	239.1	94.3**	80.9	48.4	337.9	999.9	99.9	999.9	131.8	57.
45.0	111.0	12652.3	175.0	-63.8	99.9	242.7	85.9**	76.4	38.2	344.6	999.9	99.9	999.9	135.9	57.
45.4	112.0	12794.3	171.0	-63.2	99.9	245.6	78.1**	71.1	38.2	347.9	999.9	99.9	999.9	137.2	57.
45.9	113.0	12940.1	167.0	-62.7	99.9	251.6	58.7**	55.7	18.6	351.2	999.9	99.9	999.9	140.6	58.
46.3	114.0	13089.7	163.0	-62.3	99.9	260.0	41.1**	40.5	7.2	354.3	999.9	99.9	999.9	141.0	58.
46.8	115.0	13242.7	159.0	-63.4	99.9	273.5	27.9**	27.8	-1.7	354.9	999.9	99.9	999.9	141.6	58.
47.3	116.0	13438.8	154.0	-63.8	99.9	269.8	30.3**	30.3	0.1	357.5	999.9	99.9	999.9	141.8	58.
47.9	117.0	13601.0	150.0	-61.7	99.9	252.7	63.6**	60.8	18.9	363.8	999.9	99.9	999.9	142.8	58.
48.2	118.0	13768.9	146.0	-60.3	99.9	248.7	93.4**	87.0	34.0	369.1	999.9	99.9	999.9	143.7	59.
48.9	119.0	13898.5	143.0	-60.1	99.9	246.0	151.0**	138.0	61.4	371.7	999.9	99.9	999.9	149.6	59.
49.2	120.0	14075.3	139.0	-60.8	99.9	246.6	147.3**	135.2	58.5	373.4	999.9	99.9	999.9	153.6	59.
49.9	121.0	14210.9	136.0	-61.0	99.9	251.2	96.8**	91.7	31.2	375.4	999.9	99.9	999.9	158.8	59.
50.3	122.0	14396.4	132.0	-61.2	99.9	254.2	74.7**	71.9	20.4	378.3	999.9	99.9	999.9	160.2	59.
50.9	123.0	14587.8	128.0	-60.3	99.9	253.5	67.9**	65.1	15.3	383.3	999.9	99.9	999.9	162.3	60.
51.3	124.0	14735.9	125.0	-59.9	99.9	251.3	70.2**	66.5	22.5	386.6	999.9	99.9	999.9	163.5	60.
51.9	125.0	14887.7	122.0	-59.5	99.9	249.8	60.2**	56.5	20.8	389.9	999.9	99.9	999.9	167.7	60.
52.4	126.0	15150.2	117.0	-58.5	99.9	249.5	44.1**	41.3	15.4	396.6	999.9	99.9	999.9	168.0	60.
53.1	127.0	15313.6	114.0	-58.3	99.9	247.2	42.8**	39.5	16.6	399.8	999.9	99.9	999.9	169.4	60.
53.5	128.0	15481.5	111.0	-58.3	99.9	246.3	49.2**	45.0	19.7	402.9	999.9	99.9	999.9	170.9	60.
54.1	129.0	15653.5	108.0	-59.4	99.9	247.1	53.0**	48.8	20.6	404.1	999.9	99.9	999.9	172.5	60.
54.6	130.0	15829.4	105.0	-60.4	99.9	246.9	54.1**	49.8	21.2	405.3	999.9	99.9	999.9	174.2	60.
55.3	131.0	16070.7	101.0	-61.7	99.9	242.8	46.4**	41.3	21.3	407.3	999.9	99.9	999.9	176.5	60.
55.8	132.0	16256.9	98.0	-63.0	99.9	237.5	33.4**	28.2	17.9	408.3	999.9	99.9	999.9	178.3	60.
56.3	133.0	16448.1	95.0	-63.2	99.9	234.1	29.1**	23.6	17.1	411.6	999.9	99.9	999.9	178.2	60.
56.9	134.0	16644.5	92.0	-65.2	99.9	237.6	41.5**	35.1	22.2	411.4	999.9	99.9	999.9	179.2	60.
57.2	135.0	16845.9	89.0	-66.2	99.9	239.0	43.4**	37.2	22.3	413.3	999.9	99.9	999.9	180.4	60.
58.0	136.0	17123.5	85.0	-67.9	99.9	245.2	23.2**	21.1	9.7	415.4	999.9	99.9	999.9	183.4	60.
58.7	137.0	17339.5	82.0	-67.9	99.9	255.4	25.8**	25.0	6.5	419.7	999.9	99.9	999.9	182.4	60.
59.4	138.0	17566.0	79.0	-63.4	99.9	256.0	37.6**	36.5	5.1	433.4	999.9	99.9	999.9	184.5	60.
60.0	139.0	17803.6	76.0	-63.8	99.9	261.9	29.7**	29.4	4.2	437.5	999.9	99.9	999.9	186.6	61.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 304  
HATTERAS, NC

7 FEBRUARY 1975  
615 GMT

145 46. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.8	140.0	18134.0	72.0	-65.2	99.9	261.5	27.5**	27.1	4.0	441.3	999.9	99.9	999.9	186.6	61.
61.5	141.0	18393.5	69.0	-64.8	99.9	261.1	20.7**	20.4	3.2	447.6	999.9	99.9	999.9	188.9	61.
62.3	142.0	18664.5	66.0	-65.2	99.9	249.0	32.0**	29.9	11.5	452.4	999.9	99.9	999.9	188.4	61.
63.1	143.0	18948.7	63.0	-64.0	99.9	242.5	51.4**	45.6	23.7	461.1	999.9	99.9	999.9	191.0	61.
63.7	144.0	19248.0	60.0	-63.4	99.9	239.9	38.2**	33.0	15.1	468.9	999.9	99.9	999.9	193.4	61.
64.5	145.0	19561.6	57.0	-65.4	99.9	224.9	12.8**	9.0	5.1	471.4	999.9	99.9	999.9	193.2	61.
65.3	146.0	19890.6	54.0	-65.4	99.9	233.6	17.8**	14.4	10.6	478.7	999.9	99.9	999.9	194.3	61.
66.2	147.0	20239.7	51.0	-63.8	99.9	243.4	53.3	47.7	23.9	490.3	999.9	99.9	999.9	196.1	61.
67.2	148.0	20610.6	48.0	-64.8	99.9	999.9	99.9	99.9	99.9	496.5	999.9	99.9	999.9	999.9	999.
68.1	149.0	20870.9	46.0	-63.8	99.9	999.9	99.9	99.9	99.9	505.0	999.9	99.9	999.9	999.9	999.

STATION NO. 304  
HATTERAS, NC

7 FEBRUARY 1975  
1115 GMT

150 23. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	4.0	1008.4	7.9	4.8	330.0	6.2	3.1	-5.4	281.1	294.9	5.4	81.0	0.0	0.
0.4	6.0	89.3	998.0	6.1	2.8	999.9	99.9	99.9	99.9	280.0	292.1	4.7	78.9	999.9	999.
0.7	7.0	180.1	987.0	5.3	2.6	999.9	99.9	99.9	99.9	280.1	292.1	4.7	83.1	999.9	999.
1.1	8.0	280.0	975.0	4.2	2.6	999.9	99.9	99.9	99.9	280.0	292.2	4.7	88.9	999.9	999.
1.5	9.0	372.2	964.0	3.2	2.1	999.9	99.9	99.9	99.9	279.9	292.0	4.7	93.6	999.9	999.
1.8	10.0	456.8	954.0	2.6	1.5	999.9	99.9	99.9	99.9	280.0	291.9	4.6	95.2	999.9	999.
2.2	11.0	576.5	940.0	2.4	2.1	999.9	99.9	99.9	99.9	281.1	293.3	4.7	97.7	999.9	999.
2.5	12.0	671.7	929.0	1.9	1.4	999.9	99.9	99.9	99.9	281.5	293.3	4.6	96.5	999.9	999.
2.9	13.0	767.8	918.0	1.1	0.7	999.9	99.9	99.9	99.9	281.6	293.0	4.4	97.3	999.9	999.
3.2	14.0	864.8	907.0	0.8	0.4	999.9	99.9	99.9	99.9	282.2	293.6	4.4	97.4	999.9	999.
3.6	15.0	963.0	896.0	1.1	-1.3	999.9	99.9	99.9	99.9	283.5	293.7	3.9	83.8	999.9	999.
4.0	16.0	1080.6	883.0	0.9	-2.1	999.9	99.9	99.9	99.9	284.4	293.9	3.5	76.2	999.9	999.
4.3	17.0	1181.4	872.0	0.4	-5.2	999.9	99.9	99.9	99.9	284.9	293.0	3.0	66.0	999.9	999.
4.7	18.0	1273.9	862.0	-0.0	-7.2	999.9	99.9	99.9	99.9	285.3	292.3	2.6	58.5	999.9	999.
5.0	19.0	1367.3	852.0	-0.5	-7.8	999.9	99.9	99.9	99.9	285.7	292.6	2.5	57.7	999.9	999.
5.4	20.0	1461.5	842.0	-1.3	-9.1	999.9	99.9	99.9	99.9	285.8	292.1	2.3	55.4	999.9	999.
5.8	21.0	1585.5	829.0	-1.8	-10.1	268.9	33.5	33.5	0.6	286.6	292.5	2.1	53.1	4.0	148.
6.1	22.0	1682.2	819.0	-1.0	-18.5	271.6	30.4	30.4	-0.8	288.3	291.4	1.1	24.9	4.3	141.
6.4	23.0	1790.0	808.0	-1.3	-23.6	276.4	27.0	26.8	-3.0	289.0	291.2	0.7	17.2	4.7	138.
6.8	24.0	1889.1	798.0	-1.5	-38.0	273.7	25.0	24.9	-1.6	289.8	290.4	0.2	4.1	5.2	133.
7.1	25.0	1989.4	788.0	-1.8	-32.0	269.9	24.6	24.6	0.0	290.5	291.6	0.3	7.7	5.5	130.
7.6	26.0	2111.4	776.0	-1.9	-28.9	267.3	25.3	25.2	1.2	291.6	293.1	0.4	10.5	6.1	125.
7.9	27.0	2214.4	766.0	-2.3	-31.6	265.1	25.1	25.0	2.1	292.4	293.5	0.4	8.3	6.5	123.
8.1	28.0	2318.6	756.0	-2.9	-33.5	263.6	24.9	24.8	2.8	292.8	293.7	0.3	7.2	6.7	121.
8.5	29.0	2413.3	747.0	-3.3	-34.6	260.5	24.5	24.2	4.0	293.3	294.2	0.3	6.7	7.2	118.
8.9	30.0	2519.7	737.0	-4.0	-35.9	258.4	24.5	24.0	4.9	293.8	294.5	0.2	6.2	7.6	115.
9.2	31.0	2627.3	727.0	-4.9	-36.4	257.6	24.8	24.2	5.3	293.9	294.6	0.2	6.3	8.0	113.
9.6	32.0	2725.1	718.0	-5.3	-36.7	257.1	25.4	24.8	5.7	294.4	295.2	0.2	6.3	8.4	111.
9.9	33.0	2835.0	708.0	-6.1	-38.1	257.0	26.0	25.4	5.8	294.8	295.5	0.2	5.8	8.8	109.
10.3	34.0	2946.1	698.0	-6.7	-39.4	256.5	26.6	25.8	6.2	295.3	295.9	0.2	5.3	9.4	107.
10.7	35.0	3047.4	689.0	-7.1	-39.7	255.5	26.8	26.0	6.7	295.9	296.5	0.2	5.3	10.0	105.
11.1	36.0	3172.5	678.0	-8.2	-40.2	254.1	26.7	25.7	7.3	296.1	296.7	0.2	5.4	10.5	103.
11.5	37.0	3276.1	669.0	-8.9	-41.7	252.4	26.5	25.3	8.0	296.5	296.9	0.1	4.9	11.1	102.
11.8	38.0	3380.8	660.0	-9.6	-44.6	251.7	26.7	25.4	8.4	296.8	297.1	0.1	3.8	11.5	101.
12.3	39.0	3486.6	651.0	-10.6	-45.1	251.0	28.0	26.5	9.1	296.8	297.2	0.1	3.9	12.2	99.
12.7	40.0	3593.5	642.0	-11.3	-44.1	250.4	30.1	28.4	10.1	297.2	297.6	0.1	4.6	12.8	97.
13.1	41.0	3725.8	631.0	-12.3	-43.6	249.4	32.7	30.6	11.5	297.5	297.9	0.1	5.3	13.4	96.
13.4	42.0	3835.5	622.0	-12.6	-41.9	248.0	34.5	32.0	12.9	298.4	298.9	0.2	6.5	14.0	95.
13.8	43.0	3934.3	614.0	-12.6	-41.9	245.5	36.2	33.0	15.0	299.5	300.1	0.2	6.5	14.8	93.
14.1	44.0	4046.9	605.0	-13.0	-42.1	243.5	37.2	33.3	16.6	300.3	300.8	0.2	6.6	15.4	92.
14.4	45.0	4161.0	596.0	-13.7	-42.6	241.6	37.7	33.1	17.9	300.8	301.3	0.1	6.6	16.0	91.
14.8	46.0	4276.4	587.0	-14.7	-44.0	240.0	38.1	33.0	19.0	301.0	301.4	0.1	6.1	16.8	89.
15.1	47.0	4380.1	579.0	-15.4	-45.3	239.5	38.4	33.1	19.5	301.3	301.7	0.1	5.6	17.4	88.
15.5	48.0	4498.3	570.0	-16.0	-46.6	239.9	39.1	33.8	19.6	302.0	302.4	0.1	5.1	18.2	87.
15.9	49.0	4604.7	562.0	-16.1	-47.8	241.7	40.9	36.0	19.4	303.1	303.4	0.1	4.5	19.0	85.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

7 FEBRUARY 1975  
1115 GMT

150 23. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.2	50.0	4712.8	554.0	-15.7	-47.6	243.2	42.5	38.0	19.2	304.8	305.1	0.1	4.5	19.7	85.
16.7	51.0	4836.2	545.0	-16.0	-49.0	245.3	45.6	41.4	19.1	305.9	306.2	0.1	3.9	21.0	83.
17.0	52.0	4961.6	536.0	-16.4	-49.2	246.2	47.4	43.4	19.1	306.9	307.2	0.1	3.9	21.8	83.
17.5	53.0	5074.7	528.0	-16.4	-49.2	246.8	51.1	47.0	20.2	308.2	308.5	0.1	3.9	23.0	82.
17.8	54.0	5189.6	520.0	-16.2	-47.9	246.4	53.6	49.1	21.4	309.7	310.1	0.1	4.5	24.1	81.
18.1	55.0	5321.0	511.0	-16.1	-44.0	246.0	56.1	51.2	22.8	311.4	312.0	0.1	6.9	25.1	81.
18.7	56.0	5469.8	501.0	-16.2	-42.1	244.8	61.1	55.3	26.0	313.0	313.7	0.2	8.6	27.0	79.
19.0	57.0	5590.8	493.0	-16.6	-43.6	244.3	63.6	57.4	27.6	314.0	314.6	0.2	7.5	28.1	79.
19.4	58.0	5713.6	485.0	-17.5	-43.5	243.4	64.5	57.7	28.9	314.4	315.0	0.2	8.2	29.6	78.
19.7	59.0	5837.9	477.0	-18.3	-40.1	242.5	63.0*	55.9	29.2	314.9	315.8	0.2	12.6	30.9	77.
20.0	60.0	5964.0	469.0	-19.1	-40.3	241.2	60.6*	53.1	29.1	315.5	316.3	0.2	13.2	32.3	77.
20.5	61.0	6075.8	462.0	-19.6	-40.0	239.9	57.1*	49.4	28.7	316.1	317.0	0.2	14.3	33.5	76.
20.9	62.0	6189.0	455.0	-20.7	-41.9	240.8	59.4*	51.8	29.0	316.2	316.9	0.2	12.9	34.7	75.
21.3	63.0	6319.9	447.0	-21.6	-42.2	241.9	62.4*	55.0	25.4	316.6	317.3	0.2	13.5	36.2	75.
21.7	64.0	6436.0	440.0	-22.7	-42.4	242.5	63.5*	56.3	29.3	316.7	317.4	0.2	14.6	37.9	74.
22.0	65.0	6553.4	433.0	-23.5	-41.8	242.6	62.7*	55.7	28.9	317.1	317.9	0.2	16.6	39.2	74.
22.5	66.0	6723.9	423.0	-24.7	-42.0	241.9	59.4*	52.4	28.0	317.7	318.5	0.2	18.1	40.8	73.
22.9	67.0	6827.7	417.0	-25.4	-42.8	241.8	60.2*	53.0	28.4	318.2	318.9	0.2	17.7	42.0	73.
23.3	68.0	6950.4	410.0	-26.0	-42.6	242.1	62.5*	55.2	29.2	318.9	319.6	0.2	19.1	43.5	73.
23.7	69.0	7075.0	403.0	-26.3	-44.6	242.4	64.3*	57.0	29.8	320.1	320.7	0.2	15.9	45.1	72.
24.0	70.0	7201.7	396.0	-26.4	-45.9	242.6	64.9*	57.6	29.9	321.5	322.1	0.2	13.9	46.4	72.
24.5	71.0	7348.7	388.0	-28.1	-47.8	242.4	64.8*	57.4	30.1	321.1	321.6	0.1	13.1	48.1	72.
24.9	72.0	7479.1	381.0	-29.3	-48.7	242.0	66.9*	59.1	31.4	321.2	321.7	0.1	13.2	49.6	71.
25.4	73.0	7611.2	374.0	-30.5	99.9	241.6	69.8*	61.4	33.2	321.5	999.9	99.9	999.9	51.6	71.
25.8	74.0	7725.9	368.0	-31.2	99.9	241.1	69.9*	61.2	33.8	322.1	999.9	99.9	999.9	53.5	71.
26.1	75.0	7842.2	362.0	-32.1	99.9	240.6	69.0*	60.1	33.9	322.3	999.9	99.9	999.9	54.8	71.
26.5	76.0	7979.7	355.0	-33.4	99.9	239.6	66.9*	57.7	33.9	322.4	999.9	99.9	999.9	56.3	70.
26.9	77.0	8099.1	349.0	-34.5	99.9	238.6	67.4*	57.5	35.1	322.5	999.9	99.9	999.9	57.7	70.
27.3	78.0	8240.5	342.0	-35.6	99.9	238.3	69.9*	59.5	36.7	322.9	999.9	99.9	999.9	59.4	70.
27.9	79.0	8363.4	336.0	-36.6	99.9	239.2	75.3*	64.7	38.5	323.1	999.9	99.9	999.9	61.9	69.
28.2	80.0	8508.9	329.0	-37.7	99.9	239.7	77.9*	67.2	39.3	323.6	999.9	99.9	999.9	63.3	69.
28.8	81.0	8656.7	322.0	-39.2	99.9	239.2	81.0*	69.6	41.5	323.5	999.9	99.9	999.9	66.2	69.
29.1	82.0	8785.5	316.0	-39.7	99.9	238.3	80.7*	68.6	42.4	324.5	999.9	99.9	999.9	67.7	68.
29.7	83.0	8916.2	310.0	-40.8	99.9	236.1	72.2*	60.0	40.2	324.8	999.9	99.9	999.9	70.6	68.
30.0	84.0	9048.9	304.0	-42.1	99.5	235.1	65.0*	53.4	37.2	324.8	999.9	99.9	999.9	72.3	68.
30.4	85.0	9160.8	299.0	-43.3	99.9	234.8	57.3*	46.9	33.0	324.6	999.9	99.9	999.9	73.2	67.
30.9	86.0	9319.7	292.0	-44.9	99.9	235.6	56.9*	46.9	32.1	324.6	999.9	99.9	999.9	74.4	67.
31.3	87.0	9458.2	286.0	-46.0	99.9	236.4	61.1*	50.9	33.8	324.9	999.9	99.9	999.9	75.9	67.
31.9	88.0	9575.2	281.0	-47.3	99.9	236.6	65.4*	54.0	36.0	324.7	999.9	99.9	999.9	78.4	67.
32.2	89.0	9717.6	275.0	-48.5	99.9	236.1	64.2*	53.3	35.8	325.0	999.9	99.9	999.9	79.5	66.
32.7	90.0	9838.0	270.0	-49.6	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	999.9	999.9	999.
33.1	91.0	9984.8	264.0	-50.8	99.9	999.9	99.9	99.9	99.9	325.5	999.9	99.9	999.9	999.9	999.
33.5	92.0	10109.0	259.0	-52.0	99.9	999.9	99.9	99.9	99.9	325.5	999.9	99.9	999.9	999.9	999.
33.9	93.0	10235.0	254.0	-53.1	99.9	999.9	99.9	99.9	99.9	325.7	999.9	99.9	999.9	999.9	999.
34.3	94.0	10362.8	249.0	-54.2	99.9	999.9	99.9	99.9	99.9	325.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

7 FEBRUARY 1975  
1115 GMT

150 23. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES.

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.7	95.0	10492.6	244.0	-55.3	99.9	999.9	99.9	99.9	99.9	326.1	999.9	99.9	999.9	999.9	999.9
35.1	96.0	10677.6	237.0	-57.0	99.9	999.9	99.9	99.9	99.9	326.3	999.9	99.9	999.9	999.9	999.9
35.6	97.0	10812.1	232.0	-58.3	99.9	999.9	99.9	99.9	99.9	326.2	999.9	99.9	999.9	999.9	999.9
36.0	98.0	10921.4	228.0	-58.9	99.9	999.9	99.9	99.9	99.9	327.1	999.9	99.9	999.9	999.9	999.9
36.4	99.0	11060.2	223.0	-60.1	99.9	999.9	99.9	99.9	99.9	327.3	999.9	99.9	999.9	999.9	999.9
36.8	100.0	11201.4	218.0	-61.2	99.9	999.9	99.9	99.9	99.9	327.7	999.9	99.9	999.9	999.9	999.9
37.2	101.0	11345.1	213.0	-62.1	99.9	999.9	99.9	99.9	99.9	328.5	999.9	99.9	999.9	999.9	999.9
37.7	102.0	11491.9	208.0	-62.5	99.9	999.9	99.9	99.9	99.9	330.1	999.9	99.9	999.9	999.9	999.9
38.0	103.0	11612.9	204.0	-58.2	99.9	999.9	99.9	99.9	99.9	338.7	999.9	99.9	999.9	999.9	999.9
38.5	104.0	11770.2	199.0	-55.5	99.9	999.9	99.9	99.9	99.9	345.4	999.9	99.9	999.9	999.9	999.9
38.9	105.0	11899.3	195.0	-56.5	99.9	999.9	99.9	99.9	99.9	345.8	999.9	99.9	999.9	999.9	999.9
39.2	106.0	12063.7	190.0	-57.8	99.9	999.9	99.9	99.9	99.9	346.2	999.9	99.9	999.9	999.9	999.9
39.7	107.0	12197.7	186.0	-58.2	99.9	999.9	99.9	99.9	99.9	347.8	999.9	99.9	999.9	999.9	999.9
40.1	108.0	12334.7	182.0	-58.0	99.9	999.9	99.9	99.9	99.9	350.2	999.9	99.9	999.9	999.9	999.9
40.7	109.0	12474.6	178.0	-58.5	99.9	999.9	99.9	99.9	99.9	351.6	999.9	99.9	999.9	999.9	999.9
41.0	110.0	12617.3	174.0	-59.0	99.9	999.9	99.9	99.9	99.9	353.1	999.9	99.9	999.9	999.9	999.9
41.7	111.0	12836.7	168.0	-60.3	99.9	999.9	99.9	99.9	99.9	354.6	999.9	99.9	999.9	999.9	999.9
42.0	112.0	12949.7	165.0	-58.0	99.9	999.9	99.9	99.9	99.9	360.2	999.9	99.9	999.9	999.9	999.9
42.6	113.0	13104.4	161.0	-57.8	99.9	999.9	99.9	99.9	99.9	363.0	999.9	99.9	999.9	999.9	999.9
43.0	114.0	13262.8	157.0	-58.7	99.9	999.9	99.9	99.9	99.9	364.2	999.9	99.9	999.9	999.9	999.9
43.5	115.0	13424.9	153.0	-58.7	99.9	999.9	99.9	99.9	99.9	366.9	999.9	99.9	999.9	999.9	999.9
44.0	116.0	13633.1	148.0	-59.7	99.9	999.9	99.9	99.9	99.9	368.6	999.9	99.9	999.9	999.9	999.9
44.5	117.0	13760.9	145.0	-60.3	99.9	999.9	99.9	99.9	99.9	369.8	999.9	99.9	999.9	999.9	999.9
45.0	118.0	13935.4	141.0	-60.3	99.9	999.9	99.9	99.9	99.9	372.8	999.9	99.9	999.9	999.9	999.9
45.5	119.0	14114.5	137.0	-61.2	99.9	999.9	99.9	99.9	99.9	374.3	999.9	99.9	999.9	999.9	999.9
46.0	120.0	14251.9	134.0	-61.4	99.9	999.9	99.9	99.9	99.9	376.3	999.9	99.9	999.9	999.9	999.9
46.5	121.0	14439.7	130.0	-61.7	99.9	999.9	99.9	99.9	99.9	379.0	999.9	99.9	999.9	999.9	999.9
47.0	122.0	14584.4	127.0	-61.5	99.9	999.9	99.9	99.9	99.9	381.8	999.9	99.9	999.9	999.9	999.9
47.6	123.0	14732.6	124.0	-61.4	99.9	999.9	99.9	99.9	99.9	384.8	999.9	99.9	999.9	999.9	999.9
48.0	124.0	14884.4	121.0	-61.7	99.9	999.9	99.9	99.9	99.9	386.8	999.9	99.9	999.9	999.9	999.9
48.6	125.0	15092.3	117.0	-62.3	99.9	999.9	99.9	99.9	99.9	389.5	999.9	99.9	999.9	999.9	999.9
49.2	126.0	15307.0	113.0	-62.6	99.9	999.9	99.9	99.9	99.9	392.7	999.9	99.9	999.9	999.9	999.9
49.8	127.0	15472.7	110.0	-63.2	99.9	999.9	99.9	99.9	99.9	394.7	999.9	99.9	999.9	999.9	999.9
50.3	128.0	15642.7	107.0	-63.4	99.9	999.9	99.9	99.9	99.9	397.5	999.9	99.9	999.9	999.9	999.9
50.9	129.0	15876.7	103.0	-63.4	99.9	999.9	99.9	99.9	99.9	401.8	999.9	99.9	999.9	999.9	999.9
51.3	130.0	15997.5	101.0	-62.5	99.9	999.9	99.9	99.9	99.9	405.9	999.9	99.9	999.9	999.9	999.9
52.0	131.0	16246.1	97.0	-63.8	99.9	999.9	99.9	99.9	99.9	408.0	999.9	99.9	999.9	999.9	999.9
52.6	132.0	16438.1	94.0	-65.1	99.9	999.9	99.9	99.9	99.9	409.0	999.9	99.9	999.9	999.9	999.9
53.1	133.0	16635.4	91.0	-65.9	99.9	999.9	99.9	99.9	99.9	411.3	999.9	99.9	999.9	999.9	999.9
53.8	134.0	16839.1	88.0	-65.3	99.9	999.9	99.9	99.9	99.9	416.4	999.9	99.9	999.9	999.9	999.9
54.3	135.0	17050.8	85.0	-64.2	99.9	999.9	99.9	99.9	99.9	423.0	999.9	99.9	999.9	999.9	999.9
55.0	136.0	17345.6	81.0	-64.6	99.9	999.9	99.9	99.9	99.9	428.0	999.9	99.9	999.9	999.9	999.9
55.9	137.0	17576.5	78.0	-64.0	99.9	999.9	99.9	99.9	99.9	433.9	999.9	99.9	999.9	999.9	999.9
56.6	138.0	17816.4	75.0	-64.8	99.9	999.9	99.9	99.9	99.9	437.2	999.9	99.9	999.9	999.9	999.9
57.3	139.0	18151.6	71.0	-64.0	99.9	999.9	99.9	99.9	99.9	445.7	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 304  
HATTERAS, NC

7 FEBRUARY 1975  
1115 GMT

150 23. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.1	140.0	18418.6	68.0	-60.1	99.9	999.9	99.9	99.9	99.9	459.6	999.9	99.9	999.9	999.9	999.
59.0	141.0	18701.0	65.0	-58.9	99.9	999.9	99.9	99.9	99.9	468.3	999.9	99.9	999.9	999.9	999.
59.8	142.0	19098.3	61.0	-60.3	99.9	999.9	99.9	99.9	99.9	473.7	999.9	99.9	999.9	999.9	999.
60.6	143.0	19411.3	58.0	-62.3	99.9	999.9	99.9	99.9	99.9	476.1	999.9	99.9	999.9	999.9	999.
61.4	144.0	19737.3	55.0	-65.0	99.9	999.9	99.9	99.9	99.9	477.3	999.9	99.9	999.9	999.9	999.
62.3	145.0	20078.9	52.0	-65.5	99.9	999.9	99.9	99.9	99.9	483.6	999.9	99.9	999.9	999.9	999.
63.3	146.0	20567.7	48.0	-63.8	99.9	999.9	99.9	99.9	99.9	499.0	999.9	99.9	999.9	999.9	999.
64.3	147.0	20965.6	45.0	-61.5	99.9	999.9	99.9	99.9	99.9	513.7	999.9	99.9	999.9	999.9	999.
65.4	148.0	21391.9	42.0	-62.8	99.9	999.9	99.9	99.9	99.9	520.8	999.9	99.9	999.9	999.9	999.
66.7	149.0	21848.9	39.0	-62.5	99.9	999.9	99.9	99.9	99.9	532.9	999.9	99.9	999.9	999.9	999.
67.9	150.0	22340.9	36.0	-64.2	99.9	999.9	99.9	99.9	99.9	540.8	999.9	99.9	999.9	999.9	999.
69.2	151.0	23065.8	32.0	-61.9	99.9	999.9	99.9	99.9	99.9	565.4	999.9	99.9	999.9	999.9	999.
70.6	152.0	23671.7	29.0	-64.2	99.9	268.1	14.6*	14.6	0.5	575.3	999.9	99.9	999.9	182.4	67.
72.1	153.0	24343.5	26.0	-62.1	99.9	999.9	99.9	99.9	99.9	599.4	999.9	99.9	999.9	999.9	999.
73.9	154.0	25105.7	23.0	-59.7	99.9	999.9	99.9	99.9	99.9	627.7	999.9	99.9	999.9	999.9	999.

STATION NO. 311  
ATHENS, GA

5 FEBRUARY 1975  
2315 GMT

157 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	246.0	984.4	7.2	7.2	240.0	2.6	2.3	1.3	282.5	299.0	6.5	100.0	0.0	0.
0.1	8.0	274.5	981.0	6.9	6.4	49.5	2.4	-1.8	-1.5	282.3	298.1	6.2	96.9	0.4	62.
0.4	9.0	367.3	970.0	6.5	6.5	49.5	2.4	-1.8	-1.5	282.9	299.0	6.3	100.2	0.4	62.
0.8	10.0	452.5	960.0	6.3	6.3	272.8	2.3	2.3	-0.1	283.6	299.7	6.3	100.1	0.4	64.
1.2	11.0	573.2	946.0	6.3	6.3	259.6	9.1	8.9	1.6	284.8	301.2	6.4	100.1	0.5	68.
1.5	12.0	660.5	936.0	6.3	6.3	259.1	14.9	14.6	2.8	285.6	302.3	6.4	100.1	0.7	70.
1.9	13.0	757.6	925.0	5.8	5.6	267.4	14.3	14.3	0.7	286.0	302.1	6.2	98.6	1.2	74.
2.3	14.0	855.5	914.0	5.1	5.1	278.1	12.9	12.8	-1.8	286.3	302.0	6.0	99.7	1.4	79.
2.7	15.0	954.4	903.0	4.6	-1.6	281.1	13.7	13.4	-2.6	286.5	296.6	3.8	64.3	1.7	83.
3.1	16.0	1064.2	891.0	8.8	-25.2	275.4	16.7	16.6	-1.6	291.5	293.2	0.6	6.9	2.0	86.
3.4	17.0	1176.3	879.0	9.2	-22.5	271.3	18.7	18.7	-0.4	293.0	295.2	0.7	8.6	2.4	87.
3.8	18.0	1270.9	869.0	8.3	-22.4	271.6	18.7	18.7	-0.5	293.1	295.3	0.7	9.2	2.9	87.
4.1	19.0	1366.2	859.0	7.7	-24.2	273.2	17.9	17.8	-1.0	293.4	295.4	0.6	8.2	3.2	88.
4.4	20.0	1472.1	848.0	7.0	-28.0	275.1	16.9	16.8	-1.5	293.8	295.2	0.4	6.0	3.5	88.
4.8	21.0	1589.0	836.0	6.1	-28.5	274.5	16.0	16.0	-1.2	294.0	295.4	0.4	6.1	3.9	89.
5.1	22.0	1687.3	826.0	5.6	-33.6	272.9	15.5	15.5	-0.8	294.5	295.3	0.3	3.9	4.2	90.
5.4	23.0	1786.8	816.0	5.5	-46.6	270.8	14.9	14.9	-0.2	295.3	295.5	0.1	1.0	4.4	90.
5.8	24.0	1887.4	806.0	5.3	-46.7	270.5	17.2	17.2	-0.2	295.1	296.4	0.1	1.0	4.8	90.
6.1	25.0	1989.4	796.0	6.5	-45.9	270.9	19.9	19.9	-0.3	298.5	298.8	0.1	1.0	5.1	90.
6.5	26.0	2113.8	784.0	6.3	-46.0	271.4	23.9	23.9	-0.6	299.6	299.9	0.1	1.0	5.7	90.
6.9	27.0	2218.9	774.0	6.1	-46.1	270.1	25.8	25.8	-0.1	300.5	300.8	0.1	1.0	6.2	90.
7.2	28.0	2325.1	764.0	5.3	-46.7	269.4	26.7	26.7	0.3	300.7	301.0	0.1	1.0	6.7	90.
7.5	29.0	2421.6	755.0	4.6	-47.1	268.7	27.4	27.4	0.6	301.0	301.2	0.1	1.0	7.3	90.
7.9	30.0	2529.9	745.0	3.7	-47.6	267.9	26.6	26.6	1.0	301.2	301.4	0.1	1.0	8.0	90.
8.2	31.0	2628.4	736.0	2.9	-48.2	267.5	25.9	25.9	1.1	301.3	301.6	0.1	1.0	8.4	90.
8.6	32.0	2727.7	727.0	1.9	-48.8	267.1	25.2	25.2	1.3	301.3	301.5	0.1	1.0	9.0	89.
9.0	33.0	2839.0	717.0	0.8	-49.5	267.1	25.3	25.2	1.3	301.2	301.4	0.1	1.0	9.6	89.
9.3	34.0	2951.5	707.0	-0.2	-50.1	267.2	25.4	25.4	1.2	301.4	301.6	0.1	1.0	10.1	89.
9.7	35.0	3053.8	698.0	-1.0	-50.6	267.1	25.4	25.4	1.3	301.6	301.8	0.1	1.0	10.7	89.
10.1	36.0	3180.2	687.0	-2.0	-51.2	266.7	25.4	25.4	1.5	301.9	302.1	0.0	1.0	11.3	89.
10.5	37.0	3284.8	678.0	-2.6	-51.6	265.8	25.9	25.8	1.9	302.4	302.5	0.0	1.0	11.9	89.
10.9	38.0	3390.7	669.0	-2.9	-51.8	264.5	27.9	27.8	2.7	303.2	303.3	0.0	1.0	12.4	89.
11.2	39.0	3497.8	660.0	-3.4	-52.1	263.3	29.6	29.4	3.5	303.8	304.0	0.0	1.0	13.0	89.
11.7	40.0	3606.2	651.0	-4.1	-52.5	261.6	31.8	31.5	4.6	304.1	304.3	0.0	1.0	13.7	88.
12.0	41.0	3740.2	640.0	-5.2	-53.2	259.8	33.2	32.7	5.9	304.4	304.6	0.0	1.0	14.6	88.
12.3	42.0	3851.1	631.0	-6.1	-53.8	258.7	33.7	33.0	6.6	304.6	304.8	0.0	1.0	15.2	87.
12.7	43.0	3950.8	623.0	-6.7	-49.1	257.9	34.3	33.5	7.2	305.0	305.3	0.1	1.8	15.9	87.
13.0	44.0	4064.3	614.0	-7.4	-43.4	257.9	34.8	34.0	7.3	305.5	305.9	0.1	3.7	16.6	86.
13.3	45.0	4179.0	605.0	-8.5	-38.5	258.7	35.2	34.5	6.9	305.6	306.3	0.2	6.7	17.2	86.
13.7	46.0	4282.0	597.0	-9.5	-37.7	260.2	35.6	35.1	6.1	305.6	306.4	0.2	7.9	18.0	86.
14.0	47.0	4386.0	589.0	-10.4	-33.2	261.5	35.7	35.4	5.3	305.8	307.1	0.4	13.3	18.7	86.
14.3	48.0	4504.4	580.0	-11.2	-29.6	262.7	35.8	35.5	4.6	306.1	308.0	0.6	20.1	19.4	86.
14.8	49.0	4610.9	572.0	-11.8	-27.4	263.9	36.4	36.2	3.9	306.7	309.0	0.7	25.9	20.4	86.
15.2	50.0	4718.8	564.0	-11.8	-31.1	264.0	37.6	37.4	3.9	307.9	309.6	0.5	18.3	21.2	85.
15.8	51.0	4855.7	554.0	-12.1	-35.6	262.8	39.7	39.4	5.0	309.1	310.2	0.3	11.9	22.7	85.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

5 FEBRUARY 1975  
2315 GMT

157 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.1	52.0	4966.7	546.0	-12.9	-36.7	261.8	40.6	40.2	5.8	309.4	310.4	0.3	11.5	23.4	85.
16.5	53.0	5079.1	538.0	-13.5	-58.5	260.1	41.6	41.0	7.2	310.0	310.1	0.0	1.0	24.4	85.
16.9	54.0	5193.1	530.0	-13.6	-47.4	258.2	43.0	42.1	8.8	311.2	311.5	0.1	3.8	25.3	85.
17.2	55.0	5308.5	522.0	-14.3	-49.2	256.9	43.8	42.7	9.9	311.7	312.0	0.1	3.3	26.1	85.
17.8	56.0	5455.1	512.0	-14.7	-51.0	254.3	44.8*	43.2	12.1	312.9	313.2	0.1	2.8	27.8	84.
18.2	57.0	5574.1	504.0	-15.6	-45.2	252.7	45.0*	43.0	13.4	313.3	313.8	0.1	5.8	28.8	84.
18.7	58.0	5679.5	497.0	-16.4	-42.7	250.6	44.6*	42.1	14.8	313.6	314.2	0.2	8.1	30.1	83.
19.0	59.0	5801.4	489.0	-17.1	-38.9	249.4	44.0*	41.2	15.5	314.2	315.1	0.3	13.0	31.0	83.
19.4	60.0	5909.3	482.0	-18.0	-39.6	247.5	41.7*	38.6	15.9	314.3	315.2	0.2	13.1	32.0	82.
19.9	61.0	6018.5	475.0	-18.7	-40.1	245.5	38.9*	35.4	16.1	314.8	315.6	0.2	13.1	33.2	82.
20.3	62.0	6144.9	467.0	-19.7	-40.8	245.1	38.4*	34.9	16.2	315.1	316.0	0.2	13.2	34.0	81.
20.8	63.0	6256.7	460.0	-21.0	-41.1	246.4	40.6*	37.2	16.3	314.8	315.6	0.2	14.4	35.0	81.
21.1	64.0	6369.8	453.0	-21.9	-41.5	247.4	42.7*	39.4	16.4	315.0	315.8	0.2	15.0	35.7	81.
21.5	65.0	6500.7	445.0	-22.9	-42.5	248.5	45.2*	42.0	16.5	315.5	316.2	0.2	14.6	36.9	80.
22.0	66.0	6633.4	437.0	-23.8	-44.9	248.4	45.4*	42.2	16.7	315.9	316.5	0.2	12.2	38.3	80.
22.4	67.0	6751.1	430.0	-25.0	-43.8	247.7	45.7*	42.3	17.4	315.9	316.5	0.2	15.3	39.2	79.
22.9	68.0	6870.1	423.0	-26.2	-44.2	247.1	48.0*	44.2	18.7	315.8	316.5	0.2	16.3	40.5	79.
23.2	69.0	7008.0	415.0	-27.1	-44.0	246.9	49.5*	45.6	19.4	316.4	317.0	0.2	18.3	41.4	79.
23.7	70.0	7112.8	409.0	-28.2	-44.6	246.7	51.2*	47.0	20.2	316.3	317.0	0.2	18.8	43.0	78.
24.2	71.0	7272.1	400.0	-29.2	-45.0	246.6	51.6*	47.4	20.5	317.0	317.6	0.2	19.8	44.5	78.
24.6	72.0	7398.1	393.0	-30.0	-45.7	246.2	52.4*	47.9	21.1	317.6	318.1	0.2	19.8	45.7	78.
25.0	73.0	7507.5	387.0	-30.8	-47.4	245.6	54.1*	49.3	22.3	317.9	318.4	0.1	17.7	46.8	77.
25.4	74.0	7636.7	380.0	-32.0	-48.3	244.6	54.7*	49.4	23.4	318.0	318.5	0.1	17.8	48.2	77.
25.9	75.0	7748.9	374.0	-33.0	-49.4	243.2	51.9*	46.4	23.4	318.1	318.5	0.1	17.4	50.0	77.
26.2	76.0	7881.6	367.0	-34.0	-50.3	242.6	49.1*	43.6	22.6	318.5	318.9	0.1	17.1	50.8	76.
26.7	77.0	7996.8	361.0	-35.0	-51.2	242.6	44.6*	39.6	20.5	318.6	319.0	0.1	17.2	52.1	76.
27.1	78.0	8113.5	355.0	-35.9	-51.9	243.5	42.7*	38.2	19.0	318.9	319.2	0.1	17.3	53.1	76.
27.6	79.0	8251.5	348.0	-37.1	-52.9	244.7	43.1*	39.0	18.4	319.1	319.4	0.1	17.4	54.3	75.
28.0	80.0	8371.5	342.0	-38.1	99.9	244.7	45.0*	40.7	17.2	319.5	999.9	99.9	999.9	55.3	75.
28.5	81.0	8513.6	335.0	-39.2	99.9	244.6	50.3*	45.4	21.5	319.9	999.9	99.9	999.9	56.6	75.
28.9	82.0	8678.9	327.0	-40.3	99.9	245.3	55.9*	50.8	23.4	320.6	999.9	99.9	999.9	57.9	75.
29.4	83.0	8783.7	322.0	-41.5	99.9	245.9	60.6*	55.3	24.8	320.4	999.9	99.9	999.9	59.6	74.
29.8	84.0	8911.1	316.0	-42.4	99.9	245.6	59.8*	54.4	24.7	320.7	999.9	99.9	999.9	61.3	74.
30.2	85.0	9040.3	310.0	-43.4	99.9	244.6	55.8*	50.4	24.0	321.1	999.9	99.9	999.9	62.8	74.
30.7	86.0	9193.6	303.0	-44.7	99.9	242.4	50.0*	44.4	23.2	321.5	999.9	99.9	999.9	64.2	74.
31.2	87.0	9327.1	297.0	-45.7	99.9	240.9	49.2*	43.0	23.9	321.9	999.9	99.9	999.9	65.5	74.
31.7	88.0	9440.0	292.0	-46.7	99.9	241.3	55.5*	48.6	26.7	322.1	999.9	99.9	999.9	66.8	73.
32.2	89.0	9577.4	286.0	-48.0	99.9	242.3	63.8*	56.5	29.7	322.1	999.9	99.9	999.9	68.6	73.
32.6	90.0	9717.0	280.0	-48.6	99.9	242.5	66.6*	59.1	30.7	323.2	999.9	99.9	999.9	70.5	73.
33.1	91.0	9835.5	275.0	-48.6	99.9	241.6	62.3*	54.8	29.7	324.9	999.9	99.9	999.9	72.6	72.
33.6	92.0	9956.2	270.0	-48.6	99.9	239.6	58.6*	50.6	29.7	326.6	999.9	99.9	999.9	74.0	72.
34.0	93.0	10079.2	265.0	-48.7	99.9	238.1	60.6*	51.4	32.0	328.1	999.9	99.9	999.9	75.2	72.
34.5	94.0	10204.1	260.0	-49.6	99.9	236.7	67.4*	56.3	37.0	328.6	999.9	99.9	999.9	77.1	72.
35.0	95.0	10356.8	254.0	-50.2	99.9	235.7	72.5*	59.9	40.9	329.9	999.9	99.9	999.9	79.3	71.
35.6	96.0	10512.4	248.0	-51.6	99.9	234.9	75.4*	61.7	43.4	330.2	999.9	99.9	999.9	81.8	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

5 FEBRUARY 1975  
2315 GMT

157 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.0	97.0	10644.3	243.0	-52.6	99.9	234.6	76.2*	62.1	44.1	330.5	999.9	99.9	999.9	83.7	70.
36.5	98.0	10778.2	238.0	-53.9	99.9	234.1	75.0*	60.7	43.9	330.6	999.9	99.9	999.9	85.9	70.
37.0	99.0	10914.2	233.0	-55.0	99.9	232.8	71.3*	56.8	43.1	330.9	999.9	99.9	999.9	88.1	69.
37.4	100.0	11052.4	228.0	-56.3	99.9	231.3	67.9*	53.0	42.4	331.0	999.9	99.9	999.9	89.7	69.
38.0	101.0	11221.3	222.0	-57.5	99.9	230.0	65.4*	50.1	42.1	331.7	999.9	99.9	999.9	91.8	69.
38.4	102.0	11335.2	218.0	-58.8	99.9	231.2	67.6*	52.6	42.4	331.3	999.9	99.9	999.9	93.3	68.
38.8	103.0	11481.5	213.0	-58.8	99.9	233.6	71.2*	57.4	42.3	333.5	999.9	99.9	999.9	94.7	68.
39.3	104.0	11600.3	209.0	-59.4	99.9	236.6	73.6*	61.4	40.5	334.5	999.9	99.9	999.9	97.0	68.
39.8	105.0	11751.5	204.0	-59.5	99.9	238.1	68.3*	58.0	36.1	336.6	999.9	99.9	999.9	99.5	68.
40.2	106.0	11876.2	200.0	-58.0	99.9	238.6	61.6**	52.6	32.1	340.9	999.9	99.9	999.9	101.1	67.
40.7	107.0	12036.4	195.0	-56.5	99.9	240.1	59.1**	51.2	29.4	345.8	999.9	99.9	999.9	102.3	67.
41.3	108.0	12168.2	191.0	-55.5	99.9	242.9	65.8**	58.6	30.0	349.5	999.9	99.9	999.9	104.4	67.
41.8	109.0	12303.3	187.0	-54.9	99.9	243.9	65.6**	58.9	28.8	352.6	999.9	99.9	999.9	107.0	67.
42.4	110.0	12476.6	182.0	-54.9	99.9	244.1	62.8**	56.5	27.4	355.4	999.9	99.9	999.9	109.1	67.
43.1	111.0	12655.0	177.0	-54.2	99.9	244.8	80.8**	73.1	34.4	359.3	999.9	99.9	999.9	111.1	67.
43.6	112.0	12801.4	173.0	-54.7	99.9	245.3	87.6**	79.6	36.6	360.8	999.9	99.9	999.9	114.7	67.
44.2	113.0	12950.9	169.0	-55.3	99.9	245.9	66.6**	60.8	27.3	362.2	999.9	99.9	999.9	118.1	67.
44.8	114.0	13103.5	165.0	-55.8	99.9	246.6	44.9**	41.2	17.8	363.8	999.9	99.9	999.9	119.4	67.
45.3	115.0	13220.1	162.0	-56.6	99.9	247.4	43.6**	40.3	16.7	364.4	999.9	99.9	999.9	120.5	67.
46.0	116.0	13418.4	157.0	-57.8	99.9	248.6	57.5**	53.6	21.0	365.7	999.9	99.9	999.9	122.1	67.
46.4	117.0	13580.9	153.0	-58.5	99.9	249.1	57.8**	54.0	20.6	367.2	999.9	99.9	999.9	124.2	67.
47.0	118.0	13747.3	149.0	-59.0	99.9	249.5	41.8**	39.2	14.7	369.1	999.9	99.9	999.9	126.8	67.
47.5	119.0	13874.7	146.0	-59.5	99.9	249.5	31.0**	29.1	10.8	370.4	999.9	99.9	999.9	126.9	67.
48.1	120.0	14048.2	142.0	-60.4	99.9	249.1	42.6**	39.8	15.2	371.8	999.9	99.9	999.9	127.6	67.
48.6	121.0	14181.0	139.0	-61.1	99.9	247.5	49.2**	45.5	18.8	372.8	999.9	99.9	999.9	129.8	67.
49.1	122.0	14362.2	135.0	-61.5	99.9	244.2	41.9**	37.8	16.2	375.3	999.9	99.9	999.9	131.8	67.
49.6	123.0	14501.5	132.0	-61.5	99.9	242.4	39.0**	34.6	18.1	377.7	999.9	99.9	999.9	132.0	67.
50.1	124.0	14644.2	129.0	-60.9	99.9	245.4	51.8**	47.1	21.5	381.2	999.9	99.9	999.9	132.8	67.
50.5	125.0	14839.8	125.0	-61.3	99.9	247.2	63.5**	58.6	24.6	384.0	999.9	99.9	999.9	135.1	67.
51.2	126.0	15041.5	121.0	-61.7	99.9	246.1	60.8**	55.6	24.6	386.9	999.9	99.9	999.9	137.8	67.
51.7	127.0	15196.6	118.0	-62.8	99.9	245.1	55.6**	50.4	23.4	387.7	999.9	99.9	999.9	139.3	67.
52.0	128.0	15354.6	115.0	-64.5	99.9	245.0	53.3**	48.3	22.5	387.4	999.9	99.9	999.9	140.4	67.
52.4	129.0	15516.0	112.0	-65.1	99.9	245.7	47.1**	43.0	19.4	389.2	999.9	99.9	999.9	141.7	67.
52.9	130.0	15681.2	109.0	-65.9	99.9	246.3	34.6**	31.6	13.9	390.8	999.9	99.9	999.9	143.2	67.
53.5	131.0	15908.1	105.0	-66.1	99.9	244.8	21.6**	19.5	9.2	394.6	999.9	99.9	999.9	144.0	67.
54.2	132.0	16083.6	102.0	-66.9	99.9	241.9	30.6**	27.0	14.4	396.3	999.9	99.9	999.9	144.5	67.
54.8	133.0	16263.5	99.0	-67.9	99.9	242.2	47.7**	42.2	22.2	397.7	999.9	99.9	999.9	145.9	67.
55.4	134.0	16448.3	96.0	-68.3	99.9	243.1	57.2**	51.0	25.8	400.4	999.9	99.9	999.9	148.2	67.
56.1	135.0	16574.6	94.0	-68.3	99.9	244.2	48.9**	44.0	21.3	402.8	999.9	99.9	999.9	150.7	67.
56.9	136.0	16835.7	90.0	-68.1	99.9	241.9	26.7**	23.5	12.5	408.3	999.9	99.9	999.9	152.7	67.
57.7	137.0	17040.1	87.0	-66.5	99.9	239.3	30.0**	25.8	15.3	415.6	999.9	99.9	999.9	153.0	67.
58.4	138.0	17252.2	84.0	-67.1	99.9	243.2	51.8**	46.2	23.4	418.5	999.9	99.9	999.9	154.9	67.
59.0	139.0	17470.9	81.0	-68.7	99.9	246.4	47.6**	43.6	19.0	419.5	999.9	99.9	999.9	158.0	66.
59.7	140.0	17697.0	78.0	-68.5	99.9	249.2	45.0**	42.0	16.0	424.5	999.9	99.9	999.9	158.4	67.
60.4	141.0	18013.8	74.0	-66.9	99.9	247.7	56.8**	52.5	21.5	434.4	999.9	99.9	999.9	161.0	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 311  
ATHENS, GA

5 FEBRUARY 1975  
2315 GMT

157 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.2	142.0	18263.2	71.0	-67.9	99.9	249.4	29.1**	27.2	10.3	437.4	999.9	99.9	999.9	164.0	67.
61.9	143.0	18435.4	69.0	-65.9	99.9	302.7	7.4**	6.2	-4.0	445.3	999.9	99.9	999.9	163.8	67.
62.8	144.0	18704.6	66.0	-67.7	99.9	303.4	12.3**	9.5	-7.8	447.1	999.9	99.9	999.9	163.9	67.
63.6	145.0	18984.4	63.0	-67.9	99.9	259.1	26.6**	26.1	5.0	452.6	999.9	99.9	999.9	164.3	67.
64.4	146.0	19278.6	60.0	-66.7	99.9	242.3	41.1**	36.4	19.1	461.7	999.9	99.9	999.9	166.5	67.
65.3	147.0	19589.9	57.0	-65.3	99.9	75.3	19.0**	-18.4	-4.8	471.7	999.9	99.9	999.9	168.2	67.
66.2	148.0	19807.5	55.0	-65.1	99.9	64.8	19.3**	-17.4	-8.2	477.0	999.9	99.9	999.9	164.9	67.
67.1	149.0	20149.7	52.0	-64.7	99.9	258.1	26.9**	26.3	5.6	485.6	999.9	99.9	999.9	165.5	67.
68.1	150.0	20511.4	49.0	-66.1	99.9	257.2	38.6*	37.6	8.5	490.7	999.9	99.9	999.9	168.2	67.
69.1	151.0	20763.6	47.0	-67.1	99.9	253.7	39.2*	37.6	11.0	494.1	999.9	99.9	999.9	170.2	67.
70.2	152.0	21161.9	44.0	-66.9	99.9	247.4	41.5*	38.3	16.0	504.0	999.9	99.9	999.9	173.1	67.
71.3	153.0	21591.1	41.0	-64.5	99.9	264.3	16.9*	16.8	1.7	520.3	999.9	99.9	999.9	175.4	67.
72.7	154.0	21897.5	39.0	-63.5	99.9	265.4	23.9*	23.9	1.9	530.2	999.9	99.9	999.9	176.4	67.
73.8	155.0	22389.9	36.0	-62.8	99.9	2.7	10.8*	-0.5	-10.8	544.4	999.9	99.9	999.9	177.8	68.
75.0	156.0	22740.2	34.0	-65.1	99.9	47.7	28.8*	-21.3	-19.4	547.3	999.9	99.9	999.9	175.5	68.
76.2	157.0	23703.2	31.0	-65.1	99.9	37.4	7.5*	-4.5	-5.9	562.0	999.9	99.9	999.9	174.5	68.
78.0	158.0	23711.0	29.0	-63.7	99.9	256.6	33.1*	32.2	7.7	576.5	999.9	99.9	999.9	175.7	68.
79.8	159.0	24382.4	26.0	-62.8	99.9	251.9	46.7*	44.4	14.5	597.5	999.9	99.9	999.9	180.3	68.
81.5	160.0	25142.5	23.0	-60.2	99.9	253.9	56.4*	54.2	15.6	626.3	999.9	99.9	999.9	186.5	68.
83.7	161.0	25711.5	21.0	-59.0	99.9	317.6	5.9*	4.0	-4.3	646.5	999.9	99.9	999.9	187.6	69.
86.2	162.0	26339.5	19.0	-58.2	99.9	261.0	26.4*	26.1	4.1	665.8	999.9	99.9	999.9	189.0	69.
88.9	163.0	27421.8	16.0	-57.5	99.9	999.9	99.9	99.9	99.9	703.8	999.9	99.9	999.9	999.9	999.

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
515 GMT

148 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ °G
0.0	8.1	246.0	984.1	5.0	5.0	220.0	2.6	1.7	2.0	280.1	294.3	5.6	100.0	0.0	0.
0.3	9.0	330.2	974.0	4.3	4.3	256.3	16.0	15.5	3.8	280.2	293.9	5.4	101.2	0.3	55.
0.6	10.0	432.1	962.0	8.7	5.2	256.9	15.7	15.3	3.6	285.7	300.8	5.8	78.9	0.4	61.
1.1	11.0	553.7	948.0	9.6	3.3	260.5	15.2	15.0	2.5	287.7	301.3	5.1	64.9	0.8	70.
1.6	12.0	650.8	937.0	10.5	3.8	264.7	17.2	17.1	1.6	289.7	304.0	5.4	63.2	1.2	75.
1.9	13.0	749.3	926.0	10.7	3.8	266.7	18.6	18.6	1.1	290.9	305.4	5.5	62.5	1.6	77.
2.2	14.0	848.8	915.0	9.9	2.3	267.4	19.7	19.6	0.9	291.0	304.3	4.9	58.8	1.9	79.
2.6	15.0	949.2	904.0	9.2	0.6	267.3	20.2	20.2	0.9	291.2	303.2	4.4	54.9	2.4	81.
3.0	16.0	1078.4	890.0	8.3	-1.6	267.0	19.0	19.0	1.0	291.5	302.0	3.8	49.7	2.9	82.
3.5	17.0	1181.1	879.0	7.6	-3.0	267.7	19.3	19.3	0.8	291.7	301.4	3.5	46.9	3.4	83.
3.8	18.0	1284.6	868.0	6.5	-3.6	266.3	20.4	20.3	1.3	291.7	301.0	3.4	48.2	3.8	83.
4.1	19.0	1389.3	857.0	6.0	-2.2	264.9	21.0	20.9	1.9	292.2	302.7	3.8	55.5	4.2	83.
4.5	20.0	1485.3	847.0	5.0	-2.1	263.0	20.7	20.5	2.5	292.1	302.8	3.9	60.0	4.7	83.
4.9	21.0	1611.4	834.0	4.1	-2.1	258.7	20.2	19.8	3.9	292.5	303.3	3.9	63.8	5.2	83.
5.3	22.0	1719.3	823.0	3.3	-2.9	253.7	20.6	19.7	5.8	292.7	303.1	3.8	64.0	5.6	83.
5.7	23.0	1818.3	813.0	2.3	-2.4	248.8	20.9	19.5	7.6	292.7	303.6	3.9	71.1	6.1	82.
6.0	24.0	1928.3	802.0	1.8	-5.6	245.2	20.9	19.0	8.8	293.2	302.1	3.2	58.1	6.6	81.
6.5	25.0	2029.4	792.0	1.0	-7.6	242.1	21.8	19.2	10.2	293.4	301.1	2.7	52.8	7.1	79.
6.9	26.0	2162.3	779.0	0.2	-10.2	242.2	23.8	21.0	11.1	293.8	300.3	2.3	45.7	7.7	78.
7.3	27.0	2265.8	769.0	-0.0	-18.1	241.7	23.1	20.3	10.9	294.6	298.2	1.2	24.0	8.2	77.
7.7	28.0	2370.4	759.0	-0.8	-24.4	242.1	21.9	19.4	10.3	294.8	296.9	0.7	14.7	8.7	76.
8.1	29.0	2476.1	749.0	-1.8	-25.1	243.9	21.5	19.3	9.5	294.9	296.9	0.7	14.8	9.2	75.
8.5	30.0	2582.9	739.0	-2.4	-27.2	246.5	22.0	20.2	8.8	295.3	297.0	0.6	12.7	9.6	75.
8.9	31.0	2690.9	729.0	-2.5	-29.3	248.4	23.5	21.8	8.6	296.3	297.7	0.5	10.6	10.2	74.
9.3	32.0	2789.4	720.0	-2.7	-27.9	249.8	24.8	23.3	8.5	297.2	298.8	0.5	12.2	10.8	74.
9.7	33.0	2900.1	710.0	-3.2	-19.0	251.0	26.0	24.6	8.5	297.9	301.5	1.2	28.2	11.4	74.
10.2	34.0	3012.3	700.0	-3.6	-20.4	252.1	27.8	26.5	8.6	298.6	301.9	1.1	25.8	12.2	74.
10.5	35.0	3125.9	690.0	-3.9	-22.6	252.3	29.1	27.7	8.8	299.5	302.2	0.9	21.6	12.7	74.
11.1	36.0	3264.2	678.0	-4.5	-24.9	250.2	31.7	29.8	10.7	300.3	302.6	0.7	18.4	13.8	74.
11.5	37.0	3369.3	669.0	-4.8	-53.0	248.1	33.3	30.9	12.4	301.0	301.1	0.0	1.0	14.6	73.
11.9	38.0	3475.6	660.0	-5.1	-49.9	246.8	34.5	31.7	13.6	301.8	302.0	0.1	1.5	15.4	73.
12.4	39.0	3583.3	651.0	-5.7	-50.0	247.1	35.2	32.4	13.7	302.3	302.5	0.1	1.5	16.5	72.
12.8	40.0	3704.4	641.0	-6.3	-53.9	248.7	35.1	32.7	12.7	303.0	303.1	0.0	1.0	17.3	72.
13.3	41.0	3839.4	630.0	-7.4	-54.6	251.4	34.7	32.8	11.1	303.3	303.4	0.0	1.0	18.4	72.
13.7	42.0	3951.3	621.0	-8.1	-55.1	253.3	34.6	33.1	9.9	303.7	303.8	0.0	1.0	19.2	72.
14.1	43.0	4064.5	612.0	-8.9	-35.9	254.7	35.2*	33.9	9.3	304.1	305.1	0.3	9.0	20.0	72.
14.7	44.0	4179.2	603.0	-8.7	-24.3	254.7	38.0*	36.7	10.1	305.7	308.5	0.9	26.8	21.2	72.
15.1	45.0	4295.6	594.0	-9.6	-23.3	253.8	40.1*	38.5	11.2	306.0	309.1	1.0	31.5	22.2	73.
15.6	46.0	4400.2	586.0	-10.2	-22.8	252.2	41.2*	39.2	12.6	306.5	309.8	1.0	34.6	23.6	73.
16.0	47.0	4519.3	577.0	-11.2	-22.8	250.9	41.6*	39.3	13.6	306.7	310.1	1.1	37.6	24.4	73.
16.5	48.0	4639.9	568.0	-11.9	-23.0	249.7	42.2*	39.5	14.6	307.3	310.6	1.1	39.0	25.7	72.
17.0	49.0	4762.0	559.0	-12.6	-23.6	248.8	40.5*	37.7	14.6	307.8	311.1	1.0	39.2	27.2	72.
17.4	50.0	4871.9	551.0	-13.6	-23.7	248.6	38.7*	36.0	14.1	307.9	311.1	1.0	41.8	28.1	72.
18.0	51.0	5011.0	541.0	-14.3	-23.5	249.6	39.0*	36.5	13.6	308.7	312.1	1.1	45.4	29.0	72.
18.4	52.0	5123.9	533.0	-15.1	-26.3	250.6	39.8*	37.5	13.2	309.0	311.7	0.8	37.4	30.4	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
515 GMT

148 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.9	53.0	5252.4	524.0	-16.1	-26.7	250.7	40.7*	38.4	13.4	309.3	312.0	0.8	39.3	31.4	72.
19.3	54.0	5368.2	516.0	-16.8	-27.3	249.8	42.6*	40.0	14.7	309.9	312.4	0.8	39.3	32.3	72.
19.8	55.0	5485.3	508.0	-17.8	-27.3	248.2	44.6*	41.4	16.6	309.9	312.5	0.8	43.3	33.8	72.
20.2	56.0	5633.8	498.0	-18.9	-27.7	247.0	44.3*	40.7	17.3	310.4	312.9	0.8	45.4	35.0	72.
20.8	57.0	5754.3	490.0	-19.6	-28.2	246.4	42.9*	39.3	17.2	311.0	313.5	0.8	46.3	36.5	71.
21.2	58.0	5876.4	482.0	-20.1	-29.1	246.9	44.6*	41.0	17.4	311.8	314.1	0.7	44.4	37.3	71.
21.6	59.0	6000.4	474.0	-20.5	-30.9	247.6	47.8*	44.2	18.2	312.8	314.8	0.6	38.9	38.3	71.
22.0	60.0	6126.2	466.0	-21.4	-33.1	247.8	50.6*	46.9	19.2	313.3	315.0	0.5	33.6	39.9	71.
22.4	61.0	6237.7	459.0	-22.0	-35.6	246.9	50.1*	46.1	19.6	313.8	315.1	0.4	27.7	41.0	71.
22.9	62.0	6366.8	451.0	-23.0	-37.5	245.5	46.4*	42.2	19.2	314.2	315.3	0.3	24.8	42.4	71.
23.4	63.0	6481.2	444.0	-24.1	-37.9	244.3	41.9*	37.8	18.2	314.1	315.2	0.3	26.7	44.1	71.
23.8	64.0	6596.9	437.0	-25.1	-37.7	244.4	42.1*	38.0	18.2	314.3	315.5	0.3	29.4	44.5	70.
24.2	65.0	6730.9	429.0	-26.1	-37.1	245.1	44.6*	40.4	18.8	314.6	315.9	0.4	34.4	45.4	70.
24.7	66.0	6883.9	420.0	-27.5	-37.7	245.7	47.6*	43.4	19.6	314.9	316.1	0.3	36.8	47.3	70.
25.2	67.0	7004.6	413.0	-28.6	-35.5	245.6	48.9*	44.5	20.2	314.9	316.4	0.4	51.5	48.6	70.
25.7	68.0	7126.8	406.0	-29.8	-35.1	245.6	51.8*	47.2	21.3	314.9	316.5	0.5	59.8	49.8	70.
26.0	69.0	7268.5	398.0	-30.5	-39.2	245.8	54.4*	49.6	22.3	315.8	316.9	0.3	41.7	51.0	70.
26.4	70.0	7394.4	391.0	-31.3	-41.5	246.4	55.0*	50.4	22.0	316.3	317.2	0.3	35.6	52.4	70.
27.0	71.0	7540.5	383.0	-32.7	-44.8	247.2	52.1*	48.0	20.2	316.3	316.9	0.2	28.3	54.3	70.
27.5	72.0	7670.1	376.0	-33.8	-45.5	246.9	48.9*	45.0	19.1	316.6	317.2	0.2	29.3	55.9	70.
27.9	73.0	7801.6	369.0	-34.7	-46.4	246.2	47.5*	43.5	19.2	317.0	317.6	0.2	29.0	56.9	70.
28.4	74.0	7935.0	362.0	-35.9	-40.5	245.6	48.9*	44.5	20.2	317.2	318.3	0.3	62.6	58.5	69.
28.9	75.0	8050.9	356.0	-37.0	-40.6	245.7	54.6*	49.7	22.5	317.3	318.3	0.3	68.7	59.5	69.
29.5	76.0	8188.0	349.0	-38.2	-40.8	245.9	62.2*	56.7	25.4	317.4	318.5	0.3	76.3	62.1	69.
30.0	77.0	8307.0	343.0	-39.4	-42.4	245.7	62.1*	56.6	25.6	317.3	318.3	0.3	73.1	63.9	69.
30.5	78.0	8447.9	336.0	-40.4	99.9	245.0	54.0*	49.0	22.9	318.0	999.9	99.9	999.9	65.8	69.
31.0	79.0	8570.5	330.0	-41.5	99.9	243.8	43.4*	39.0	19.2	318.1	999.9	99.9	999.9	67.7	69.
31.5	80.0	8694.7	324.0	-42.6	99.9	243.1	39.9*	35.6	18.1	318.3	999.9	99.9	999.9	67.7	69.
32.1	81.0	8863.1	316.0	-43.7	99.9	243.6	46.7*	41.9	20.7	319.0	999.9	99.9	999.9	69.9	69.
32.7	82.0	8991.6	310.0	-44.8	99.9	244.1	59.0*	53.1	25.8	319.2	999.9	99.9	999.9	71.4	69.
33.2	83.0	9122.0	304.0	-45.8	99.9	243.8	69.3*	62.2	30.7	319.5	999.9	99.9	999.9	73.4	68.
33.7	84.0	9254.4	298.0	-47.1	99.9	242.8	71.9*	64.0	32.8	319.5	999.9	99.9	999.9	75.9	68.
34.2	85.0	9388.7	292.0	-48.2	99.9	241.6	65.0*	57.2	30.9	319.9	999.9	99.9	999.9	78.2	68.
34.9	86.0	9548.1	285.0	-49.6	99.9	240.4	55.1*	47.9	27.2	320.0	999.9	99.9	999.9	80.5	68.
35.5	87.0	9687.0	279.0	-50.9	99.9	240.0	54.3*	47.0	27.2	320.3	999.9	99.9	999.9	81.9	68.
36.0	88.0	9828.3	273.0	-51.8	99.9	239.3	55.1**	47.4	28.2	320.9	999.9	99.9	999.9	84.3	68.
36.6	89.0	9948.0	268.0	-52.2	99.9	238.2	52.4**	44.5	27.6	322.0	999.9	99.9	999.9	85.6	67.
37.1	90.0	10094.4	262.0	-52.7	99.9	236.9	47.3**	39.7	25.8	323.4	999.9	99.9	999.9	87.8	67.
37.6	91.0	10219.0	257.0	-52.1	99.9	236.7	51.6**	43.1	28.3	326.1	999.9	99.9	999.9	88.6	67.
38.1	92.0	10371.8	251.0	-52.5	99.9	238.1	73.1**	62.1	38.6	327.6	999.9	99.9	999.9	89.3	67.
38.7	93.0	10501.4	246.0	-54.0	99.9	238.8	92.4**	79.1	47.9	327.4	999.9	99.9	999.9	93.8	67.
39.1	94.0	10632.8	241.0	-55.3	99.9	238.6	92.5**	78.9	48.2	327.4	999.9	99.9	999.9	96.5	66.
39.7	95.0	10793.5	235.0	-55.9	99.9	238.4	85.5**	72.9	44.8	328.7	999.9	99.9	999.9	98.6	66.
40.3	96.0	10958.1	229.0	-55.9	99.9	238.3	68.1**	57.9	35.8	331.2	999.9	99.9	999.9	102.7	66.
41.0	97.0	11098.4	224.0	-56.4	99.9	234.6	30.7**	25.0	17.8	332.5	999.9	99.9	999.9	103.7	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
515 GMT

146 20. 0

TIME MIN	CNTCT	HEIGHT GPW	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
41.5	98.0	11241.7	219.0	-56.6	99.9	233.5	25.3**	20.4	15.1	334.4	999.9	99.9	999.9	105.0	66.
42.1	99.0	11388.5	214.0	-55.6	99.9	239.4	48.6**	41.8	24.7	338.2	999.9	99.9	999.9	105.0	65.
42.7	100.0	11539.4	209.0	-55.1	99.9	240.7	64.4**	56.2	31.5	341.2	999.9	99.9	999.9	108.3	65.
43.3	101.0	11694.4	204.0	-54.1	99.9	240.2	67.9**	59.0	33.7	345.1	999.9	99.9	999.9	110.7	65.
44.0	102.0	11853.3	199.0	-54.8	99.9	241.3	97.7**	85.7	47.0	346.5	999.9	99.9	999.9	112.1	65.
44.5	103.0	11983.4	195.0	-54.3	99.9	241.9	116.5**	102.7	55.0	349.3	999.9	99.9	999.9	116.9	65.
45.1	104.0	12149.7	190.0	-54.2	99.9	241.2	79.9**	70.1	38.5	351.2	999.9	99.9	999.9	122.3	65.
45.8	105.0	12320.2	185.0	-54.9	99.9	239.1	36.9**	31.7	18.9	353.6	999.9	99.9	999.9	122.7	65.
46.4	106.0	12460.0	181.0	-54.8	99.9	240.0	53.9**	46.7	27.0	356.1	999.9	99.9	999.9	123.2	65.
47.0	107.0	12602.8	177.0	-55.3	99.9	241.4	81.4**	71.5	39.0	357.6	999.9	99.9	999.9	126.6	65.
47.6	108.0	12748.3	173.0	-56.4	99.9	242.1	72.7**	64.3	34.1	358.0	999.9	99.9	999.9	130.1	65.
48.1	109.0	12934.3	168.0	-56.9	99.9	241.4	55.8**	49.0	26.7	360.2	999.9	99.9	999.9	131.7	65.
48.7	110.0	13086.4	164.0	-58.3	99.9	240.0	44.9**	38.9	22.5	360.4	999.9	99.9	999.9	133.2	65.
49.4	111.0	13280.8	159.0	-59.5	99.9	240.5	43.6**	37.9	21.5	361.6	999.9	99.9	999.9	135.0	65.
50.0	112.0	13439.9	155.0	-60.4	99.9	241.7	44.8**	39.4	21.3	362.7	999.9	99.9	999.9	136.5	64.
50.5	113.0	13602.9	151.0	-60.4	99.9	242.1	41.6**	36.8	19.5	365.4	999.9	99.9	999.9	138.0	64.
51.1	114.0	13770.1	147.0	-60.7	99.9	242.1	31.8**	28.1	14.9	367.6	999.9	99.9	999.9	139.5	64.
51.7	115.0	13898.3	144.0	-61.1	99.9	241.4	40.9**	35.9	19.6	369.2	999.9	99.9	999.9	139.9	64.
52.4	116.0	14117.8	139.0	-61.1	99.9	240.8	75.4**	65.9	36.7	372.9	999.9	99.9	999.9	142.3	64.
53.0	117.0	14298.9	135.0	-61.8	99.9	239.8	73.4**	63.4	37.0	374.8	999.9	99.9	999.9	146.8	64.
53.7	118.0	14438.0	132.0	-61.8	99.9	236.2	35.1**	29.2	19.5	377.2	999.9	99.9	999.9	148.3	64.
54.3	119.0	14628.5	128.0	-61.2	99.9	237.1	28.7**	24.1	15.6	380.5	999.9	99.9	999.9	148.4	64.
54.9	120.0	14824.7	124.0	-62.7	99.9	242.3	51.8**	45.9	24.1	382.3	999.9	99.9	999.9	149.2	64.
55.5	121.0	14975.1	121.0	-64.1	99.9	243.9	64.3**	57.8	28.3	382.6	999.9	99.9	999.9	153.1	64.
56.1	122.0	15128.8	118.0	-64.4	99.9	244.0	52.2**	46.9	22.8	384.6	999.9	99.9	999.9	154.5	64.
56.7	123.0	15285.6	115.0	-66.0	99.9	243.2	45.3**	40.4	20.5	384.5	999.9	99.9	999.9	156.0	64.
57.3	124.0	15500.9	111.0	-65.0	99.9	241.0	43.5**	38.0	21.1	390.3	999.9	99.9	999.9	157.8	64.
58.0	125.0	15667.8	108.0	-65.2	99.9	239.9	40.3**	34.9	20.2	393.0	999.9	99.9	999.9	159.5	64.
58.9	126.0	15897.8	104.0	-65.0	99.9	243.0	41.8**	37.2	19.0	397.6	999.9	99.9	999.9	161.5	64.
59.5	127.0	16076.2	101.0	-65.0	99.9	242.4	44.0**	39.0	20.4	401.0	999.9	99.9	999.9	163.2	64.
60.1	128.0	16259.9	98.0	-65.4	99.9	243.1	44.3**	39.5	20.0	403.7	999.9	99.9	999.9	164.8	64.
60.8	129.0	16449.1	95.0	-65.4	99.9	248.4	44.7**	41.6	16.5	407.3	999.9	99.9	999.9	166.6	64.
61.4	130.0	16644.1	92.0	-65.8	99.9	249.9	43.0**	40.4	14.8	410.2	999.9	99.9	999.9	168.3	64.
62.1	131.0	16845.2	89.0	-66.4	99.9	248.2	28.6**	26.6	10.6	412.9	999.9	99.9	999.9	170.1	64.
62.8	132.0	17052.5	86.0	-67.0	99.9	251.5	19.1**	18.1	6.1	415.8	999.9	99.9	999.9	170.4	64.
63.4	133.0	17266.8	83.0	-67.0	99.9	247.6	30.8**	28.5	11.8	420.0	999.9	99.9	999.9	171.1	64.
64.1	134.0	17489.0	80.0	-67.3	99.9	241.7	42.2**	37.2	20.0	424.0	999.9	99.9	999.9	173.1	64.
64.9	135.0	17719.4	77.0	-67.5	99.9	243.4	39.4**	35.2	17.6	428.2	999.9	99.9	999.9	175.1	64.
65.9	136.0	17960.1	74.0	-65.2	99.9	249.1	36.9**	34.4	13.1	437.8	999.9	99.9	999.9	177.3	64.
66.9	137.0	18211.8	71.0	-65.8	99.9	245.0	39.1**	35.4	16.5	441.8	999.9	99.9	999.9	179.5	64.
67.8	138.0	18473.6	68.0	-66.4	99.9	244.2	40.6**	36.6	17.7	446.0	999.9	99.9	999.9	181.7	64.
68.8	139.0	18747.3	65.0	-66.6	99.9	246.2	33.0**	30.2	13.3	453.5	999.9	99.9	999.9	184.2	64.
69.8	140.0	19035.0	62.0	-65.0	99.9	249.9	35.0**	32.8	12.0	461.0	999.9	99.9	999.9	185.0	64.
70.8	141.0	19336.8	59.0	-65.8	99.9	248.0	31.7**	29.4	11.9	465.8	999.9	99.9	999.9	189.3	64.
71.8	142.0	19653.2	56.0	-66.4	99.9	323.4	3.7**	2.2	-3.0	471.4	999.9	99.9	999.9	189.1	64.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 3 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
515 GMT

148 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
72.8	143.0	19987.7	53.0	-65.0	99.9	321.6	3.5**	2.2	-2.8	482.2	999.9	99.9	999.9	189.1	64.
73.9	144.0	20343.0	50.0	-65.0	99.9	239.0	14.0**	12.0	7.2	490.3	999.9	99.9	999.9	189.3	64.
75.0	145.0	20719.8	47.0	-65.4	99.9	75.8	24.4**	-23.6	-6.0	498.1	999.9	99.9	999.9	189.6	64.
76.1	146.0	21120.6	44.0	-66.0	99.9	332.1	4.7**	2.2	-4.2	506.1	999.9	99.9	999.9	187.3	64.
77.4	147.0	21402.8	42.0	-66.0	99.9	251.9	48.1**	45.7	15.0	512.9	999.9	99.9	999.9	189.7	65.
78.9	148.0	21854.1	39.0	-64.4	99.9	248.5	22.8**	21.2	8.4	527.9	999.9	99.9	999.9	193.3	65.
80.1	149.0	22343.9	36.0	-64.1	99.9	248.1	42.4**	39.3	15.8	541.1	999.9	99.9	999.9	194.4	65.
81.5	150.0	22876.9	33.0	-64.1	99.9	232.5	26.2**	20.8	16.0	554.7	999.9	99.9	999.9	201.2	65.
82.9	151.0	23258.5	31.0	-65.4	99.9	61.5	32.9**	-29.0	-15.7	561.0	999.9	99.9	999.9	196.6	65.
84.6	152.0	23877.6	28.0	-65.6	99.9	254.9	34.2**	33.0	8.9	577.0	999.9	99.9	999.9	198.1	65.
86.5	153.0	24568.8	25.0	-64.2	99.9	258.0	27.5**	26.9	5.7	600.0	999.9	99.9	999.9	203.2	65.
88.5	154.0	25354.2	22.0	-62.5	99.9	262.3	40.2**	39.8	5.4	627.4	999.9	99.9	999.9	203.6	65.
90.9	155.0	25945.5	20.0	-60.2	99.9	999.9	99.9	99.9	99.9	652.0	999.9	99.9	999.9	999.9	999.

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1115 GMT

146 31. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RYD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.1	246.0	982.4	5.6	5.6	220.0	3.1	2.0	2.4	280.9	295.8	5.8	100.0	0.0	0.
0.3	9.0	333.0	972.0	4.4	4.4	2.0	8.3	-0.3	-8.3	280.6	294.4	5.4	100.6	0.5	69.
0.6	10.0	426.1	961.0	6.0	5.6	354.6	8.0	0.8	-8.0	283.1	298.4	5.9	97.1	0.5	74.
1.0	11.0	537.9	948.0	6.2	5.5	323.0	8.3	5.0	-6.6	284.4	299.9	6.0	95.5	0.5	97.
1.3	12.0	633.6	937.0	5.6	2.4	307.0	11.6	9.3	-7.0	284.7	297.4	4.9	79.7	0.7	103.
1.7	13.0	730.2	926.0	5.1	-0.8	298.1	14.9	13.1	-7.0	285.0	295.3	3.9	65.4	1.0	109.
1.9	14.0	828.2	915.0	6.7	-1.1	295.6	15.7	14.1	-6.8	287.6	298.0	3.9	57.4	1.2	111.
2.3	15.0	927.5	904.0	6.5	0.5	286.8	17.3	16.6	-5.0	288.4	300.2	4.4	65.3	1.6	111.
2.7	16.0	1055.5	890.0	5.6	0.9	280.0	18.6	18.3	-3.2	288.8	301.1	4.6	71.2	2.0	109.
3.0	17.0	1157.3	879.0	5.3	0.6	276.5	19.1	19.0	-2.2	289.5	301.7	4.6	71.5	2.4	108.
3.3	18.0	1250.8	869.0	5.5	-8.3	271.2	17.8	17.7	-0.4	290.3	297.0	2.4	36.4	2.7	106.
3.7	19.0	1345.4	859.0	5.5	-16.1	267.9	17.7	17.7	0.6	291.2	294.9	1.3	19.3	3.1	103.
4.1	20.0	1450.6	848.0	5.1	-15.3	269.3	19.1	19.1	0.2	291.9	295.9	1.4	21.2	3.5	101.
4.4	21.0	1566.7	836.0	4.4	-15.3	270.7	20.0	20.0	-0.2	292.4	296.4	1.4	22.1	3.9	101.
4.7	22.0	1664.5	826.0	3.6	-16.3	269.1	19.7	19.7	0.3	292.5	296.3	1.3	21.7	4.2	100.
5.1	23.0	1773.1	815.0	2.9	-17.6	264.6	18.6	18.5	1.8	292.8	296.3	1.2	20.4	4.7	99.
5.4	24.0	1872.9	805.0	2.1	-18.5	261.0	18.0	17.8	2.8	293.0	296.3	1.1	20.0	5.0	97.
5.8	25.0	1973.5	795.0	0.8	-19.8	259.8	20.2	19.8	3.6	292.6	295.6	1.0	19.6	5.4	96.
6.2	26.0	2095.4	783.0	0.1	-20.6	259.2	22.6	22.2	4.2	293.2	296.0	0.9	19.2	5.9	95.
6.4	27.0	2198.3	773.0	-0.0	-23.7	258.7	23.4	22.9	4.6	294.1	296.3	0.7	14.8	6.2	94.
6.8	28.0	2302.4	763.0	-0.9	-24.6	254.6	24.2	23.3	6.4	294.3	296.4	0.7	14.4	6.7	93.
7.2	29.0	2407.5	753.0	-1.5	-25.5	250.7	25.2	23.7	8.3	294.7	296.7	0.6	14.0	7.2	91.
7.5	30.0	2503.2	744.0	-1.8	-25.3	248.8	26.2	24.4	9.5	295.4	297.4	0.7	14.5	7.7	90.
7.8	31.0	2610.6	734.0	-2.6	-25.5	248.3	27.0	25.1	10.0	295.6	297.7	0.6	15.1	8.1	88.
8.2	32.0	2719.3	724.0	-2.7	-24.0	248.4	28.0	26.0	10.3	296.7	299.0	0.8	17.5	8.8	87.
8.5	33.0	2818.5	715.0	-2.3	-24.3	249.0	28.6	26.7	10.2	298.2	300.6	0.7	16.5	9.2	86.
8.8	34.0	2919.0	706.0	-2.9	-21.5	250.5	29.4	27.7	9.8	298.6	301.6	1.0	22.1	9.7	85.
9.2	35.0	3031.8	696.0	-3.7	-20.7	252.4	30.8	29.4	9.3	299.0	302.2	1.0	25.1	10.4	84.
9.6	36.0	3157.5	685.0	-4.4	-20.3	254.1	32.4	31.2	8.9	299.5	302.9	1.1	27.5	11.2	83.
9.9	37.0	3273.1	675.0	-5.2	-20.4	255.0	33.7	32.6	8.7	299.9	303.4	1.1	29.1	11.8	83.
10.3	38.0	3378.4	666.0	-6.0	-21.6	255.7	35.3	34.2	8.7	300.2	303.4	1.0	27.6	12.6	82.
10.6	39.0	3472.9	658.0	-6.6	-34.5	256.0	36.3	35.2	8.8	300.5	301.5	0.3	6.7	13.2	82.
10.9	40.0	3580.3	649.0	-7.5	-36.4	256.1	37.1	36.0	8.9	300.7	301.5	0.3	7.7	13.9	82.
11.3	41.0	3725.3	637.0	-8.5	-38.5	255.9	37.9	36.8	9.2	301.1	301.8	0.2	6.7	14.8	81.
11.7	42.0	3835.4	628.0	-9.2	-34.6	255.2	38.9	37.6	10.0	301.5	302.6	0.3	10.6	15.7	81.
12.0	43.0	3934.5	620.0	-9.8	-35.5	254.5	39.9	38.4	10.7	301.9	302.9	0.3	10.1	16.4	81.
12.4	44.0	4047.2	611.0	-10.4	-23.3	253.4	41.3	39.5	11.3	302.6	305.6	0.9	33.5	17.4	80.
12.7	45.0	4148.6	603.0	-11.0	-21.0	252.7	41.8	39.9	12.4	303.1	306.8	1.2	43.0	18.1	80.
13.1	46.0	4263.9	594.0	-12.0	-20.5	252.2	41.8	39.8	12.8	303.3	307.1	1.2	48.6	19.2	80.
13.3	47.0	4380.6	585.0	-12.8	-21.1	252.1	41.5	39.5	12.8	303.6	307.3	1.2	49.5	19.7	79.
13.7	48.0	4485.5	577.0	-13.6	-20.9	252.4	41.2	39.3	12.5	303.8	307.7	1.2	54.0	20.6	79.
14.1	49.0	4605.1	568.0	-13.9	-20.3	253.0	41.5	39.7	12.1	304.9	309.0	1.3	58.2	21.5	79.
14.4	50.0	4712.8	560.0	-14.1	-21.0	253.5	42.2	40.5	12.0	305.9	309.9	1.3	55.6	22.4	79.
15.0	51.0	4849.5	550.0	-14.6	-21.9	253.2	43.8	42.0	12.7	306.8	310.6	1.2	53.6	23.9	78.
15.4	52.0	4974.5	541.0	-14.9	-22.5	252.7	44.9	42.9	13.4	308.0	311.6	1.2	52.2	25.0	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPFD MEANS ELEVATION ANGLE LESS THAN 3 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1115 GMT

146 31. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.8	53.0	5072.9	534.0	-16.0	-23.5	252.7	46.0*	43.9	13.7	307.8	311.2	1.1	52.1	26.0	78.
16.2	54.0	5200.8	525.0	-16.8	-24.0	253.1	46.6*	44.6	13.5	308.3	311.6	1.0	53.6	27.1	78.
16.5	55.0	5301.4	518.0	-17.8	-25.5	253.6	46.8*	44.9	13.2	308.3	311.3	0.9	50.7	28.0	77.
17.0	56.0	5462.0	507.0	-18.1	-26.3	254.5	45.8*	44.1	12.3	309.9	312.7	0.9	48.2	29.5	77.
17.3	57.0	5565.8	500.0	-18.3	-27.3	254.3	45.8*	44.1	12.4	310.7	313.4	0.8	45.1	30.2	77.
17.8	58.0	5686.2	492.0	-18.9	-29.8	253.2	47.5*	45.5	13.7	311.5	313.7	0.7	37.4	31.5	77.
18.2	59.0	5792.9	485.0	-18.9	-36.0	252.2	49.6*	47.2	15.2	312.7	314.0	0.4	20.2	32.7	77.
18.5	60.0	5916.6	477.0	-19.7	-37.3	251.6	51.0*	48.4	16.1	313.2	314.3	0.3	19.0	33.7	77.
18.9	61.0	6041.9	469.0	-20.9	-39.0	252.0	50.0*	47.6	15.5	313.2	314.2	0.3	17.7	35.0	77.
19.3	62.0	6152.8	462.0	-22.0	-38.9	252.5	48.2*	46.0	14.5	313.3	314.2	0.3	19.6	36.1	76.
19.8	63.0	6264.9	455.0	-23.2	-40.1	252.4	47.1*	44.9	14.2	313.1	314.0	0.2	19.2	37.5	76.
20.3	64.0	6394.5	447.0	-24.5	-40.4	251.8	49.1*	46.6	15.4	313.0	313.9	0.2	21.1	38.8	76.
20.8	65.0	6509.2	440.0	-25.4	-40.3	252.1	53.7*	51.1	16.5	313.3	314.2	0.3	23.2	40.3	76.
21.3	66.0	6658.9	431.0	-26.5	-40.7	253.0	58.0*	55.5	17.0	313.8	314.7	0.2	24.4	42.0	76.
21.6	67.0	6794.1	423.0	-27.2	-41.5	253.3	59.1*	56.6	17.0	314.5	315.3	0.2	24.1	43.2	76.
21.9	68.0	6914.0	416.0	-28.4	-42.1	253.0	58.0*	55.5	16.9	314.5	315.2	0.2	25.3	44.4	76.
22.3	69.0	7035.5	409.0	-29.3	-44.2	252.1	54.6*	52.0	16.3	314.8	315.4	0.2	21.9	45.7	76.
22.7	70.0	7158.7	402.0	-29.7	-45.3	250.8	51.0*	48.2	16.8	315.8	316.4	0.2	20.2	46.9	76.
23.2	71.0	7301.6	394.0	-30.9	-46.6	249.0	48.2*	45.0	17.2	316.1	316.6	0.1	19.5	48.3	75.
23.7	72.0	7446.9	386.0	-32.1	-47.6	247.2	47.2*	43.5	18.3	316.4	316.9	0.1	19.6	49.7	75.
24.0	73.0	7575.7	379.0	-33.4	-47.2	246.1	47.0*	42.9	19.0	316.3	316.9	0.1	23.3	50.6	75.
24.4	74.0	7687.5	373.0	-34.6	-45.9	245.2	48.3*	43.9	20.2	316.2	316.8	0.2	30.4	51.7	75.
24.8	75.0	7819.5	366.0	-35.9	-43.4	245.3	52.1*	47.3	21.7	316.2	317.0	0.2	45.9	52.7	75.
25.3	76.0	7934.2	360.0	-36.9	-42.9	246.0	57.4*	52.4	23.4	316.4	317.3	0.2	53.1	54.3	74.
25.7	77.0	8050.3	354.0	-37.7	-42.0	246.0	58.7*	53.6	23.9	316.9	317.8	0.3	63.7	55.9	74.
26.1	78.0	8187.8	347.0	-38.9	-43.3	245.5	56.6*	51.5	23.5	317.1	317.9	0.2	62.5	57.5	74.
26.5	79.0	8307.1	341.0	-40.1	99.9	244.5	52.7*	47.6	22.7	317.1	999.9	99.9	999.9	58.7	74.
27.0	80.0	8428.1	335.0	-41.2	99.9	244.0	53.2*	47.8	23.3	317.2	999.9	99.9	999.9	59.9	73.
27.6	81.0	8591.9	327.0	-42.4	99.9	244.3	58.1*	52.4	25.2	317.7	999.9	99.9	999.9	62.0	73.
28.0	82.0	8716.7	321.0	-43.8	99.9	244.6	60.2*	54.4	25.9	317.5	999.9	99.9	999.9	63.6	73.
28.5	83.0	8843.1	315.0	-44.9	99.9	246.2	60.7*	55.6	24.5	317.6	999.9	99.9	999.9	65.3	73.
29.0	84.0	8971.5	309.0	-45.6	99.9	249.4	61.1*	57.2	21.5	318.4	999.9	99.9	999.9	67.1	72.
29.5	85.0	9101.8	303.0	-46.7	99.9	249.6	61.0*	57.2	21.2	318.6	999.9	99.9	999.9	69.0	73.
30.1	86.0	9256.4	296.0	-48.0	99.9	243.3	59.3*	53.0	26.7	318.9	999.9	99.9	999.9	71.2	73.
30.5	87.0	9391.0	290.0	-49.4	99.9	238.8	57.8*	49.5	29.9	318.9	999.9	99.9	999.9	72.6	72.
30.9	88.0	9504.8	285.0	-50.1	99.9	239.1	55.4*	47.6	28.4	319.4	999.9	99.9	999.9	73.9	72.
31.3	89.0	9643.4	279.0	-51.5	99.9	241.7	53.4*	47.0	25.3	319.4	999.9	99.9	999.9	75.1	72.
31.9	90.0	9760.6	274.0	-52.5	99.9	245.5	52.3*	47.6	21.7	319.5	999.9	99.9	999.9	76.9	72.
32.3	91.0	9903.3	268.0	-53.6	99.9	246.3	53.0*	48.5	21.3	320.0	999.9	99.9	999.9	78.2	71.
32.8	92.0	10024.1	263.0	-54.6	99.9	246.5	54.7*	50.2	21.8	320.3	999.9	99.9	999.9	79.8	71.
33.3	93.0	10146.7	258.0	-55.7	99.9	246.9	58.7*	54.0	23.0	320.4	999.9	99.9	999.9	81.4	71.
33.7	94.0	10296.4	252.0	-56.3	99.9	247.5	63.6*	58.7	24.3	321.6	999.9	99.9	999.9	82.8	71.
34.2	95.0	10423.4	247.0	-57.1	99.9	248.1	68.8*	63.8	25.7	322.2	999.9	99.9	999.9	84.8	71.
34.7	96.0	10605.2	240.0	-57.5	99.9	248.0	68.8*	63.7	25.8	324.4	999.9	99.9	999.9	87.2	71.
35.3	97.0	10711.3	236.0	-58.0	99.9	246.9	62.9*	57.9	24.7	325.2	999.9	99.9	999.9	89.5	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1115 GMT

146 31. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.7	98.0	10846.1	231.0	-58.3	99.9	246.0	59.5*	54.3	24.2	326.7	999.9	99.9	999.9	90.9	71.
36.2	99.0	10983.9	226.0	-58.0	99.9	244.9	57.9*	52.5	24.5	329.3	999.9	99.9	999.9	92.7	71.
36.5	100.0	11125.3	221.0	-57.0	99.9	244.3	58.3*	52.6	25.3	332.9	999.9	99.9	999.9	93.6	71.
37.0	101.0	11328.8	214.0	-57.6	99.9	242.9	61.6*	54.8	28.1	335.0	999.9	99.9	999.9	95.2	71.
37.4	102.0	11477.8	209.0	-58.3	99.9	242.0	61.5*	54.3	28.9	336.2	999.9	99.9	999.9	97.0	70.
37.8	103.0	11599.1	205.0	-59.2	99.9	241.7	57.8*	50.8	27.4	336.7	999.9	99.9	999.9	98.6	70.
38.3	104.0	11753.6	200.0	-59.9	99.9	242.3	52.0*	46.1	24.2	338.0	999.9	99.9	999.9	100.1	70.
38.8	105.0	11911.6	195.0	-60.6	99.9	244.1	50.2*	45.1	21.9	339.3	999.9	99.9	999.9	101.3	70.
39.3	106.0	12041.1	191.0	-59.0	99.9	246.4	57.9*	53.1	23.2	343.9	999.9	99.9	999.9	102.9	70.
39.8	107.0	12175.1	187.0	-55.0	99.9	999.9	99.9	99.9	99.9	352.3	999.9	99.9	999.9	999.9	999.
40.3	108.0	12348.3	182.0	-54.9	99.9	999.9	99.9	99.9	99.9	355.3	999.9	99.9	999.9	999.9	999.
40.7	109.0	12490.2	178.0	-55.5	99.9	999.9	99.9	99.9	99.9	356.6	999.9	99.9	999.9	999.9	999.
41.1	110.0	12635.0	174.0	-55.8	99.9	999.9	99.9	99.9	99.9	358.4	999.9	99.9	999.9	999.9	999.
41.8	111.0	12820.0	169.0	-57.1	99.9	999.9	99.9	99.9	99.9	359.2	999.9	99.9	999.9	999.9	999.
42.2	112.0	12971.5	165.0	-57.3	99.9	999.9	99.9	99.9	99.9	361.4	999.9	99.9	999.9	999.9	999.
42.7	113.0	13126.5	161.0	-57.6	99.9	999.9	99.9	99.9	99.9	363.4	999.9	99.9	999.9	999.9	999.
43.2	114.0	13285.3	157.0	-57.8	99.9	999.9	99.9	99.9	99.9	365.7	999.9	99.9	999.9	999.9	999.
43.6	115.0	13448.1	153.0	-57.6	99.9	999.9	99.9	99.9	99.9	368.7	999.9	99.9	999.9	999.9	999.
44.1	116.0	13657.6	148.0	-58.1	99.9	999.9	99.9	99.9	99.9	371.3	999.9	99.9	999.9	999.9	999.
44.6	117.0	13786.2	145.0	-59.3	99.9	999.9	99.9	99.9	99.9	371.4	999.9	99.9	999.9	999.9	999.
45.0	118.0	13961.2	141.0	-59.9	99.9	999.9	99.9	99.9	99.9	373.5	999.9	99.9	999.9	999.9	999.
45.5	119.0	14140.4	137.0	-61.3	99.9	999.9	99.9	99.9	99.9	374.1	999.9	99.9	999.9	999.9	999.
46.1	120.0	14277.7	134.0	-61.8	99.9	999.9	99.9	99.9	99.9	375.5	999.9	99.9	999.9	999.9	999.
46.6	121.0	14464.8	130.0	-62.9	99.9	999.9	99.9	99.9	99.9	376.8	999.9	99.9	999.9	999.9	999.
47.1	122.0	14608.4	127.0	-63.5	99.9	999.9	99.9	99.9	99.9	378.4	999.9	99.9	999.9	999.9	999.
47.7	123.0	14805.1	123.0	-63.1	99.9	999.9	99.9	99.9	99.9	382.5	999.9	99.9	999.9	999.9	999.
48.3	124.0	14957.0	120.0	-63.3	99.9	999.9	99.9	99.9	99.9	384.9	999.9	99.9	999.9	999.9	999.
48.7	125.0	15112.6	117.0	-63.3	99.9	999.9	99.9	99.9	99.9	387.7	999.9	99.9	999.9	999.9	999.
49.3	126.0	15325.8	113.0	-64.6	99.9	999.9	99.9	99.9	99.9	389.1	999.9	99.9	999.9	999.9	999.
49.8	127.0	15490.0	110.0	-65.0	99.9	999.9	99.9	99.9	99.9	391.4	999.9	99.9	999.9	999.9	999.
50.3	128.0	15658.3	107.0	-65.2	99.9	999.9	99.9	99.9	99.9	393.0	999.9	99.9	999.9	999.9	999.
50.9	129.0	15831.0	104.0	-66.0	99.9	999.9	99.9	99.9	99.9	395.8	999.9	99.9	999.9	999.9	999.
51.5	130.0	16068.5	100.0	-66.8	99.9	999.9	99.9	99.9	99.9	398.8	999.9	99.9	999.9	999.9	999.
52.2	131.0	16253.4	97.0	-65.2	99.9	999.9	99.9	99.9	99.9	405.3	999.9	99.9	999.9	999.9	999.
52.8	132.0	16444.9	94.0	-65.0	99.9	999.9	99.9	99.9	99.9	409.4	999.9	99.9	999.9	999.9	999.
53.4	133.0	16642.6	91.0	-65.0	99.9	999.9	99.9	99.9	99.9	413.2	999.9	99.9	999.9	999.9	999.
54.1	134.0	16847.0	88.0	-65.0	99.9	999.9	99.9	99.9	99.9	417.2	999.9	99.9	999.9	999.9	999.
54.7	135.0	17058.6	85.0	-64.8	99.9	999.9	99.9	99.9	99.9	421.7	999.9	99.9	999.9	999.9	999.
55.5	136.0	17278.0	82.0	-64.6	99.9	999.9	99.9	99.9	99.9	426.5	999.9	99.9	999.9	999.9	999.
56.3	137.0	17583.3	78.0	-65.0	99.9	999.9	99.9	99.9	99.9	431.8	999.9	99.9	999.9	999.9	999.
57.1	138.0	17822.4	75.0	-65.0	99.9	999.9	99.9	99.9	99.9	436.7	999.9	99.9	999.9	999.9	999.
57.8	139.0	18071.2	72.0	-65.2	99.9	999.9	99.9	99.9	99.9	441.4	999.9	99.9	999.9	999.9	999.
58.5	140.0	18329.9	69.0	-66.2	99.9	999.9	99.9	99.9	99.9	444.7	999.9	99.9	999.9	999.9	999.
59.4	141.0	18599.6	66.0	-65.8	99.9	999.9	99.9	99.9	99.9	451.2	999.9	99.9	999.9	999.9	999.
60.2	142.0	18883.4	63.0	-64.0	99.9	999.9	99.9	99.9	99.9	461.1	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1115 GMT

146 31. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.1	143.0	19182.5	60.0	-63.6	99.9	999.9	99.9	99.9	99.9	468.4	999.9	99.9	999.9	999.9	999.
61.9	144.0	19496.6	57.0	-64.6	99.9	999.9	99.9	99.9	99.9	473.2	999.9	99.9	999.9	999.9	999.
63.0	145.0	19826.9	54.0	-65.6	99.9	999.9	99.9	99.9	99.9	480.6	999.9	99.9	999.9	999.9	999.
64.0	146.0	20176.1	51.0	-64.6	99.9	242.7	24.2	21.5	11.1	488.5	999.9	99.9	999.9	165.8	68.
65.1	147.0	20545.7	48.0	-65.4	99.9	248.9	19.5*	18.2	7.0	495.2	999.9	99.9	999.9	168.3	68.
66.3	148.0	20937.8	45.0	-66.2	99.9	272.8	5.3*	5.3	-0.3	502.5	999.9	99.9	999.9	168.5	68.
67.5	149.0	21356.3	42.0	-66.0	99.9	161.4	2.2*	-0.7	2.1	513.0	999.9	99.9	999.9	168.9	68.
68.7	150.0	21653.8	40.0	-64.0	99.9	253.6	10.3*	9.9	2.9	525.1	999.9	99.9	999.9	168.6	68.
70.1	151.0	22130.7	37.0	-64.6	99.9	259.8	23.2*	22.8	4.1	535.5	999.9	99.9	999.9	171.0	69.
71.5	152.0	22649.1	34.0	-63.1	99.9	999.9	99.9	99.9	99.9	552.5	999.9	99.9	999.9	999.9	999.
73.1	153.0	23219.6	31.0	-61.3	99.9	999.9	99.9	99.9	99.9	572.2	999.9	99.9	999.9	999.9	999.

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1450 GMT

156 11. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	246.0	983.7	7.2	7.2	230.0	3.1	2.4	2.0	282.5	299.1	6.5	100.0	0.0	0.
0.2	9.0	336.0	973.0	6.3	5.2	295.2	3.9	3.5	-1.6	282.4	297.0	5.7	92.8	0.2	70.
0.5	10.0	429.2	962.0	5.6	2.9	295.2	3.9	3.5	-1.6	282.5	295.2	4.9	82.9	0.2	70.
1.0	11.0	541.0	949.0	7.5	3.3	291.6	6.5	6.1	-2.4	285.6	299.0	5.1	74.9	0.3	84.
1.4	12.0	637.1	938.0	7.3	2.5	291.2	9.7	9.0	-3.5	286.3	299.2	4.9	71.5	0.5	94.
1.7	13.0	734.2	927.0	6.6	1.8	291.0	10.9	10.2	-3.9	286.5	299.0	4.7	71.4	0.7	99.
2.1	14.0	823.2	917.0	5.9	2.2	288.2	11.9	11.3	-3.7	286.7	299.6	4.9	76.8	1.0	102.
2.5	15.0	913.0	907.0	5.2	-0.1	279.7	13.5	13.3	-2.3	286.8	298.0	4.2	68.5	1.3	104.
2.9	16.0	1031.1	894.0	5.8	-1.3	272.1	16.8	16.8	-0.6	288.5	299.0	3.9	60.3	1.7	101.
3.2	17.0	1132.6	883.0	6.3	-5.9	269.2	17.2	17.2	0.2	289.9	297.6	2.8	41.2	2.0	99.
3.6	18.0	1235.3	872.0	6.4	-10.9	266.8	16.2	16.2	0.9	291.0	296.4	1.9	27.5	2.4	97.
4.0	19.0	1329.8	862.0	5.9	-10.7	266.1	14.7	14.7	1.0	291.4	297.0	2.0	29.1	2.7	96.
4.4	20.0	1425.2	852.0	5.2	-11.0	266.6	16.8	16.8	1.0	291.7	297.2	1.9	29.9	3.1	95.
4.8	21.0	1540.8	840.0	4.2	-11.4	266.6	19.0	19.0	1.1	291.8	297.2	1.9	31.0	3.5	94.
5.2	22.0	1657.7	828.0	3.5	-9.4	265.7	19.9	19.9	1.5	292.3	298.7	2.3	38.0	4.0	93.
5.5	23.0	1756.2	818.0	3.0	-10.2	264.5	19.7	19.6	1.9	292.8	298.9	2.2	37.1	4.4	92.
5.9	24.0	1855.7	808.0	2.4	-11.7	261.5	20.0	19.8	3.0	293.1	298.6	1.9	34.4	4.8	91.
6.3	25.0	1956.2	798.0	1.5	-13.2	260.6	20.9	20.6	3.4	293.2	298.2	1.7	32.4	5.3	90.
6.8	26.0	2088.3	785.0	0.9	-14.3	255.4	21.2	20.5	5.3	293.9	298.6	1.6	31.1	6.0	89.
7.2	27.0	2191.2	775.0	0.2	-18.5	251.7	21.8	20.7	6.9	294.2	297.6	1.1	22.8	6.4	88.
7.6	28.0	2295.1	765.0	-0.2	-22.1	251.2	23.1	21.9	7.5	294.7	297.3	0.8	17.2	6.9	86.
8.0	29.0	2400.3	755.0	-0.7	-26.8	250.4	24.1	22.7	8.1	295.3	297.0	0.6	11.7	7.5	85.
8.4	30.0	2495.9	746.0	-1.2	-27.6	248.9	24.0	22.4	8.7	295.8	297.4	0.5	11.2	8.1	84.
8.7	31.0	2603.3	736.0	-1.8	-28.5	247.5	23.6	21.8	9.0	296.2	297.8	0.5	10.8	8.5	84.
9.1	32.0	2711.9	726.0	-2.6	-27.2	245.8	22.8	20.8	9.4	296.5	298.3	0.6	13.0	9.1	82.
9.5	33.0	2810.6	717.0	-3.7	-28.0	244.8	22.2	20.1	9.5	296.4	298.1	0.5	13.1	9.5	81.
9.9	34.0	2910.2	708.0	-4.3	-26.2	245.4	22.7	20.6	9.5	296.8	298.8	0.6	16.2	10.0	81.
10.2	35.0	3022.0	698.0	-5.4	-22.1	246.4	23.4	21.5	9.4	296.9	299.7	0.9	25.2	10.4	80.
10.6	36.0	3146.5	687.0	-6.1	-20.4	248.5	24.9	23.2	9.1	297.4	300.7	1.1	31.2	11.0	79.
11.0	37.0	3261.2	677.0	-6.6	-16.8	251.1	26.9	25.5	8.7	298.2	302.7	1.5	43.7	11.6	78.
11.5	38.0	3365.7	668.0	-7.0	-16.1	254.2	30.0	28.9	8.2	298.9	303.7	1.6	48.2	12.4	78.
11.9	39.0	3471.6	659.0	-7.0	-16.0	255.5	32.8	31.7	8.2	300.0	305.0	1.7	48.6	13.2	78.
12.4	40.0	3578.8	650.0	-7.3	-13.9	255.8	36.2	35.1	8.9	300.9	306.9	2.0	59.3	14.2	78.
12.9	41.0	3711.7	639.0	-8.1	-12.9	254.9	38.7	37.4	10.1	301.6	308.1	2.2	67.7	15.4	78.
13.3	42.0	3821.8	630.0	-8.9	-10.1	253.8	39.2	37.7	10.9	301.9	309.7	2.7	86.8	16.4	78.
13.8	43.0	3933.1	621.0	-10.0	-11.2	252.5	38.9	37.1	11.7	301.9	309.6	2.6	90.8	17.5	77.
14.2	44.0	4033.0	613.0	-11.0	-11.6	251.4	38.6	36.6	12.3	301.9	309.4	2.6	95.0	18.4	77.
14.6	45.0	4146.8	604.0	-11.0	-14.9	250.5	38.7	36.5	13.0	303.1	309.1	2.0	72.8	19.4	77.
15.1	46.0	4262.1	595.0	-11.2	-18.6	249.4	39.6	37.0	13.9	304.0	308.5	1.5	54.4	20.4	76.
15.6	47.0	4379.2	586.0	-11.1	-18.7	248.4	40.7*	37.8	15.0	305.5	310.0	1.5	53.1	21.7	76.
16.0	48.0	4484.9	578.0	-10.7	-19.2	247.3	41.7*	38.5	16.1	307.2	311.6	1.4	49.1	22.6	76.
16.4	49.0	4592.2	570.0	-10.4	-21.0	246.2	43.0*	39.3	17.3	308.7	312.5	1.2	39.2	23.7	75.
16.9	50.0	4700.9	562.0	-11.2	-23.9	245.3	44.2*	40.2	18.5	308.9	312.0	1.0	34.0	24.9	75.
17.4	51.0	4852.2	551.0	-12.5	-27.8	245.3	44.1*	40.1	18.4	309.1	311.4	0.7	26.4	26.4	74.
17.9	52.0	4977.7	542.0	-13.5	-28.5	246.3	43.2*	39.6	17.3	309.4	311.6	0.7	26.8	27.6	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1450 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.2	53.0	5076.5	535.0	-14.5	-32.2	246.9	43.2*	39.7	17.0	309.4	310.9	0.5	20.4	28.3	74.
18.7	54.0	5190.5	527.0	-14.9	-39.4	247.1	43.8*	40.4	17.1	310.2	311.0	0.2	10.2	29.7	73.
19.0	55.0	5306.1	519.0	-15.6	-33.6	246.7	44.5*	40.9	17.6	310.7	312.1	0.4	19.6	30.4	73.
19.6	56.0	5452.7	509.0	-16.4	-32.4	246.6	45.6*	41.8	18.1	311.4	313.1	0.5	24.2	32.1	73.
19.9	57.0	5571.6	501.0	-17.5	-32.4	247.1	46.3*	42.7	18.0	311.5	313.2	0.5	25.9	32.9	73.
20.4	58.0	5691.8	493.0	-18.9	-32.6	247.8	47.9*	44.3	18.1	311.3	313.0	0.5	28.4	34.1	73.
20.7	59.0	5813.5	485.0	-19.2	-32.6	247.8	47.8*	44.2	18.1	311.6	313.3	0.5	30.8	35.1	72.
21.1	60.0	5936.7	477.0	-20.9	-32.6	247.3	46.5*	43.0	17.9	311.7	313.5	0.5	34.0	36.5	72.
21.6	61.0	6045.8	470.0	-21.8	-32.8	246.5	43.7*	40.0	17.4	311.9	313.6	0.5	36.0	37.7	72.
22.1	62.0	6172.1	462.0	-22.4	-33.6	246.2	42.7*	39.1	17.2	312.8	314.4	0.5	35.0	38.9	72.
22.6	63.0	6284.0	455.0	-23.3	-32.7	245.9	43.9*	40.1	17.9	313.0	314.8	0.5	41.4	40.1	72.
23.0	64.0	6413.6	447.0	-24.4	-30.8	245.3	45.4*	41.2	19.0	313.2	315.4	0.6	54.6	41.3	72.
23.5	65.0	6528.4	440.0	-25.4	-31.1	244.4	48.4*	43.6	20.9	313.3	315.5	0.6	58.6	42.5	71.
24.0	66.0	6678.2	431.0	-26.5	-31.7	244.0	51.8*	46.5	22.7	313.8	315.9	0.6	60.7	44.1	71.
24.6	67.0	6796.3	424.0	-27.5	-32.6	243.8	53.8*	48.3	23.7	313.9	315.9	0.6	61.6	46.1	71.
25.0	68.0	6915.8	417.0	-28.6	-32.3	243.9	54.7*	49.1	24.1	314.1	316.1	0.6	70.3	47.3	71.
25.5	69.0	7037.0	410.0	-29.2	-34.6	244.6	55.7*	50.4	23.9	314.8	316.4	0.5	59.5	48.8	70.
26.0	70.0	7177.7	402.0	-29.6	-35.3	245.6	53.8*	49.0	22.3	316.0	317.6	0.5	57.6	51.0	70.
26.5	71.0	7320.7	394.0	-30.9	-37.1	246.4	50.0*	45.8	20.0	316.1	317.5	0.4	54.6	52.0	70.
26.9	72.0	7447.6	387.0	-32.0	-37.6	246.8	49.8*	45.8	19.7	316.3	317.7	0.4	57.1	53.5	70.
27.3	73.0	7557.9	381.0	-32.7	-38.5	246.6	53.8*	49.4	21.4	316.9	318.1	0.4	55.3	54.5	70.
27.7	74.0	7688.3	374.0	-33.6	-39.5	246.2	59.6*	54.5	24.1	317.3	318.5	0.3	54.7	55.6	70.
28.1	75.0	7801.5	368.0	-34.8	-40.8	245.7	64.5*	58.7	26.5	317.2	318.2	0.3	54.1	57.3	70.
28.4	76.0	7935.4	361.0	-35.6	-41.6	245.3	64.9*	59.0	27.1	317.9	318.9	0.3	53.6	59.0	70.
28.9	77.0	8051.8	355.0	-36.6	-42.7	244.8	62.4*	56.5	26.5	318.0	318.8	0.2	52.9	60.4	70.
29.2	78.0	8189.5	348.0	-37.3	-44.6	245.0	60.9*	55.2	25.8	318.9	319.6	0.2	46.1	61.5	69.
29.6	79.0	8309.5	342.0	-38.3	-46.5	245.6	59.2*	53.9	24.5	319.2	319.8	0.2	41.1	63.2	69.
30.1	80.0	8430.9	336.0	-39.5	-48.3	246.9	56.5*	52.0	22.1	319.1	319.6	0.1	37.9	64.9	69.
30.5	81.0	8595.4	328.0	-40.8	99.9	247.7	53.6*	49.6	20.3	319.6	999.9	99.9	999.9	66.1	69.
31.0	82.0	8720.7	322.0	-42.1	99.9	247.6	50.8*	46.9	19.3	319.5	999.9	99.9	999.9	57.9	69.
31.4	83.0	8847.7	316.0	-43.1	99.9	247.7	51.5*	47.7	19.5	319.9	999.9	99.9	999.9	68.9	69.
31.8	84.0	8976.6	310.0	-44.3	99.9	248.3	55.0*	51.1	20.3	319.9	999.9	99.9	999.9	70.0	69.
32.1	85.0	9107.2	304.0	-45.4	99.9	248.8	57.9*	54.0	20.9	320.1	999.9	99.9	999.9	71.0	69.
32.7	86.0	9262.3	297.0	-46.4	99.9	250.0	60.4*	56.8	20.7	320.8	999.9	99.9	999.9	73.5	69.
33.2	87.0	9397.4	291.0	-47.6	99.9	250.5	60.3*	56.8	20.2	321.1	999.9	99.9	999.9	75.2	69.
33.6	88.0	9534.8	285.0	-48.6	99.9	250.3	62.4*	58.7	21.0	321.5	999.9	99.9	999.9	76.4	69.
34.1	89.0	9651.0	280.0	-49.4	99.9	249.7	68.6*	64.3	23.8	322.1	999.9	99.9	999.9	78.5	69.
34.6	90.0	9792.6	274.0	-50.6	99.9	249.5	72.0*	67.5	25.2	322.3	999.9	99.9	999.9	80.7	69.
35.0	91.0	9912.4	265.0	-51.3	99.9	250.0	69.3*	65.1	23.7	322.9	999.9	99.9	999.9	82.5	69.
35.5	92.0	10058.6	263.0	-52.7	99.9	251.7	58.0*	55.1	18.2	323.0	999.9	99.9	999.9	84.9	69.
36.0	93.0	10182.3	258.0	-53.5	99.9	254.0	50.6*	48.6	14.0	323.6	999.9	99.9	999.9	86.0	69.
36.5	94.0	10307.9	253.0	-54.3	99.9	254.8	52.5*	50.7	13.7	324.3	999.9	99.9	999.9	87.0	69.
36.9	95.0	10435.6	248.0	-55.4	99.9	254.8	53.7*	51.8	14.0	324.4	999.9	99.9	999.9	89.0	69.
37.5	96.0	10591.4	242.0	-56.4	99.9	254.4	51.0*	49.1	13.7	325.2	999.9	99.9	999.9	90.6	70.
37.9	97.0	10750.7	236.0	-56.7	99.9	252.7	52.6**	50.2	15.6	327.1	999.9	99.9	999.9	91.9	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1450 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.3	98.0	10886.2	231.0	-57.4	99.9	250.5	59.2**	55.8	19.8	328.1	999.9	99.9	999.9	92.9	70.
38.8	99.0	10996.6	227.0	-57.4	99.9	247.7	67.6**	62.5	25.7	329.7	999.9	99.9	999.9	94.9	70.
39.2	100.0	11137.6	222.0	-56.6	99.9	245.1	68.5**	62.1	28.8	333.1	999.9	99.9	999.9	97.0	70.
39.8	101.0	11311.7	216.0	-56.1	99.9	240.2	62.1**	53.9	30.9	336.5	999.9	99.9	999.9	99.4	69.
40.3	102.0	11460.4	211.0	-56.6	99.9	236.8	61.9**	51.8	33.9	338.0	999.9	99.9	999.9	100.6	69.
40.7	103.0	11581.6	207.0	-57.2	99.9	236.0	66.4**	55.0	37.1	338.8	999.9	99.9	999.9	102.2	69.
41.2	104.0	11736.1	202.0	-57.7	99.9	237.1	73.4**	61.6	39.9	340.4	999.9	99.9	999.9	104.5	69.
41.6	105.0	11862.0	198.0	-58.6	99.9	239.0	77.2**	66.1	39.8	341.0	999.9	99.9	999.9	105.8	69.
42.1	106.0	12022.8	193.0	-58.6	99.9	241.8	75.0**	66.1	35.4	343.5	999.9	99.9	999.9	108.7	68.
42.7	107.0	12154.8	189.0	-57.4	99.9	243.8	59.3**	53.2	26.1	347.5	999.9	99.9	999.9	111.4	68.
43.2	108.0	12325.0	184.0	-55.3	99.9	244.6	46.8**	42.3	20.1	353.6	999.9	99.9	999.9	112.6	68.
43.8	109.0	12465.7	180.0	-54.1	99.9	245.1	45.9**	41.6	19.3	357.7	999.9	99.9	999.9	114.0	68.
44.3	110.0	12610.1	176.0	-53.5	99.9	244.0	54.3**	48.8	23.8	361.0	999.9	99.9	999.9	115.2	68.
45.0	111.0	12795.2	171.0	-54.1	99.9	239.5	59.6**	51.4	30.3	363.0	999.9	99.9	999.9	118.6	68.
45.5	112.0	12946.8	167.0	-54.8	99.9	235.7	52.8**	43.7	29.7	364.4	999.9	99.9	999.9	119.9	68.
46.1	113.0	13101.6	163.0	-55.7	99.9	237.9	55.6**	47.1	29.6	365.3	999.9	99.9	999.9	121.3	68.
46.6	114.0	13259.7	159.0	-55.9	99.9	242.0	66.0**	58.3	31.0	367.6	999.9	99.9	999.9	122.9	68.
47.2	115.0	13421.6	155.0	-56.7	99.9	245.4	73.9**	67.2	30.8	368.9	999.9	99.9	999.9	126.0	67.
47.8	116.0	13629.3	150.0	-57.1	99.9	247.0	74.2**	68.3	29.0	371.8	999.9	99.9	999.9	128.8	67.
48.4	117.0	13757.0	147.0	-57.6	99.9	247.6	68.4**	63.3	26.1	373.1	999.9	99.9	999.9	130.9	67.
48.9	118.0	13930.8	143.0	-58.6	99.9	248.5	60.5**	56.2	22.2	374.2	999.9	99.9	999.9	134.0	67.
49.3	119.0	14064.0	140.0	-58.8	99.9	249.3	58.0**	54.3	20.4	376.2	999.9	99.9	999.9	134.3	67.
49.9	120.0	14245.6	136.0	-59.8	99.9	248.8	56.6**	52.8	20.4	377.5	999.9	99.9	999.9	136.8	68.
50.3	121.0	14384.9	133.0	-60.2	99.9	246.5	48.1**	44.1	19.1	379.3	999.9	99.9	999.9	138.4	68.
51.0	122.0	14575.1	129.0	-60.7	99.9	244.0	33.3**	30.0	14.6	381.7	999.9	99.9	999.9	140.2	67.
51.6	123.0	14721.5	126.0	-60.9	99.9	250.6	56.0**	52.8	18.6	383.9	999.9	99.9	999.9	139.7	67.
52.1	124.0	14871.1	123.0	-61.6	99.9	251.3	75.3**	71.3	24.1	385.2	999.9	99.9	999.9	143.2	68.
52.7	125.0	15023.9	120.0	-62.1	99.9	249.9	71.8**	67.5	24.7	387.0	999.9	99.9	999.9	146.4	68.
53.4	126.0	15233.2	116.0	-62.7	99.9	249.0	63.5**	59.3	22.8	389.7	999.9	99.9	999.9	148.2	68.
54.0	127.0	15394.8	113.0	-62.5	99.9	247.4	62.6**	57.8	24.1	393.0	999.9	99.9	999.9	152.0	68.
54.5	128.0	15617.5	109.0	-61.8	99.9	245.4	64.6**	58.8	26.9	398.4	999.9	99.9	999.9	151.6	68.
55.0	129.0	15790.4	106.0	-61.6	99.9	245.2	66.4**	60.3	27.8	402.0	999.9	99.9	999.9	155.5	68.
55.6	130.0	15968.2	103.0	-61.8	99.9	245.6	62.4**	56.8	25.8	405.0	999.9	99.9	999.9	157.1	68.
56.3	131.0	16150.9	100.0	-62.5	99.9	240.3	48.4**	42.1	24.0	407.0	999.9	99.9	999.9	160.2	68.
57.0	132.0	16338.9	97.0	-62.3	99.9	231.6	42.5**	33.3	26.4	410.9	999.9	99.9	999.9	160.4	67.
57.7	133.0	16532.9	94.0	-62.5	99.9	240.0	65.0**	56.3	32.5	414.2	999.9	99.9	999.9	163.2	67.
58.3	134.0	16733.3	91.0	-62.0	99.9	245.5	63.2**	57.5	26.2	419.2	999.9	99.9	999.9	166.4	67.
58.9	135.0	16940.6	88.0	-62.0	99.9	250.2	37.1**	35.0	12.6	423.2	999.9	99.9	999.9	168.2	67.
59.7	136.0	17154.9	85.0	-62.5	99.9	15.1	4.1**	-1.1	-4.0	426.3	999.9	99.9	999.9	169.2	67.
60.4	137.0	17376.5	82.0	-62.7	99.9	354.7	1.9**	0.2	-1.9	430.4	999.9	99.9	999.9	167.4	67.
61.1	138.0	17606.5	79.0	-62.3	99.9	248.2	15.6**	14.5	5.8	435.7	999.9	99.9	999.9	168.9	67.
61.9	139.0	17845.5	76.0	-62.5	99.9	247.3	16.2**	15.0	6.3	440.2	999.9	99.9	999.9	168.9	67.
62.7	140.0	18094.4	73.0	-61.8	99.9	245.7	32.7**	29.8	13.5	446.9	999.9	99.9	999.9	170.5	67.
63.6	141.0	18354.3	70.0	-61.6	99.9	238.5	33.2**	28.3	17.3	452.6	999.9	99.9	999.9	172.7	67.
64.4	142.0	18625.5	67.0	-62.0	99.9	241.1	40.8**	35.7	19.8	457.6	999.9	99.9	999.9	172.9	67.

\* BY SPFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1450 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.3	143.0	18909.6	64.0	-60.9	99.9	256.4	35.6**	34.6	8.4	466.0	999.9	99.9	999.9	177.4	67.
66.2	144.0	19207.9	61.0	-61.2	99.9	269.5	13.8**	13.8	0.1	471.6	999.9	99.9	999.9	177.2	67.
67.1	145.0	19521.0	58.0	-61.2	99.9	62.4	8.4**	-7.5	-3.9	478.5	999.9	99.9	999.9	178.8	67.
68.0	146.0	19850.1	55.0	-62.0	99.9	241.9	14.2**	12.5	6.7	484.1	999.9	99.9	999.9	177.3	67.
69.0	147.0	20079.2	53.0	-62.0	99.9	251.0	42.2**	39.9	13.7	489.3	999.9	99.9	999.9	179.2	67.
69.9	148.0	20439.5	50.0	-62.1	99.9	245.7	36.6**	33.3	15.0	497.1	999.9	99.9	999.9	182.0	67.
71.0	149.0	20821.0	47.0	-63.3	99.9	67.2	0.5**	-0.5	-0.2	503.3	999.9	99.9	999.9	182.5	67.
72.1	150.0	21087.7	45.0	-64.2	99.9	260.6	19.5**	19.2	3.2	507.3	999.9	99.9	999.9	182.2	67.
73.2	151.0	21510.0	42.0	-64.2	99.9	246.9	60.1**	55.3	23.6	517.4	999.9	99.9	999.9	186.2	67.
74.3	152.0	21809.0	40.0	-63.6	99.9	247.7	7.5**	6.9	2.9	526.1	999.9	99.9	999.9	188.8	67.
75.4	153.0	22290.2	37.0	-61.2	99.9	31.6	18.1**	-9.5	-15.4	544.1	999.9	99.9	999.9	190.8	67.
76.6	154.0	22814.9	34.0	-61.4	99.9	250.0	33.3**	31.3	11.4	557.0	999.9	99.9	999.9	189.6	68.
78.0	155.0	23193.5	32.0	-58.4	99.9	320.5	5.8**	3.7	-4.5	574.7	999.9	99.9	999.9	190.5	68.
79.4	156.0	23811.2	29.0	-59.5	99.9	259.3	40.3**	39.6	7.5	588.3	999.9	99.9	999.9	192.4	68.
80.9	157.0	24257.8	27.0	-60.2	99.9	252.2	34.5*	32.8	10.5	598.4	999.9	99.9	999.9	195.8	68.
82.4	158.0	24992.3	24.0	-60.3	99.9	258.4	17.0*	16.7	3.4	618.4	999.9	99.9	999.9	196.4	68.
84.1	159.0	25534.3	22.0	-60.7	99.9	256.0	26.7*	25.9	6.4	632.9	999.9	99.9	999.9	197.4	68.
85.9	160.0	26450.1	19.0	-59.1	99.9	317.6	1.7*	1.2	-1.3	665.0	999.9	99.9	999.9	201.6	68.
88.0	161.0	27150.8	17.0	-57.1	99.9	254.6	44.3*	43.1	10.3	693.0	999.9	99.9	999.9	203.5	68.
90.3	162.0	28387.1	14.0	-54.5	99.9	266.4	30.3*	30.2	1.9	741.4	999.9	99.9	999.9	207.8	69.
93.0	163.0	29940.9	11.0	-51.9	99.9	999.9	99.9	99.9	99.9	803.5	999.9	99.9	999.9	999.9	999.

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1751 GMT

153 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	246.0	982.4	13.4	7.6	250.0	6.2	5.8	2.1	288.9	306.4	6.7	68.0	0.0	0.
0.2	9.0	318.0	974.0	10.6	3.4	258.0	9.8	9.6	2.0	286.5	299.8	5.0	61.3	0.4	73.
0.6	10.0	412.5	963.0	9.8	3.2	259.1	9.5	9.4	1.8	286.7	300.0	5.0	63.5	0.5	73.
1.0	11.0	534.0	949.0	8.7	2.7	263.9	8.5	8.4	0.9	286.8	299.7	4.9	65.8	0.7	75.
1.4	12.0	621.6	939.0	7.6	2.6	269.8	8.4	8.4	0.0	286.5	299.5	4.9	70.3	0.9	78.
1.7	13.0	718.7	928.0	6.9	2.1	268.4	9.0	9.0	0.2	286.7	299.5	4.8	71.6	1.0	80.
2.0	14.0	816.6	917.0	5.8	1.7	264.7	9.8	9.8	0.5	286.6	299.1	4.7	74.5	1.2	82.
2.4	15.0	915.3	906.0	5.1	1.2	260.5	10.6	10.4	1.2	286.9	299.1	4.6	75.4	1.4	81.
3.0	16.0	1033.3	893.0	4.3	0.5	261.5	12.4	12.3	1.8	287.1	299.0	4.4	76.3	1.8	81.
3.3	17.0	1134.1	882.0	3.3	-0.0	262.8	12.6	12.5	1.6	287.1	298.6	4.3	79.0	2.1	81.
3.7	18.0	1235.9	871.0	2.8	-0.5	264.4	13.3	13.2	1.7	287.6	298.9	4.2	78.9	2.4	82.
4.1	19.0	1329.3	861.0	1.9	-1.0	265.1	14.3	14.3	1.8	287.6	298.7	4.1	80.7	2.7	82.
4.4	20.0	1433.0	850.0	1.1	-1.7	264.7	15.0	14.9	1.8	287.8	298.5	4.0	81.7	3.0	82.
4.9	21.0	1556.9	837.0	0.3	-2.3	264.6	14.7	14.6	1.8	288.2	298.6	3.9	82.9	3.4	82.
5.2	22.0	1653.3	827.0	0.1	-4.8	264.0	17.1	17.0	1.8	288.9	297.8	3.3	69.7	3.7	83.
5.7	23.0	1751.0	817.0	0.9	-6.1	262.6	22.0	21.8	2.1	290.8	299.0	3.0	59.3	4.3	83.
6.0	24.0	1850.0	807.0	0.3	-7.3	261.8	23.5	23.3	3.1	291.1	298.7	2.7	56.6	4.8	83.
6.4	25.0	1949.9	797.0	-0.2	-9.0	258.3	23.4	22.9	4.1	291.5	298.4	2.4	51.5	5.2	83.
6.9	26.0	2081.5	784.0	-0.4	-11.1	254.8	24.2	23.4	6.1	292.7	298.7	2.1	44.1	6.0	82.
7.2	27.0	2184.0	774.0	-1.3	-12.7	253.5	24.2	23.2	6.1	292.7	298.0	1.9	41.4	6.4	81.
7.7	28.0	2287.6	764.0	-1.8	-14.4	251.7	23.8	22.6	7.1	293.3	298.0	1.6	37.3	7.1	80.
8.1	29.0	2392.2	754.0	-2.6	-14.7	250.2	23.9	22.5	8.1	293.5	298.2	1.6	38.6	7.7	80.
8.4	30.0	2498.1	744.0	-2.8	-14.8	248.7	24.4	22.7	8.1	294.5	299.2	1.6	38.9	8.1	79.
8.9	31.0	2594.5	735.0	-3.4	-15.2	245.7	25.9	23.6	10.1	294.8	299.5	1.6	39.4	8.7	78.
9.2	32.0	2702.8	725.0	-3.8	-15.3	244.4	26.4	23.8	11.1	295.4	300.1	1.6	40.3	9.3	78.
9.6	33.0	2801.2	716.0	-4.8	-15.2	243.3	26.4	23.6	11.1	295.5	300.3	1.6	43.7	10.0	76.
10.0	34.0	2911.7	706.0	-5.7	-15.4	243.5	25.4	22.7	11.1	295.7	300.5	1.6	46.0	10.6	75.
10.5	35.0	3012.2	697.0	-6.3	-17.0	246.0	25.4	23.2	10.7	296.1	300.3	1.4	42.2	11.3	75.
11.0	36.0	3148.1	685.0	-6.1	-18.7	249.0	27.7	25.8	9.1	297.7	301.5	1.3	36.1	11.8	74.
11.4	37.0	3251.6	676.0	-6.4	-13.5	251.1	29.5	27.9	9.1	298.6	304.4	2.0	56.8	12.8	74.
11.7	38.0	3356.3	667.0	-7.0	-13.6	252.4	30.6	29.2	9.1	299.0	304.9	2.0	59.1	13.3	74.
12.1	39.0	3474.0	657.0	-7.9	-13.8	253.9	31.8	30.6	8.1	299.3	305.2	2.0	62.7	13.9	74.
12.5	40.0	3569.2	649.0	-8.8	-13.8	254.9	32.9	31.8	8.1	299.4	305.3	2.0	66.7	14.9	74.
13.0	41.0	3689.3	639.0	-9.7	-14.2	255.0	33.4	32.3	8.1	299.7	305.6	2.0	69.6	15.8	74.
13.4	42.0	3810.5	629.0	-11.0	-14.8	254.3	33.4	32.1	9.1	299.6	305.3	1.9	73.5	16.6	74.
13.7	43.0	3921.6	620.0	-11.5	-15.7	253.8	33.8	32.5	9.1	300.1	305.5	1.8	71.4	17.2	74.
14.1	44.0	4033.7	611.0	-12.0	-16.8	253.0	35.3	33.8	10.1	300.9	305.9	1.7	67.4	18.0	74.
14.5	45.0	4134.6	603.0	-12.1	-18.5	252.4	38.5	36.6	11.1	301.8	306.3	1.5	58.8	18.8	74.
14.9	46.0	4249.9	594.0	-11.1	-19.5	251.6	42.8	40.6	13.1	304.3	308.5	1.4	49.9	19.7	74.
15.4	47.0	4354.0	586.0	-11.0	-19.3	250.6	47.8*	45.1	15.1	305.6	310.0	1.4	50.2	21.3	74.
15.8	48.0	4472.9	577.0	-11.4	-19.6	250.1	51.2*	48.2	17.1	306.5	310.8	1.4	50.4	22.3	74.
16.1	49.0	4593.4	568.0	-12.1	-19.7	249.7	53.3*	50.0	18.1	307.0	311.4	1.4	53.0	23.2	73.
16.6	50.0	4701.8	560.0	-12.8	-20.6	248.5	55.0*	51.1	20.2	307.4	311.5	1.3	51.9	25.1	73.
17.1	51.0	4839.0	550.0	-13.7	-21.5	246.5	53.2*	48.8	21.2	308.0	311.9	1.2	51.4	26.7	73.
17.6	52.0	4964.4	541.0	-14.2	-22.3	244.3	48.4*	43.6	21.0	308.8	312.5	1.2	50.3	28.3	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1751 GMT

153 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RN PCT	RANGE KM	AZ DG
18.0	53.0	5063.0	534.0	-15.2	-22.9	242.5	43.6*	38.7	20.2	308.7	312.3	1.1	51.4	29.6	72.
18.5	54.0	5191.4	525.0	-16.0	-23.6	241.1	41.3*	36.2	20.0	309.2	312.7	1.1	51.8	30.4	72.
18.9	55.0	5306.9	517.0	-16.6	-24.6	241.2	44.1*	38.6	21.3	309.9	313.1	1.0	49.5	31.3	71.
19.4	56.0	5438.8	508.0	-17.4	-26.3	241.4	48.0*	42.1	23.0	310.5	313.3	0.9	45.5	32.8	71.
19.9	57.0	5572.5	499.0	-18.4	-26.5	241.4	50.3*	44.2	24.1	310.9	313.7	0.9	48.7	34.4	71.
20.3	58.0	5677.8	492.0	-19.3	-27.5	241.6	52.2*	45.9	24.9	311.0	313.6	0.8	48.1	35.5	70.
20.7	59.0	5799.6	484.0	-20.1	-28.3	241.8	53.5*	47.2	25.3	311.5	314.0	0.8	47.9	36.7	70.
21.0	60.0	5922.9	476.0	-21.0	-28.9	242.0	54.0*	47.7	25.3	311.8	314.2	0.7	48.9	37.6	70.
21.4	61.0	6032.3	469.0	-21.6	-29.1	241.6	50.9*	44.8	24.2	312.4	314.8	0.7	50.3	39.4	69.
21.9	62.0	6158.8	461.0	-22.8	-30.0	241.1	47.7*	41.8	23.1	312.5	314.7	0.7	51.2	40.3	69.
22.2	63.0	6270.9	454.0	-23.6	-29.8	241.2	47.1*	41.2	22.7	312.8	315.2	0.7	56.2	41.1	69.
22.7	64.0	6384.2	447.0	-24.9	-28.6	241.8	48.5*	42.7	22.9	312.6	315.2	0.8	70.7	42.9	69.
23.1	65.0	6515.4	439.0	-25.8	-28.8	242.7	52.5*	46.7	24.1	313.0	315.7	0.8	75.5	43.9	69.
23.6	66.0	6665.5	430.0	-25.9	-28.0	244.0	61.2*	55.0	26.9	314.7	317.6	0.9	82.6	45.0	68.
24.0	67.0	6784.4	423.0	-25.9	-31.5	244.7	66.2*	59.8	28.3	316.2	318.4	0.6	59.3	47.6	68.
24.4	68.0	6905.0	416.0	-26.7	-33.8	244.9	63.8*	57.8	27.0	316.7	318.5	0.5	51.0	48.9	68.
24.9	69.0	7027.4	409.0	-27.3	-35.3	244.6	60.8*	54.9	26.1	317.5	319.1	0.5	46.0	50.5	68.
25.3	70.0	7151.6	402.0	-27.9	-37.3	243.5	60.2*	53.9	26.8	318.2	319.6	0.4	39.9	52.0	68.
25.7	71.0	7313.8	393.0	-29.5	-41.2	242.2	59.7*	52.8	27.8	318.2	319.2	0.3	30.8	53.5	68.
26.1	72.0	7423.4	387.0	-30.5	-44.7	241.0	58.6*	51.3	28.4	318.3	318.9	0.2	23.2	55.0	68.
26.6	73.0	7552.8	380.0	-31.7	-46.0	240.9	58.1*	50.7	28.2	318.4	318.9	0.2	22.5	56.6	67.
27.0	74.0	7684.0	373.0	-32.9	-47.0	241.9	59.2*	52.2	27.9	318.5	319.0	0.1	22.6	57.6	67.
27.4	75.0	7817.0	366.0	-33.9	-48.2	242.8	59.5*	52.9	27.3	318.8	319.3	0.1	21.8	59.7	67.
27.9	76.0	7932.5	360.0	-35.3	-49.6	242.7	59.2*	52.6	27.1	318.6	319.0	0.1	21.1	61.1	67.
28.3	77.0	8069.0	353.0	-36.6	-50.9	241.5	57.3*	50.4	27.3	318.6	318.9	0.1	20.8	62.4	67.
28.9	78.0	8187.5	347.0	-37.6	-51.0	239.2	54.9*	47.2	28.1	318.7	319.1	0.1	22.9	65.3	67.
29.3	79.0	8307.5	341.0	-38.8	-51.6	239.4	61.7*	53.1	31.4	318.7	319.0	0.1	24.1	65.4	67.
29.8	80.0	8429.1	335.0	-39.9	-52.4	240.7	74.8*	65.2	36.6	318.8	319.1	0.1	24.5	67.4	66.
30.3	81.0	8593.8	327.0	-41.0	-99.9	241.3	77.2*	67.7	37.0	319.6	999.9	99.9	999.9	70.9	66.
31.0	82.0	8740.7	320.0	-41.9	-99.9	242.0	58.0*	51.2	27.2	320.3	999.9	99.9	999.9	73.0	66.
31.4	83.0	8890.1	313.0	-42.9	-99.9	243.6	49.3*	44.1	21.9	321.0	999.9	99.9	999.9	75.0	66.
31.9	84.0	9020.3	307.0	-44.1	-99.9	245.2	48.0*	43.6	20.2	321.0	999.9	99.9	999.9	75.5	66.
32.4	85.0	9152.4	301.0	-45.4	-99.9	245.2	54.0*	49.0	22.7	321.1	999.9	99.9	999.9	77.3	66.
33.0	86.0	9286.3	295.0	-46.8	-99.9	244.3	59.8**	53.9	25.9	320.9	999.9	99.9	999.9	79.8	66.
33.5	87.0	9422.1	289.0	-48.1	-99.9	243.9	62.6**	56.2	27.5	321.0	999.9	99.9	999.9	80.9	66.
33.9	88.0	9560.0	283.0	-49.3	-99.9	244.4	66.0**	59.5	28.5	321.2	999.9	99.9	999.9	83.0	66.
34.3	89.0	9676.6	278.0	-50.5	-99.9	245.3	65.6**	59.5	27.4	321.2	999.9	99.9	999.9	84.3	66.
34.8	90.0	9818.5	272.0	-51.8	-99.9	246.7	60.6**	55.6	23.9	321.2	999.9	99.9	999.9	87.1	66.
35.2	91.0	9938.5	267.0	-52.9	-99.9	247.7	59.2**	54.8	22.5	321.4	999.9	99.9	999.9	88.0	66.
35.7	92.0	10085.0	261.0	-53.5	-99.9	248.2	63.6**	59.0	23.6	322.6	999.9	99.9	999.9	88.8	66.
36.2	93.0	10234.1	255.0	-54.5	-99.9	248.7	64.0**	59.7	23.3	322.6	999.9	99.9	999.9	92.2	66.
36.7	94.0	10360.5	250.0	-55.7	-99.9	250.0	56.9**	53.5	19.5	323.3	999.9	99.9	999.9	93.7	66.
37.1	95.0	10488.5	245.0	-56.5	-99.9	251.1	54.3**	51.4	17.6	324.0	999.9	99.9	999.9	94.1	66.
37.7	96.0	10645.9	239.0	-57.5	-99.9	250.7	61.5**	58.0	20.3	324.8	999.9	99.9	999.9	96.8	66.
38.1	97.0	10779.5	234.0	-57.6	-99.9	249.4	63.9**	59.8	22.5	326.5	999.9	99.9	999.9	98.1	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1751 GMT

153 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.6	98.0	10915.6	229.0	-58.1	99.9	245.8	57.0**	52.0	23.3	327.8	999.9	99.9	999.9	100.6	66.
39.0	99.0	11054.4	224.0	-59.0	99.9	240.6	46.3**	40.3	22.7	328.6	999.9	99.9	999.9	101.7	66.
39.5	100.0	11196.2	219.0	-58.5	99.9	235.0	40.1**	32.8	23.0	331.5	999.9	99.9	999.9	103.0	66.
40.0	101.0	11370.9	213.0	-58.3	99.9	237.5	54.1**	45.6	29.1	334.4	999.9	99.9	999.9	102.9	66.
40.6	102.0	11520.4	208.0	-58.5	99.9	239.0	79.2**	68.0	40.8	336.4	999.9	99.9	999.9	106.2	66.
41.0	103.0	11642.2	204.0	-59.3	99.9	237.9	85.0**	72.0	45.2	336.9	999.9	99.9	999.9	108.5	66.
41.5	104.0	11797.3	199.0	-60.2	99.9	234.8	71.4**	58.3	41.2	338.0	999.9	99.9	999.9	111.6	65.
42.0	105.0	11955.7	194.0	-61.2	99.9	235.6	69.1**	57.0	39.1	338.7	999.9	99.9	999.9	113.0	65.
42.4	106.0	12086.1	190.0	-57.8	99.9	239.9	91.0**	78.8	45.6	346.3	999.9	99.9	999.9	112.7	65.
42.9	107.0	12220.7	186.0	-56.3	99.9	243.3	110.6**	98.8	49.7	350.8	999.9	99.9	999.9	118.0	65.
43.4	108.0	12393.6	181.0	-56.8	99.9	245.8	95.6**	87.2	39.2	352.7	999.9	99.9	999.9	122.2	65.
43.9	109.0	12535.3	177.0	-56.5	99.9	248.6	64.1**	59.6	23.4	355.5	999.9	99.9	999.9	123.9	65.
44.5	110.0	12680.7	173.0	-55.5	99.9	249.8	42.0**	39.4	14.5	359.5	999.9	99.9	999.9	125.2	65.
45.2	111.0	12867.9	168.0	-54.9	99.9	246.9	46.3**	42.6	18.1	363.5	999.9	99.9	999.9	126.9	65.
45.8	112.0	13021.7	164.0	-55.7	99.9	246.3	63.0**	57.7	25.3	364.7	999.9	99.9	999.9	128.4	65.
46.3	113.0	13178.9	160.0	-55.8	99.9	245.5	81.0**	73.8	33.5	367.0	999.9	99.9	999.9	131.0	65.
46.9	114.0	13340.1	156.0	-55.8	99.9	244.6	92.7**	83.8	39.8	369.7	999.9	99.9	999.9	133.4	65.
47.4	115.0	13505.1	152.0	-56.8	99.9	244.5	78.1**	70.4	33.7	370.8	999.9	99.9	999.9	138.5	65.
48.0	116.0	13716.2	147.0	-58.5	99.9	245.2	46.7**	42.4	19.6	371.5	999.9	99.9	999.9	139.0	65.
48.5	117.0	13845.5	144.0	-59.7	99.9	247.3	35.3**	32.5	13.6	371.6	999.9	99.9	999.9	140.3	65.
49.1	118.0	14021.4	140.0	-60.4	99.9	251.5	28.0**	26.6	8.9	373.4	999.9	99.9	999.9	141.9	65.
49.6	119.0	14156.1	137.0	-61.4	99.9	254.7	24.1**	23.2	6.4	373.9	999.9	99.9	999.9	142.7	65.
50.2	120.0	14339.4	133.0	-62.5	99.9	251.0	42.8**	40.5	14.0	375.1	999.9	99.9	999.9	142.5	65.
50.9	121.0	14528.2	129.0	-61.6	99.9	248.5	72.1**	67.1	26.5	380.0	999.9	99.9	999.9	146.1	65.
51.3	122.0	14674.1	126.0	-61.2	99.9	247.5	72.0**	66.6	27.5	383.3	999.9	99.9	999.9	147.7	65.
52.0	123.0	14823.5	123.0	-61.9	99.9	245.7	54.9**	50.0	22.6	384.6	999.9	99.9	999.9	151.7	65.
52.5	124.0	14976.2	120.0	-61.9	99.9	247.1	39.8**	36.6	15.5	387.3	999.9	99.9	999.9	150.6	65.
53.0	125.0	15185.9	116.0	-62.1	99.9	248.9	28.5**	26.6	10.3	390.8	999.9	99.9	999.9	155.0	65.
53.7	126.0	15402.3	112.0	-63.0	99.9	244.7	39.7**	35.9	17.0	393.0	999.9	99.9	999.9	153.1	66.
54.2	127.0	15569.3	109.0	-63.2	99.9	245.7	50.6**	46.1	20.8	395.7	999.9	99.9	999.9	155.9	65.
54.9	128.0	15741.1	106.0	-62.9	99.9	248.8	51.5**	48.0	18.6	399.6	999.9	99.9	999.9	157.7	65.
55.3	129.0	15918.0	103.0	-62.7	99.9	247.1	53.6**	49.4	20.9	403.2	999.9	99.9	999.9	158.9	66.
56.0	130.0	16100.4	100.0	-62.5	99.9	240.7	57.2**	49.9	28.0	407.0	999.9	99.9	999.9	160.8	66.
56.8	131.0	16287.7	97.0	-64.0	99.9	238.4	46.8**	39.9	24.6	407.7	999.9	99.9	999.9	163.8	65.
57.3	132.0	16545.3	93.0	-64.5	99.9	240.8	45.4**	39.6	22.1	411.5	999.9	99.9	999.9	164.5	65.
58.0	133.0	16745.4	90.0	-65.1	99.9	245.4	39.3**	35.7	16.3	414.3	999.9	99.9	999.9	169.2	65.
58.5	134.0	16883.3	88.0	-62.5	99.9	252.4	35.6**	33.9	10.8	422.2	999.9	99.9	999.9	165.2	65.
59.1	135.0	17097.3	85.0	-62.5	99.9	253.6	38.3**	36.7	10.8	426.4	999.9	99.9	999.9	171.2	65.
59.9	136.0	17319.5	82.0	-61.6	99.9	245.2	57.0**	51.7	23.9	432.6	999.9	99.9	999.9	171.3	65.
60.5	137.0	17629.4	78.0	-61.6	99.9	243.5	64.3**	57.6	28.7	438.9	999.9	99.9	999.9	174.3	65.
61.4	138.0	17872.3	75.0	-61.9	99.9	241.6	59.5**	52.3	28.3	443.1	999.9	99.9	999.9	176.6	65.
62.1	139.0	18124.4	72.0	-62.7	99.9	247.0	30.3**	27.9	11.8	446.7	999.9	99.9	999.9	180.9	65.
63.0	140.0	18386.5	69.0	-63.0	99.9	243.3	17.9**	16.0	8.1	451.4	999.9	99.9	999.9	178.2	65.
63.9	141.0	18659.9	66.0	-63.4	99.9	234.4	25.6**	20.8	14.9	456.4	999.9	99.9	999.9	181.1	65.
64.8	142.0	18946.6	63.0	-62.1	99.9	243.9	17.2**	15.4	7.6	465.3	999.9	99.9	999.9	183.1	65.

\* BY SPFED MFANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TFMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPFED MFANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
1751 GMT

153 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.7	143.0	19248.0	60.0	-62.3	99.9	259.8	19.8**	19.5	3.5	471.4	999.9	99.9	999.9	182.9	65.
66.6	144.0	19565.3	57.0	-61.6	99.9	247.9	39.8**	36.8	15.0	480.0	999.9	99.9	999.9	185.0	65.
67.5	145.0	19901.4	54.0	-60.4	99.9	247.2	52.9**	48.8	20.5	490.4	999.9	99.9	999.9	188.3	65.
68.5	146.0	20136.0	52.0	-61.4	99.9	60.4	42.5**	-37.0	-21.0	493.2	999.9	99.9	999.9	187.5	65.
69.5	147.0	20503.2	49.0	-63.0	99.9	253.0	31.5**	30.1	9.2	497.8	999.9	99.9	999.9	187.8	65.
70.5	148.0	20891.0	46.0	-64.2	99.9	255.7	39.5**	38.3	9.7	504.2	999.9	99.9	999.9	188.3	66.
71.5	149.0	21303.1	43.0	-64.9	99.9	253.3	39.6**	37.9	11.4	512.2	999.9	99.9	999.9	194.3	66.
72.5	150.0	21594.4	41.0	-63.8	99.9	62.9	20.1**	-17.9	-9.2	522.0	999.9	99.9	999.9	193.9	66.
73.6	151.0	22060.5	38.0	-63.8	99.9	256.5	19.2**	18.7	4.5	533.5	999.9	99.9	999.9	192.2	66.
74.8	152.0	22564.8	35.0	-63.8	99.9	250.7	54.0**	50.9	17.8	546.2	999.9	99.9	999.9	194.9	66.
76.0	153.0	22927.1	33.0	-62.1	99.9	329.5	7.5**	3.8	-6.5	559.8	999.9	99.9	999.9	198.8	66.
77.3	154.0	23516.8	30.0	-61.8	99.9	250.2	38.1**	35.9	12.9	576.3	999.9	99.9	999.9	198.5	66.
78.8	155.0	24171.3	27.0	-60.4	99.9	257.8	15.6**	15.3	3.3	597.9	999.9	99.9	999.9	203.9	66.
80.2	156.0	24650.8	25.0	-60.5	99.9	11.2	7.2**	-1.4	-7.0	610.7	999.9	99.9	999.9	201.2	66.
82.0	157.0	25449.9	22.0	-59.0	99.9	249.0	50.5**	47.1	18.1	638.0	999.9	99.9	999.9	204.3	66.
83.9	158.0	26374.3	19.0	-56.8	99.9	253.5	32.1*	30.8	9.1	672.1	999.9	99.9	999.9	206.2	67.
85.9	159.0	27463.2	16.0	-56.8	99.9	248.5	14.5*	13.5	5.3	705.9	999.9	99.9	999.9	213.6	67.
88.2	160.0	28314.1	14.0	-54.4	99.9	999.9	99.9	99.9	99.9	741.5	999.9	99.9	999.9	999.9	999.

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
2104 GMT

152 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.4	246.0	979.7	13.3	5.2	250.0	7.2	6.8	2.5	288.9	305.0	6.1	62.0	0.0	0.
0.2	9.0	303.5	973.0	10.6	2.9	227.0	7.4	5.4	5.0	286.6	299.4	4.9	59.0	0.5	54.
0.5	10.0	398.1	962.0	9.8	3.1	227.0	7.4	5.4	5.0	286.8	300.0	5.0	63.0	0.5	54.
1.1	11.0	511.0	949.0	8.7	2.7	234.1	8.3	6.8	4.9	286.8	299.7	4.9	65.9	0.8	53.
1.4	12.0	607.4	938.0	7.8	3.0	237.0	8.5	7.2	4.6	286.8	300.2	5.1	71.8	0.9	54.
1.9	13.0	704.6	927.0	6.6	2.7	235.0	9.4	7.7	5.4	286.5	299.7	5.0	76.3	1.2	54.
2.2	14.0	793.5	917.0	5.5	2.7	236.6	10.2	8.5	5.6	286.3	299.7	5.1	82.3	1.4	54.
2.6	15.0	892.2	906.0	4.8	2.7	241.2	11.4	10.0	5.5	286.6	300.2	5.2	86.5	1.6	55.
3.0	16.0	1019.2	892.0	3.9	2.6	247.3	12.5	11.5	4.8	287.0	300.7	5.2	91.1	1.9	56.
3.2	17.0	1110.8	882.0	3.1	2.6	250.7	13.1	12.4	4.3	287.0	300.8	5.2	96.5	2.1	57.
3.5	18.0	1212.5	871.0	2.1	1.5	255.2	14.1	13.7	3.6	287.0	300.0	4.9	96.2	2.3	58.
3.9	19.0	1315.2	860.0	1.6	0.8	259.4	15.3	15.0	2.8	287.5	300.1	4.7	94.8	2.6	61.
4.3	20.0	1409.4	850.0	0.8	0.1	262.0	16.5	16.4	2.3	287.5	299.6	4.5	95.0	3.0	64.
4.7	21.0	1533.2	837.0	-0.0	-0.7	264.7	17.6	17.6	1.6	287.9	299.5	4.3	95.2	3.4	66.
5.1	22.0	1629.5	827.0	-0.7	-1.6	267.1	18.7	18.6	1.0	288.2	299.3	4.1	93.7	3.8	68.
5.5	23.0	1726.7	817.0	-1.7	-2.4	267.2	19.9	19.9	1.0	288.2	298.8	3.9	94.9	4.2	70.
5.9	24.0	1824.7	807.0	-2.4	-3.1	264.3	22.6	22.5	2.3	288.3	298.5	3.8	95.3	4.7	72.
6.1	25.0	1923.7	797.0	-3.1	-4.0	262.5	23.6	23.4	3.1	288.6	298.4	3.6	93.5	5.0	73.
6.6	26.0	2054.2	784.0	-2.6	-3.7	258.0	25.1	24.5	5.2	290.5	300.7	3.7	91.9	5.8	74.
6.9	27.0	2156.1	774.0	-2.8	-4.5	256.9	24.8	24.2	5.6	291.4	301.1	3.5	87.6	6.2	74.
7.2	28.0	2259.2	764.0	-3.4	-5.3	255.0	25.9	25.1	6.7	291.8	301.1	3.4	86.8	6.6	74.
7.6	29.0	2363.5	754.0	-3.7	-5.3	252.8	28.1	26.9	8.3	292.5	302.0	3.4	88.2	7.3	74.
7.8	30.0	2469.0	744.0	-4.0	-5.4	252.3	28.8	27.4	8.8	293.3	302.9	3.4	90.1	7.7	74.
8.1	31.0	2565.0	735.0	-4.8	-5.8	251.8	29.8	28.3	9.3	293.5	302.9	3.4	92.4	8.2	74.
8.5	32.0	2672.8	725.0	-5.5	-7.3	252.2	31.2	29.7	9.6	293.8	302.4	3.1	87.4	8.9	73.
8.9	33.0	2781.6	715.0	-6.4	-7.8	253.2	33.1	31.7	9.5	293.9	302.3	3.0	90.0	9.6	73.
9.2	34.0	2880.8	706.0	-6.6	-8.9	254.0	34.2	32.9	9.5	294.8	302.7	2.8	83.5	10.3	73.
9.5	35.0	2992.3	696.0	-6.6	-9.6	254.6	35.2	33.9	9.3	296.0	303.6	2.7	79.0	10.9	73.
10.0	36.0	3116.8	685.0	-7.2	-11.0	255.1	35.4	34.2	9.1	296.7	303.6	2.4	74.2	12.1	74.
10.5	37.0	3231.3	675.0	-8.1	-10.1	254.9	36.0	34.7	9.3	296.9	304.5	2.6	84.9	13.0	74.
10.9	38.0	3335.6	666.0	-8.5	-10.9	254.9	37.3	36.0	9.7	297.6	304.8	2.5	82.6	13.9	74.
11.3	39.0	3441.0	657.0	-9.5	-11.4	255.3	38.8	37.6	9.9	297.6	304.6	2.4	86.5	14.8	74.
11.7	40.0	3535.6	649.0	-10.3	-12.3	255.5	39.9	38.7	10.0	297.8	304.4	2.3	84.8	15.8	74.
12.1	41.0	3655.2	639.0	-10.8	-13.1	255.4	40.4	39.1	10.2	298.4	304.8	2.2	83.1	16.8	74.
12.5	42.0	3788.7	628.0	-11.5	-13.7	254.6	40.0	38.6	10.6	299.1	305.3	2.1	83.7	17.9	74.
12.9	43.0	3899.3	619.0	-12.3	-14.1	253.2	39.8	38.1	11.5	299.5	305.6	2.1	86.2	18.6	74.
13.3	44.0	4011.1	610.0	-13.1	-14.2	251.6	40.2	38.1	12.7	299.8	305.9	2.1	91.6	19.7	74.
13.6	45.0	4111.6	602.0	-13.9	-15.3	250.3	41.2*	38.8	13.9	299.9	305.6	1.9	89.1	20.5	74.
14.0	46.0	4226.2	593.0	-13.8	-15.5	248.4	43.9*	40.9	16.2	301.4	307.1	1.9	87.3	21.3	74.
14.4	47.0	4342.8	584.0	-12.4	-19.0	247.1	49.2*	45.3	19.1	304.3	308.7	1.5	57.6	22.3	73.
14.7	48.0	4448.3	576.0	-12.3	-19.2	246.6	52.8*	48.5	21.0	305.6	310.1	1.4	56.1	23.3	73.
15.0	49.0	4568.6	567.0	-12.5	-19.7	246.4	56.3*	51.6	22.6	306.7	311.1	1.4	55.0	24.5	73.
15.4	50.0	4677.0	559.0	-13.4	-20.1	246.6	57.6*	52.8	22.9	306.9	311.2	1.4	56.7	25.7	72.
15.9	51.0	4814.3	549.0	-14.1	-20.6	246.9	56.1*	51.6	22.0	307.7	311.9	1.3	57.7	27.6	72.
16.2	52.0	4925.6	541.0	-15.1	-21.2	246.8	54.7*	50.3	21.6	307.8	311.8	1.3	59.2	28.6	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
2104 GMT

152 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.7	53.0	5038.1	533.0	-16.0	-21.5	245.8	53.4*	48.7	21.9	307.9	312.0	1.3	62.5	30.0	72.
17.0	54.0	5151.9	525.0	-16.7	-21.2	244.7	53.7*	48.5	23.0	308.5	312.7	1.3	68.2	30.8	72.
17.4	55.0	5267.2	517.0	-17.3	-20.3	243.8	55.0*	49.3	24.2	309.2	313.8	1.5	77.3	32.4	71.
17.9	56.0	5413.5	507.0	-18.1	-19.4	245.2	55.8*	50.7	23.4	309.9	315.0	1.6	89.3	33.9	70.
18.2	57.0	5532.3	499.0	-18.5	-23.4	246.4	56.4*	51.6	22.6	310.8	314.5	1.2	65.1	34.9	70.
18.6	58.0	5652.8	491.0	-19.3	-24.6	247.2	57.2*	52.7	22.1	311.2	314.6	1.1	62.8	36.4	71.
19.0	59.0	5774.9	483.0	-19.7	-25.1	246.3	57.8*	52.9	23.2	312.2	315.5	1.0	61.9	37.5	70.
19.3	60.0	5898.8	475.0	-20.2	-27.0	245.3	58.3*	51.1	23.5	313.0	315.8	0.9	54.3	38.8	70.
19.7	61.0	6008.8	468.0	-20.6	-29.6	244.2	54.4*	49.0	23.6	313.8	316.1	0.7	44.2	40.3	70.
20.1	62.0	6120.2	461.0	-20.8	-31.1	243.6	53.5*	47.9	23.8	315.0	317.0	0.6	38.6	41.3	70.
20.5	63.0	6249.5	453.0	-21.6	-33.9	242.9	55.6*	49.5	25.3	315.5	317.1	0.5	31.7	42.2	70.
20.8	64.0	6364.2	446.0	-21.8	-37.5	242.7	58.0*	51.5	26.6	316.6	317.7	0.3	22.5	43.6	70.
21.2	65.0	6497.2	438.0	-22.9	-40.4	242.9	60.8*	54.1	27.7	316.9	317.8	0.3	18.3	45.2	69.
21.7	66.0	6632.0	430.0	-24.0	-43.7	244.1	64.2*	57.8	28.1	317.2	317.8	0.2	14.2	46.8	69.
22.1	67.0	6751.6	423.0	-25.2	-44.6	245.2	66.7*	60.6	27.9	317.1	317.7	0.2	14.3	48.2	69.
22.5	68.0	6890.0	415.0	-26.1	-47.0	246.1	66.5*	60.8	26.9	317.7	318.2	0.1	11.9	50.2	69.
23.0	69.0	7030.6	407.0	-27.1	-51.0	245.9	59.7*	54.5	24.4	318.1	318.4	0.1	8.3	52.6	69.
23.4	70.0	7155.3	400.0	-28.2	-51.1	244.9	56.1*	50.8	23.8	318.3	318.6	0.1	8.9	53.0	69.
23.9	71.0	7318.2	391.0	-29.5	-52.0	243.8	54.4*	48.8	24.0	318.7	319.0	0.1	9.1	55.3	69.
24.3	72.0	7446.8	384.0	-30.7	-52.4	243.4	54.7*	48.9	24.5	318.8	319.1	0.1	9.8	56.5	68.
24.7	73.0	7558.4	378.0	-31.8	-53.2	243.4	56.7*	50.7	25.4	318.7	318.9	0.1	9.9	57.4	68.
25.1	74.0	7690.3	371.0	-32.9	-53.5	243.5	59.5*	53.2	26.5	319.0	319.2	0.1	10.6	58.7	68.
25.5	75.0	7824.0	364.0	-33.9	-54.3	243.2	60.1*	53.7	27.2	319.3	319.5	0.1	10.7	61.0	68.
25.9	76.0	7940.2	358.0	-35.1	-54.7	241.9	57.6*	50.9	27.1	319.2	319.5	0.1	11.3	62.0	68.
26.2	77.0	8077.5	351.0	-36.3	-55.6	241.2	58.3*	51.1	28.1	319.4	319.7	0.1	11.5	62.8	68.
26.6	78.0	8196.9	345.0	-37.4	-56.4	240.5	62.4*	54.3	30.7	319.6	319.8	0.1	11.6	64.1	68.
27.0	79.0	8317.7	339.0	-38.6	-57.3	240.3	71.1*	61.7	35.3	319.5	319.7	0.0	11.7	65.7	68.
27.4	80.0	8440.2	333.0	-39.6	-57.4	239.8	78.4*	67.8	39.5	319.7	319.9	0.0	12.9	67.4	67.
28.0	81.0	8606.0	325.0	-41.1	99.9	238.9	79.5*	68.0	41.1	320.0	999.9	99.9	999.9	70.9	67.
28.4	82.0	8732.3	319.0	-42.4	99.9	238.6	72.5*	61.9	37.8	320.0	999.9	99.9	999.9	72.7	67.
28.8	83.0	8860.3	313.0	-43.6	99.9	238.9	65.6*	56.1	33.9	320.0	999.9	99.9	999.9	74.0	67.
29.2	84.0	8990.2	307.0	-44.6	99.9	239.8	59.0*	51.0	29.6	320.4	999.9	99.9	999.9	75.5	66.
29.6	85.0	9121.9	301.0	-45.8	99.9	241.3	53.6*	47.0	25.7	320.5	999.9	99.9	999.9	77.2	66.
30.2	86.0	9278.2	294.0	-47.0	99.9	243.5	51.8*	46.3	23.1	321.0	999.9	99.9	999.9	78.5	66.
30.7	87.0	9391.6	289.0	-48.1	99.9	244.9	56.3**	51.0	23.8	321.0	999.9	99.9	999.9	80.1	66.
31.1	88.0	9529.5	283.0	-49.3	99.9	245.9	59.1**	54.0	24.1	321.2	999.9	99.9	999.9	81.8	66.
31.5	89.0	9669.7	277.0	-50.3	99.9	247.0	57.4**	52.8	22.4	321.7	999.9	99.9	999.9	82.9	66.
32.0	90.0	9812.3	271.0	-51.3	99.9	248.9	54.3**	50.7	19.5	322.2	999.9	99.9	999.9	85.4	66.
32.4	91.0	9932.9	266.0	-52.7	99.9	249.7	63.5**	59.5	22.1	321.9	999.9	99.9	999.9	85.5	66.
32.8	92.0	10079.9	260.0	-53.8	99.9	249.5	76.4**	71.5	26.8	322.5	999.9	99.9	999.9	87.1	66.
33.2	93.0	10204.5	255.0	-54.3	99.9	249.1	83.4**	77.9	29.8	323.6	999.9	99.9	999.9	89.8	66.
33.6	94.0	10331.7	250.0	-53.6	99.9	248.7	81.4**	75.8	29.5	326.3	999.9	99.9	999.9	92.5	66.
34.0	95.0	10487.8	244.0	-53.9	99.9	248.2	73.0**	67.8	27.1	328.1	999.9	99.9	999.9	93.8	66.
34.5	96.0	10647.3	238.0	-54.9	99.9	245.8	73.3**	66.9	30.1	329.1	999.9	99.9	999.9	95.2	67.
34.9	97.0	10783.2	233.0	-54.4	99.9	242.6	75.1**	66.7	34.5	331.8	999.9	99.9	999.9	97.5	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
2104 GMT

152 17. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.3	98.0	10922.1	228.0	-54.6	99.9	239.3	71.7**	61.6	36.6	333.6	999.9	99.9	999.9	100.0	66.
35.7	99.0	11063.7	223.0	-55.7	99.9	235.8	67.5**	55.8	38.0	334.0	999.9	99.9	999.9	101.2	66.
36.0	100.0	11178.7	219.0	-56.7	99.9	233.0	65.2**	52.1	39.2	334.3	999.9	99.9	999.9	101.3	66.
36.4	101.0	11354.2	213.0	-58.3	99.9	229.2	64.0**	48.4	41.9	334.4	999.9	99.9	999.9	104.0	66.
36.9	102.0	11503.3	208.0	-59.5	99.9	222.7	56.5**	38.3	41.5	334.8	999.9	99.9	999.9	105.7	66.
37.2	103.0	11624.4	204.0	-60.9	99.9	219.8	52.2**	33.4	40.1	334.5	999.9	99.9	999.9	106.6	65.
37.7	104.0	11778.3	199.0	-61.9	99.9	221.4	52.1**	34.4	39.1	335.2	999.9	99.9	999.9	107.5	65.
38.1	105.0	11935.5	194.0	-62.7	99.9	228.1	60.8**	45.2	40.6	336.5	999.9	99.9	999.9	108.0	65.
38.6	106.0	12064.4	190.0	-61.1	99.9	235.3	72.7**	59.8	41.4	341.1	999.9	99.9	999.9	110.8	64.
39.1	107.0	12197.6	186.0	-58.0	99.9	239.4	71.5**	61.5	36.4	348.1	999.9	99.9	999.9	113.5	64.
39.5	108.0	12369.3	181.0	-58.0	99.9	241.5	65.8**	57.9	31.4	350.9	999.9	99.9	999.9	114.9	64.
40.0	109.0	12509.7	177.0	-59.3	99.9	243.0	67.7**	60.3	30.7	350.9	999.9	99.9	999.9	116.1	64.
40.5	110.0	12652.7	173.0	-60.0	99.9	244.3	79.4**	71.5	34.4	352.1	999.9	99.9	999.9	119.2	64.
41.2	111.0	12836.0	168.0	-59.5	99.9	245.3	92.5**	84.0	38.7	355.9	999.9	99.9	999.9	122.3	64.
41.8	112.0	12986.9	164.0	-59.3	99.9	245.8	89.4**	81.5	36.6	358.6	999.9	99.9	999.9	126.1	64.
42.3	113.0	13142.0	160.0	-58.1	99.9	246.1	83.0**	75.9	33.6	363.2	999.9	99.9	999.9	128.6	64.
42.8	114.0	13301.6	156.0	-57.6	99.9	246.2	80.7**	73.9	32.5	366.7	999.9	99.9	999.9	130.8	64.
43.3	115.0	13423.5	153.0	-58.5	99.9	246.9	80.3**	73.9	31.6	367.3	999.9	99.9	999.9	133.4	64.
43.9	116.0	13632.5	148.0	-59.3	99.9	248.5	71.1**	66.2	26.1	369.3	999.9	99.9	999.9	136.0	64.
44.5	117.0	13804.1	144.0	-59.3	99.9	250.7	46.5**	43.9	15.4	372.2	999.9	99.9	999.9	139.9	65.
45.0	118.0	13936.0	141.0	-59.1	99.9	251.4	34.0**	32.2	10.8	374.8	999.9	99.9	999.9	138.9	65.
45.6	119.0	14116.0	137.0	-60.0	99.9	247.9	45.4**	42.1	17.1	376.3	999.9	99.9	999.9	140.5	65.
46.2	120.0	14300.7	133.0	-60.7	99.9	246.3	52.8**	48.3	21.2	378.3	999.9	99.9	999.9	143.0	65.
46.9	121.0	14442.4	130.0	-61.6	99.9	246.6	52.7**	48.4	20.9	379.2	999.9	99.9	999.9	144.0	65.
47.4	122.0	14587.0	127.0	-61.9	99.9	247.4	58.2**	53.7	22.3	381.1	999.9	99.9	999.9	146.6	65.
48.0	123.0	14784.9	123.0	-62.1	99.9	250.3	62.3**	58.7	21.0	384.3	999.9	99.9	999.9	148.9	65.
48.5	124.0	14937.3	120.0	-62.7	99.9	252.4	72.6**	69.2	21.9	386.0	999.9	99.9	999.9	150.3	65.
49.0	125.0	15093.4	117.0	-62.5	99.9	251.1	79.3**	75.0	25.7	389.1	999.9	99.9	999.9	151.7	65.
49.6	126.0	15308.3	113.0	-62.1	99.9	248.7	57.1**	53.2	20.7	393.7	999.9	99.9	999.9	157.7	65.
50.2	127.0	15474.5	110.0	-62.3	99.9	253.8	29.5**	28.3	8.2	396.4	999.9	99.9	999.9	156.2	65.
50.9	128.0	15703.2	106.0	-62.5	99.9	322.8	8.2**	4.9	-6.5	400.3	999.9	99.9	999.9	159.7	65.
51.5	129.0	15820.8	104.0	-62.3	99.9	260.8	28.2**	27.8	4.5	402.8	999.9	99.9	999.9	153.4	65.
52.1	130.0	16002.2	101.0	-60.9	99.9	250.8	69.4**	65.5	22.9	409.0	999.9	99.9	999.9	160.4	65.
52.9	131.0	16253.8	97.0	-60.2	99.9	249.4	53.9**	50.5	19.0	415.1	999.9	99.9	999.9	162.7	65.
53.6	132.0	16449.3	94.0	-61.2	99.9	246.0	63.5**	58.0	25.9	416.7	999.9	99.9	999.9	164.5	66.
54.1	133.0	16650.3	91.0	-61.9	99.9	246.3	65.3**	59.8	26.2	419.2	999.9	99.9	999.9	168.2	65.
54.9	134.0	16787.6	89.0	-62.7	99.9	252.2	49.4**	47.0	15.1	420.4	999.9	99.9	999.9	169.8	66.
55.4	135.0	16998.9	86.0	-62.9	99.9	252.8	49.8**	47.6	14.7	424.2	999.9	99.9	999.9	171.4	66.
56.1	136.0	17217.8	83.0	-62.5	99.9	252.7	43.4**	41.4	12.9	429.3	999.9	99.9	999.9	173.5	66.
56.9	137.0	17523.6	79.0	-61.1	99.9	258.1	22.7**	22.2	4.7	438.4	999.9	99.9	999.9	176.1	66.
57.7	138.0	17763.1	76.0	-62.9	99.9	249.3	49.1**	45.9	17.4	439.5	999.9	99.9	999.9	175.1	66.
58.5	139.0	18010.2	73.0	-64.5	99.9	251.3	23.7**	22.4	7.6	441.0	999.9	99.9	999.9	180.5	66.
59.4	140.0	18267.0	70.0	-64.0	99.9	314.5	5.5**	3.9	-3.9	447.6	999.9	99.9	999.9	177.8	66.
60.1	141.0	18535.0	67.0	-64.5	99.9	251.2	33.3**	31.5	10.8	452.0	999.9	99.9	999.9	179.5	66.
61.0	142.0	18814.9	64.0	-64.7	99.9	250.1	32.8**	30.9	11.1	457.5	999.9	99.9	999.9	182.0	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
2104 GMT

152 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.0	143.0	19109.7	61.0	-62.3	99.9	251.5	43.0**	40.7	13.6	469.2	999.9	99.9	999.9	181.7	66.
62.9	144.0	19422.7	58.0	-60.2	99.9	263.5	21.6**	21.5	2.5	480.8	999.9	99.9	999.9	187.1	66.
63.9	145.0	19754.0	55.0	-60.2	99.9	22.8	8.4**	-3.2	-7.7	488.2	999.9	99.9	999.9	184.9	66.
64.8	146.0	19983.7	53.0	-62.7	99.9	269.3	9.0**	9.0	0.1	487.6	999.9	99.9	999.9	186.4	66.
65.9	147.0	20342.0	50.0	-63.8	99.9	253.4	3.1**	3.0	0.9	493.2	999.9	99.9	999.9	186.5	66.
67.0	148.0	20721.9	47.0	-63.4	99.9	256.3	20.1**	19.5	4.8	502.9	999.9	99.9	999.9	186.9	66.
68.1	149.0	21129.2	44.0	-61.2	99.9	271.6	12.9**	12.9	-0.4	517.8	999.9	99.9	999.9	187.4	67.
69.3	150.0	21418.0	42.0	-61.2	99.9	257.6	28.2**	27.6	6.1	524.7	999.9	99.9	999.9	188.4	67.
70.4	151.0	21876.6	39.0	-62.5	99.9	254.9	25.3**	24.4	6.6	532.8	999.9	99.9	999.9	191.3	67.
71.6	152.0	22369.5	36.0	-63.4	99.9	256.4	36.0**	35.0	8.5	542.8	999.9	99.9	999.9	191.9	67.
73.0	153.0	22906.8	33.0	-61.2	99.9	252.6	29.5**	28.2	8.8	562.2	999.9	99.9	999.9	196.0	67.
74.5	154.0	23297.0	31.0	-59.0	99.9	75.5	9.7**	-9.4	-2.4	578.4	999.9	99.9	999.9	201.7	67.
75.9	155.0	23934.2	28.0	-59.8	99.9	276.7	16.8**	16.7	-2.0	593.1	999.9	99.9	999.9	195.9	67.
77.3	156.0	24639.8	25.0	-61.4	99.9	263.8	20.1**	20.0	2.2	608.2	999.9	99.9	999.9	199.3	67.
79.1	157.0	25156.7	23.0	-61.6	99.9	245.3	35.2*	32.0	14.7	622.3	999.9	99.9	999.9	200.3	67.
81.0	158.0	26022.8	20.0	-61.6	99.9	247.4	11.0*	10.1	4.2	647.7	999.9	99.9	999.9	205.8	67.
83.2	159.0	27037.8	17.0	-58.3	99.9	999.9	99.9	99.9	99.9	689.0	999.9	99.9	999.9	999.9	999.

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
2315 GMT

139 46. 0

TIME MIN	CNTCT	HEIGHT GPM	FRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	246.0	981.0	9.3	3.3	280.0	7.7	7.6	-1.3	284.7	297.6	5.0	66.0	0.0	0.
0.2	9.0	313.7	973.0	7.6	1.6	283.7	12.8	12.4	-3.0	283.6	295.1	4.4	65.5	0.4	106.
0.5	10.0	407.4	962.0	6.9	1.5	283.7	12.8	12.4	-3.0	283.7	295.4	4.5	68.6	0.4	106.
0.9	11.0	527.8	948.0	6.2	1.8	282.6	12.7	12.4	-2.8	284.2	296.3	4.6	73.2	0.7	105.
1.3	12.0	623.4	937.0	5.1	1.4	279.6	13.7	13.5	-2.3	284.1	296.0	4.5	77.1	1.0	104.
1.6	13.0	719.7	926.0	4.1	1.2	276.9	14.7	14.6	-1.8	284.0	295.9	4.5	81.8	1.2	103.
1.9	14.0	816.9	915.0	3.4	0.8	274.1	15.7	15.7	-1.1	284.2	295.9	4.4	83.3	1.5	101.
2.2	15.0	915.0	904.0	2.9	0.8	271.3	15.6	15.6	-0.4	284.7	296.5	4.5	86.3	1.8	100.
2.6	16.0	1032.4	891.0	2.7	1.1	267.5	15.0	15.0	0.6	285.7	298.0	4.7	89.1	2.2	98.
3.0	17.0	1142.1	879.0	1.7	0.7	264.4	14.4	14.4	1.4	285.8	297.9	4.6	93.1	2.5	96.
3.3	18.0	1234.3	869.0	0.9	-0.2	266.2	16.1	16.0	1.1	285.8	297.3	4.3	92.5	2.7	95.
3.7	19.0	1336.7	858.0	0.2	-1.3	268.3	16.7	16.7	0.5	286.1	296.9	4.1	89.6	3.2	94.
4.0	20.0	1440.1	847.0	-0.6	-2.1	270.1	16.0	16.0	-0.0	286.3	296.6	3.9	89.3	3.5	94.
4.5	21.0	1563.6	834.0	-1.4	-3.0	270.4	13.3	13.3	-0.1	286.7	296.6	3.7	89.1	3.9	93.
4.9	22.0	1669.4	823.0	-2.4	-3.6	271.6	14.6	14.6	-0.4	286.7	296.3	3.6	91.3	4.2	93.
5.2	23.0	1766.4	813.0	-3.3	-4.5	273.7	15.2	15.1	-1.0	286.7	295.8	3.4	91.6	4.5	93.
5.6	24.0	1874.2	802.0	-3.5	-6.0	276.9	16.2	16.1	-1.9	287.6	295.9	3.0	82.6	4.9	93.
5.9	25.0	1973.4	792.0	-3.9	-7.3	278.0	18.2	18.1	-2.5	288.1	295.8	2.8	77.5	5.1	94.
6.3	26.0	2104.0	779.0	-4.4	-8.3	275.8	19.6	19.5	-2.0	289.0	296.2	2.6	73.9	5.6	94.
6.6	27.0	2205.8	769.0	-4.9	-11.8	273.8	20.1	20.0	-1.3	289.4	295.1	2.0	58.3	6.0	94.
7.0	28.0	2308.7	759.0	-4.9	-18.4	272.0	20.2	20.2	-0.7	290.4	293.9	1.2	33.7	6.4	94.
7.3	29.0	2413.0	749.0	-4.9	-25.2	271.3	20.4	20.4	-0.5	291.5	293.5	0.7	18.5	6.8	94.
7.7	30.0	2518.5	739.0	-5.5	-26.6	270.4	21.0	21.0	-0.2	291.9	293.7	0.6	17.1	7.3	93.
8.0	31.0	2625.2	729.0	-6.2	-28.5	269.9	21.6	21.6	0.0	292.2	293.7	0.5	15.1	7.7	93.
8.4	32.0	2722.2	720.0	-7.0	-32.4	268.2	23.9	23.9	0.7	292.4	293.5	0.3	11.0	8.2	93.
8.7	33.0	2831.3	710.0	-6.7	-29.9	266.4	25.8	25.8	1.6	293.9	295.3	0.4	13.6	8.6	93.
9.1	34.0	2942.0	700.0	-7.1	-29.5	263.8	28.2	28.1	3.0	294.6	296.1	0.5	14.7	9.3	92.
9.5	35.0	3054.0	690.0	-7.7	-32.0	261.0	29.6	29.2	4.6	295.1	296.3	0.4	12.2	10.1	92.
9.9	36.0	3190.3	678.0	-8.3	-35.6	258.5	30.2	29.6	6.0	296.0	296.8	0.3	8.9	10.8	91.
10.3	37.0	3293.9	669.0	-8.6	-36.4	256.6	32.2	31.4	7.4	296.7	297.6	0.2	8.4	11.4	90.
10.7	38.0	3398.7	660.0	-9.1	-30.3	255.6	35.2	34.1	8.8	297.4	298.9	0.5	15.9	12.1	89.
11.1	39.0	3504.8	651.0	-9.8	-25.5	255.1	38.3	37.0	9.8	297.8	300.5	0.9	31.5	13.0	88.
11.5	40.0	3624.2	641.0	-10.2	-28.2	255.1	39.8	38.4	10.2	298.6	300.4	0.6	21.1	14.1	87.
11.9	41.0	3757.4	630.0	-11.0	-39.3	255.7	39.3	38.1	9.7	299.2	299.9	0.2	7.5	15.0	86.
12.3	42.0	3868.0	621.0	-10.5	-37.0	256.5	39.7	38.6	9.3	301.0	301.8	0.3	9.2	15.9	86.
12.7	43.0	3980.2	612.0	-10.8	-35.1	256.7	41.5	40.4	9.5	301.9	302.9	0.3	11.4	16.7	85.
13.1	44.0	4081.2	604.0	-11.5	-31.6	255.9	44.1	42.7	10.7	302.2	303.7	0.4	17.1	17.7	85.
13.4	45.0	4209.0	594.0	-12.3	-25.1	254.5	45.8	44.1	12.3	302.9	305.5	0.8	33.1	18.7	85.
13.8	46.0	4312.6	586.0	-12.8	-23.0	252.2	47.8	45.5	14.6	303.4	306.6	1.0	42.0	19.8	84.
14.1	47.0	4430.6	577.0	-13.0	-21.5	250.8	49.5	46.8	16.3	304.6	308.3	1.2	48.5	20.5	83.
14.5	48.0	4550.4	568.0	-13.5	-20.8	249.5	52.7	49.4	18.4	305.3	309.3	1.3	54.2	21.7	83.
14.9	49.0	4658.1	560.0	-14.6	-19.5	249.0	55.5	51.8	19.8	305.3	309.7	1.5	66.3	23.0	82.
15.2	50.0	4780.9	551.0	-14.9	-18.0	248.7	56.2*	52.4	20.4	306.4	311.5	1.7	77.2	24.1	81.
15.6	51.0	4919.3	541.0	-15.8	-17.0	248.3	56.1*	52.1	20.8	307.0	312.7	1.9	90.2	25.5	81.
15.9	52.0	5031.5	533.0	-17.0	-17.3	248.1	55.4*	51.4	20.7	306.9	312.5	1.8	97.6	26.4	80.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERRUPTED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
2315 GMT

139 46. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.3	53.0	5159.2	524.0	-17.8	-17.8	248.1	55.4*	51.4	20.7	307.4	312.9	1.8	99.9	27.6	80.
16.6	54.0	5274.2	516.0	-18.5	-18.6	248.1	55.9*	51.9	20.8	307.9	313.1	1.7	99.2	28.6	79.
16.9	55.0	5391.0	508.0	-18.2	-20.5	248.0	57.0*	52.9	21.3	309.6	314.2	1.5	82.3	29.7	79.
17.5	56.0	5539.4	498.0	-18.6	-22.1	247.2	60.9*	56.1	23.6	310.8	314.9	1.3	73.7	31.5	78.
17.8	57.0	5645.0	491.0	-18.9	-24.3	246.4	62.5*	57.3	25.0	311.7	315.2	1.1	61.8	32.7	78.
18.2	58.0	5782.8	482.0	-19.0	-26.9	245.4	63.0*	57.3	26.3	313.2	316.0	0.9	49.4	34.4	77.
18.6	59.0	5907.5	474.0	-18.9	-29.3	244.2	61.5*	55.4	26.8	314.8	317.2	0.7	39.2	35.9	77.
19.0	60.0	6034.2	466.0	-19.4	-30.4	242.8	58.8*	52.3	26.9	315.7	317.9	0.6	37.1	37.1	76.
19.5	61.0	6146.4	459.0	-20.8	-37.1	241.7	58.4*	51.4	27.7	315.3	317.2	0.6	35.3	39.1	75.
19.9	62.0	6276.2	451.0	-21.4	-33.6	242.2	61.7*	54.5	28.8	316.1	317.8	0.5	32.2	40.0	75.
20.2	63.0	6391.4	444.0	-22.5	-33.9	242.8	64.4*	57.2	29.4	316.2	317.8	0.5	34.4	41.2	75.
20.6	64.0	6507.8	437.0	-23.6	-34.4	243.6	67.0*	59.9	29.8	316.3	317.9	0.5	36.0	43.0	74.
21.0	65.0	6642.6	429.0	-24.7	-34.9	243.9	66.1*	59.3	29.1	316.4	318.0	0.5	38.0	44.3	74.
21.5	66.0	6796.5	420.0	-26.1	-35.8	243.8	61.2*	54.9	27.0	316.7	318.1	0.4	39.2	47.1	73.
22.0	67.0	6935.5	412.0	-26.8	-38.2	244.7	61.2*	55.4	26.2	317.4	318.6	0.3	32.8	47.5	73.
22.4	68.0	7058.8	405.0	-28.1	-39.8	245.3	64.2*	58.3	26.8	317.2	318.3	0.3	31.3	49.8	73.
22.9	69.0	7201.7	397.0	-29.3	-40.8	245.2	66.2*	60.1	27.8	317.5	318.5	0.3	31.7	51.7	73.
23.3	70.0	7328.4	390.0	-30.5	-41.9	244.8	67.3*	60.9	28.6	317.6	318.5	0.2	31.4	53.1	72.
23.9	71.0	7475.4	382.0	-31.7	-43.0	244.3	67.7*	61.0	29.4	318.0	318.7	0.2	31.1	55.7	72.
24.3	72.0	7606.0	375.0	-32.6	-43.6	243.6	65.6*	58.7	29.1	318.4	319.2	0.2	32.0	57.4	72.
24.8	73.0	7738.5	368.0	-33.6	-44.6	242.8	61.1*	54.4	28.0	318.8	319.5	0.2	31.7	59.2	72.
25.3	74.0	7853.6	362.0	-34.8	-45.7	242.5	57.2*	50.8	26.4	318.7	319.3	0.2	31.7	61.0	71.
25.7	75.0	7989.6	355.0	-36.0	-47.0	242.4	57.1*	50.6	26.4	318.9	319.5	0.2	30.9	62.2	71.
26.2	76.0	8127.6	348.0	-37.1	-48.3	242.2	62.3*	55.1	29.1	319.1	319.6	0.1	30.0	63.7	71.
26.6	77.0	8247.6	342.0	-38.2	-48.4	242.0	68.7*	60.6	32.2	319.3	319.8	0.1	33.0	65.3	71.
27.1	78.0	8389.6	335.0	-39.4	-49.0	242.1	73.7*	65.1	34.5	319.5	320.0	0.1	34.7	67.6	70.
27.6	79.0	8513.0	329.0	-40.7	-49.9	242.6	73.5*	65.3	33.8	319.4	999.9	99.9	999.9	70.1	70.
28.1	80.0	8637.9	323.0	-42.1	99.9	243.6	72.6*	65.0	32.3	319.3	999.9	99.9	999.9	71.6	70.
28.6	81.0	8807.2	315.0	-43.3	99.9	244.4	69.2	62.4	29.9	319.9	999.9	99.9	999.9	74.6	70.
29.1	82.0	8936.5	309.0	-44.0	99.9	999.9	99.9	99.9	99.9	320.7	999.9	99.9	999.9	999.9	999.
29.5	83.0	9067.8	303.0	-45.1	99.9	999.9	99.9	99.9	99.9	320.9	999.9	99.9	999.9	999.9	999.
30.0	84.0	9178.7	298.0	-46.2	99.9	999.9	99.9	99.9	99.9	320.9	999.9	99.9	999.9	999.9	999.
30.5	85.0	9336.3	291.0	-47.4	99.9	999.9	99.9	99.9	99.9	321.3	999.9	99.9	999.9	999.9	999.
31.1	86.0	9496.5	284.0	-48.7	99.9	999.9	99.9	99.9	99.9	321.7	999.9	99.9	999.9	999.9	999.
31.7	87.0	9636.9	278.0	-49.7	99.9	999.9	99.9	99.9	99.9	322.2	999.9	99.9	999.9	999.9	999.
32.2	88.0	9755.4	273.0	-50.7	99.9	999.9	99.9	99.9	99.9	322.4	999.9	99.9	999.9	999.9	999.
32.7	89.0	9900.5	267.0	-49.9	99.9	999.9	99.9	99.9	99.9	325.8	999.9	99.9	999.9	999.9	999.
33.1	90.0	10048.8	261.0	-50.9	99.9	999.9	99.9	99.9	99.9	326.4	999.9	99.9	999.9	999.9	999.
33.6	91.0	10174.8	256.0	-50.9	99.9	999.9	99.9	99.9	99.9	328.2	999.9	99.9	999.9	999.9	999.
34.1	92.0	10329.2	250.0	-50.7	99.9	999.9	99.9	99.9	99.9	330.7	999.9	99.9	999.9	999.9	999.
34.4	93.0	10460.4	245.0	-52.1	99.9	999.9	99.9	99.9	99.9	330.6	999.9	99.9	999.9	999.9	999.
34.8	94.0	10593.7	240.0	-52.8	99.9	999.9	99.9	99.9	99.9	331.4	999.9	99.9	999.9	999.9	999.
35.2	95.0	10729.7	235.0	-52.5	99.9	999.9	99.9	99.9	99.9	333.9	999.9	99.9	999.9	999.9	999.
35.5	96.0	10896.3	229.0	-54.0	99.9	999.9	99.9	99.9	99.9	334.0	999.9	99.9	999.9	999.9	999.
36.0	97.0	11066.1	223.0	-55.6	99.9	999.9	99.9	99.9	99.9	334.2	999.9	99.9	999.9	999.9	999.

\* BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
2315 GMT

139 46. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.3	98.0	11181.2	219.0	-56.7	99.9	999.9	99.9	99.9	99.9	334.2	999.9	99.9	999.9	999.9	999.9
36.7	99.0	11327.1	214.0	-58.1	99.9	999.9	99.9	99.9	99.9	334.2	999.9	99.9	999.9	999.9	999.9
37.0	100.0	11475.6	209.0	-59.3	99.9	999.9	99.9	99.9	99.9	334.6	999.9	99.9	999.9	999.9	999.9
37.6	101.0	11657.4	203.0	-60.8	99.9	999.9	99.9	99.9	99.9	335.0	999.9	99.9	999.9	999.9	999.9
37.9	102.0	11812.2	198.0	-61.7	99.9	999.9	99.9	99.9	99.9	336.1	999.9	99.9	999.9	999.9	999.9
38.3	103.0	11939.0	194.0	-60.3	99.9	999.9	99.9	99.9	99.9	340.2	999.9	99.9	999.9	999.9	999.9
38.7	104.0	12102.4	189.0	-59.0	99.9	999.9	99.9	99.9	99.9	344.9	999.9	99.9	999.9	999.9	999.9
39.0	105.0	12236.4	185.0	-59.5	99.9	999.9	99.9	99.9	99.9	346.3	999.9	99.9	999.9	999.9	999.9
39.4	106.0	12407.6	180.0	-60.1	99.9	999.9	99.9	99.9	99.9	347.9	999.9	99.9	999.9	999.9	999.9
39.9	107.0	12548.1	176.0	-59.5	99.9	999.9	99.9	99.9	99.9	351.2	999.9	99.9	999.9	999.9	999.9
40.4	108.0	12691.9	172.0	-59.6	99.9	999.9	99.9	99.9	99.9	353.3	999.9	99.9	999.9	999.9	999.9
40.9	109.0	12838.8	168.0	-60.5	99.9	999.9	99.9	99.9	99.9	354.2	999.9	99.9	999.9	999.9	999.9
41.5	110.0	12988.9	164.0	-60.5	99.9	999.9	99.9	99.9	99.9	356.7	999.9	99.9	999.9	999.9	999.9
42.1	111.0	13181.9	159.0	-60.1	99.9	999.9	99.9	99.9	99.9	360.4	999.9	99.9	999.9	999.9	999.9
42.6	112.0	13340.2	155.0	-60.5	99.9	999.9	99.9	99.9	99.9	362.5	999.9	99.9	999.9	999.9	999.9
43.2	113.0	13503.7	151.0	-60.5	99.9	999.9	99.9	99.9	99.9	365.2	999.9	99.9	999.9	999.9	999.9
43.8	114.0	13671.1	147.0	-60.0	99.9	999.9	99.9	99.9	99.9	368.9	999.9	99.9	999.9	999.9	999.9
44.2	115.0	13843.4	143.0	-60.0	99.9	999.9	99.9	99.9	99.9	371.8	999.9	99.9	999.9	999.9	999.9
45.0	116.0	14019.9	139.0	-61.5	99.9	999.9	99.9	99.9	99.9	372.2	999.9	99.9	999.9	999.9	999.9
45.6	117.0	14200.9	135.0	-61.5	99.9	999.9	99.9	99.9	99.9	375.3	999.9	99.9	999.9	999.9	999.9
46.1	118.0	14387.5	131.0	-61.3	99.9	999.9	99.9	99.9	99.9	378.8	999.9	99.9	999.9	999.9	999.9
46.7	119.0	14531.2	128.0	-61.3	99.9	999.9	99.9	99.9	99.9	381.3	999.9	99.9	999.9	999.9	999.9
47.3	120.0	14728.1	124.0	-61.5	99.9	999.9	99.9	99.9	99.9	384.5	999.9	99.9	999.9	999.9	999.9
47.8	121.0	14879.7	121.0	-62.2	99.9	999.9	99.9	99.9	99.9	385.9	999.9	99.9	999.9	999.9	999.9
48.4	122.0	15034.3	118.0	-63.5	99.9	999.9	99.9	99.9	99.9	386.4	999.9	99.9	999.9	999.9	999.9
49.0	123.0	15192.4	115.0	-63.8	99.9	999.9	99.9	99.9	99.9	388.6	999.9	99.9	999.9	999.9	999.9
49.6	124.0	15409.3	111.0	-64.2	99.9	999.9	99.9	99.9	99.9	391.8	999.9	99.9	999.9	999.9	999.9
50.1	125.0	15576.7	108.0	-64.9	99.9	999.9	99.9	99.9	99.9	393.5	999.9	99.9	999.9	999.9	999.9
50.8	126.0	15806.6	104.0	-65.3	99.9	999.9	99.9	99.9	99.9	397.1	999.9	99.9	999.9	999.9	999.9
51.5	127.0	15984.8	101.0	-65.3	99.9	999.9	99.9	99.9	99.9	400.4	999.9	99.9	999.9	999.9	999.9
52.1	128.0	16169.1	98.0	-63.6	99.9	999.9	99.9	99.9	99.9	407.1	999.9	99.9	999.9	999.9	999.9
52.8	129.0	16361.1	95.0	-61.2	99.9	999.9	99.9	99.9	99.9	415.6	999.9	99.9	999.9	999.9	999.9
53.4	130.0	16560.2	92.0	-61.3	99.9	999.9	99.9	99.9	99.9	419.1	999.9	99.9	999.9	999.9	999.9
54.3	131.0	16766.3	89.0	-60.5	99.9	999.9	99.9	99.9	99.9	424.8	999.9	99.9	999.9	999.9	999.9
54.8	132.0	16979.9	86.0	-60.6	99.9	999.9	99.9	99.9	99.9	428.7	999.9	99.9	999.9	999.9	999.9
55.5	133.0	17200.1	83.0	-62.2	99.9	999.9	99.9	99.9	99.9	429.9	999.9	99.9	999.9	999.9	999.9
56.2	134.0	17350.3	81.0	-63.5	99.9	999.9	99.9	99.9	99.9	430.3	999.9	99.9	999.9	999.9	999.9
57.0	135.0	17582.6	78.0	-62.6	99.9	999.9	99.9	99.9	99.9	436.8	999.9	99.9	999.9	999.9	999.9
57.9	136.0	17825.5	75.0	-61.0	99.9	999.9	99.9	99.9	99.9	445.1	999.9	99.9	999.9	999.9	999.9
58.8	137.0	18079.3	72.0	-60.6	99.9	999.9	99.9	99.9	99.9	451.0	999.9	99.9	999.9	999.9	999.9
59.7	138.0	18434.0	68.0	-62.0	99.9	999.9	99.9	99.9	99.9	455.5	999.9	99.9	999.9	999.9	999.9
60.7	139.0	18618.4	66.0	-62.4	99.9	999.9	99.9	99.9	99.9	458.6	999.9	99.9	999.9	999.9	999.9
61.6	140.0	18905.0	63.0	-63.3	99.9	999.9	99.9	99.9	99.9	462.8	999.9	99.9	999.9	999.9	999.9
62.7	141.0	19205.6	60.0	-62.4	99.9	999.9	99.9	99.9	99.9	471.3	999.9	99.9	999.9	999.9	999.9
63.7	142.0	19522.1	57.0	-62.6	99.9	999.9	99.9	99.9	99.9	477.8	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 311  
ATHENS, GA

6 FEBRUARY 1975  
2315 GMT

139 46. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.8	143.0	19854.4	54.0	-64.2	99.9	999.9	99.9	99.9	99.9	481.5	999.9	99.9	999.9	999.9	999.
66.2	144.0	20204.4	51.0	-64.0	99.9	999.9	99.9	99.9	99.9	489.9	999.9	99.9	999.9	999.9	999.
67.9	145.0	20449.7	49.0	-63.6	99.9	999.9	99.9	99.9	99.9	496.4	999.9	99.9	999.9	999.9	999.
69.5	146.0	20838.0	46.0	-62.9	99.9	999.9	99.9	99.9	99.9	507.2	999.9	99.9	999.9	999.9	999.

STATION NO. 311  
ATHENS, GA

7 FEBRUARY 1975  
555 GMT

149 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.1	246.0	984.4	3.1	-1.6	270.0	5.1	5.1	0.0	277.9	286.9	3.4	71.0	0.0	0.
0.2	9.0	331.9	974.0	1.7	-4.0	301.9	3.8	3.2	-2.0	277.3	284.9	2.9	65.9	0.4	98.
0.5	10.0	423.3	963.0	0.7	-4.0	301.9	3.8	3.2	-2.0	277.2	284.9	3.0	70.8	0.4	98.
1.0	11.0	532.3	950.0	-0.3	-4.0	289.0	7.5	7.1	-2.4	277.3	285.1	3.0	76.0	0.5	104.
1.3	12.0	625.4	939.0	-1.2	-3.7	290.4	9.0	8.4	-3.1	277.2	285.3	3.1	83.3	0.7	104.
1.6	13.0	727.9	927.0	-2.2	-3.9	293.8	9.8	9.0	-4.0	277.3	285.3	3.1	88.0	0.9	105.
2.0	14.0	822.6	916.0	-3.1	-3.9	305.2	9.3	7.6	-5.3	277.3	285.4	3.1	94.1	1.1	108.
2.3	15.0	909.5	906.0	-3.9	-4.3	311.0	9.3	7.0	-6.1	277.3	285.3	3.1	96.7	1.2	111.
2.8	16.0	1032.3	892.0	-5.0	-5.0	318.8	9.9	6.5	-7.4	277.5	285.2	3.0	99.8	1.5	115.
3.3	17.0	1129.8	881.0	-5.7	-6.2	323.5	11.9	7.1	-9.6	277.6	284.8	2.7	96.3	1.8	120.
3.6	18.0	1228.8	870.0	-3.0	-12.9	323.9	13.1	7.7	-10.6	281.4	285.9	1.6	46.3	2.0	123.
3.9	19.0	1320.7	860.0	-1.2	-15.5	321.3	13.3	8.3	-10.4	284.1	287.8	1.3	32.8	2.2	125.
4.3	20.0	1423.4	849.0	-0.8	-16.3	314.3	12.6	9.0	-8.8	285.6	289.2	1.3	29.6	2.5	127.
4.7	21.0	1546.7	836.0	-0.1	-17.0	305.2	12.6	10.3	-7.3	287.5	291.0	1.2	26.5	2.8	127.
5.1	22.0	1642.9	826.0	-0.9	-17.2	297.4	12.9	11.5	-6.0	287.7	291.1	1.2	27.7	3.1	127.
5.4	23.0	1749.8	815.0	-1.1	-18.2	292.6	11.9	11.0	-4.6	288.6	291.8	1.1	25.7	3.4	126.
5.8	24.0	1848.2	805.0	-1.7	-18.9	288.4	11.2	10.6	-3.5	288.9	292.0	1.1	25.4	3.6	124.
6.2	25.0	1947.4	795.0	-2.7	-19.7	287.8	12.0	11.5	-3.7	288.9	291.9	1.0	25.4	3.9	123.
6.7	26.0	2078.0	782.0	-3.3	-20.3	291.1	13.8	12.9	-5.0	289.6	292.5	1.0	25.4	4.3	122.
7.0	27.0	2169.4	773.0	-4.2	-20.7	294.0	13.9	12.7	-5.7	289.6	292.4	0.9	26.3	4.5	121.
7.4	28.0	2271.9	763.0	-4.8	-21.7	291.5	14.5	13.5	-5.3	290.0	292.6	0.9	25.1	4.8	121.
7.9	29.0	2375.5	753.0	-5.3	-24.0	290.6	15.3	14.3	-5.4	290.6	292.8	0.7	21.3	5.3	120.
8.2	30.0	2480.4	743.0	-5.9	-24.7	290.8	15.7	14.7	-5.6	291.0	293.1	0.7	20.9	5.6	119.
8.7	31.0	2597.0	732.0	-6.8	-25.7	291.2	16.2	15.1	-5.9	291.3	293.3	0.6	20.5	6.0	119.
9.1	32.0	2704.2	722.0	-7.5	-26.3	290.8	16.2	15.1	-5.7	291.6	293.5	0.6	20.5	6.5	118.
9.4	33.0	2801.7	713.0	-8.4	-27.0	289.3	15.9	15.0	-5.3	291.7	293.5	0.6	20.6	6.7	118.
9.8	34.0	2900.0	704.0	-9.4	-28.5	286.4	15.5	14.9	-4.4	291.6	293.2	0.5	19.3	7.1	118.
10.2	35.0	3010.4	694.0	-10.3	-30.0	283.5	15.5	15.1	-3.6	291.8	293.2	0.4	17.9	7.5	117.
10.7	36.0	3144.5	682.0	-11.3	-32.0	281.2	16.4	16.0	-3.2	292.2	293.4	0.4	16.1	7.9	116.
11.1	37.0	3246.2	673.0	-12.3	-33.8	280.6	17.5	17.2	-3.2	292.2	293.2	0.3	14.7	8.3	115.
11.4	38.0	3360.5	663.0	-12.6	-36.8	280.8	18.4	18.1	-3.4	293.1	293.9	0.2	11.0	8.6	115.
11.9	39.0	3464.7	654.0	-13.1	-36.8	280.9	19.9	19.6	-3.8	293.6	294.4	0.2	11.6	9.1	114.
12.3	40.0	3570.1	645.0	-13.8	-37.7	280.3	21.1	20.8	-3.8	294.0	294.7	0.2	11.1	9.6	113.
12.8	41.0	3700.6	634.0	-14.5	-39.2	278.4	22.0	21.8	-3.2	294.6	295.3	0.2	10.1	10.3	112.
13.2	42.0	3808.7	625.0	-15.5	-39.7	275.9	22.1	22.0	-2.3	294.7	295.3	0.2	10.2	10.8	112.
13.6	43.0	3918.0	616.0	-16.3	-40.0	273.3	21.8	21.8	-1.3	295.0	295.6	0.2	10.8	11.3	111.
14.0	44.0	4028.6	607.0	-17.0	-40.5	272.1	21.8	21.8	-0.8	295.4	296.0	0.2	10.9	11.8	110.
14.4	45.0	4140.5	598.0	-18.0	-41.1	273.3	22.8	22.8	-1.3	295.6	296.2	0.2	11.0	12.3	109.
14.8	46.0	4253.7	589.0	-18.7	-40.8	274.9	24.0	23.9	-2.0	296.1	296.7	0.2	12.1	12.8	109.
15.1	47.0	4355.5	581.0	-19.5	-41.4	275.8	24.9	24.8	-2.5	296.3	296.9	0.2	12.2	13.3	108.
15.5	48.0	4471.4	572.0	-20.1	-41.4	276.5	25.7	25.6	-2.9	296.8	297.4	0.2	12.3	13.9	108.
15.9	49.0	4588.7	563.0	-21.1	-42.5	276.3	26.4	26.2	-2.9	297.1	297.6	0.2	12.4	14.5	107.
16.3	50.0	4694.3	555.0	-21.3	-43.2	275.3	27.4	27.3	-2.5	298.0	298.5	0.1	11.9	15.1	107.
16.9	51.0	4828.4	545.0	-21.3	-44.0	272.6	30.1	30.1	-1.4	299.5	300.0	0.1	10.8	16.1	106.
17.3	52.0	4951.3	536.0	-20.9	-43.7	270.8	32.7	32.7	-0.4	301.4	301.9	0.1	10.8	16.8	105.

\* BY SPFFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TMFP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

7 FEBRUARY 1975  
555 GMT

149 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
17.7	53.0	5062.4	528.0	-21.1	-43.8	269.2	35.2	35.2	0.5	302.6	303.1	0.1	10.8	17.6	105.
18.1	54.0	5175.1	520.0	-21.2	-43.9	267.8	37.8	37.8	1.5	303.7	304.2	0.1	10.8	18.5	104.
18.6	55.0	5289.6	512.0	-21.1	-43.8	265.7	41.5	41.4	3.1	305.2	305.8	0.1	10.8	19.5	103.
19.1	56.0	5435.2	502.0	-21.1	-44.3	262.9	45.2	44.8	5.6	307.0	307.5	0.1	10.2	20.8	102.
19.6	57.0	5553.9	494.0	-20.9	-44.2	259.2	47.7	46.9	8.9	308.5	309.1	0.1	10.2	22.2	101.
20.0	58.0	5659.3	487.0	-21.2	-44.4	256.0	49.2	47.8	11.9	309.5	310.0	0.1	10.2	23.2	100.
20.4	59.0	5781.4	479.0	-21.7	-44.8	253.8	51.5	49.5	14.4	310.3	310.8	0.1	10.3	24.4	98.
20.8	60.0	5905.5	471.0	-21.5	-44.6	253.1	54.6	52.3	15.9	312.1	312.6	0.1	10.3	25.4	97.
21.2	61.0	6031.7	463.0	-21.7	-44.3	253.0	57.4	54.9	16.8	313.3	313.9	0.2	10.8	26.7	96.
21.7	62.0	6143.7	456.0	-22.7	-45.0	252.6	59.0	56.3	17.6	313.5	314.0	0.1	10.9	28.5	94.
22.1	63.0	6273.3	448.0	-23.7	-46.2	252.0	58.9	56.1	18.2	313.8	314.2	0.1	10.5	29.9	93.
22.5	64.0	6388.3	441.0	-23.9	-45.8	251.6	59.3	56.3	18.7	315.0	315.5	0.1	11.0	30.9	92.
23.0	65.0	6505.0	434.0	-24.4	-46.2	252.0	61.8	58.8	19.1	315.8	316.3	0.1	11.1	32.6	91.
23.4	66.0	6674.7	424.0	-24.8	-46.5	252.2	62.9*	59.9	19.3	317.4	317.9	0.1	11.1	34.2	90.
23.9	67.0	6795.7	417.0	-25.5	-46.2	251.9	64.3*	61.1	20.0	318.0	318.6	0.1	12.3	36.0	90.
24.2	68.0	6918.2	410.0	-26.6	-46.7	251.8	66.3*	62.9	20.7	318.1	318.6	0.1	12.9	37.0	89.
24.7	69.0	7042.3	403.0	-27.8	-46.9	251.7	70.8*	67.2	22.2	318.1	318.6	0.1	14.0	38.9	88.
25.1	70.0	7168.0	396.0	-28.5	-47.4	251.6	74.1*	70.4	23.4	318.8	319.3	0.1	14.1	40.8	87.
25.7	71.0	7313.9	388.0	-29.9	-48.5	251.2	74.8*	70.8	24.1	318.8	319.2	0.1	14.2	43.3	86.
26.1	72.0	7443.3	381.0	-30.9	-49.3	250.9	72.3*	68.3	23.6	319.2	319.7	0.1	14.3	45.2	86.
26.6	73.0	7574.7	374.0	-31.9	-49.8	250.9	67.2*	63.6	22.0	319.5	319.9	0.1	14.9	47.3	85.
27.1	74.0	7707.9	367.0	-33.0	-50.1	251.8	64.9*	61.6	20.3	319.9	320.3	0.1	16.0	48.8	85.
27.5	75.0	7823.6	361.0	-34.1	-50.5	252.6	66.2*	63.2	19.9	319.8	320.2	0.1	17.0	50.5	84.
28.1	76.0	7960.4	354.0	-34.9	-50.7	252.5	70.0*	66.7	21.1	320.5	320.9	0.1	18.0	52.9	84.
28.6	77.0	8099.5	347.0	-36.0	-48.1	251.8	71.4*	67.8	22.3	320.9	321.4	0.1	27.1	55.0	83.
29.1	78.0	8220.4	341.0	-36.9	-47.9	251.7	73.6*	69.9	23.1	321.3	321.8	0.1	30.6	57.2	83.
29.5	79.0	8343.2	335.0	-37.2	-48.5	252.3	78.1*	74.4	23.8	322.5	323.0	0.1	29.4	58.6	82.
30.1	80.0	8509.8	327.0	-38.4	-50.0	252.3	80.4*	76.6	24.5	323.1	323.5	0.1	27.9	61.7	82.
30.7	81.0	8679.7	319.0	-39.6	-51.3	250.6	72.1*	68.0	24.0	323.7	324.1	0.1	27.3	64.9	82.
31.2	82.0	8809.4	313.0	-40.4	99.9	249.3	69.2*	64.8	24.4	324.4	999.9	99.9	999.9	66.2	81.
31.7	83.0	8940.9	307.0	-41.7	99.9	249.2	74.3*	69.4	26.4	324.5	999.9	99.9	999.9	68.5	81.
32.3	84.0	9074.5	301.0	-42.6	99.9	249.5	83.3*	78.0	29.2	325.0	999.9	99.9	999.9	71.2	80.
32.8	85.0	9187.2	296.0	-44.0	99.9	250.1	87.0*	81.8	29.7	324.6	999.9	99.9	999.9	73.8	80.
33.4	86.0	9347.3	289.0	-45.6	99.9	250.3	80.8*	76.0	27.2	324.6	999.9	99.9	999.9	77.6	80.
33.9	87.0	9486.8	283.0	-46.9	99.9	249.7	70.4*	66.0	24.5	324.7	999.9	99.9	999.9	79.1	79.
34.3	88.0	9628.4	277.0	-48.3	99.9	249.2	65.2*	61.0	23.2	324.6	999.9	99.9	999.9	80.9	79.
34.8	89.0	9772.2	271.0	-49.6	99.9	249.1	63.7*	59.5	22.7	324.7	999.9	99.9	999.9	82.6	79.
35.2	90.0	9893.7	266.0	-51.0	99.9	249.5	66.5**	62.3	23.3	324.5	999.9	99.9	999.9	84.1	79.
35.7	91.0	10041.8	260.0	-52.2	99.9	250.1	74.2**	69.8	25.3	324.8	999.9	99.9	999.9	86.1	79.
36.1	92.0	10167.1	255.0	-53.6	99.9	250.7	81.7**	77.1	27.1	324.6	999.9	99.9	999.9	87.6	78.
36.6	93.0	10319.8	249.0	-54.5	99.9	251.7	89.2**	84.7	28.1	325.4	999.9	99.9	999.9	91.0	78.
37.0	94.0	10449.3	244.0	-56.0	99.9	252.4	93.1**	88.8	28.2	325.1	999.9	99.9	999.9	92.1	78.
37.5	95.0	10580.7	239.0	-57.0	99.9	252.4	91.1**	86.8	27.6	325.5	999.9	99.9	999.9	96.1	78.
38.1	96.0	10741.7	233.0	-56.8	99.9	250.3	78.7**	74.1	26.6	328.2	999.9	99.9	999.9	99.0	78.
38.6	97.0	10907.5	227.0	-55.7	99.9	247.1	69.3**	63.8	26.9	332.4	999.9	99.9	999.9	100.7	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

7 FEBRUARY 1975  
555 GMT

149 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
39.1	98.0	11021.1	223.0	-54.2	99.9	243.3	61.4**	54.8	27.6	336.3	999.9	99.9	999.9	103.1	77.
39.5	99.0	11166.4	218.0	-54.7	99.9	239.9	53.3**	46.1	26.7	337.7	999.9	99.9	999.9	104.3	77.
40.0	100.0	11314.7	213.0	-55.2	99.9	236.9	41.0**	34.4	22.4	339.2	999.9	99.9	999.9	105.6	77.
40.6	101.0	11497.2	207.0	-55.0	99.9	242.3	40.2**	35.6	18.7	342.3	999.9	99.9	999.9	106.9	76.
41.1	102.0	11621.8	203.0	-55.2	99.9	248.7	56.0**	52.2	20.3	343.9	999.9	99.9	999.9	107.1	76.
41.6	103.0	11780.7	198.0	-56.0	99.9	250.9	69.7**	65.9	22.8	345.1	999.9	99.9	999.9	110.1	76.
42.1	104.0	11942.9	193.0	-57.3	99.9	250.5	65.0**	61.3	21.8	345.5	999.9	99.9	999.9	112.8	76.
42.7	105.0	12075.3	189.0	-57.5	99.9	249.6	58.9**	55.2	20.6	347.3	999.9	99.9	999.9	114.2	76.
43.2	106.0	12244.5	184.0	-57.8	99.9	250.7	73.8**	69.6	24.5	349.5	999.9	99.9	999.9	115.5	76.
43.8	107.0	12383.3	180.0	-57.3	99.9	251.7	95.8**	90.9	30.1	352.5	999.9	99.9	999.9	119.1	76.
44.3	108.0	12525.5	176.0	-56.8	99.9	251.4	95.6**	90.6	30.5	355.6	999.9	99.9	999.9	122.9	76.
45.0	109.0	12671.5	172.0	-56.0	99.9	250.0	90.2**	84.7	30.8	359.3	999.9	99.9	999.9	125.1	76.
45.5	110.0	12859.1	167.0	-56.0	99.9	248.7	91.7**	85.4	33.3	362.3	999.9	99.9	999.9	128.9	75.
46.2	111.0	13052.3	162.0	-56.5	99.9	246.6	67.8**	62.2	26.9	364.7	999.9	99.9	999.9	132.8	75.
46.9	112.0	13210.7	158.0	-57.1	99.9	246.4	47.9**	43.9	19.2	366.2	999.9	99.9	999.9	134.4	75.
47.3	113.0	13331.8	155.0	-58.0	99.9	247.3	51.7**	47.7	19.9	366.7	999.9	99.9	999.9	135.5	75.
47.9	114.0	13496.3	151.0	-58.5	99.9	248.3	66.0**	61.3	24.4	368.6	999.9	99.9	999.9	137.0	75.
48.5	115.0	13664.9	147.0	-59.0	99.9	248.0	69.0**	64.0	25.8	370.6	999.9	99.9	999.9	140.9	75.
49.2	116.0	13831.5	142.0	-60.0	99.9	245.5	51.8**	47.1	21.5	372.4	999.9	99.9	999.9	142.8	75.
49.8	117.0	14014.6	139.0	-60.6	99.9	242.0	37.8**	33.4	17.8	373.8	999.9	99.9	999.9	144.3	75.
50.3	118.0	14196.0	135.0	-61.6	99.9	239.1	27.9**	24.0	14.3	375.0	999.9	99.9	999.9	145.7	74.
51.0	119.0	14382.1	131.0	-62.2	99.9	247.5	35.6**	32.9	13.6	377.3	999.9	99.9	999.9	145.2	74.
51.6	120.0	14525.2	128.0	-62.4	99.9	252.8	48.9**	46.7	14.5	379.5	999.9	99.9	999.9	147.5	74.
52.3	121.0	14671.6	125.0	-62.4	99.9	254.1	34.0**	32.7	9.3	382.0	999.9	99.9	999.9	150.0	74.
52.9	122.0	14872.3	121.0	-62.6	99.9	254.3	45.0**	43.4	12.2	385.3	999.9	99.9	999.9	149.7	74.
53.3	123.0	15027.0	118.0	-62.9	99.9	254.5	51.8**	49.9	13.9	387.4	999.9	99.9	999.9	152.4	74.
54.0	124.0	15185.6	115.0	-62.9	99.9	256.9	37.2**	36.2	8.4	390.2	999.9	99.9	999.9	155.0	74.
54.6	125.0	15348.4	112.0	-62.7	99.9	264.6	28.3**	28.2	2.6	393.5	999.9	99.9	999.9	154.5	74.
55.5	126.0	15572.8	108.0	-62.2	99.9	270.7	24.5**	24.5	-0.3	398.7	999.9	99.9	999.9	156.0	74.
56.2	127.0	15746.9	105.0	-62.2	99.9	257.9	36.5**	35.7	7.6	401.9	999.9	99.9	999.9	157.7	75.
56.9	128.0	15987.0	101.0	-62.0	99.9	255.2	44.5**	43.0	11.3	406.8	999.9	99.9	999.9	159.7	75.
57.5	129.0	16173.7	98.0	-61.5	99.9	257.9	41.5**	40.5	8.7	411.4	999.9	99.9	999.9	161.5	75.
58.1	130.0	16301.5	96.0	-61.8	99.9	255.0	44.6**	43.1	11.5	413.1	999.9	99.9	999.9	162.6	75.
59.0	131.0	16564.5	92.0	-62.6	99.9	248.8	60.5**	56.4	21.9	416.7	999.9	99.9	999.9	164.9	74.
59.6	132.0	16768.7	89.0	-63.1	99.9	248.4	50.5**	47.0	18.6	419.5	999.9	99.9	999.9	168.8	74.
60.3	133.0	16908.5	87.0	-63.3	99.9	250.6	35.8**	33.7	11.9	421.9	999.9	99.9	999.9	169.7	74.
61.0	134.0	17124.2	84.0	-63.3	99.9	253.9	31.7**	30.5	8.8	426.2	999.9	99.9	999.9	169.9	74.
61.5	135.0	17347.9	81.0	-62.9	99.9	254.4	40.2**	38.7	10.8	431.4	999.9	99.9	999.9	171.9	74.
62.4	136.0	17579.8	78.0	-63.9	99.9	254.4	57.5**	55.4	15.5	434.1	999.9	99.9	999.9	174.0	74.
63.1	137.0	17819.9	75.0	-64.4	99.9	254.4	40.3**	38.9	10.8	437.8	999.9	99.9	999.9	178.2	74.
64.1	138.0	18069.9	72.0	-63.7	99.9	254.4	57.6**	55.5	15.5	444.6	999.9	99.9	999.9	178.3	74.
64.8	139.0	18331.5	69.0	-62.9	99.9	254.4	88.2**	85.0	23.7	451.6	999.9	99.9	999.9	182.2	74.
65.7	140.0	18604.9	66.0	-63.5	99.9	254.1	21.6**	20.7	5.9	456.2	999.9	99.9	999.9	187.5	74.
66.6	141.0	18890.9	63.0	-62.9	99.9	80.1	20.9**	-20.6	-3.6	463.5	999.9	99.9	999.9	184.8	74.
67.5	142.0	19191.4	60.0	-62.9	99.9	238.9	20.4**	17.5	10.5	470.0	999.9	99.9	999.9	185.2	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

7 FEBRUARY 1975  
555 GMT

149 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
68.5	143.0	19506.1	57.0	-64.4	99.9	246.6	41.8**	38.4	16.6	473.6	999.9	99.9	999.9	18.0	74.
69.6	144.0	19837.5	54.0	-63.3	99.9	63.2	29.1**	-25.9	-13.1	483.6	999.9	99.9	999.9	181.2	74.
70.7	145.0	20070.2	52.0	-62.0	99.9	53.4	17.9**	-14.4	-10.7	491.8	999.9	99.9	999.9	186.0	74.
71.8	146.0	20436.4	49.0	-63.5	99.9	196.6	1.7**	0.5	1.7	496.7	999.9	99.9	999.9	184.1	74.
73.0	147.0	20823.5	46.0	-64.4	99.9	256.2	31.0**	30.2	7.4	503.5	999.9	99.9	999.9	187.7	74.
74.2	148.0	21095.3	44.0	-64.4	99.9	254.4	51.2**	49.3	13.8	510.0	999.9	99.9	999.9	190.0	74.
75.4	149.0	21528.2	41.0	-63.3	99.9	254.4	23.5**	22.6	6.3	523.2	999.9	99.9	999.9	193.4	74.
76.6	150.0	21994.2	38.0	-64.3	99.9	254.4	7.8**	7.5	2.1	532.3	999.9	99.9	999.9	194.2	74.
78.1	151.0	22326.1	36.0	-62.9	99.9	251.8	46.7**	44.3	14.6	544.0	999.9	99.9	999.9	192.8	74.
79.5	152.0	22860.0	33.0	-64.4	99.9	253.0	60.7**	58.0	17.8	553.7	999.9	99.9	999.9	201.1	74.
81.0	153.0	23243.6	31.0	-62.9	99.9	309.5	11.7**	9.1	-7.5	567.8	999.9	99.9	999.9	204.0	74.
83.1	154.0	23873.0	28.0	-61.1	99.9	258.7	42.1**	41.3	8.3	589.6	999.9	99.9	999.9	206.6	75.
85.0	155.0	24333.3	26.0	-61.1	99.9	264.2	37.0**	36.8	3.7	602.2	999.9	99.9	999.9	209.6	75.
87.2	156.0	25094.2	23.0	-61.5	99.9	999.9	99.9	99.9	99.9	622.7	999.9	99.9	999.9	999.9	999.

STATION NO. 311  
ATHENS, GA

7 FEBRUARY 1975  
1115 GMT

154 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	246.0	985.8	0.4	-4.0	270.0	6.7	6.7	0.0	275.0	282.5	2.9	72.0	0.0	0.
0.5	10.0	416.6	965.0	-1.4	-5.4	297.1	10.5	9.4	-4.8	274.9	281.8	2.7	74.4	0.4	104.
0.9	11.0	524.5	952.0	-2.3	-5.3	297.7	12.3	10.9	-5.7	275.0	282.0	2.7	80.0	0.7	109.
1.3	12.0	616.7	941.0	-3.6	-5.5	299.7	14.7	12.8	-7.3	274.6	281.6	2.7	86.4	1.0	112.
1.6	13.0	709.5	930.0	-4.4	-5.4	301.1	16.0	13.7	-8.3	274.8	281.9	2.7	92.2	1.3	114.
1.9	14.0	803.2	919.0	-5.1	-5.4	302.2	16.0	13.5	-8.5	274.9	282.1	2.8	97.5	1.6	115.
2.1	15.0	897.7	908.0	-6.2	-6.3	303.2	15.4	12.9	-8.4	274.8	281.6	2.6	99.2	1.8	116.
2.5	16.0	1010.5	895.0	-7.1	-7.1	306.0	13.1	10.6	-7.7	275.0	281.6	2.5	101.4	2.2	117.
2.9	17.0	1099.2	885.0	-0.8	-9.5	305.4	12.8	10.4	-7.4	282.3	288.1	2.1	51.4	2.4	119.
3.2	18.0	1199.2	874.0	-0.6	-11.4	303.6	13.0	10.8	-7.2	283.5	288.6	1.8	43.9	2.7	119.
3.6	19.0	1300.4	863.0	-0.6	-12.2	300.7	13.3	11.4	-6.8	284.5	289.3	1.7	41.0	3.0	119.
3.9	20.0	1393.5	853.0	-0.6	-12.4	299.3	13.1	11.4	-6.4	285.4	290.3	1.7	40.3	3.2	120.
4.3	21.0	1516.2	840.0	-0.8	-12.7	296.8	13.0	11.6	-5.9	286.5	291.3	1.7	39.8	3.5	119.
4.6	22.0	1611.8	830.0	-1.2	-13.3	294.4	13.1	11.9	-5.4	287.0	291.7	1.6	39.2	3.8	119.
4.9	23.0	1718.0	819.0	-1.7	-14.9	291.1	13.1	12.2	-4.7	287.6	291.8	1.5	35.6	4.0	119.
5.2	24.0	1815.7	809.0	-2.5	-15.4	287.2	12.5	12.0	-3.7	287.7	291.8	1.4	36.2	4.2	118.
5.5	25.0	1914.2	799.0	-3.4	-16.5	282.4	11.7	11.5	-2.5	287.8	291.6	1.3	35.6	4.5	118.
5.9	26.0	2023.7	788.0	-4.0	-17.1	279.1	11.3	11.2	-1.8	288.2	291.9	1.3	35.3	4.7	117.
6.3	27.0	2124.2	778.0	-5.0	-17.5	276.9	10.9	10.8	-1.3	288.3	291.9	1.2	36.7	5.0	116.
6.5	28.0	2225.9	768.0	-5.4	-18.3	275.9	10.7	10.6	-1.1	288.9	292.3	1.2	35.2	5.1	115.
6.9	29.0	2328.6	758.0	-6.0	-18.9	274.2	11.2	11.2	-0.8	289.3	292.6	1.1	35.2	5.3	114.
7.2	30.0	2432.4	748.0	-6.8	-21.5	273.6	11.8	11.8	-0.8	289.6	292.3	0.9	29.7	5.5	113.
7.5	31.0	2526.9	739.0	-7.1	-24.4	273.5	12.6	12.6	-0.8	290.2	292.4	0.7	23.5	5.7	113.
7.9	32.0	2622.3	730.0	-7.7	-27.4	274.2	13.9	13.9	-1.0	290.6	292.2	0.5	18.7	6.0	112.
8.3	33.0	2729.6	720.0	-7.8	-29.0	274.8	15.1	15.0	-1.3	291.5	293.0	0.5	16.3	6.3	111.
8.7	34.0	2827.3	711.0	-7.9	-29.4	275.2	16.0	16.0	-1.5	292.4	293.9	0.5	15.8	6.7	110.
9.0	35.0	2926.2	702.0	-8.5	-31.3	275.4	16.6	16.6	-1.6	292.8	294.1	0.4	13.8	7.0	109.
9.4	36.0	3059.9	690.0	-8.5	-32.1	276.1	17.4	17.3	-1.8	294.3	295.5	0.4	12.8	7.4	108.
9.8	37.0	3172.9	680.0	-9.3	-32.2	277.0	18.2	18.1	-2.2	294.7	295.9	0.4	13.4	7.8	108.
10.2	38.0	3275.8	671.0	-10.0	-32.4	277.7	18.8	18.7	-2.5	295.0	296.2	0.4	13.9	8.2	107.
10.5	39.0	3379.7	662.0	-11.0	-33.1	278.1	19.1	18.9	-2.7	295.0	296.1	0.3	14.0	8.6	107.
10.8	40.0	3473.0	654.0	-11.7	-34.0	277.6	19.1	18.9	-2.5	295.2	296.3	0.3	13.6	9.0	107.
11.3	41.0	3614.7	642.0	-12.1	-34.4	276.1	19.0	18.9	-2.0	296.3	297.3	0.3	13.6	9.5	106.
11.6	42.0	3722.6	633.0	-12.6	-34.7	275.0	19.0	18.9	-1.7	297.0	298.0	0.3	13.7	9.8	106.
11.9	43.0	3819.6	625.0	-12.8	-33.8	274.0	18.9	18.8	-1.3	297.8	298.9	0.3	15.2	10.2	105.
12.3	44.0	3930.2	616.0	-13.0	-33.0	273.7	19.1	19.0	-1.2	298.9	300.1	0.4	16.7	10.6	105.
12.7	45.0	4042.3	607.0	-13.3	-33.5	274.2	20.0	19.9	-1.5	299.8	301.0	0.4	16.2	11.0	104.
13.0	46.0	4143.3	599.0	-13.5	-34.0	274.9	21.1	21.1	-1.8	300.6	301.8	0.4	15.8	11.3	104.
13.3	47.0	4258.3	590.0	-14.2	-34.3	275.1	22.3	22.3	-2.0	301.1	302.3	0.3	16.3	11.8	104.
13.8	48.0	4374.6	581.0	-15.3	-35.1	275.2	23.4	23.3	-2.1	301.1	302.2	0.3	16.4	12.5	103.
14.2	49.0	4479.2	573.0	-16.2	-35.8	275.2	23.3	23.2	-2.1	301.3	302.4	0.3	16.5	13.1	103.
14.6	50.0	4584.9	565.0	-16.7	-36.5	275.3	23.0	22.9	-2.1	301.9	302.9	0.3	16.0	13.6	103.
15.1	51.0	4718.7	555.0	-18.1	-37.9	275.8	23.1	23.0	-2.3	301.8	302.7	0.3	15.7	14.3	102.
15.5	52.0	4827.0	547.0	-18.9	-38.8	275.9	23.8	23.7	-2.4	302.1	302.9	0.2	15.2	14.9	102.
15.9	53.0	4950.4	538.0	-19.7	-39.4	275.3	25.5	25.4	-2.3	302.6	303.4	0.2	15.3	15.4	102.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

7 FEBRUARY 1975  
1115 GMT

154 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.2	54.0	5047.5	531.0	-20.7	-39.6	274.6	27.1	27.0	-2.2	302.6	303.4	0.2	16.4	15.8	102.
16.7	55.0	5159.6	523.0	-21.3	-40.4	272.9	29.4	29.3	-1.5	303.1	303.8	0.2	15.9	16.7	101.
17.1	56.0	5301.8	513.0	-22.3	-41.4	270.8	29.9	29.9	-0.4	303.6	304.3	0.2	15.5	17.5	101.
17.5	57.0	5417.1	505.0	-23.1	-41.7	267.7	28.7	28.7	1.2	304.0	304.7	0.2	16.1	18.3	101.
17.9	58.0	5534.0	497.0	-23.6	-41.9	264.7	27.9	27.8	2.6	304.8	305.4	0.2	16.6	18.9	100.
18.2	59.0	5637.5	490.0	-24.3	-42.1	263.8	29.0	28.8	3.1	305.2	305.8	0.2	17.1	19.3	99.
18.7	60.0	5757.4	482.0	-24.8	-42.6	264.0	32.7	32.5	3.4	306.0	306.6	0.2	17.2	20.0	99.
19.1	61.0	5863.7	475.0	-25.6	-43.2	264.4	35.6	35.4	3.4	306.3	306.9	0.2	17.3	21.0	98.
19.4	62.0	5986.7	467.0	-26.2	-43.5	264.3	36.3	36.1	3.6	307.0	307.5	0.2	17.8	21.7	98.
19.8	63.0	6095.9	460.0	-26.4	-44.1	263.7	35.8	35.6	3.9	308.1	308.7	0.2	16.9	22.5	97.
20.2	64.0	6222.4	452.0	-27.8	-45.0	263.0	35.3	35.0	4.3	307.8	308.4	0.1	17.4	23.3	97.
20.7	65.0	6318.2	446.0	-28.7	-46.0	262.3	36.6	36.2	4.9	307.9	308.3	0.1	17.1	24.3	96.
21.1	66.0	6480.3	436.0	-29.7	-47.2	261.9	39.6	39.2	5.6	308.7	309.1	0.1	16.2	25.1	96.
21.4	67.0	6595.6	429.0	-30.3	-47.7	261.6	42.9	42.5	6.3	309.3	309.7	0.1	16.2	25.8	95.
21.9	68.0	6712.4	422.0	-31.1	-48.4	260.3	47.0	46.3	7.9	309.7	310.1	0.1	16.3	27.2	95.
22.2	69.0	6830.9	415.0	-31.5	-48.9	259.2	47.5	46.7	8.9	310.7	311.1	0.1	15.9	28.1	94.
22.8	70.0	6951.1	408.0	-32.2	-49.2	257.6	45.9	44.7	9.8	311.4	311.7	0.1	16.4	29.7	93.
23.3	71.0	7108.3	399.0	-33.1	-49.7	257.5	44.2	43.1	9.5	312.1	312.5	0.1	17.0	31.0	92.
23.7	72.0	7214.6	393.0	-34.2	-50.3	257.7	43.8	42.8	9.3	312.1	312.5	0.1	17.5	32.1	92.
24.1	73.0	7340.1	386.0	-35.2	-51.2	257.5	43.9	42.9	9.5	312.3	312.6	0.1	17.6	33.0	92.
24.6	74.0	7467.5	379.0	-36.0	-51.8	256.6	44.1	42.9	10.2	312.9	313.2	0.1	17.7	34.3	91.
25.0	75.0	7596.8	372.0	-36.7	-52.1	255.7	44.0	42.6	10.8	313.7	314.0	0.1	18.2	35.6	91.
25.3	76.0	7709.3	366.0	-37.1	-52.3	255.5	45.0	43.6	11.3	314.6	314.9	0.1	18.7	36.1	90.
25.8	77.0	7842.7	359.0	-37.6	-52.9	256.0	48.8	47.3	11.8	315.6	315.9	0.1	18.3	37.4	90.
26.2	78.0	7958.9	353.0	-38.0	-53.2	256.8	53.6	52.1	12.2	316.6	316.9	0.1	18.3	38.6	89.
26.7	79.0	8076.9	347.0	-38.0	-53.0	257.2	59.8	58.3	13.3	318.2	318.5	0.1	18.7	40.2	89.
26.9	80.0	8197.0	341.0	-38.3	-53.9	257.0	62.0	60.4	13.9	319.4	319.7	0.1	17.4	41.0	89.
27.5	81.0	8339.6	334.0	-38.6	-53.7	255.5	66.1*	64.0	16.6	320.9	321.2	0.1	18.3	43.2	88.
28.0	82.0	8484.8	327.0	-39.5	-54.5	254.0	67.1*	64.5	18.5	321.6	321.8	0.1	18.4	45.3	87.
28.5	83.0	8611.3	321.0	-40.5	99.9	253.0	67.3*	64.4	19.6	322.0	999.9	99.9	999.9	47.3	87.
29.0	84.0	8739.6	315.0	-41.4	99.9	252.4	67.4*	64.2	20.4	322.4	999.9	99.9	999.9	49.0	86.
29.5	85.0	8869.9	309.0	-42.3	99.9	251.2	65.2*	61.7	21.0	323.1	999.9	99.9	999.9	51.3	86.
30.1	86.0	9024.4	302.0	-43.7	99.9	249.9	62.0*	58.2	21.3	323.2	999.9	99.9	999.9	53.4	85.
30.6	87.0	9136.3	297.0	-45.1	99.9	250.4	64.0*	60.3	21.5	322.8	999.9	99.9	999.9	54.9	84.
31.0	88.0	9272.3	291.0	-46.1	99.9	251.5	68.1*	64.6	21.6	323.2	999.9	99.9	999.9	56.6	84.
31.5	89.0	9410.5	285.0	-47.4	99.9	252.0	69.6*	66.2	21.5	323.3	999.9	99.9	999.9	58.7	84.
32.0	90.0	9551.1	279.0	-48.0	99.9	251.5	65.6*	62.2	20.9	324.4	999.9	99.9	999.9	60.9	83.
32.4	91.0	9670.1	274.0	-48.7	99.9	251.2	62.4*	59.0	20.2	325.1	999.9	99.9	999.9	62.2	83.
32.9	92.0	9815.6	268.0	-49.1	99.9	251.1	60.4*	57.1	19.6	326.5	999.9	99.9	999.9	63.9	83.
33.5	93.0	9939.1	263.0	-49.3	99.9	250.2	59.3*	55.8	20.0	328.0	999.9	99.9	999.9	66.4	82.
33.9	94.0	10064.9	258.0	-49.4	99.9	248.5	57.0*	53.0	20.9	329.6	999.9	99.9	999.9	67.2	82.
34.4	95.0	10218.6	252.0	-50.8	99.9	246.5	53.0*	48.6	21.1	329.8	999.9	99.9	999.9	69.6	82.
34.9	96.0	10375.6	246.0	-50.8	99.9	247.4	54.4*	50.2	20.9	332.1	999.9	99.9	999.9	70.3	81.
35.3	97.0	10509.4	241.0	-50.6	99.9	250.1	62.7*	58.9	21.4	334.3	999.9	99.9	999.9	71.4	81.
35.8	98.0	10645.8	236.0	-51.2	99.9	252.5	73.6*	70.2	22.1	335.4	999.9	99.9	999.9	73.8	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311  
ATHENS, GA

7 FEBRUARY 1975  
1115 GMT

154 14. 0

TIME MIN	CNTCT	HEIGHT GPM	FRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.3	99.0	10784.6	231.0	-52.5	99.9	253.6	76.4*	73.3	21.6	335.6	999.9	99.9	999.9	76.4	81.
36.5	100.0	10925.6	226.0	-54.1	99.9	253.9	75.8*	72.8	21.0	335.3	999.9	99.9	999.9	77.4	80.
37.1	101.0	11098.5	220.0	-53.4	99.9	254.9	71.6*	69.2	18.6	338.8	999.9	99.9	999.9	79.8	80.
37.6	102.0	11246.5	215.0	-53.3	99.9	255.9	73.6*	71.4	17.9	341.3	999.9	99.9	999.9	81.8	80.
38.1	103.0	11367.3	211.0	-53.9	99.9	256.3	74.8*	72.7	17.8	342.2	999.9	99.9	999.9	84.0	80.
38.7	104.0	11521.3	206.0	-54.1	99.9	255.4	62.2*	60.2	15.7	344.3	999.9	99.9	999.9	87.3	80.
39.2	105.0	11647.6	202.0	-52.3	99.9	254.6	51.1*	49.3	13.6	345.9	999.9	99.9	999.9	88.5	80.
39.7	106.0	11809.6	197.0	-52.6	99.9	255.2	50.6*	48.9	12.9	350.9	999.9	99.9	999.9	89.4	80.
40.2	107.0	11941.9	193.0	-53.3	99.9	256.3	53.2*	51.7	12.6	352.0	999.9	99.9	999.9	91.5	80.
40.8	108.0	12076.8	189.0	-53.4	99.9	256.4	51.1*	49.7	12.0	353.9	999.9	99.9	999.9	93.4	80.
41.3	109.0	12249.1	184.0	-54.1	99.9	256.2	55.0*	53.4	13.1	355.6	999.9	99.9	999.9	94.5	80.
41.8	110.0	12389.9	180.0	-54.9	99.9	256.2	64.3*	62.4	15.4	356.5	999.9	99.9	999.9	96.4	80.
42.5	111.0	12570.2	175.0	-54.4	99.9	256.5	69.5*	67.5	16.3	360.2	999.9	99.9	999.9	99.6	79.
43.1	112.0	12718.5	171.0	-54.2	99.9	256.6	65.3*	63.5	15.1	362.8	999.9	99.9	999.9	102.1	79.
43.6	113.0	12870.0	167.0	-54.9	99.9	256.7	66.4*	64.6	15.3	364.2	999.9	99.9	999.9	103.5	79.
44.2	114.0	13024.7	163.0	-55.8	99.9	256.6	68.5*	66.7	15.9	365.1	999.9	99.9	999.9	106.4	79.
44.8	115.0	13182.8	159.0	-56.0	99.9	255.9	65.4*	63.4	15.9	367.5	999.9	99.9	999.9	108.6	79.
45.4	116.0	13385.6	154.0	-57.0	99.9	254.8	57.3*	55.3	15.1	369.1	999.9	99.9	999.9	111.3	79.
46.0	117.0	13552.1	150.0	-57.3	99.9	253.5	44.7*	42.9	12.7	371.3	999.9	99.9	999.9	113.0	79.
46.5	118.0	13679.8	147.0	-57.5	99.9	252.5	38.4*	36.6	11.6	373.2	999.9	99.9	999.9	114.0	79.
47.1	119.0	13853.8	143.0	-58.0	99.9	253.0	41.0*	39.2	12.0	375.3	999.9	99.9	999.9	115.4	79.
47.7	120.0	14032.3	139.0	-58.9	99.9	255.4	50.4*	48.8	12.7	376.8	999.9	99.9	999.9	116.7	79.
48.2	121.0	14169.2	136.0	-59.0	99.9	255.8	56.3*	54.6	13.8	378.9	999.9	99.9	999.9	118.5	79.
48.8	122.0	14356.1	132.0	-59.7	99.9	254.4	54.2*	52.2	14.5	380.9	999.9	99.9	999.9	120.9	79.
49.3	123.0	14499.5	129.0	-60.6	99.9	254.6	53.3**	51.4	14.2	381.8	999.9	99.9	999.9	122.2	79.
49.7	124.0	14645.8	126.0	-61.1	99.9	256.8	61.7**	60.1	14.1	383.4	999.9	99.9	999.9	123.3	79.
50.2	125.0	14845.5	122.0	-62.6	99.9	258.6	68.3**	67.0	13.5	384.3	999.9	99.9	999.9	125.3	79.
51.0	126.0	14998.9	119.0	-63.0	99.9	999.9	99.9	99.9	99.9	386.3	999.9	99.9	999.9	999.9	999.
51.6	127.0	15209.5	115.0	-62.8	99.9	999.9	99.9	99.9	99.9	390.5	999.9	99.9	999.9	999.9	999.
52.2	128.0	15371.9	112.0	-63.9	99.9	999.9	99.9	99.9	99.9	391.3	999.9	99.9	999.9	999.9	999.
52.9	129.0	15538.1	109.0	-64.3	99.9	999.9	99.9	99.9	99.9	393.6	999.9	99.9	999.9	999.9	999.
53.5	130.0	15708.7	106.0	-64.5	99.9	999.9	99.9	99.9	99.9	396.4	999.9	99.9	999.9	999.9	999.
54.3	131.0	15943.9	102.0	-64.3	99.9	999.9	99.9	99.9	99.9	401.2	999.9	99.9	999.9	999.9	999.
54.9	132.0	16126.5	99.0	-64.3	99.9	999.9	99.9	99.9	99.9	404.6	999.9	99.9	999.9	999.9	999.
55.5	133.0	16314.8	96.0	-64.1	99.9	999.9	99.9	99.9	99.9	408.6	999.9	99.9	999.9	999.9	999.
56.1	134.0	16509.5	93.0	-63.6	99.9	999.9	99.9	99.9	99.9	413.4	999.9	99.9	999.9	999.9	999.
56.7	135.0	16710.6	90.0	-63.9	99.9	999.9	99.9	99.9	99.9	416.6	999.9	99.9	999.9	999.9	999.
57.5	136.0	16918.5	87.0	-63.6	99.9	999.9	99.9	99.9	99.9	421.4	999.9	99.9	999.9	999.9	999.
58.3	137.0	17133.8	84.0	-63.9	99.9	999.9	99.9	99.9	99.9	424.9	999.9	99.9	999.9	999.9	999.
59.2	138.0	17356.6	81.0	-64.1	99.9	999.9	99.9	99.9	99.9	428.9	999.9	99.9	999.9	999.9	999.
60.0	139.0	17588.5	78.0	-62.6	99.9	999.9	99.9	99.9	99.9	436.7	999.9	99.9	999.9	999.9	999.
60.8	140.0	17912.8	74.0	-63.0	99.9	999.9	99.9	99.9	99.9	442.6	999.9	99.9	999.9	999.9	999.
61.7	141.0	18166.9	71.0	-64.1	99.9	999.9	99.9	99.9	99.9	445.4	999.9	99.9	999.9	999.9	999.
62.7	142.0	18431.2	68.0	-64.1	99.9	999.9	99.9	99.9	99.9	450.9	999.9	99.9	999.9	999.9	999.
63.5	143.0	18708.6	65.0	-62.4	99.9	999.9	99.9	99.9	99.9	460.5	999.9	99.9	999.9	999.9	999.

\* BY SPFFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TFMF MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPFFD MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 311  
ATHENS, GA

7 FEBRUARY 1975  
1115 GMT

154 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.5	144.0	19000.4	62.0	-62.2	99.9	999.9	99.9	99.9	99.9	467.2	999.9	99.9	999.9	999.9	999.
65.4	145.0	19203.0	60.0	-62.1	99.9	79.3	1.6	-1.5	-0.3	472.0	999.9	99.9	999.9	158.9	79.
66.4	146.0	19519.6	57.0	-62.8	99.9	265.4	13.6**	13.6	1.1	477.3	999.9	99.9	999.9	159.1	79.
67.4	147.0	19852.8	54.0	-62.8	99.9	264.0	38.8*	38.6	4.0	484.7	999.9	99.9	999.9	161.2	79.
68.4	148.0	20205.2	51.0	-62.4	99.9	253.1	46.0*	44.0	13.3	493.6	999.9	99.9	999.9	163.8	79.
69.4	149.0	20579.6	48.0	-62.2	99.9	254.6	49.5*	47.7	13.2	502.7	999.9	99.9	999.9	166.5	79.
70.5	150.0	20842.1	46.0	-63.0	99.9	251.0	12.6*	11.9	4.1	507.0	999.9	99.9	999.9	168.5	79.
71.6	151.0	21256.3	43.0	-63.9	99.9	111.5	5.2*	-4.8	1.9	514.6	999.9	99.9	999.9	168.9	79.
72.8	152.0	21700.1	40.0	-63.4	99.9	254.1	13.3*	12.8	3.6	526.7	999.9	99.9	999.9	169.0	79.
74.1	153.0	22180.2	37.0	-62.4	99.9	246.0	12.4*	11.3	5.0	541.0	999.9	99.9	999.9	171.1	79.
75.5	154.0	22523.4	35.0	-62.2	99.9	259.7	23.7*	23.4	4.2	550.2	999.9	99.9	999.9	171.8	79.
76.9	155.0	23074.8	32.0	-63.9	99.9	266.1	25.8*	25.8	1.7	559.9	999.9	99.9	999.9	173.5	79.
78.3	156.0	23471.2	30.0	-63.0	99.9	258.9	21.4*	21.0	4.1	572.9	999.9	99.9	999.9	176.3	79.
79.9	157.0	24121.5	27.0	-61.9	99.9	255.8	48.9*	47.4	12.0	593.6	999.9	99.9	999.9	178.5	79.
81.7	158.0	24852.0	24.0	-61.0	99.9	265.7	25.5*	25.5	1.9	616.6	999.9	99.9	999.9	185.3	79.
83.5	159.0	25681.9	21.0	-61.0	99.9	252.6	33.1*	31.6	9.9	640.6	999.9	99.9	999.9	186.8	79.
85.3	160.0	26307.3	19.0	-58.7	99.9	262.4	17.3*	17.1	2.3	666.3	999.9	99.9	999.9	188.8	79.
87.4	161.0	27389.1	16.0	-57.8	99.9	259.1	46.8*	46.0	8.9	702.6	999.9	99.9	999.9	193.4	79.
89.6	162.0	28231.3	14.0	-57.8	99.9	999.9	99.9	99.9	99.9	730.0	999.9	99.9	999.9	999.9	999.

STATION NO. 317  
GREENSBORO, NC

5 FEBRUARY 1975  
2315 GMT

154 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	275.0	978.4	1.7	1.6	230.0	3.1	2.4	2.0	277.1	285.3	4.4	99.0	0.0	0.
0.3	8.0	352.7	969.0	0.5	-0.2	313.9	2.2	1.6	-1.5	276.6	286.5	3.9	94.9	0.5	58.
0.7	9.0	444.4	958.0	-0.0	-0.7	274.7	3.6	3.6	-0.3	277.0	286.7	3.8	94.8	0.5	61.
1.0	10.0	553.9	945.0	-0.0	-0.7	256.8	6.8	6.6	1.5	278.1	288.0	3.8	94.8	0.5	65.
1.3	11.0	647.9	934.0	0.6	-0.1	251.2	11.2	10.6	3.6	279.7	290.3	4.1	94.9	0.7	66.
1.7	12.0	743.1	923.0	0.2	-0.6	251.0	15.4	14.6	5.0	280.1	290.5	4.0	94.9	1.0	67.
2.0	13.0	830.4	913.0	-0.3	-1.1	252.9	17.4	16.6	5.1	280.5	290.6	3.9	94.8	1.3	68.
2.3	14.0	928.9	902.0	6.9	6.2	255.5	18.9	18.3	4.7	289.2	306.7	6.6	95.9	1.7	69.
2.6	15.0	1039.4	890.0	8.3	3.5	257.5	19.9	19.5	4.3	291.7	306.6	5.6	72.0	2.0	71.
3.0	16.0	1151.9	878.0	9.7	1.1	259.2	19.9	19.6	3.7	294.2	307.2	4.7	55.0	2.5	72.
3.3	17.0	1247.0	868.0	9.2	0.0	260.0	20.1	19.8	3.5	294.6	306.7	4.4	52.7	2.8	73.
3.7	18.0	1352.6	857.0	8.3	-0.7	260.5	20.6	20.4	3.4	294.7	306.4	4.3	53.2	3.3	74.
4.0	19.0	1449.4	847.0	7.4	-2.4	260.5	21.3	21.0	3.5	294.7	305.2	3.8	49.7	3.7	75.
4.3	20.0	1566.8	835.0	6.5	-2.5	260.3	20.8	20.5	3.5	294.9	305.5	3.8	52.3	4.1	75.
4.7	21.0	1675.4	824.0	5.5	-3.4	260.2	20.1	19.8	3.4	294.9	305.1	3.6	52.9	4.6	76.
5.0	22.0	1775.2	814.0	4.8	-3.6	260.1	19.4	19.1	3.3	295.2	305.3	3.6	54.5	4.9	76.
5.4	23.0	1875.8	804.0	3.8	-4.2	259.5	20.1	19.7	3.7	295.2	305.0	3.5	56.0	5.4	77.
5.7	24.0	1977.4	794.0	3.1	-4.6	261.3	20.7	20.5	3.1	295.5	305.1	3.4	56.7	5.8	77.
6.1	25.0	2100.7	782.0	2.3	-6.3	265.1	21.4	21.4	1.8	295.9	304.5	3.0	52.9	6.3	77.
6.4	26.0	2204.6	772.0	1.4	-8.7	268.6	21.4	21.4	0.5	296.0	303.4	2.6	46.8	6.7	78.
6.8	27.0	2309.5	762.0	1.3	-18.4	266.3	24.3	24.3	1.6	296.8	300.3	1.2	21.3	7.2	79.
7.1	28.0	2415.6	752.0	0.6	-21.8	264.0	27.0	26.9	2.8	297.1	299.8	0.9	16.6	7.6	79.
7.4	29.0	2522.9	742.0	0.2	-33.5	262.7	29.1	28.8	3.7	297.7	298.7	0.3	5.8	8.2	79.
7.7	30.0	2620.6	733.0	-0.2	-50.1	261.7	30.7	30.4	4.4	298.3	298.5	0.1	1.0	8.7	79.
8.1	31.0	2730.5	723.0	0.3	-49.8	260.5	32.3	31.9	5.4	300.0	300.2	0.1	1.0	9.5	80.
8.4	32.0	2830.9	714.0	0.6	-49.6	259.1	33.0	32.4	6.2	301.5	301.7	0.1	1.0	10.1	80.
8.8	33.0	2944.0	704.0	0.5	-49.7	256.1	33.3	32.3	8.0	302.5	302.7	0.1	1.0	10.9	80.
9.1	34.0	3047.1	695.0	0.2	-49.9	253.6	33.3	31.9	9.4	303.3	303.5	0.1	1.0	11.5	80.
9.5	35.0	3174.5	684.0	-1.0	-50.6	250.1	33.2	31.2	11.3	303.4	303.6	0.1	1.0	12.3	79.
9.9	36.0	3291.8	674.0	-1.7	-51.0	248.6	32.9	30.7	12.0	303.8	304.0	0.0	1.0	13.1	78.
10.2	37.0	3398.4	665.0	-2.8	-51.7	248.4	32.5	30.2	12.0	303.7	303.9	0.0	1.0	13.7	78.
10.5	38.0	3518.2	655.0	-3.8	-52.3	248.5	32.0	29.8	11.7	304.0	304.2	0.0	1.0	14.3	77.
10.9	39.0	3615.0	647.0	-4.8	-53.0	249.5	31.2	29.2	10.9	303.9	304.0	0.0	1.0	15.0	77.
11.2	40.0	3749.5	636.0	-5.9	-53.6	250.7	30.9	29.1	10.2	304.2	304.3	0.0	1.0	15.5	77.
11.6	41.0	3860.9	627.0	-6.8	-54.2	252.9	30.8	29.5	9.1	304.4	304.5	0.0	1.0	16.3	76.
11.9	42.0	3973.5	618.0	-7.8	-54.9	255.0	31.2	30.1	8.0	304.5	304.6	0.0	1.0	16.8	76.
12.2	43.0	4087.3	609.0	-8.7	-55.4	257.4	31.8	31.0	6.9	304.7	304.9	0.0	1.0	17.4	76.
12.5	44.0	4189.5	601.0	-9.6	-56.0	259.9	32.6	32.1	5.7	304.9	305.0	0.0	1.0	18.0	76.
12.9	45.0	4305.8	592.0	-10.7	-56.7	262.4	34.6	34.3	4.6	304.9	305.0	0.0	1.0	18.7	76.
13.1	46.0	4410.3	584.0	-11.3	-57.1	263.1	35.8	35.5	4.3	305.4	305.5	0.0	1.0	19.1	77.
13.5	47.0	4529.2	575.0	-12.1	-57.6	263.5	38.4	38.1	4.3	305.7	305.8	0.0	1.0	20.0	77.
13.8	48.0	4636.3	567.0	-12.3	-57.7	262.0	39.5	39.1	5.5	306.8	306.9	0.0	1.0	20.7	77.
14.1	49.0	4744.8	559.0	-12.4	-57.8	260.2	40.3	39.7	6.9	307.9	308.0	0.0	1.0	21.5	78.
14.4	50.0	4882.5	549.0	-13.0	-57.7	257.6	40.4	39.4	8.7	308.8	308.9	0.0	1.1	22.3	78.
14.9	51.0	5008.6	540.0	-12.4	-57.8	252.9	40.2	38.4	11.8	310.9	311.0	0.0	1.0	23.4	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPFED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

5 FEBRUARY 1975  
2315 GMT

154 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.2	52.0	5122.5	532.0	-12.8	-57.7	250.6	40.3	38.0	13.4	311.8	311.9	0.0	1.0	24.1	77.
15.6	53.0	5237.8	524.0	-14.0	-57.6	248.1	40.8	37.9	15.2	311.8	311.9	0.0	1.2	25.1	77.
16.0	54.0	5354.4	516.0	-14.8	-57.5	246.8	41.3	38.0	16.3	312.1	312.2	0.0	1.3	26.0	76.
16.3	55.0	5487.3	507.0	-15.8	-57.5	246.4	41.3	37.8	16.5	312.5	312.6	0.0	1.4	26.8	76.
16.8	56.0	5607.1	499.0	-16.6	-57.6	246.0	41.2	37.6	16.8	312.9	313.1	0.0	1.4	28.1	76.
17.1	57.0	5728.2	491.0	-17.7	-57.7	246.0	41.2	37.6	16.8	313.1	313.2	0.0	1.6	28.2	76.
17.6	58.0	5851.0	483.0	-18.4	-57.8	246.6	41.3	37.9	16.4	313.7	313.8	0.0	1.6	30.0	75.
17.9	59.0	5959.7	476.0	-19.6	-58.0	247.2	41.1	37.9	15.9	313.5	313.6	0.0	1.8	30.8	75.
18.2	60.0	6085.4	468.0	-20.5	-58.2	247.9	41.0*	38.0	15.4	313.8	314.0	0.0	1.9	31.5	75.
18.7	61.0	6196.6	461.0	-21.7	-50.9	249.1	41.1*	38.4	14.7	313.7	314.0	0.1	5.1	32.6	75.
19.0	62.0	6309.0	454.0	-22.9	-47.8	249.7	41.6*	39.0	14.5	313.6	314.0	0.1	8.2	33.3	74.
19.4	63.0	6439.0	446.0	-24.0	-48.5	250.1	42.7*	40.1	14.5	313.8	314.2	0.1	8.3	34.4	74.
19.9	64.0	6554.3	439.0	-24.8	-47.9	250.6	43.7*	41.2	14.5	314.2	314.6	0.1	9.5	35.7	74.
20.2	65.0	6687.9	431.0	-25.7	-48.6	250.8	44.2*	41.7	14.5	314.7	315.1	0.1	9.6	36.5	74.
20.7	66.0	6823.3	423.0	-26.9	-49.4	251.0	44.9*	42.5	14.7	314.9	315.2	0.1	9.7	37.8	74.
21.0	67.0	6943.4	416.0	-28.1	-45.5	250.9	45.5*	43.0	14.9	314.9	315.4	0.2	17.0	38.7	74.
21.4	68.0	7064.9	409.0	-29.2	-43.0	250.5	47.0*	44.3	15.7	315.0	315.8	0.2	24.7	39.7	74.
21.8	69.0	7188.2	402.0	-29.8	-42.6	249.9	49.2*	46.2	16.9	315.7	316.5	0.2	27.2	40.9	74.
22.1	70.0	7331.1	394.0	-30.9	-43.6	249.4	51.1*	47.8	18.0	316.2	316.9	0.2	27.3	41.8	74.
22.6	71.0	7458.1	387.0	-31.9	-44.5	248.9	54.8*	51.1	19.8	316.4	317.1	0.2	27.3	43.3	73.
23.0	72.0	7586.7	380.0	-33.1	-44.2	248.8	58.1*	54.2	21.0	316.5	317.2	0.2	31.7	44.6	73.
23.4	73.0	7698.4	374.0	-34.3	-44.9	248.7	60.9*	56.7	22.2	316.3	317.0	0.2	33.0	46.1	73.
23.8	74.0	7830.3	367.0	-35.4	-45.3	248.1	61.8*	57.4	23.1	316.6	317.3	0.2	35.2	47.7	73.
24.2	75.0	7944.8	361.0	-36.6	-46.9	247.3	60.7*	56.0	23.4	316.5	317.0	0.1	33.0	49.2	73.
24.6	76.0	8080.3	354.0	-37.0	-47.9	246.7	57.9*	53.2	22.9	317.7	318.2	0.1	30.9	50.6	73.
25.1	77.0	8198.3	348.0	-38.1	-50.0	246.7	54.1*	49.7	21.4	317.8	318.2	0.1	27.2	52.3	72.
25.5	78.0	8317.8	342.0	-39.2	-51.1	247.7	52.4*	48.5	19.9	317.9	318.3	0.1	26.6	53.5	72.
26.0	79.0	8438.5	336.0	-39.9	-52.7	249.6	53.6*	50.3	18.7	318.6	318.9	0.1	23.8	54.9	72.
26.4	80.0	8582.4	329.0	-41.0	99.9	250.4	55.2*	52.0	18.5	319.1	999.9	99.9	999.9	56.4	72.
26.9	81.0	8728.2	322.0	-42.4	99.9	250.3	56.2*	52.9	19.0	319.1	999.9	99.9	999.9	58.0	72.
27.3	82.0	8855.0	316.0	-43.5	99.9	249.4	56.6*	53.0	20.0	319.3	999.9	99.9	999.9	59.4	72.
27.8	83.0	8983.8	310.0	-44.2	99.9	248.0	57.0*	52.8	21.3	320.1	999.9	99.9	999.9	61.1	72.
28.2	84.0	9114.7	304.0	-44.8	99.9	246.8	56.6*	52.0	22.3	321.1	999.9	99.9	999.9	62.5	72.
28.7	85.0	9247.8	298.0	-45.8	99.9	244.9	55.0*	49.8	23.3	321.5	999.9	99.9	999.9	64.2	72.
29.2	86.0	9382.9	292.0	-46.9	99.9	242.9	54.3*	48.3	24.7	321.7	999.9	99.9	999.9	65.8	72.
29.7	87.0	9520.2	286.0	-48.0	99.9	242.0	57.8*	51.1	27.1	322.1	999.9	99.9	999.9	67.2	71.
30.1	88.0	9659.6	280.0	-49.3	99.9	242.3	62.8*	55.6	29.2	322.2	999.9	99.9	999.9	68.6	71.
30.4	89.0	9777.4	275.0	-50.5	99.9	242.7	66.1*	58.8	30.3	322.1	999.9	99.9	999.9	69.9	71.
30.8	90.0	9921.2	269.0	-50.7	99.9	243.3	67.3*	60.1	30.3	323.9	999.9	99.9	999.9	71.7	71.
31.1	91.0	10043.4	264.0	-51.0	99.9	243.5	67.1*	60.0	29.9	325.2	999.9	99.9	999.9	72.9	71.
31.5	92.0	10167.8	259.0	-51.0	99.9	243.5	66.1*	59.1	29.5	327.0	999.9	99.9	999.9	74.2	71.
31.8	93.0	10320.1	253.0	-51.9	99.9	243.0	66.8*	59.5	30.3	327.8	999.9	99.9	999.9	75.5	70.
32.1	94.0	10423.2	249.0	-52.7	99.9	242.4	67.7*	60.0	31.4	328.1	999.9	99.9	999.9	76.7	70.
32.7	95.0	10580.3	243.0	-53.8	99.9	241.1	70.4*	61.6	34.0	328.8	999.9	99.9	999.9	79.1	70.
33.2	96.0	10740.4	237.0	-55.2	99.9	240.5	71.3*	62.1	35.1	328.9	999.9	99.9	999.9	81.3	70.

\* BY SPFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

5 FEBRUARY 1975  
2315 GMT

154 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	FRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.7	97.0	10876.2	232.0	-56.2	99.9	240.2	69.4*	60.2	34.5	329.4	999.9	99.9	999.9	83.5	70.
34.1	98.0	11014.2	227.0	-57.4	99.9	239.9	65.8*	56.9	33.0	329.7	999.9	99.9	999.9	85.2	69.
34.6	99.0	11154.5	222.0	-58.8	99.9	999.9	99.9	99.9	99.9	329.7	999.9	99.9	999.9	999.9	999.
35.0	100.0	11297.5	217.0	-58.8	99.9	999.9	99.9	99.9	99.9	331.8	999.9	99.9	999.9	999.9	999.
35.5	101.0	11443.6	212.0	-59.7	99.9	999.9	99.9	99.9	99.9	332.7	999.9	99.9	999.9	999.9	999.
35.9	102.0	11593.1	207.0	-59.0	99.9	999.9	99.9	99.9	99.9	336.1	999.9	99.9	999.9	999.9	999.
36.3	103.0	11716.1	203.0	-56.7	99.9	999.9	99.9	99.9	99.9	341.5	999.9	99.9	999.9	999.9	999.
36.7	104.0	11842.5	199.0	-56.1	99.9	999.9	99.9	99.9	99.9	344.5	999.9	99.9	999.9	999.9	999.
37.0	105.0	12004.8	194.0	-54.8	99.9	999.9	99.9	99.9	99.9	349.1	999.9	99.9	999.9	999.9	999.
37.4	106.0	12137.8	190.0	-55.7	99.9	999.9	99.9	99.9	99.9	349.6	999.9	99.9	999.9	999.9	999.
37.9	107.0	12273.0	186.0	-56.6	99.9	999.9	99.9	99.9	99.9	350.4	999.9	99.9	999.9	999.9	999.
38.3	108.0	12445.5	181.0	-57.4	99.9	999.9	99.9	99.9	99.9	351.8	999.9	99.9	999.9	999.9	999.
38.8	109.0	12586.9	177.0	-56.6	99.9	999.9	99.9	99.9	99.9	354.8	999.9	99.9	999.9	999.9	999.
39.3	110.0	12768.2	172.0	-57.4	99.9	999.9	99.9	99.9	99.9	356.9	999.9	99.9	999.9	999.9	999.
40.0	111.0	12916.7	168.0	-58.1	99.9	999.9	99.9	99.9	99.9	358.2	999.9	99.9	999.9	999.9	999.
40.6	112.0	13068.4	164.0	-58.3	99.9	999.9	99.9	99.9	99.9	360.4	999.9	99.9	999.9	999.9	999.
41.0	113.0	13184.4	161.0	-59.0	99.9	999.9	99.9	99.9	99.9	361.1	999.9	99.9	999.9	999.9	999.
41.5	114.0	13342.1	157.0	-59.3	99.9	999.9	99.9	99.9	99.9	363.1	999.9	99.9	999.9	999.9	999.
42.0	115.0	13545.1	152.0	-58.8	99.9	999.9	99.9	99.9	99.9	367.4	999.9	99.9	999.9	999.9	999.
42.6	116.0	13712.5	148.0	-58.8	99.9	999.9	99.9	99.9	99.9	370.2	999.9	99.9	999.9	999.9	999.
43.1	117.0	13884.4	144.0	-59.1	99.9	999.9	99.9	99.9	99.9	372.5	999.9	99.9	999.9	999.9	999.
43.6	118.0	14016.2	141.0	-59.9	99.9	999.9	99.9	99.9	99.9	373.5	999.9	99.9	999.9	999.9	999.
44.1	119.0	14195.7	137.0	-60.4	99.9	999.9	99.9	99.9	99.9	375.7	999.9	99.9	999.9	999.9	999.
44.7	120.0	14333.7	134.0	-60.4	99.9	999.9	99.9	99.9	99.9	378.1	999.9	99.9	999.9	999.9	999.
45.2	121.0	14475.0	131.0	-59.9	99.9	999.9	99.9	99.9	99.9	381.5	999.9	99.9	999.9	999.9	999.
45.7	122.0	14668.5	127.0	-60.4	99.9	999.9	99.9	99.9	99.9	383.9	999.9	99.9	999.9	999.9	999.
46.1	123.0	14817.5	124.0	-60.4	99.9	999.9	99.9	99.9	99.9	386.5	999.9	99.9	999.9	999.9	999.
46.5	124.0	14969.5	121.0	-62.0	99.9	999.9	99.9	99.9	99.9	386.2	999.9	99.9	999.9	999.9	999.
47.1	125.0	15177.0	117.0	-62.8	99.9	999.9	99.9	99.9	99.9	388.6	999.9	99.9	999.9	999.9	999.
47.7	126.0	15336.6	114.0	-64.1	99.9	999.9	99.9	99.9	99.9	389.0	999.9	99.9	999.9	999.9	999.
48.1	127.0	15554.8	110.0	-65.1	99.9	999.9	99.9	99.9	99.9	391.1	999.9	99.9	999.9	999.9	999.
48.6	128.0	15723.3	107.0	-65.1	99.9	999.9	99.9	99.9	99.9	394.2	999.9	99.9	999.9	999.9	999.
49.1	129.0	15896.4	104.0	-65.5	99.9	999.9	99.9	99.9	99.9	396.7	999.9	99.9	999.9	999.9	999.
49.6	130.0	16074.1	101.0	-66.1	99.9	999.9	99.9	99.9	99.9	398.8	999.9	99.9	999.9	999.9	999.
50.2	131.0	16257.0	98.0	-66.1	99.9	999.9	99.9	99.9	99.9	402.3	999.9	99.9	999.9	999.9	999.
50.8	132.0	16445.5	95.0	-66.1	99.9	999.9	99.9	99.9	99.9	405.6	999.9	99.9	999.9	999.9	999.
51.2	133.0	16640.1	92.0	-66.1	99.9	999.9	99.9	99.9	99.9	409.6	999.9	99.9	999.9	999.9	999.
51.8	134.0	16840.8	89.0	-66.7	99.9	999.9	99.9	99.9	99.9	412.3	999.9	99.9	999.9	999.9	999.
52.4	135.0	17047.9	86.0	-67.2	99.9	999.9	99.9	99.9	99.9	415.5	999.9	99.9	999.9	999.9	999.
53.1	136.0	17263.7	83.0	-64.3	99.9	999.9	99.9	99.9	99.9	425.5	999.9	99.9	999.9	999.9	999.
53.8	137.0	17488.7	80.0	-64.5	99.9	999.9	99.9	99.9	99.9	429.6	999.9	99.9	999.9	999.9	999.
54.5	138.0	17721.4	77.0	-66.1	99.9	999.9	99.9	99.9	99.9	431.0	999.9	99.9	999.9	999.9	999.
55.2	139.0	17961.8	74.0	-67.2	99.9	999.9	99.9	99.9	99.9	433.8	999.9	99.9	999.9	999.9	999.
56.0	140.0	18210.9	71.0	-68.2	99.9	999.9	99.9	99.9	99.9	436.7	999.9	99.9	999.9	999.9	999.
56.8	141.0	18470.7	68.0	-67.2	99.9	999.9	99.9	99.9	99.9	444.4	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

5 FEBRUARY 1975  
2315 GMT

154 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIMF MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.7	142.0	18743.6	65.0	-66.1	99.9	999.9	99.9	99.9	99.9	452.4	999.9	99.9	999.9	999.9	999.
58.7	143.0	19030.2	62.0	-66.1	99.9	999.9	99.9	99.9	99.9	458.6	999.9	99.9	999.9	999.9	999.
59.4	144.0	19330.5	59.0	-66.1	99.9	999.9	99.9	99.9	99.9	465.1	999.9	99.9	999.9	999.9	999.
60.2	145.0	19647.4	56.0	-66.1	99.9	999.9	99.9	99.9	99.9	472.1	999.9	99.9	999.9	999.9	999.
61.2	146.0	19980.8	53.0	-66.7	99.9	999.9	99.9	99.9	99.9	478.2	999.9	99.9	999.9	999.9	999.
62.1	147.0	20212.8	51.0	-67.8	99.9	999.9	99.9	99.9	99.9	481.0	999.9	99.9	999.9	999.9	999.
63.1	148.0	20578.0	48.0	-67.2	99.9	999.9	99.9	99.9	99.9	490.9	999.9	99.9	999.9	999.9	999.
64.2	149.0	20966.4	45.0	-68.2	99.9	999.9	99.9	99.9	99.9	497.5	999.9	99.9	999.9	999.9	999.
65.2	150.0	21240.7	43.0	-66.1	99.9	999.9	99.9	99.9	99.9	509.2	999.9	99.9	999.9	999.9	999.
66.5	151.0	21680.4	40.0	-65.1	99.9	999.9	99.9	99.9	99.9	522.4	999.9	99.9	999.9	999.9	999.
67.7	152.0	22155.0	37.0	-65.5	99.9	257.1	34.9*	34.1	7.8	533.1	999.9	99.9	999.9	167.0	71.
69.0	153.0	22669.7	34.0	-65.1	99.9	271.6	7.3*	7.3	-0.2	547.2	999.9	99.9	999.9	168.5	71.
70.3	154.0	23039.5	32.0	-64.7	99.9	260.2	25.8*	25.5	4.4	557.8	999.9	99.9	999.9	169.0	71.
72.0	155.0	23641.9	29.0	-63.7	99.9	254.7	39.7*	38.3	10.5	576.5	999.9	99.9	999.9	173.0	71.
73.8	156.0	24313.6	26.0	-62.6	99.9	301.4	6.6*	5.6	-3.4	598.0	999.9	99.9	999.9	175.7	71.
75.7	157.0	24807.7	24.0	-62.2	99.9	268.2	22.8*	22.8	0.7	612.9	999.9	99.9	999.9	176.7	71.
77.7	158.0	25631.2	21.0	-63.0	99.9	261.9	23.2*	23.0	3.3	634.5	999.9	99.9	999.9	179.7	71.
79.9	159.0	26253.3	19.0	-59.0	99.9	258.5	38.1*	37.4	7.6	665.4	999.9	99.9	999.9	181.8	71.
82.3	160.0	27331.9	16.0	-58.8	99.9	999.9	99.9	99.9	99.9	699.5	999.9	99.9	999.9	999.9	999.

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
515 GMT

153 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	275.0	978.4	3.3	3.3	210.0	5.7	2.8	4.9	278.8	291.5	5.0	100.0	0.0	0.
0.2	8.0	319.9	973.0	2.4	2.0	252.2	11.1	10.5	3.4	278.3	289.8	4.5	97.1	0.2	59.
0.6	9.0	403.4	963.0	1.9	1.5	255.7	11.4	11.0	2.8	278.6	289.9	4.4	97.2	0.2	63.
0.8	10.0	496.0	952.0	1.2	-0.9	262.0	12.1	11.9	1.7	278.7	288.5	3.8	86.0	0.4	66.
1.3	11.0	607.7	939.0	5.6	0.6	274.4	14.5	14.4	-1.1	284.3	295.6	4.3	70.1	0.8	78.
1.5	12.0	704.1	928.0	5.2	-1.9	278.1	15.6	15.5	-2.2	284.9	294.4	3.6	59.8	0.9	82.
1.8	13.0	801.4	917.0	4.9	-2.8	276.8	16.4	16.3	-1.9	285.5	294.6	3.4	57.6	1.2	86.
2.2	14.0	900.0	906.0	5.1	-2.7	274.4	17.1	17.0	-1.3	286.6	296.0	3.5	57.3	1.6	88.
2.5	15.0	999.9	895.0	5.8	-1.8	272.2	17.4	17.4	-0.7	288.4	298.5	3.7	58.2	1.9	89.
2.9	16.0	1119.5	882.0	4.9	-2.4	268.3	16.9	16.9	0.5	288.7	298.6	3.6	59.3	2.3	89.
3.3	17.0	1221.8	871.0	4.2	-3.0	265.7	18.0	18.0	1.3	289.0	298.6	3.5	59.4	2.7	89.
3.6	18.0	1315.7	861.0	3.7	-3.6	264.6	19.1	19.0	1.8	289.4	298.7	3.4	58.8	3.1	89.
3.9	19.0	1410.6	851.0	3.5	-4.9	264.0	19.7	19.6	2.1	290.1	298.7	3.1	53.8	3.4	88.
4.2	20.0	1516.1	840.0	2.9	-5.1	262.6	19.9	19.7	2.5	290.5	299.2	3.1	55.9	3.8	88.
4.7	21.0	1632.3	828.0	1.5	-5.9	258.9	19.8	19.4	3.8	290.3	298.6	3.0	57.8	4.4	87.
5.0	22.0	1730.1	818.0	0.7	-5.7	256.1	19.8	19.2	4.8	290.5	298.9	3.1	62.2	4.7	86.
5.4	23.0	1828.8	808.0	-0.4	-5.1	250.6	19.3	18.2	6.4	290.3	299.3	3.3	70.7	5.2	85.
5.7	24.0	1928.5	798.0	0.1	-0.4	247.9	19.7	18.3	7.4	291.7	298.4	2.3	48.8	5.5	84.
6.1	25.0	2029.7	788.0	0.7	-13.4	246.9	21.1	19.4	8.3	293.4	298.4	1.7	33.8	6.0	83.
6.5	26.0	2153.0	776.0	1.0	-29.5	249.8	23.1	21.7	8.0	294.9	296.2	0.4	8.0	6.5	81.
6.9	27.0	2257.2	766.0	1.0	-33.1	250.1	25.5	23.9	8.7	295.9	296.9	0.3	5.7	7.1	81.
7.2	28.0	2362.8	756.0	1.4	-40.4	250.0	26.9	25.3	9.2	297.4	297.9	0.1	2.6	7.5	80.
7.5	29.0	2469.8	746.0	0.9	-40.5	249.9	28.2	26.5	9.7	298.0	298.5	0.1	2.7	8.1	79.
7.8	30.0	2567.0	737.0	0.1	-33.6	249.1	28.9	27.0	10.3	298.2	299.1	0.3	5.8	8.6	79.
8.1	31.0	2676.2	727.0	-0.7	-29.9	248.3	29.4	27.4	10.9	298.5	299.9	0.4	8.7	9.1	78.
8.4	32.0	2775.5	718.0	-1.7	-26.7	247.4	29.7	27.5	11.4	298.5	300.4	0.6	12.7	9.7	78.
8.7	33.0	2887.0	708.0	-2.0	-31.4	247.0	30.3	27.8	11.8	299.3	300.6	0.4	8.3	10.2	77.
9.1	34.0	2988.5	699.0	-2.5	-27.3	246.8	31.2	28.7	12.3	299.9	301.8	0.6	12.7	10.8	76.
9.4	35.0	3091.2	690.0	-3.2	-29.8	247.0	32.3	29.8	12.6	300.2	301.7	0.5	10.7	11.4	76.
9.7	36.0	3218.0	679.0	-4.5	-33.0	246.9	33.2	30.6	13.0	300.2	301.3	0.3	8.5	12.0	75.
10.1	37.0	3334.5	669.0	-5.5	-30.4	246.4	34.1	31.3	13.6	300.3	301.7	0.5	12.0	12.8	75.
10.4	38.0	3440.6	660.0	-6.0	-29.4	245.8	34.3	31.3	14.0	300.9	302.5	0.5	13.6	13.5	74.
10.7	39.0	3547.9	651.0	-6.9	-32.3	245.5	34.5	31.4	14.3	301.1	302.3	0.4	11.0	14.1	74.
11.1	40.0	3656.3	642.0	-7.9	-34.7	245.7	34.8	31.7	14.4	301.1	302.1	0.3	9.5	14.9	74.
11.5	41.0	3790.3	631.0	-9.2	-36.8	246.6	35.6	32.7	14.1	301.1	301.9	0.3	8.5	15.6	73.
11.8	42.0	3901.2	622.0	-10.0	-27.6	248.2	36.5	33.9	13.5	301.5	303.5	0.6	22.0	16.4	73.
12.2	43.0	4000.9	614.0	-10.7	-23.1	250.8	38.2	36.0	12.6	301.9	304.9	1.0	34.9	17.2	73.
12.5	44.0	4114.4	605.0	-11.2	-22.8	252.9	39.8	38.0	11.7	302.5	305.6	1.0	37.8	17.8	72.
12.8	45.0	4229.3	596.0	-12.0	-23.8	254.7	41.4	39.9	10.9	302.9	305.9	0.9	36.5	18.6	73.
13.2	46.0	4332.7	588.0	-12.0	-24.1	256.4	42.7	41.5	10.0	304.1	307.0	0.9	35.4	19.7	73.
13.5	47.0	4450.7	579.0	-12.7	-24.8	257.3	43.0	42.0	9.5	304.6	307.4	0.9	35.4	20.5	73.
13.9	48.0	4556.7	571.0	-13.5	-24.6	257.5	43.1	42.1	9.3	304.9	307.7	0.9	38.5	21.5	73.
14.3	49.0	4663.5	563.0	-14.1	-24.3	257.0	44.5	43.4	10.0	305.4	308.4	0.9	41.5	22.5	73.
14.6	50.0	4786.2	554.0	-14.3	-26.2	256.3	46.0	44.6	10.9	306.5	309.1	0.8	35.7	23.2	74.
15.1	51.0	4924.1	544.0	-15.5	-30.3	254.2	48.2*	46.4	13.1	306.7	308.6	0.6	26.7	24.7	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
515 GMT

153 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.4	52.0	5035.8	536.0	-16.0	-28.9	252.9	48.2*	46.1	14.1	307.4	309.5	0.6	31.9	25.7	74.
15.8	53.0	5149.0	528.0	-16.4	-29.4	251.9	47.1*	44.7	14.6	308.2	310.3	0.6	31.5	26.9	74.
16.1	54.0	5263.8	520.0	-17.0	-29.8	251.5	46.1*	43.7	14.7	308.9	310.9	0.6	31.5	27.7	73.
16.4	55.0	5379.9	512.0	-18.1	-30.1	251.4	45.5*	43.1	14.5	308.9	310.9	0.6	33.7	28.4	73.
16.9	56.0	5512.3	503.0	-18.6	-29.5	251.1	44.7*	42.3	14.5	309.9	312.0	0.7	37.3	29.8	73.
17.3	57.0	5631.7	495.0	-19.3	-30.6	250.4	44.1*	41.6	14.8	310.5	312.4	0.6	35.6	31.0	73.
17.6	58.0	5752.7	487.0	-20.4	-31.0	250.0	44.3*	41.6	15.2	310.6	312.5	0.6	37.7	31.8	73.
18.1	59.0	5875.2	479.0	-21.0	-31.9	249.5	47.0*	44.0	16.5	311.2	313.0	0.5	36.5	32.8	73.
18.4	60.0	5983.7	472.0	-22.1	-33.3	249.2	49.5*	46.3	17.5	311.2	312.8	0.5	35.0	33.8	73.
18.7	61.0	6093.4	465.0	-23.0	-34.7	248.9	50.5*	47.1	18.2	311.4	312.8	0.4	33.1	34.8	73.
19.1	62.0	6220.4	457.0	-23.7	-35.1	248.2	50.1*	46.5	18.6	312.1	313.5	0.4	33.9	36.1	73.
19.4	63.0	6333.1	450.0	-24.2	-35.8	247.6	48.3*	44.6	18.4	312.8	314.1	0.4	33.1	37.0	73.
19.8	64.0	6447.2	443.0	-25.3	-37.1	246.9	47.7*	43.9	18.7	312.8	314.1	0.3	31.9	38.1	72.
20.2	65.0	6579.3	435.0	-26.3	-37.8	246.3	49.2*	45.1	19.7	313.1	314.3	0.3	32.8	39.0	72.
20.6	66.0	6730.1	426.0	-27.4	-38.4	246.0	51.5*	47.0	20.9	313.7	314.8	0.3	33.9	40.1	72.
21.0	67.0	6849.1	419.0	-28.6	-37.0	245.8	52.0*	47.5	21.3	313.6	314.9	0.4	43.9	42.0	72.
21.3	68.0	6969.6	412.0	-29.8	-37.0	245.7	50.9*	46.4	21.0	313.6	314.9	0.4	49.1	42.6	72.
21.7	69.0	7074.0	406.0	-30.7	-37.8	245.9	50.9*	46.5	20.8	313.7	315.0	0.4	49.5	43.7	72.
22.1	70.0	7215.0	398.0	-31.9	-38.8	246.3	52.7*	48.3	21.2	314.0	315.1	0.3	49.7	44.9	71.
22.6	71.0	7358.2	390.0	-32.9	-39.8	246.6	55.3*	50.8	22.0	314.4	315.5	0.3	49.9	46.5	71.
22.9	72.0	7485.4	383.0	-33.9	-41.3	246.3	54.8*	50.2	22.0	314.8	315.8	0.3	46.6	47.8	71.
23.3	73.0	7596.0	377.0	-34.3	-41.7	245.7	53.9*	49.1	22.2	315.7	316.6	0.3	46.6	49.0	71.
23.6	74.0	7727.0	370.0	-35.0	-42.7	245.4	54.3*	49.3	22.6	316.4	317.2	0.2	45.0	49.7	71.
24.0	75.0	7840.7	364.0	-36.4	-43.1	245.5	58.1*	52.8	24.1	316.1	316.9	0.2	49.1	51.0	71.
24.4	76.0	7975.0	357.0	-37.6	-43.7	246.0	65.0*	59.4	26.4	316.2	317.0	0.2	52.2	52.4	71.
24.7	77.0	8091.7	351.0	-38.7	-44.4	246.1	68.0*	62.2	27.6	316.3	317.0	0.2	54.4	53.7	71.
25.2	78.0	8229.8	344.0	-39.6	-46.2	245.5	67.0*	61.0	27.8	316.8	317.4	0.2	48.7	56.1	70.
25.6	79.0	8349.8	338.0	-41.0	99.9	244.1	60.7*	54.6	26.5	316.6	999.9	99.9	999.9	57.8	70.
26.1	80.0	8471.4	332.0	-41.8	99.9	241.4	52.3*	45.9	25.0	317.1	999.9	99.9	999.9	59.3	70.
26.6	81.0	8636.3	324.0	-43.1	99.9	239.2	52.3*	44.9	26.8	317.6	999.9	99.9	999.9	60.4	70.
26.9	82.0	8762.1	318.0	-43.8	99.9	238.7	55.8*	47.7	29.0	318.4	999.9	99.9	999.9	61.2	70.
27.3	83.0	8868.3	313.0	-44.9	99.9	238.6	60.1*	51.3	31.3	318.2	999.9	99.9	999.9	63.0	69.
27.7	84.0	8997.4	307.0	-45.9	99.9	239.0	65.5*	56.1	33.8	318.6	999.9	99.9	999.9	64.5	69.
28.1	85.0	9128.5	301.0	-46.9	99.9	239.6	72.5*	62.6	36.7	319.0	999.9	99.9	999.9	65.6	69.
28.6	86.0	9284.0	294.0	-48.3	99.9	240.0	79.8*	69.1	39.9	319.1	999.9	99.9	999.9	68.0	69.
29.0	87.0	9419.4	288.0	-49.4	99.9	239.3	75.3*	64.8	38.5	319.5	999.9	99.9	999.9	71.1	68.
29.5	88.0	9534.0	283.0	-50.4	99.9	236.3	55.0*	45.8	30.6	319.6	999.9	99.9	999.9	72.9	68.
29.9	89.0	9673.5	277.0	-51.2	99.9	234.9	47.6*	38.9	27.4	320.5	999.9	99.9	999.9	73.2	68.
30.3	90.0	9815.7	271.0	-51.8	99.9	235.3	49.3*	40.5	28.1	321.6	999.9	99.9	999.9	74.0	68.
30.8	91.0	9936.2	266.0	-52.9	99.9	236.3	57.0*	47.4	31.6	321.7	999.9	99.9	999.9	76.2	67.
31.3	92.0	10058.3	261.0	-53.8	99.9	237.5	70.2*	59.2	37.7	322.1	999.9	99.9	999.9	77.4	67.
31.6	93.0	10182.6	256.0	-53.8	99.9	238.2	80.0*	68.0	42.2	323.9	999.9	99.9	999.9	78.1	67.
32.1	94.0	10309.2	251.0	-54.3	99.9	239.0	92.6*	79.4	47.7	325.0	999.9	99.9	999.9	81.6	67.
32.6	95.0	10438.2	246.0	-54.3	99.9	239.0	87.0*	74.5	44.8	326.9	999.9	99.9	999.9	85.4	66.
33.1	96.0	10623.8	239.0	-53.0	99.9	239.0	77.7*	66.6	40.0	331.5	999.9	99.9	999.9	86.8	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
515 GMT

153 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTC GM/KG	RH PCT	RANGE KM	AZ DG
33.5	97.0	10760.0	234.0	-53.2	99.9	239.9	80.2*	69.4	40.2	333.3	999.9	99.9	999.9	87.9	66.
34.0	98.0	10899.0	229.0	-53.8	99.9	240.7	85.1**	74.3	41.6	334.4	999.9	99.9	999.9	91.6	66.
34.5	99.0	11040.9	224.0	-53.7	99.9	240.2	68.5**	59.5	34.0	336.7	999.9	99.9	999.9	94.0	66.
34.9	100.0	11156.6	220.0	-54.3	99.9	238.2	47.6**	40.4	25.1	337.5	999.9	99.9	999.9	96.1	66.
35.5	101.0	11333.5	214.0	-55.1	99.9	235.4	36.9**	30.4	21.0	338.9	999.9	99.9	999.9	95.1	66.
36.0	102.0	11484.5	209.0	-55.1	99.9	240.2	57.3**	49.7	28.5	341.2	999.9	99.9	999.9	97.7	65.
36.5	103.0	11608.0	205.0	-54.9	99.9	244.3	81.7**	73.6	35.5	343.4	999.9	99.9	999.9	98.7	65.
37.0	104.0	11765.7	200.0	-55.1	99.9	246.4	86.3**	79.1	34.6	345.5	999.9	99.9	999.9	102.9	65.
37.5	105.0	11894.8	196.0	-55.1	99.9	247.1	71.0**	65.4	27.6	347.5	999.9	99.9	999.9	105.6	65.
38.1	106.0	12026.5	192.0	-55.1	99.9	247.0	62.3**	57.3	24.3	349.6	999.9	99.9	999.9	106.8	65.
38.5	107.0	12195.0	187.0	-55.1	99.9	246.5	69.4**	63.6	27.7	352.2	999.9	99.9	999.9	108.1	65.
39.1	108.0	12333.1	183.0	-54.9	99.9	245.6	84.1**	76.6	34.7	354.7	999.9	99.9	999.9	111.3	66.
39.6	109.0	12474.1	179.0	-55.7	99.9	245.7	84.9**	77.4	34.9	355.6	999.9	99.9	999.9	114.2	65.
40.1	110.0	12617.8	175.0	-56.6	99.9	246.6	75.6**	69.4	30.0	356.6	999.9	99.9	999.9	116.8	66.
40.7	111.0	12801.3	170.0	-57.4	99.9	246.6	59.4**	54.5	23.5	358.1	999.9	99.9	999.9	119.1	66.
41.2	112.0	12951.3	166.0	-58.8	99.9	245.4	46.9**	42.7	19.6	358.3	999.9	99.9	999.9	120.7	66.
41.8	113.0	13104.3	162.0	-59.5	99.9	246.2	34.4**	31.5	13.9	359.7	999.9	99.9	999.9	122.2	66.
42.3	114.0	13260.5	158.0	-60.2	99.9	251.8	22.0**	20.9	6.9	361.1	999.9	99.9	999.9	123.0	66.
42.9	115.0	13420.5	154.0	-60.0	99.9	262.5	8.4**	8.4	1.1	364.0	999.9	99.9	999.9	123.7	66.
43.7	116.0	13584.8	150.0	-60.2	99.9	247.3	6.6**	6.1	2.5	366.5	999.9	99.9	999.9	123.3	66.
44.3	117.0	13753.4	146.0	-60.2	99.9	247.0	27.2**	25.1	10.6	369.3	999.9	99.9	999.9	123.6	66.
44.9	118.0	13926.7	142.0	-60.2	99.9	245.5	79.2**	72.1	32.8	372.2	999.9	99.9	999.9	124.2	66.
45.6	119.0	14060.0	139.0	-60.2	99.9	244.4	138.5**	125.0	59.8	374.5	999.9	99.9	999.9	130.1	66.
46.3	120.0	14242.1	135.0	-60.2	99.9	244.9	137.1**	124.1	58.2	377.7	999.9	99.9	999.9	137.4	66.
46.8	121.0	14382.1	132.0	-60.9	99.9	245.4	113.3**	103.0	47.2	378.8	999.9	99.9	999.9	140.3	66.
47.4	122.0	14524.7	129.0	-61.8	99.9	245.9	68.8**	62.8	28.1	379.7	999.9	99.9	999.9	145.4	66.
47.9	123.0	14719.8	125.0	-61.8	99.9	248.1	27.3**	25.3	10.2	383.1	999.9	99.9	999.9	146.0	66.
48.5	124.0	14870.2	122.0	-61.8	99.9	252.8	14.9**	14.2	4.4	385.8	999.9	99.9	999.9	144.7	66.
49.1	125.0	15024.1	119.0	-62.5	99.9	247.9	68.7**	63.7	25.9	387.2	999.9	99.9	999.9	146.1	66.
49.6	126.0	15234.6	115.0	-63.3	99.9	246.7	126.6**	116.2	50.1	389.6	999.9	99.9	999.9	150.8	66.
50.3	127.0	15396.9	112.0	-64.0	99.9	247.9	104.5**	96.9	39.4	391.2	999.9	99.9	999.9	157.2	66.
50.8	128.0	15563.2	109.0	-64.0	99.9	253.2	51.3**	49.1	14.9	394.2	999.9	99.9	999.9	159.2	66.
51.4	129.0	15713.7	106.0	-65.0	99.9	257.7	33.5**	32.8	7.1	395.5	999.9	99.9	999.9	157.7	66.
52.0	130.0	15908.6	103.0	-65.6	99.9	249.7	72.5**	68.0	25.1	397.7	999.9	99.9	999.9	158.8	66.
52.8	131.0	16148.8	99.0	-66.6	99.9	241.9	59.4**	52.4	28.0	400.2	999.9	99.9	999.9	164.6	66.
53.5	132.0	16334.6	96.0	-67.4	99.9	237.3	34.4**	29.0	18.6	402.2	999.9	99.9	999.9	167.9	66.
54.2	133.0	16526.3	93.0	-66.6	99.9	253.2	55.6**	53.2	16.0	407.5	999.9	99.9	999.9	166.4	66.
54.9	134.0	16657.9	91.0	-66.6	99.9	256.1	29.5**	28.7	7.1	410.0	999.9	99.9	999.9	173.2	66.
55.7	135.0	16861.0	88.0	-66.0	99.9	232.8	43.5**	34.6	26.3	415.2	999.9	99.9	999.9	168.5	66.
56.3	136.0	17071.9	85.0	-65.2	99.9	238.2	55.1**	46.9	29.1	420.9	999.9	99.9	999.9	175.3	66.
57.1	137.0	17365.5	81.0	-65.2	99.9	263.6	14.5**	14.4	1.6	426.8	999.9	99.9	999.9	173.9	66.
57.8	138.0	17595.2	78.0	-65.6	99.9	11.0	6.5**	-1.2	-6.3	430.6	999.9	99.9	999.9	177.1	66.
58.8	139.0	17833.1	75.0	-66.6	99.9	66.1	54.6**	-50.0	-22.1	433.3	999.9	99.9	999.9	173.2	66.
59.7	140.0	18080.1	72.0	-66.6	99.9	68.1	55.9**	-51.8	-20.9	438.4	999.9	99.9	999.9	170.2	66.
60.5	141.0	18337.6	69.0	-66.6	99.9	64.0	63.5**	-57.1	-27.8	443.8	999.9	99.9	999.9	167.3	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
515 GMT

153 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.3	142.0	18607.8	66.0	-64.8	99.9	56.0	19.8**	-16.4	-11.1	453.4	999.9	99.9	999.9	164.7	66.
62.2	143.0	18891.7	63.0	-64.8	99.9	315.8	4.3**	3.0	-3.1	459.4	999.9	99.9	999.9	165.1	66.
63.2	144.0	19189.6	60.0	-64.6	99.9	249.7	49.5**	46.5	17.2	466.3	999.9	99.9	999.9	166.0	66.
64.5	145.0	19503.9	57.0	-63.3	99.9	249.9	82.1**	77.1	28.2	476.3	999.9	99.9	999.9	171.9	66.
65.5	146.0	19723.9	55.0	-62.5	99.9	246.0	72.2**	66.0	29.4	482.9	999.9	99.9	999.9	176.1	66.
66.3	147.0	20068.9	52.0	-63.8	99.9	246.2	46.9**	42.9	18.9	487.6	999.9	99.9	999.9	179.8	66.
67.2	148.0	20431.8	49.0	-65.6	99.9	71.2	15.9**	-15.1	-5.1	491.8	999.9	99.9	999.9	182.3	66.
68.1	149.0	20814.0	46.0	-67.6	99.9	14.8	2.3**	-0.6	-2.2	495.9	999.9	99.9	999.9	177.7	66.
69.2	150.0	21081.1	44.0	-68.5	99.9	257.0	23.6**	23.0	5.3	500.1	999.9	99.9	999.9	180.9	66.
70.5	151.0	21507.3	41.0	-65.8	99.9	263.1	12.8**	12.7	1.5	517.0	999.9	99.9	999.9	180.1	66.
71.8	152.0	21969.7	38.0	-65.0	99.9	44.7	17.0**	-11.9	-12.1	530.4	999.9	99.9	999.9	182.2	66.
73.1	153.0	22469.7	35.0	-66.2	99.9	25.5	12.3**	-5.3	-11.1	539.9	999.9	99.9	999.9	181.5	67.
74.7	154.0	22826.1	33.0	-66.6	99.9	253.0	52.5*	50.2	15.4	548.0	999.9	99.9	999.9	183.8	67.
76.5	155.0	23402.8	30.0	-66.6	99.9	253.4	50.0*	47.9	14.3	563.1	999.9	99.9	999.9	189.3	67.
78.2	156.0	24044.0	27.0	-64.2	99.9	254.4	32.8*	31.6	8.8	587.0	999.9	99.9	999.9	192.5	67.
80.2	157.0	24766.5	24.0	-63.3	99.9	283.9	12.8*	12.5	-3.1	609.9	999.9	99.9	999.9	198.0	68.
82.5	158.0	25304.9	22.0	-60.5	99.9	291.0	11.5*	10.8	-4.1	633.5	999.9	99.9	999.9	195.5	68.
85.1	159.0	26219.2	19.0	-60.0	99.9	999.9	99.9	99.9	99.9	662.3	999.9	99.9	999.9	999.9	999.

STATION NO. 317  
GRFENSBORO, NC

6 FEBRUARY 1975  
1116 GMT

162 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	275.0	976.7	3.3	3.3	200.0	3.6	1.2	3.4	279.0	291.6	5.0	100.0	0.0	0.
0.1	8.0	305.9	973.0	4.1	3.2	258.4	7.0	6.8	1.4	280.1	292.8	5.0	93.9	0.1	50.
0.5	9.0	398.5	962.0	3.9	3.8	258.4	7.0	6.8	1.4	280.8	294.3	5.2	99.3	0.1	50.
0.8	10.0	491.5	951.0	3.1	-1.3	266.1	7.6	7.6	0.5	280.7	290.3	3.7	72.9	0.3	64.
1.4	11.0	612.9	937.0	6.2	3.7	276.6	9.6	9.5	-1.1	285.1	296.5	4.3	67.9	0.5	80.
1.7	12.0	709.7	926.0	6.0	-7.5	278.3	10.3	10.2	-1.5	285.9	296.5	4.0	62.9	0.7	85.
2.1	13.0	807.5	915.0	5.5	-1.1	278.9	11.0	10.9	-1.7	286.3	296.6	3.9	62.5	1.0	88.
2.5	14.0	906.5	904.0	5.6	-0.5	278.3	12.2	12.0	-1.8	287.5	298.5	4.1	64.7	1.2	91.
2.8	15.0	1006.7	893.0	5.6	-0.5	274.9	13.1	13.1	-1.1	288.5	299.6	4.1	64.5	1.5	92.
3.3	16.0	1117.4	881.0	5.1	-1.0	270.7	14.8	14.8	-0.2	289.1	300.0	4.0	64.4	1.9	92.
3.6	17.0	1219.9	870.0	4.6	-3.0	268.9	16.1	16.0	0.3	289.5	299.2	3.5	57.9	2.2	92.
4.1	18.0	1323.5	859.0	3.8	-4.2	267.0	18.1	18.0	1.0	289.6	298.6	3.3	56.0	2.7	91.
4.4	19.0	1428.1	848.0	3.1	-4.3	265.6	17.2	17.2	1.3	290.0	299.0	3.3	58.3	3.0	90.
4.7	20.0	1524.2	838.0	2.4	-3.7	264.0	16.8	16.7	1.8	290.3	299.8	3.5	63.7	3.3	90.
5.3	21.0	1650.5	825.0	1.6	-3.8	262.2	15.8	15.7	2.2	290.7	300.4	3.5	67.5	3.9	89.
5.5	22.0	1758.6	814.0	0.9	-4.4	262.1	15.3	15.2	2.1	291.1	300.5	3.4	67.4	4.1	88.
6.0	23.0	1857.8	804.0	-0.4	-5.6	262.3	15.4	15.3	2.1	290.7	299.4	3.1	67.8	4.5	88.
6.4	24.0	1957.8	794.0	-1.0	-5.3	262.6	19.2	19.0	2.5	291.1	299.4	3.0	67.4	4.9	87.
6.7	25.0	2058.9	784.0	-1.8	-9.1	262.5	20.5	20.3	2.7	291.2	298.1	2.5	57.5	5.3	87.
7.1	26.0	2181.6	772.0	-1.8	-12.8	261.5	21.5	21.3	3.2	292.4	297.7	1.9	42.7	5.8	87.
7.5	27.0	2285.3	762.0	-2.3	-17.0	259.3	23.7	23.3	4.4	292.9	296.8	1.3	31.1	6.3	86.
7.8	28.0	2390.2	752.0	-2.0	-24.5	258.1	25.0	24.5	5.1	294.3	296.4	0.7	15.8	6.8	86.
8.2	29.0	2496.5	742.0	-2.6	-24.3	257.2	26.7	26.0	5.9	294.7	296.9	0.7	16.8	7.4	85.
8.6	30.0	2593.1	733.0	-3.2	-25.1	257.1	28.1	27.3	6.3	295.1	297.2	0.7	16.4	8.0	84.
8.9	31.0	2701.6	723.0	-4.0	-27.1	257.5	28.9	28.2	6.3	295.4	297.2	0.6	14.4	8.6	84.
9.2	32.0	2800.4	714.0	-4.1	-29.4	257.7	29.7	29.0	6.3	296.3	297.7	0.5	11.8	9.1	83.
9.6	33.0	2911.4	704.0	-4.8	-27.7	257.7	30.8	30.1	6.6	296.8	298.5	0.6	14.5	9.8	83.
9.9	34.0	3001.2	696.0	-5.5	-26.3	256.9	31.8	31.0	7.2	296.9	298.9	0.6	17.6	10.3	83.
10.3	35.0	3114.6	686.0	-5.7	-26.4	254.9	33.2	32.1	8.6	298.0	300.0	0.6	17.6	11.2	82.
10.6	36.0	3241.2	675.0	-6.3	-26.9	253.2	34.2	32.7	9.9	298.7	300.7	0.6	17.6	11.8	82.
11.1	37.0	3346.0	666.0	-6.9	-26.0	250.5	35.3	33.3	11.8	299.2	301.3	0.7	20.0	12.8	81.
11.4	38.0	3452.1	657.0	-7.6	-25.6	249.5	35.3	33.1	12.3	299.5	301.6	0.7	20.1	13.5	81.
11.7	39.0	3559.2	648.0	-8.3	-29.2	249.3	34.8	32.5	12.3	299.8	301.7	0.6	18.3	14.1	80.
12.1	40.0	3667.6	639.0	-9.2	-29.2	249.6	33.8	31.7	11.8	300.0	301.7	0.5	17.8	14.9	79.
12.6	41.0	3789.4	629.0	-9.9	-29.8	250.8	33.0	31.1	10.8	300.6	302.2	0.5	17.9	15.8	79.
13.0	42.0	3900.3	620.0	-11.0	-30.3	251.8	32.6	31.0	10.2	300.6	302.2	0.5	18.4	16.6	78.
13.4	43.0	3999.9	612.0	-12.0	-31.1	252.9	32.5	31.1	9.5	300.6	302.1	0.5	18.5	17.5	78.
13.8	44.0	4113.2	603.0	-12.1	-32.3	254.4	33.6	32.4	9.0	301.7	303.1	0.4	16.6	18.1	78.
14.2	45.0	4215.3	595.0	-12.4	-30.7	255.6	35.8	34.7	8.9	302.5	304.2	0.5	19.9	18.9	78.
14.6	46.0	4318.7	587.0	-12.7	-29.0	256.3	38.7	37.6	9.2	303.4	305.3	0.6	23.8	19.8	78.
14.9	47.0	4423.3	579.0	-13.4	-28.6	256.2	40.9	39.7	9.8	303.8	305.8	0.6	26.2	20.6	78.
15.4	48.0	4529.1	571.0	-13.8	-29.0	255.7	43.8	42.4	10.8	304.5	306.4	0.6	26.3	21.8	78.
15.7	49.0	4649.8	562.0	-14.2	-28.6	255.1	44.7	43.2	11.5	305.4	307.4	0.6	28.1	22.7	78.
16.1	50.0	4758.4	554.0	-15.2	-24.2	254.1	45.2*	43.5	12.4	305.5	306.6	1.0	45.9	23.8	77.
16.6	51.0	4882.1	545.0	-15.7	-23.8	252.2	45.3*	43.2	13.9	306.3	309.5	1.0	49.6	25.2	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
1116 GMT

162 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.0	52.0	4993.6	537.0	-16.1	-23.3	250.7	46.1*	43.6	15.2	307.1	310.5	1.1	53.9	26.1	77.
17.4	53.0	5106.5	529.0	-16.8	-23.7	250.3	47.4*	44.6	16.0	307.6	311.0	1.1	54.8	27.2	77.
17.7	54.0	5220.7	521.0	-17.9	-23.8	250.4	47.8*	45.0	16.0	307.6	311.0	1.1	59.6	28.2	76.
18.1	55.0	5321.7	514.0	-18.9	-23.6	251.0	48.0*	45.4	15.7	307.7	311.2	1.1	66.0	29.5	76.
18.6	56.0	5453.1	505.0	-19.8	-24.9	252.2	49.0*	46.7	15.0	308.1	311.3	1.0	63.5	30.6	76.
18.9	57.0	5571.5	497.0	-20.6	-24.7	252.8	50.6*	48.3	14.9	308.5	311.8	1.0	69.7	31.6	76.
19.3	58.0	5676.5	490.0	-20.6	-26.5	253.2	53.0*	50.7	15.3	309.7	312.6	0.9	58.8	32.9	76.
19.7	59.0	5798.1	482.0	-21.6	-27.8	253.1	55.0*	52.6	16.0	310.0	312.6	0.8	56.7	34.1	76.
20.1	60.0	5905.8	475.0	-22.1	-28.7	252.7	55.8*	53.3	16.6	310.7	313.1	0.7	54.9	35.5	76.
20.6	61.0	6014.9	468.0	-22.8	-29.6	251.9	54.8*	52.1	17.1	311.2	313.4	0.7	53.2	37.4	75.
20.9	62.0	6125.3	461.0	-23.5	-30.8	251.2	54.2*	51.3	17.5	311.5	313.6	0.6	51.0	38.2	75.
21.2	63.0	6237.0	454.0	-24.2	-32.6	250.3	55.0*	51.8	18.5	312.0	313.8	0.5	45.7	39.1	75.
21.7	64.0	6350.3	447.0	-24.3	-36.6	249.0	57.7*	53.8	20.6	313.2	314.5	0.4	31.0	40.7	75.
22.0	65.0	6448.7	441.0	-25.1	-33.7	248.4	59.3*	55.1	21.9	313.4	314.5	0.3	26.7	41.8	75.
22.4	66.0	6598.2	432.0	-26.2	-41.1	248.0	59.9*	55.5	22.5	313.9	314.8	0.2	23.0	43.6	75.
22.9	67.0	6716.1	425.0	-27.2	-41.6	248.1	59.5*	55.2	22.2	314.1	314.9	0.2	23.8	44.7	74.
23.3	68.0	6818.3	419.0	-28.4	-41.5	248.7	56.3*	52.5	20.5	313.8	314.6	0.2	26.8	46.8	74.
23.7	69.0	6938.8	412.0	-29.5	-41.7	249.9	52.7*	49.5	18.1	314.0	314.8	0.2	29.2	48.2	74.
24.1	70.0	7043.4	406.0	-30.3	-41.6	251.7	51.6*	48.9	16.2	314.3	315.1	0.2	31.7	48.7	74.
24.6	71.0	7184.6	398.0	-31.6	-42.3	253.5	58.6*	56.2	16.7	314.4	315.2	0.2	33.3	50.4	74.
25.0	72.0	7310.0	391.0	-32.2	-42.3	253.8	65.6*	63.0	18.4	315.1	315.9	0.2	35.5	51.7	74.
25.4	73.0	7418.5	385.0	-33.3	-44.3	253.4	64.2*	61.5	18.4	315.1	315.8	0.2	31.7	54.2	74.
25.8	74.0	7529.1	379.0	-33.9	-47.6	252.8	60.3*	57.6	17.8	315.6	316.1	0.1	23.4	55.4	74.
26.3	75.0	7640.8	373.0	-34.3	-49.6	251.5	65.2*	61.8	20.6	316.6	317.0	0.1	19.3	56.8	74.
26.7	76.0	7754.1	367.0	-35.1	-52.6	250.5	59.4	56.0	19.8	317.0	317.3	0.1	14.7	58.4	74.
27.2	77.0	7868.8	361.0	-36.2	-53.4	999.9	99.9	99.9	99.9	317.0	317.3	0.1	14.8	999.9	999.
27.7	78.0	7984.8	355.0	-37.4	-53.8	999.9	99.9	99.9	99.9	317.0	317.2	0.1	15.9	999.9	999.
28.0	79.0	8102.2	349.0	-38.6	-54.6	999.9	99.9	99.9	99.9	316.9	317.1	0.1	16.5	999.9	999.
28.5	80.0	8221.1	343.0	-39.5	-54.9	999.9	99.9	99.9	99.9	317.2	317.4	0.1	17.5	999.9	999.
29.0	81.0	8361.9	336.0	-40.8	99.9	999.9	99.9	99.9	99.9	317.5	999.9	99.9	999.9	999.9	999.
29.4	82.0	8484.2	330.0	-42.0	99.9	999.9	99.9	99.9	99.9	317.4	999.9	99.9	999.9	999.9	999.
29.9	83.0	8587.3	325.0	-43.0	99.9	999.9	99.9	99.9	99.9	317.5	999.9	99.9	999.9	999.9	999.
30.3	84.0	8712.6	319.0	-44.2	99.9	999.9	99.9	99.9	99.9	317.4	999.9	99.9	999.9	999.9	999.
30.7	85.0	8818.4	314.0	-45.0	99.9	999.9	99.9	99.9	99.9	317.7	999.9	99.9	999.9	999.9	999.
31.3	86.0	8968.6	307.0	-46.3	99.9	999.9	99.9	99.9	99.9	318.0	999.9	99.9	999.9	999.9	999.
31.7	87.0	9099.5	301.0	-47.2	99.9	999.9	99.9	99.9	99.9	318.6	999.9	99.9	999.9	999.9	999.
32.1	88.0	9210.2	296.0	-47.9	99.9	999.9	99.9	99.9	99.9	319.1	999.9	99.9	999.9	999.9	999.
32.6	89.0	9322.3	291.0	-49.1	99.9	999.9	99.9	99.9	99.9	319.0	999.9	99.9	999.9	999.9	999.
33.0	90.0	9435.5	286.0	-49.8	99.9	999.9	99.9	99.9	99.9	319.5	999.9	99.9	999.9	999.9	999.
33.4	91.0	9550.9	281.0	-51.0	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.
33.9	92.0	9691.0	275.0	-52.2	99.9	999.9	99.9	99.9	99.9	319.6	999.9	99.9	999.9	999.9	999.
34.3	93.0	9809.5	270.0	-53.1	99.9	999.9	99.9	99.9	99.9	320.0	999.9	99.9	999.9	999.9	999.
34.7	94.0	9929.6	265.0	-54.4	99.9	999.9	99.9	99.9	99.9	319.8	999.9	99.9	999.9	999.9	999.
35.2	95.0	10051.6	260.0	-54.7	99.9	999.9	99.9	99.9	99.9	321.1	999.9	99.9	999.9	999.9	999.
35.7	96.0	10200.9	254.0	-54.9	99.9	999.9	99.9	99.9	99.9	323.0	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
1116 GMT

162 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.2	97.0	10302.2	250.0	-55.7	99.9	999.9	99.9	99.9	99.9	323.3	999.9	99.9	999.9	999.9	999.
36.6	98.0	10430.7	245.0	-56.3	99.9	999.9	99.9	99.9	99.9	324.2	999.9	99.9	999.9	999.9	999.
37.1	99.0	10561.6	240.0	-56.5	99.9	999.9	99.9	99.9	99.9	325.9	999.9	99.9	999.9	999.9	999.
37.6	100.0	10695.1	235.0	-57.0	99.9	999.9	99.9	99.9	99.9	327.1	999.9	99.9	999.9	999.9	999.
38.2	101.0	10831.3	230.0	-56.7	99.9	999.9	99.9	99.9	99.9	329.6	999.9	99.9	999.9	999.9	999.
38.6	102.0	10942.8	226.0	-56.0	99.9	999.9	99.9	99.9	99.9	332.3	999.9	99.9	999.9	999.9	999.
39.0	103.0	11084.7	221.0	-57.0	99.9	999.9	99.9	99.9	99.9	332.9	999.9	99.9	999.9	999.9	999.
39.3	104.0	11200.2	217.0	-57.8	99.9	999.9	99.9	99.9	99.9	333.4	999.9	99.9	999.9	999.9	999.
39.8	105.0	11317.4	213.0	-58.1	99.9	999.9	99.9	99.9	99.9	334.6	999.9	99.9	999.9	999.9	999.
40.3	106.0	11436.8	209.0	-58.3	99.9	999.9	99.9	99.9	99.9	336.2	999.9	99.9	999.9	999.9	999.
40.7	107.0	11558.1	205.0	-59.3	99.9	999.9	99.9	99.9	99.9	336.4	999.9	99.9	999.9	999.9	999.
41.3	108.0	11681.7	201.0	-58.7	99.9	999.9	99.9	99.9	99.9	339.4	999.9	99.9	999.9	999.9	999.
41.8	109.0	11840.2	196.0	-58.0	99.9	999.9	99.9	99.9	99.9	342.9	999.9	99.9	999.9	999.9	999.
42.2	110.0	11939.2	193.0	-54.6	99.9	999.9	99.9	99.9	99.9	349.9	999.9	99.9	999.9	999.9	999.
42.8	111.0	12107.2	188.0	-52.2	99.9	999.9	99.9	99.9	99.9	356.3	999.9	99.9	999.9	999.9	999.
43.3	112.0	12246.1	184.0	-53.0	99.9	999.9	99.9	99.9	99.9	357.3	999.9	99.9	999.9	999.9	999.
43.8	113.0	12387.5	180.0	-53.9	99.9	999.9	99.9	99.9	99.9	358.0	999.9	99.9	999.9	999.9	999.
44.3	114.0	12531.7	176.0	-54.4	99.9	999.9	99.9	99.9	99.9	359.5	999.9	99.9	999.9	999.9	999.
44.8	115.0	12641.9	173.0	-54.2	99.9	999.9	99.9	99.9	99.9	361.6	999.9	99.9	999.9	999.9	999.
45.3	116.0	12829.9	168.0	-54.2	99.9	999.9	99.9	99.9	99.9	364.6	999.9	99.9	999.9	999.9	999.
45.8	117.0	12945.4	165.0	-54.4	99.9	999.9	99.9	99.9	99.9	366.2	999.9	99.9	999.9	999.9	999.
46.3	118.0	13102.4	161.0	-55.2	99.9	999.9	99.9	99.9	99.9	367.5	999.9	99.9	999.9	999.9	999.
46.8	119.0	13222.2	158.0	-56.3	99.9	999.9	99.9	99.9	99.9	367.6	999.9	99.9	999.9	999.9	999.
47.3	120.0	13384.9	154.0	-56.7	99.9	999.9	99.9	99.9	99.9	369.7	999.9	99.9	999.9	999.9	999.
47.9	121.0	13509.3	151.0	-57.8	99.9	999.9	99.9	99.9	99.9	369.8	999.9	99.9	999.9	999.9	999.
48.4	122.0	13678.7	147.0	-57.8	99.9	999.9	99.9	99.9	99.9	372.6	999.9	99.9	999.9	999.9	999.
49.0	123.0	13808.5	144.0	-58.7	99.9	999.9	99.9	99.9	99.9	373.4	999.9	99.9	999.9	999.9	999.
49.4	124.0	13940.7	141.0	-58.8	99.9	999.9	99.9	99.9	99.9	375.3	999.9	99.9	999.9	999.9	999.
50.0	125.0	14075.8	138.0	-58.7	99.9	999.9	99.9	99.9	99.9	377.9	999.9	99.9	999.9	999.9	999.
50.7	126.0	14260.3	134.0	-59.3	99.9	999.9	99.9	99.9	99.9	379.9	999.9	99.9	999.9	999.9	999.
51.2	127.0	14401.9	131.0	-59.9	99.9	999.9	99.9	99.9	99.9	381.5	999.9	99.9	999.9	999.9	999.
51.7	128.0	14595.6	127.0	-60.0	99.9	999.9	99.9	99.9	99.9	384.6	999.9	99.9	999.9	999.9	999.
52.2	129.0	14744.9	124.0	-59.9	99.9	999.9	99.9	99.9	99.9	387.5	999.9	99.9	999.9	999.9	999.
52.7	130.0	14897.8	121.0	-60.0	99.9	999.9	99.9	99.9	99.9	389.9	999.9	99.9	999.9	999.9	999.
53.2	131.0	15054.1	118.0	-61.3	99.9	999.9	99.9	99.9	99.9	390.4	999.9	99.9	999.9	999.9	999.
53.8	132.0	15213.5	115.0	-62.4	99.9	999.9	99.9	99.9	99.9	391.3	999.9	99.9	999.9	999.9	999.
54.4	133.0	15376.6	112.0	-62.5	99.9	999.9	99.9	99.9	99.9	393.9	999.9	99.9	999.9	999.9	999.
55.1	134.0	15543.9	109.0	-63.1	99.9	999.9	99.9	99.9	99.9	396.0	999.9	99.9	999.9	999.9	999.
55.8	135.0	15657.9	107.0	-63.1	99.9	999.9	99.9	99.9	99.9	398.1	999.9	99.9	999.9	999.9	999.
56.4	136.0	15892.7	103.0	-62.4	99.9	999.9	99.9	99.9	99.9	403.8	999.9	99.9	999.9	999.9	999.
57.1	137.0	16075.5	100.0	-61.6	99.9	999.9	99.9	99.9	99.9	408.7	999.9	99.9	999.9	999.9	999.
57.8	138.0	16254.3	97.0	-61.6	99.9	999.9	99.9	99.9	99.9	412.3	999.9	99.9	999.9	999.9	999.
58.6	139.0	16458.9	94.0	-61.6	99.9	999.9	99.9	99.9	99.9	416.0	999.9	99.9	999.9	999.9	999.
59.4	140.0	16728.4	90.0	-61.4	99.9	999.9	99.9	99.9	99.9	421.5	999.9	99.9	999.9	999.9	999.
60.1	141.0	16938.1	87.0	-62.5	99.9	999.9	99.9	99.9	99.9	423.5	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
1116 GMT

162 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.0	142.0	17154.3	84.0	-63.1	99.9	999.9	99.9	99.9	99.9	426.6	999.9	99.9	999.9	999.9	999.
61.9	143.0	17377.1	81.0	-65.0	99.9	999.9	99.9	99.9	99.9	427.2	999.9	99.9	999.9	999.9	999.
62.7	144.0	17607.3	78.0	-64.8	99.9	999.9	99.9	99.9	99.9	432.2	999.9	99.9	999.9	999.9	999.
63.4	145.0	17765.9	76.0	-64.8	99.9	999.9	99.9	99.9	99.9	435.4	999.9	99.9	999.9	999.9	999.
64.2	146.0	18012.2	73.0	-63.8	99.9	999.9	99.9	99.9	99.9	442.5	999.9	99.9	999.9	999.5	999.
65.0	147.0	18270.5	70.0	-62.2	99.9	999.9	99.9	99.9	99.9	451.4	999.9	99.9	999.9	999.9	999.
65.8	148.0	18541.6	67.0	-61.6	99.9	999.9	99.9	99.9	99.9	458.3	999.9	99.9	999.9	999.9	999.
66.6	149.0	18824.9	64.0	-62.4	99.9	999.9	99.9	99.9	99.9	462.7	999.9	99.9	999.9	999.9	999.
67.4	150.0	19020.9	62.0	-62.5	99.9	999.9	99.9	99.9	99.9	466.5	999.9	99.9	999.9	999.9	999.
68.3	151.0	19326.5	59.0	-63.1	99.9	999.9	99.9	99.9	99.9	472.0	999.9	99.9	999.9	999.9	999.
69.2	152.0	19648.1	56.0	-62.4	99.9	999.9	99.9	99.9	99.9	480.7	999.9	99.9	999.9	999.9	999.
70.2	153.0	19872.7	54.0	-62.4	99.9	999.9	99.9	99.9	99.9	485.8	999.9	99.9	999.9	999.9	999.
71.2	154.0	20224.7	51.0	-63.5	99.9	999.9	99.9	99.9	99.9	491.2	999.9	99.9	999.9	999.9	999.
72.2	155.0	20595.2	48.0	-65.6	99.9	999.9	99.9	99.9	99.9	494.7	999.9	99.9	999.9	999.9	999.
73.2	156.0	20855.5	46.0	-63.1	99.9	999.9	99.9	99.9	99.9	506.8	999.9	99.9	999.9	999.9	999.
74.3	157.0	21273.3	43.0	-60.2	99.9	999.9	99.9	99.9	99.9	523.7	999.9	99.9	999.9	999.9	999.
75.6	158.0	21722.2	40.0	-62.4	99.9	999.9	99.9	99.9	99.9	529.3	999.9	99.9	999.9	999.9	999.
76.8	159.0	22037.6	38.0	-64.0	99.9	999.9	99.9	99.9	99.9	532.8	999.9	99.9	999.9	999.9	999.
78.0	160.0	22540.4	35.0	-64.8	99.9	999.9	99.9	99.9	99.9	543.5	999.9	99.9	999.9	999.9	999.
79.3	161.0	22901.0	33.0	-63.1	99.9	999.9	99.9	99.9	99.9	557.3	999.9	99.9	999.9	999.9	999.
80.5	162.0	23486.4	30.0	-63.8	99.9	999.9	99.9	99.9	99.9	570.6	999.9	99.9	999.9	999.9	999.
81.8	163.0	24131.0	27.0	-64.8	99.9	999.9	99.9	99.9	99.9	585.4	999.9	99.9	999.9	999.9	999.
83.3	164.0	24604.4	25.0	-61.4	99.9	999.9	99.9	99.9	99.9	608.0	999.9	99.9	999.9	999.9	999.
85.1	165.0	25400.1	22.0	-59.9	99.9	999.9	99.9	99.9	99.9	635.4	999.9	99.9	999.9	999.9	999.
86.8	166.0	25994.6	20.0	-60.6	99.9	999.9	99.9	99.9	99.9	650.8	999.9	99.9	999.9	999.9	999.
88.7	167.0	27014.8	17.0	-57.1	99.9	999.9	99.9	99.9	99.9	692.7	999.9	99.9	999.9	999.9	999.
90.8	168.0	27802.4	15.0	-59.5	99.9	999.9	99.9	99.9	99.9	710.1	999.9	99.9	999.9	999.9	999.

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
1439 GMT

150 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	275.0	975.4	5.0	5.0	200.0	5.1	1.7	4.8	280.9	295.2	5.6	100.0	0.0	0.
0.3	8.0	286.7	974.0	4.5	3.3	227.3	7.7	5.6	5.2	280.4	293.2	5.0	91.7	0.1	51.
0.6	9.0	370.8	964.0	3.7	3.2	232.4	7.8	6.2	4.8	280.4	293.3	5.0	97.0	0.2	50.
0.9	10.0	464.0	953.0	3.2	1.4	246.1	8.5	7.8	3.5	280.7	292.2	4.4	88.1	0.3	49.
1.3	11.0	575.5	940.0	3.3	-0.3	267.3	11.1	11.1	0.5	281.9	292.4	4.0	77.3	0.5	62.
1.7	12.0	579.9	928.0	4.0	-5.1	278.4	14.2	14.0	-2.1	283.5	291.1	2.8	51.3	0.8	74.
2.1	13.0	768.4	918.0	6.6	-4.4	282.8	16.2	15.8	-3.6	287.1	295.3	3.0	45.2	1.1	83.
2.4	14.0	867.3	907.0	5.9	-5.4	284.0	16.7	16.2	-4.0	287.3	295.1	2.8	44.1	1.4	87.
2.8	15.0	967.0	896.0	5.2	-5.6	284.5	16.8	16.3	-4.2	287.6	295.3	2.8	45.5	1.8	91.
3.2	16.0	1086.2	883.0	4.2	-6.1	283.3	17.1	16.6	-3.9	287.7	295.3	2.7	47.0	2.2	94.
3.6	17.0	1178.7	873.0	3.3	-6.2	281.0	17.4	17.1	-3.3	287.8	295.3	2.7	49.4	2.6	95.
3.9	18.0	1281.3	862.0	2.2	-6.1	279.4	17.3	17.1	-2.8	287.6	295.3	2.8	54.1	2.9	96.
4.3	19.0	1375.5	852.0	1.3	-6.0	275.8	17.0	16.9	-1.7	287.7	295.6	2.9	57.9	3.3	96.
4.6	20.0	1470.5	842.0	0.8	-7.3	272.3	16.8	16.8	-0.7	288.1	295.4	2.6	54.4	3.6	96.
5.0	21.0	1595.4	829.0	0.5	-9.4	267.1	17.3	17.2	0.9	289.0	295.4	2.3	47.3	4.1	95.
5.3	22.0	1692.8	819.0	0.2	-11.2	263.3	17.0	16.9	2.0	289.7	295.3	2.0	42.0	4.4	94.
5.7	23.0	1801.0	808.0	-0.6	-12.6	260.4	18.3	18.0	3.0	289.9	295.0	1.8	39.7	4.8	93.
6.1	24.0	1890.5	799.0	-0.6	-16.7	260.9	21.0	20.7	3.3	290.8	294.5	1.3	28.3	5.2	92.
6.4	25.0	1991.2	789.0	-0.3	-19.9	263.0	23.0	22.8	2.8	292.1	295.1	1.0	21.1	5.6	91.
6.8	26.0	2124.0	776.0	-0.4	-29.6	263.0	23.8	23.6	2.9	293.3	294.6	0.4	8.8	6.2	91.
7.2	27.0	2217.2	767.0	-0.8	-29.2	261.2	24.5	24.2	3.8	293.9	295.3	0.4	9.4	6.7	90.
7.6	28.0	2332.3	756.0	-1.2	-31.7	258.8	25.8	25.3	5.0	294.6	295.7	0.4	7.6	7.3	89.
7.9	29.0	2427.6	747.0	-1.9	-33.0	257.5	26.5	25.8	5.7	294.9	295.9	0.3	7.1	7.8	88.
8.3	30.0	2534.6	737.0	-2.4	-32.4	256.0	27.1	26.3	6.5	295.5	296.6	0.3	7.7	8.4	88.
8.6	31.0	2632.0	728.0	-3.1	-32.1	255.1	27.4	26.4	7.0	295.7	296.8	0.3	8.4	8.9	87.
8.9	32.0	2741.2	718.0	-3.9	-32.6	254.2	27.4	26.3	7.4	296.0	297.1	0.3	8.5	9.4	86.
9.3	33.0	2851.7	708.0	-4.8	-33.2	253.6	26.8	25.8	7.6	296.2	297.3	0.3	8.6	10.1	85.
9.6	34.0	2952.1	699.0	-5.4	-33.0	253.6	26.2	25.1	7.4	296.6	297.7	0.3	9.2	10.6	85.
10.0	35.0	3053.7	690.0	-6.0	-34.0	254.6	25.0	24.1	6.7	297.0	298.0	0.3	8.7	11.2	84.
10.4	36.0	3179.2	679.0	-7.2	-36.3	256.9	23.9	23.3	5.4	297.1	297.9	0.2	7.6	11.7	84.
10.8	37.0	3283.0	670.0	-7.8	-43.2	259.0	23.4	23.0	4.5	297.5	297.9	0.1	3.8	12.3	83.
11.1	38.0	3388.0	661.0	-8.6	-43.6	260.0	23.4	23.0	4.0	297.8	298.3	0.1	3.9	12.7	83.
11.4	39.0	3494.1	652.0	-9.0	-42.4	260.1	23.8	23.4	4.1	298.5	299.0	0.1	4.6	13.1	83.
11.8	40.0	3601.5	643.0	-9.7	-40.5	259.0	24.8	24.4	4.7	298.9	299.5	0.2	6.0	13.7	83.
12.2	41.0	3734.6	632.0	-10.3	-39.1	257.5	26.2	25.6	5.6	299.7	300.4	0.2	7.3	14.3	83.
12.6	42.0	3844.8	623.0	-11.0	-37.4	256.3	27.6	26.8	6.5	300.1	300.9	0.2	9.2	14.9	83.
12.9	43.0	3944.0	615.0	-11.7	-36.7	255.8	28.5	27.6	7.0	300.4	301.3	0.3	10.4	15.4	82.
13.2	44.0	4056.6	606.0	-12.9	-36.5	255.6	29.1	28.2	7.2	300.4	301.3	0.3	11.7	16.0	82.
13.6	45.0	4170.6	597.0	-13.4	-36.0	255.7	29.7	28.8	7.3	301.0	302.0	0.3	12.8	16.7	82.
13.9	46.0	4285.9	588.0	-14.7	-35.8	256.0	30.2	29.3	7.3	300.9	301.9	0.3	14.6	17.2	82.
14.3	47.0	4389.5	580.0	-15.5	-36.1	256.6	31.0	30.2	7.2	301.1	302.1	0.3	15.2	17.9	82.
14.6	48.0	4494.2	572.0	-15.9	-33.3	257.1	32.0	31.2	7.2	301.8	303.1	0.4	20.6	18.5	81.
15.0	49.0	4613.5	563.0	-17.0	-31.9	257.7	34.1	33.3	7.3	301.9	303.4	0.5	26.1	19.3	81.
15.4	50.0	4720.8	555.0	-17.3	-28.1	257.7	38.6	37.7	8.2	302.8	305.0	0.7	38.0	20.0	81.
15.8	51.0	4857.0	545.0	-18.0	-26.6	257.3	43.9	42.8	9.7	303.6	306.1	0.8	46.4	20.9	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
1439 GMT

150 21. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.2	52.0	4967.5	537.0	-18.4	-24.0	256.4	48.0	46.7	11.3	304.4	307.6	1.0	61.3	22.2	81.
16.6	53.0	5079.4	529.0	-19.3	-22.8	255.2	50.2	48.6	12.8	304.6	308.2	1.1	73.5	23.5	81.
16.9	54.0	5192.6	521.0	-19.7	-22.4	254.1	50.5	48.6	13.9	305.5	309.2	1.2	79.0	24.4	80.
17.4	55.0	5307.5	513.0	-19.9	-24.2	252.5	51.9	49.5	15.7	306.6	310.0	1.0	68.2	25.7	80.
17.8	56.0	5438.7	504.0	-20.7	-27.2	251.6	54.1*	51.3	17.1	307.2	309.8	0.8	55.4	27.1	79.
18.2	57.0	5556.9	496.0	-21.5	-26.2	250.6	55.6*	52.4	18.4	307.6	310.5	0.9	65.2	28.4	79.
18.5	58.0	5676.8	488.0	-21.5	-37.0	249.8	56.0*	52.6	19.4	309.0	310.1	0.3	23.1	29.3	79.
18.9	59.0	5798.5	480.0	-22.3	-36.0	248.5	53.9*	50.1	19.8	309.5	310.5	0.3	22.3	30.9	78.
19.3	60.0	5906.2	473.0	-23.5	-35.4	247.9	52.0*	48.2	19.5	309.3	310.2	0.3	21.5	32.1	78.
19.6	61.0	6030.8	465.0	-24.1	-40.3	248.2	51.5*	47.8	19.1	310.0	310.8	0.2	20.6	32.8	78.
20.1	62.0	6141.2	458.0	-25.3	-39.3	250.1	53.8*	50.6	18.3	309.8	310.8	0.3	25.6	34.3	77.
20.4	63.0	6252.9	451.0	-26.1	-38.8	251.5	56.4*	53.5	17.9	310.2	311.2	0.3	28.9	35.3	77.
20.7	64.0	6365.9	444.0	-26.8	-36.8	252.8	58.3*	55.7	17.3	310.8	312.0	0.4	37.7	36.4	77.
21.1	65.0	6496.8	436.0	-28.0	-35.2	254.1	59.8*	57.5	16.4	310.9	312.3	0.4	49.4	37.9	77.
21.5	66.0	6646.5	427.0	-28.5	-34.1	254.8	59.4*	57.4	15.6	312.1	313.7	0.5	58.1	39.4	77.
21.9	67.0	6747.8	421.0	-29.1	-33.7	254.4	58.0*	55.8	15.6	312.5	314.3	0.5	64.5	40.8	77.
22.2	68.0	6867.7	414.0	-29.3	-35.9	253.9	57.3*	55.0	15.9	313.8	315.3	0.4	52.1	41.8	77.
22.6	69.0	6989.3	407.0	-30.3	-37.4	253.2	57.3*	54.9	16.5	314.0	315.3	0.4	49.4	43.1	76.
23.0	70.0	7112.5	400.0	-31.1	-39.0	252.7	59.4*	56.7	17.7	314.5	315.6	0.3	45.2	44.6	76.
23.4	71.0	7255.3	392.0	-32.4	-42.2	251.3	62.5*	59.2	20.1	314.6	315.4	0.2	36.6	45.5	76.
23.8	72.0	7382.2	385.0	-33.2	-42.7	249.0	61.8*	57.7	22.1	315.2	316.0	0.2	37.4	47.7	76.
24.2	73.0	7492.4	379.0	-34.3	-43.4	246.6	59.4*	54.5	23.6	315.2	316.0	0.2	38.6	49.3	76.
24.6	74.0	7622.5	372.0	-35.3	-44.1	244.8	58.3*	52.8	24.8	315.5	316.2	0.2	40.0	50.2	76.
24.9	75.0	7754.5	365.0	-36.5	-44.4	245.0	61.7*	55.9	26.1	315.6	316.3	0.2	43.4	51.0	75.
25.3	76.0	7869.1	359.0	-37.6	-44.9	245.6	66.6*	60.7	27.5	315.7	316.4	0.2	45.9	52.6	75.
25.7	77.0	7985.2	353.0	-38.7	-45.6	245.6	67.6*	61.5	27.9	315.7	316.4	0.2	47.6	54.7	75.
26.1	78.0	8122.4	346.0	-39.8	-46.1	244.9	64.5*	58.4	27.3	316.1	316.7	0.2	50.0	56.6	75.
26.5	79.0	8241.8	340.0	-40.7	99.9	244.3	62.0*	55.9	26.9	316.5	999.9	99.9	999.9	57.0	74.
26.9	80.0	8362.7	334.0	-41.8	99.9	245.1	67.5*	61.2	28.4	316.6	999.9	99.9	999.9	58.9	74.
27.5	81.0	8526.6	326.0	-43.0	99.9	245.4	72.4*	65.8	30.1	317.1	999.9	99.9	999.9	61.2	74.
27.9	82.0	8651.5	320.0	-44.0	99.9	243.7	65.6*	58.8	29.1	317.4	999.9	99.9	999.9	64.0	73.
28.3	83.0	8778.2	314.0	-45.1	99.9	241.2	59.8*	52.4	28.8	317.6	999.9	99.9	999.9	64.8	73.
28.8	84.0	8885.2	309.0	-46.1	99.9	238.5	57.5*	49.1	30.1	317.6	999.9	99.9	999.9	66.0	73.
29.2	85.0	9015.3	303.0	-47.0	99.9	238.2	60.5*	51.4	31.9	318.2	999.9	99.9	999.9	67.9	72.
29.7	86.0	9169.6	296.0	-48.6	99.9	240.5	70.6*	61.4	34.7	318.1	999.9	99.9	999.9	69.4	72.
30.1	87.0	9281.3	291.0	-49.8	99.9	243.0	81.1*	72.2	36.9	318.0	999.9	99.9	999.9	70.0	72.
30.5	88.0	9417.3	285.0	-50.8	99.9	244.5	85.3*	77.0	36.8	318.4	999.9	99.9	999.9	74.0	72.
30.9	89.0	9555.7	279.0	-51.4	99.9	244.0	69.9*	62.8	30.7	319.4	999.9	99.9	999.9	76.7	71.
31.4	90.0	9673.1	274.0	-51.6	99.9	243.6	58.5*	52.4	26.0	320.9	999.9	99.9	999.9	76.5	71.
31.7	91.0	9792.4	269.0	-52.5	99.9	244.4	61.4*	55.4	26.6	321.2	999.9	99.9	999.9	77.3	71.
32.1	92.0	9913.3	264.0	-53.6	99.9	245.6	68.5*	62.3	28.3	321.4	999.9	99.9	999.9	79.4	71.
32.5	93.0	10060.9	258.0	-54.4	99.9	246.4	67.9*	62.2	27.2	322.3	999.9	99.9	999.9	82.3	71.
32.9	94.0	10186.0	253.0	-55.5	99.9	246.7	52.0*	47.7	20.5	322.5	999.9	99.9	999.9	83.3	71.
33.4	95.0	10313.0	248.0	-56.2	99.9	246.6	40.5*	37.1	16.1	323.3	999.9	99.9	999.9	84.4	71.
33.9	96.0	10468.4	242.0	-57.0	99.9	245.5	52.9*	48.1	21.9	324.4	999.9	99.9	999.9	84.7	71.

\* BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
1439 GMT

150 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.3	97.0	10600.4	237.0	-57.6	99.9	244.9	71.8*	65.0	30.5	325.3	999.9	99.9	999.9	86.2	71.
34.7	98.0	10735.0	232.0	-57.6	99.9	244.0	82.3*	74.0	36.0	327.3	999.9	99.9	999.9	88.7	71.
35.1	99.0	10872.5	227.0	-57.8	99.9	242.4	78.2*	69.3	36.3	329.1	999.9	99.9	999.9	91.6	70.
35.5	100.0	10985.0	223.0	-56.2	99.9	238.1	59.9*	50.8	31.6	333.3	999.9	99.9	999.9	93.6	70.
36.0	101.0	11158.7	217.0	-55.5	99.9	230.5	45.8*	35.3	29.2	336.9	999.9	99.9	999.9	93.7	70.
36.4	102.0	11307.2	212.0	-55.7	99.9	232.9	56.2**	44.6	33.9	338.9	999.9	99.9	999.9	94.8	70.
36.8	103.0	11428.4	208.0	-56.2	99.9	238.2	77.6**	65.9	40.9	340.0	999.9	99.9	999.9	95.8	69.
37.3	104.0	11582.8	203.0	-57.0	99.9	243.1	103.5**	92.3	46.8	341.1	999.9	99.9	999.9	98.8	69.
37.7	105.0	11708.8	199.0	-57.0	99.9	245.8	107.2**	97.7	43.9	343.0	999.9	99.9	999.9	102.2	69.
38.1	106.0	11838.2	195.0	-54.2	99.9	248.0	92.0**	85.3	34.5	349.4	999.9	99.9	999.9	105.4	69.
38.6	107.0	12006.0	190.0	-51.0	99.9	249.4	57.8**	54.1	20.3	357.3	999.9	99.9	999.9	107.7	69.
39.1	108.0	12144.5	186.0	-50.8	99.9	246.5	38.4**	35.2	15.3	359.7	999.9	99.9	999.9	107.7	69.
39.5	109.0	12286.0	182.0	-51.1	99.9	242.4	38.4**	34.0	17.8	361.4	999.9	99.9	999.9	108.8	69.
40.0	110.0	12430.1	178.0	-52.2	99.9	241.5	47.1**	41.4	22.5	362.0	999.9	99.9	999.9	110.1	69.
40.5	111.0	12614.1	173.0	-53.3	99.9	244.5	58.4**	52.7	25.2	363.2	999.9	99.9	999.9	111.6	69.
40.9	112.0	12764.4	169.0	-54.4	99.9	246.8	72.2**	66.4	28.4	363.8	999.9	99.9	999.9	112.8	69.
41.4	113.0	12917.4	165.0	-55.7	99.9	247.4	89.5**	82.6	34.4	364.1	999.9	99.9	999.9	115.5	69.
41.9	114.0	13073.3	161.0	-57.0	99.9	246.7	97.5**	89.5	38.5	364.5	999.9	99.9	999.9	118.6	69.
42.4	115.0	13232.5	157.0	-57.1	99.9	246.5	86.1**	79.0	34.3	366.8	999.9	99.9	999.9	121.7	69.
43.1	116.0	13437.0	152.0	-57.6	99.9	250.3	45.6**	42.9	15.4	369.4	999.9	99.9	999.9	125.4	69.
43.6	117.0	13562.7	149.0	-58.3	99.9	256.8	22.3**	21.7	5.1	370.3	999.9	99.9	999.9	125.0	69.
44.1	118.0	13733.6	145.0	-59.2	99.9	252.2	15.7**	15.0	4.8	371.7	999.9	99.9	999.9	126.0	69.
44.7	119.0	13908.4	141.0	-60.4	99.9	243.9	20.9**	18.8	9.2	372.6	999.9	99.9	999.9	126.0	69.
45.2	120.0	14042.4	138.0	-60.6	99.9	246.2	23.4**	21.4	9.4	374.6	999.9	99.9	999.9	127.3	69.
45.7	121.0	14225.3	134.0	-61.1	99.9	249.1	23.8**	22.2	8.5	376.8	999.9	99.9	999.9	127.9	69.
46.3	122.0	14413.4	130.0	-61.5	99.9	244.4	30.9**	27.8	13.3	379.4	999.9	99.9	999.9	128.4	69.
46.7	123.0	14558.4	127.0	-60.8	99.9	241.4	38.1**	33.4	18.2	383.3	999.9	99.9	999.9	129.4	69.
47.3	124.0	14707.3	124.0	-60.0	99.9	241.2	46.4**	40.7	22.3	387.2	999.9	99.9	999.9	131.0	68.
47.8	125.0	14912.1	120.0	-59.9	99.9	242.4	53.5**	47.4	24.8	391.1	999.9	99.9	999.9	132.4	68.
48.4	126.0	15123.5	116.0	-60.6	99.9	243.8	61.1**	54.8	27.0	393.6	999.9	99.9	999.9	134.2	68.
49.0	127.0	15286.7	113.0	-60.6	99.9	246.5	50.8**	46.6	20.3	396.6	999.9	99.9	999.9	137.6	68.
49.6	128.0	15454.2	110.0	-60.8	99.9	246.2	36.1**	33.0	14.6	399.3	999.9	99.9	999.9	138.6	68.
50.2	129.0	15626.0	107.0	-61.3	99.9	243.3	58.1**	51.9	26.1	401.5	999.9	99.9	999.9	138.5	68.
50.8	130.0	15861.9	103.0	-62.2	99.9	243.6	80.6**	72.2	35.8	404.1	999.9	99.9	999.9	142.6	68.
51.5	131.0	16044.5	100.0	-62.4	99.9	242.9	48.9**	43.5	22.3	407.2	999.9	99.9	999.9	146.0	68.
52.1	132.0	16232.5	97.0	-62.4	99.9	211.0	3.4**	1.8	2.9	410.8	999.9	99.9	999.9	147.1	68.
52.7	133.0	16426.6	94.0	-62.2	99.9	49.9	5.4**	-4.1	-3.5	414.5	999.9	99.9	999.9	145.4	68.
53.2	134.0	16627.7	91.0	-60.8	99.9	269.4	12.4**	12.4	0.1	421.6	999.9	99.9	999.9	145.2	68.
53.8	135.0	16836.3	88.0	-60.8	99.9	258.2	28.4**	27.8	5.8	425.6	999.9	99.9	999.9	146.9	68.
54.7	136.0	17125.3	84.0	-61.3	99.9	245.7	46.6**	42.5	19.2	430.3	999.9	99.9	999.9	148.4	68.
55.4	137.0	17350.2	81.0	-62.6	99.9	240.6	50.1**	43.7	24.6	432.1	999.9	99.9	999.9	151.9	68.
56.3	138.0	17582.9	78.0	-62.9	99.9	246.0	56.7**	51.8	23.1	436.1	999.9	99.9	999.9	153.4	68.
57.2	139.0	17824.2	75.0	-63.3	99.9	247.9	68.8**	63.8	25.9	440.2	999.9	99.9	999.9	157.2	68.
58.0	140.0	18160.8	71.0	-63.7	99.9	246.8	70.6**	64.9	27.8	446.4	999.9	99.9	999.9	158.8	68.
59.0	141.0	18426.8	68.0	-62.0	99.9	244.4	59.3**	53.5	25.6	455.5	999.9	99.9	999.9	163.3	68.

\* BY SPFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPFD MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
1439 GMT

150 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.0	142.0	18706.2	65.0	-61.5	99.9	256.7	36.4**	35.4	8.3	462.6	999.9	99.9	999.9	167.9	68.
61.0	143.0	18998.5	62.0	-62.4	99.9	59.3	11.8**	-10.2	-6.0	466.9	999.9	99.9	999.9	167.8	68.
62.0	144.0	19305.4	59.0	-61.5	99.9	83.2	23.3**	-23.1	-2.8	475.6	999.9	99.9	999.9	165.6	68.
63.0	145.0	19629.2	56.0	-61.1	99.9	246.9	48.8**	44.9	19.2	483.6	999.9	99.9	999.9	168.1	68.
64.1	146.0	19969.9	53.0	-62.7	99.9	246.9	86.4**	79.4	37.9	487.5	999.9	99.9	999.9	170.2	68.
65.2	147.0	20453.5	49.0	-62.7	99.9	238.6	40.6**	34.7	21.2	498.5	999.9	99.9	999.9	179.8	68.
66.3	148.0	20843.3	46.0	-62.4	99.9	47.2	36.1**	-26.4	-24.5	508.5	999.9	99.9	999.9	177.5	68.
67.6	149.0	21259.1	43.0	-62.9	99.9	54.4	23.7**	-19.3	-13.8	517.0	999.9	99.9	999.9	173.2	68.
68.8	150.0	21703.4	40.0	-63.9	99.9	251.3	62.4**	59.1	20.0	525.5	999.9	99.9	999.9	174.5	68.
70.2	151.0	22180.3	37.0	-64.8	99.9	247.7	36.7**	33.9	13.9	534.9	999.9	99.9	999.9	181.8	68.
71.8	152.0	22698.6	34.0	-62.9	99.9	56.0	34.3*	-28.4	-19.2	553.0	999.9	99.9	999.9	180.5	68.
73.3	153.0	23266.6	31.0	-63.5	99.9	260.8	30.8*	30.4	4.9	566.2	999.9	99.9	999.9	178.1	69.
75.1	154.0	23893.4	28.0	-62.4	99.9	250.7	68.5*	64.6	22.6	586.1	999.9	99.9	999.9	186.2	69.
76.9	155.0	24594.9	25.0	-61.3	99.9	61.8	61.8	-54.5	-29.2	608.5	999.9	99.9	999.9	186.9	69.
78.9	156.0	25684.0	21.0	-58.5	99.9	999.9	99.9	99.9	99.9	648.1	999.9	99.9	999.9	999.9	999.

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
1726 GMT

147 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	275.0	976.7	4.9	4.0	220.0	3.6	2.3	2.8	280.6	294.0	5.2	94.0	0.0	0.
0.1	8.0	289.3	975.0	8.4	4.7	242.2	7.2	6.3	3.3	284.3	298.6	5.5	77.6	0.1	50.
0.5	9.0	382.9	964.0	6.8	4.4	242.2	7.2	6.3	3.3	283.6	297.7	5.4	84.4	0.1	50.
0.8	10.0	485.8	952.0	6.1	2.7	249.3	7.5	7.0	2.6	283.8	296.6	4.9	78.6	0.2	56.
1.3	11.0	598.7	939.0	6.3	1.0	265.5	9.4	9.3	0.7	285.1	296.6	4.4	68.7	0.5	66.
1.7	12.0	704.3	927.0	7.2	-2.6	272.3	11.7	11.7	-0.5	286.9	296.1	3.4	50.0	0.7	75.
2.1	13.0	802.5	916.0	7.0	-3.2	273.6	13.0	13.0	-0.8	287.7	296.6	3.3	48.1	1.0	81.
2.4	14.0	901.8	905.0	6.5	-3.1	273.6	12.3	12.2	-0.8	288.1	297.3	3.4	50.5	1.3	83.
2.7	15.0	1001.9	894.0	5.2	-3.7	272.5	11.0	11.0	-0.5	287.9	296.8	3.3	52.5	1.5	85.
3.2	16.0	1121.4	881.0	4.2	-4.0	265.4	9.6	9.5	0.8	288.0	296.8	3.2	54.8	1.7	86.
3.6	17.0	1232.8	869.0	3.2	-4.5	257.7	9.9	9.7	2.1	288.1	296.9	3.2	57.8	2.0	85.
3.9	18.0	1336.0	858.0	2.4	-5.1	256.8	10.1	9.8	2.3	288.3	296.6	3.0	57.5	2.2	84.
4.3	19.0	1430.7	848.0	1.9	-5.3	257.2	10.0	9.7	2.2	288.7	297.1	3.0	58.9	2.4	84.
4.6	20.0	1526.3	838.0	1.2	-6.2	257.5	10.5	10.2	2.3	289.0	296.9	2.9	57.6	2.6	83.
5.1	21.0	1661.7	824.0	0.3	-7.5	256.7	13.8	13.4	3.2	289.3	296.7	2.6	55.9	2.9	82.
5.4	22.0	1759.5	814.0	-0.2	-8.6	255.9	15.7	15.2	3.8	289.8	296.6	2.4	52.9	3.2	82.
5.8	23.0	1868.3	803.0	-0.8	-9.2	254.0	16.7	16.0	4.6	290.2	296.9	2.4	52.8	3.6	81.
6.2	24.0	1968.3	793.0	-1.6	-9.1	253.2	17.5	16.7	5.0	290.4	297.3	2.4	56.8	4.0	80.
6.5	25.0	2079.4	782.0	-2.6	-10.0	253.7	18.3	17.5	5.1	290.6	296.6	2.1	53.1	4.3	80.
6.9	26.0	2212.3	769.0	-2.7	-13.2	258.6	19.3	18.9	3.8	291.7	296.9	1.8	44.1	4.8	79.
7.3	27.0	2316.1	759.0	-2.7	-18.2	260.7	20.1	19.9	3.3	292.8	296.3	1.2	29.1	5.2	80.
7.7	28.0	2421.2	749.0	-2.9	-21.0	261.4	21.2	21.0	3.2	293.7	296.5	0.9	23.0	5.7	80.
8.1	29.0	2527.6	739.0	-3.0	-22.1	261.1	22.6	22.3	3.5	294.6	297.3	0.9	21.2	6.2	80.
8.5	30.0	2635.3	729.0	-3.8	-20.8	259.7	24.2	23.9	4.3	294.9	298.0	1.0	25.2	6.8	80.
8.9	31.0	2744.3	719.0	-4.4	-19.7	257.5	25.7	25.1	5.5	295.5	298.8	1.1	29.2	7.4	80.
9.3	32.0	2854.5	709.0	-4.9	-20.7	255.6	26.4	25.5	6.6	296.1	299.3	1.0	27.7	8.0	80.
9.7	33.0	2966.1	699.0	-5.5	-21.0	254.3	26.5	25.5	7.2	296.7	299.8	1.0	28.1	8.7	79.
10.1	34.0	3079.0	689.0	-6.2	-22.5	253.9	26.2	25.1	7.2	297.0	299.8	0.9	26.1	9.3	79.
10.5	35.0	3181.6	680.0	-7.3	-23.0	254.6	25.9	25.0	6.9	297.0	299.7	0.9	26.9	9.9	78.
10.9	36.0	3320.2	668.0	-7.8	-22.6	255.2	26.1	25.2	6.7	297.8	300.7	0.9	29.2	10.6	78.
11.3	37.0	3425.5	659.0	-8.7	-23.8	255.0	26.6	25.7	6.9	298.0	300.6	0.8	28.1	11.2	78.
11.7	38.0	3531.8	650.0	-9.9	-22.8	254.2	27.7	26.7	7.6	297.9	300.8	0.9	33.9	11.8	78.
12.1	39.0	3651.4	640.0	-10.3	-23.7	253.2	29.3	28.1	8.5	298.7	301.4	0.9	32.3	12.4	78.
12.4	40.0	3760.5	631.0	-10.2	-23.7	252.9	30.6	29.2	9.0	300.1	302.9	0.9	32.0	13.0	78.
12.9	41.0	3895.9	620.0	-10.6	-24.0	253.5	32.0	30.7	9.1	301.1	303.8	0.9	32.0	14.0	77.
13.2	42.0	4008.2	611.0	-11.6	-22.9	254.3	32.7	31.5	8.9	301.2	304.3	1.0	38.5	14.6	77.
13.7	43.0	4121.7	602.0	-12.6	-22.1	255.8	34.1	33.0	8.4	301.4	304.7	1.1	44.6	15.6	77.
14.1	44.0	4236.6	593.0	-13.4	-21.8	256.9	35.6	34.7	8.1	301.7	305.2	1.1	49.1	16.4	77.
14.4	45.0	4352.8	584.0	-14.4	-22.4	257.5	37.2	36.3	8.1	301.9	305.2	1.1	50.6	17.0	77.
14.8	46.0	4470.3	575.0	-15.5	-23.1	257.5	39.3	38.4	8.5	301.9	305.1	1.0	51.8	17.9	77.
15.3	47.0	4576.1	567.0	-15.7	-23.4	256.2	41.7	40.5	9.9	303.0	306.1	1.0	51.4	19.2	77.
15.6	48.0	4696.8	558.0	-15.9	-22.6	254.8	43.2	41.7	11.3	304.0	307.5	1.1	56.2	20.0	77.
16.1	49.0	4805.7	550.0	-15.9	-23.4	251.6	46.8	44.4	14.8	305.3	308.6	1.1	52.6	21.2	77.
16.5	50.0	4916.1	542.0	-15.9	-23.3	249.2	50.1	46.8	17.8	306.6	309.9	1.1	52.7	22.4	77.
16.9	51.0	5056.3	532.0	-16.8	-24.1	247.6	51.9	47.9	19.8	307.2	310.4	1.0	52.9	23.7	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
1726 GMT

147 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.4	52.0	5184.3	523.0	-17.6	-25.5	246.6	52.4	48.1	20.8	307.7	310.6	0.9	49.7	25.3	75.
17.8	53.0	5299.5	515.0	-18.5	-25.7	246.5	52.2*	47.9	20.8	307.9	310.8	0.9	53.0	26.4	75.
18.3	54.0	5416.2	507.0	-19.3	-24.8	247.3	51.9*	47.9	20.1	308.3	311.5	1.0	61.6	28.1	74.
18.7	55.0	5534.3	499.0	-20.0	-25.2	248.2	51.7*	48.0	19.2	308.9	312.0	1.0	63.1	29.3	74.
19.1	56.0	5684.1	489.0	-21.5	-26.4	249.1	51.8*	48.4	18.5	308.9	311.8	0.9	64.6	30.4	74.
19.5	57.0	5805.6	481.0	-22.2	-26.9	249.7	52.8*	49.5	18.3	309.5	312.3	0.9	64.9	31.9	74.
20.0	58.0	5913.3	474.0	-22.6	-26.7	249.8	55.6*	52.2	19.2	310.3	313.2	0.9	68.8	33.1	74.
20.4	59.0	6038.2	466.0	-23.0	-27.1	249.5	57.3*	53.7	20.1	311.3	314.2	0.9	68.7	34.7	74.
20.8	60.0	6165.0	458.0	-23.6	-28.2	248.9	57.7*	53.8	20.7	312.0	314.7	0.8	65.9	36.1	73.
21.2	61.0	6277.5	451.0	-24.3	-29.4	248.3	57.9*	53.8	21.4	312.5	315.0	0.7	62.4	37.5	73.
21.6	62.0	6407.7	443.0	-25.4	-30.9	248.0	58.9*	54.6	22.0	312.8	315.0	0.7	59.7	38.9	73.
22.0	63.0	6523.1	436.0	-26.3	-32.4	248.1	61.2*	56.8	22.8	313.0	314.9	0.6	56.0	40.0	73.
22.4	64.0	6656.8	428.0	-27.2	-33.6	247.9	60.3*	55.9	22.7	313.5	315.2	0.5	54.2	41.9	73.
22.9	65.0	6775.4	421.0	-28.3	-34.6	246.8	55.3*	50.8	21.8	313.6	315.2	0.5	54.4	43.8	72.
23.4	66.0	6930.0	412.0	-29.7	-35.9	245.5	54.6*	49.7	22.6	313.7	315.1	0.4	54.5	45.0	72.
23.9	67.0	7051.9	405.0	-30.9	-37.1	245.6	61.1*	55.6	25.2	313.7	315.0	0.4	54.2	46.4	72.
24.2	68.0	7175.3	398.0	-32.1	-37.9	246.0	63.7*	58.1	25.9	313.7	314.9	0.4	55.8	47.8	72.
24.6	69.0	7300.4	391.0	-33.2	-38.1	246.4	64.2*	58.8	25.7	313.9	315.1	0.4	60.6	49.9	72.
25.1	70.0	7408.8	385.0	-34.2	-37.8	246.4	60.3*	55.3	24.1	313.9	315.2	0.4	69.8	51.4	71.
25.6	71.0	7573.9	376.0	-35.6	-37.4	245.9	60.8*	55.5	24.9	314.2	315.6	0.4	83.1	53.0	71.
26.1	72.0	7685.9	370.0	-35.6	-39.6	245.7	64.6*	58.9	26.6	315.7	316.8	0.3	65.8	54.8	71.
26.5	73.0	7818.8	363.0	-35.7	-47.4	246.2	65.6*	60.0	26.4	317.2	317.7	0.1	28.8	56.8	71.
26.9	74.0	7934.5	357.0	-36.8	-49.2	247.3	65.6*	60.5	25.3	317.3	317.7	0.1	26.1	58.3	71.
27.3	75.0	8071.1	350.0	-38.3	-50.2	248.2	67.3*	62.5	25.0	317.0	317.4	0.1	26.9	59.4	71.
27.8	76.0	8209.9	343.0	-39.1	99.9	249.3	67.9*	63.5	24.0	317.9	999.9	99.9	999.9	61.9	71.
28.2	77.0	8330.5	337.0	-40.6	99.9	250.2	65.3*	61.4	22.1	317.4	999.9	99.9	999.9	63.7	71.
28.7	78.0	8452.6	331.0	-41.7	99.9	251.1	60.8*	57.5	19.7	317.5	999.9	99.9	999.9	65.2	71.
29.1	79.0	8576.3	325.0	-42.7	99.9	251.1	60.5*	57.2	19.6	317.8	999.9	99.9	999.9	66.7	71.
29.6	80.0	8701.7	319.0	-44.0	99.9	250.5	68.3*	64.4	22.8	317.8	999.9	99.9	999.9	68.5	71.
30.2	81.0	8850.2	312.0	-45.5	99.9	250.5	78.5*	74.0	26.3	317.6	999.9	99.9	999.9	70.9	71.
30.6	82.0	8979.3	306.0	-46.8	99.9	250.5	74.7*	70.4	24.9	317.5	999.9	99.9	999.9	73.9	71.
31.0	83.0	9110.3	300.0	-47.6	99.9	250.4	59.4*	56.0	20.0	318.3	999.9	99.9	999.9	75.8	71.
31.4	84.0	9243.5	294.0	-48.6	99.9	249.4	51.9*	48.6	18.2	318.7	999.9	99.9	999.9	76.0	71.
31.8	85.0	9378.8	288.0	-49.5	99.9	248.8	61.2**	57.0	22.1	319.3	999.9	99.9	999.9	76.9	71.
32.3	86.0	9539.4	281.0	-51.2	99.9	249.0	80.7**	75.4	28.9	319.1	999.9	99.9	999.9	78.8	71.
32.7	87.0	9655.8	276.0	-52.4	99.9	249.4	84.5**	79.2	29.7	319.0	999.9	99.9	999.9	81.7	70.
33.2	88.0	9797.5	270.0	-53.5	99.9	249.7	67.0**	62.8	23.3	319.4	999.9	99.9	999.9	85.1	70.
33.6	89.0	9917.5	265.0	-54.7	99.9	249.2	49.9**	46.6	17.7	319.4	999.9	99.9	999.9	85.8	70.
34.1	90.0	10063.8	259.0	-55.3	99.9	248.4	53.7**	49.9	19.8	320.6	999.9	99.9	999.9	86.0	70.
34.5	91.0	10188.1	254.0	-55.5	99.9	248.6	75.7**	70.4	27.7	322.1	999.9	99.9	999.9	87.0	70.
34.9	92.0	10314.6	249.0	-56.5	99.9	248.7	88.2**	82.2	32.1	322.5	999.9	99.9	999.9	90.2	70.
35.4	93.0	10443.0	244.0	-57.5	99.9	248.0	80.5**	74.7	30.1	322.8	999.9	99.9	999.9	94.1	70.
35.9	94.0	10600.4	238.0	-57.2	99.9	245.3	66.4**	60.3	27.7	325.6	999.9	99.9	999.9	94.8	70.
36.3	95.0	10707.7	234.0	-57.0	99.9	242.3	65.1**	57.6	30.3	327.5	999.9	99.9	999.9	96.5	70.
36.8	96.0	10899.4	227.0	-58.4	99.9	240.0	70.7**	61.3	35.3	328.2	999.9	99.9	999.9	98.5	70.

\* BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
1726 GMT

147 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RT'D GM/KG	RH PCT	RANGE KM	AZ DG
37.2	97.0	11011.8	223.0	-56.2	99.9	239.3	75.0**	64.5	38.3	333.3	999.9	99.9	999.9	100.3	70.
37.6	98.0	11156.2	218.0	-55.3	99.9	238.8	76.1**	65.1	39.4	336.8	999.9	99.9	999.9	102.4	70.
38.0	99.0	11304.0	213.0	-56.0	99.9	238.1	73.2**	62.2	38.7	338.0	999.9	99.9	999.9	103.7	69.
38.4	100.0	11424.4	209.0	-56.7	99.9	236.7	59.6**	49.8	32.7	338.8	999.9	99.9	999.9	106.0	69.
39.0	101.0	11608.6	203.0	-57.8	99.9	231.5	30.6**	24.0	19.1	339.7	999.9	99.9	999.9	108.0	69.
39.5	102.0	11766.0	198.0	-57.5	99.9	236.7	25.8**	21.5	14.2	342.7	999.9	99.9	999.9	107.7	69.
39.9	103.0	11896.0	194.0	-53.9	99.9	246.0	57.1**	52.2	23.2	350.5	999.9	99.9	999.9	107.4	69.
40.4	104.0	12030.0	190.0	-53.4	99.9	248.4	108.7**	101.1	40.0	353.4	999.9	99.9	999.9	109.7	69.
40.9	105.0	12201.9	185.0	-52.8	99.9	248.8	138.6**	129.2	50.2	357.1	999.9	99.9	999.9	115.7	69.
41.4	106.0	12343.1	181.0	-52.4	99.9	248.9	140.2**	130.8	50.5	359.9	999.9	99.9	999.9	119.6	69.
41.8	107.0	12487.5	177.0	-52.6	99.9	249.1	135.5**	126.6	48.4	361.9	999.9	99.9	999.9	122.4	69.
42.3	108.0	12635.2	173.0	-52.8	99.9	249.4	125.2**	117.2	44.1	364.0	999.9	99.9	999.9	127.1	69.
42.7	109.0	12786.0	169.0	-53.2	99.9	249.3	109.4**	102.3	38.6	365.7	999.9	99.9	999.9	130.1	69.
43.1	110.0	12940.1	165.0	-53.9	99.9	248.5	87.3**	81.2	32.0	367.1	999.9	99.9	999.9	132.0	69.
43.6	111.0	13137.3	160.0	-54.8	99.9	244.8	59.5**	53.8	25.3	368.7	999.9	99.9	999.9	135.1	69.
44.1	112.0	13298.7	156.0	-56.2	99.9	239.0	39.4**	33.7	20.3	369.2	999.9	99.9	999.9	135.1	69.
44.4	113.0	13463.2	152.0	-57.7	99.9	236.3	26.8**	22.3	14.9	369.3	999.9	99.9	999.9	136.4	69.
44.9	114.0	13631.1	148.0	-58.9	99.9	105.7	3.0**	-2.9	0.8	370.1	999.9	99.9	999.9	138.0	69.
45.4	115.0	13759.3	145.0	-60.0	99.9	69.0	20.2**	-18.8	-7.2	370.4	999.9	99.9	999.9	135.7	69.
46.0	116.0	13978.4	140.0	-60.0	99.9	82.6	10.3**	-10.2	-1.3	374.1	999.9	99.9	999.9	134.6	69.
46.5	117.0	14113.5	137.0	-60.5	99.9	218.9	9.5**	6.0	7.4	375.5	999.9	99.9	999.9	135.8	69.
47.1	118.0	14297.6	133.0	-61.6	99.9	237.0	27.1**	22.7	14.7	376.7	999.9	99.9	999.9	135.3	68.
47.5	119.0	14438.8	130.0	-62.1	99.9	241.1	39.1**	34.2	18.9	378.2	999.9	99.9	999.9	136.6	68.
48.0	120.0	14632.6	126.0	-60.9	99.9	243.3	45.1**	40.3	20.3	383.9	999.9	99.9	999.9	138.2	68.
48.5	121.0	14782.6	123.0	-60.3	99.9	245.1	40.1**	36.3	16.9	387.6	999.9	99.9	999.9	139.5	68.
49.0	122.0	14936.7	120.0	-60.0	99.9	249.6	38.9**	36.5	13.6	391.0	999.9	99.9	999.9	140.9	68.
49.5	123.0	15148.9	116.0	-59.1	99.9	251.4	50.3**	47.6	16.0	396.4	999.9	99.9	999.9	140.5	68.
50.0	124.0	15313.4	113.0	-58.5	99.9	249.1	58.6**	54.7	20.9	400.4	999.9	99.9	999.9	144.2	68.
50.6	125.0	15482.6	110.0	-58.2	99.9	244.9	52.8**	47.8	22.3	404.1	999.9	99.9	999.9	145.6	68.
51.3	126.0	15715.4	106.0	-59.1	99.9	242.7	47.9**	42.6	22.0	406.8	999.9	99.9	999.9	147.6	68.
51.9	127.0	15894.8	103.0	-60.5	99.9	245.0	49.9**	45.2	21.1	407.4	999.9	99.9	999.9	149.2	68.
52.5	128.0	16140.9	99.0	-61.6	99.9	247.7	54.5**	50.4	20.7	409.9	999.9	99.9	999.9	151.3	68.
53.1	129.0	16331.4	96.0	-62.1	99.9	248.2	66.6**	61.8	24.7	412.5	999.9	99.9	999.9	153.0	68.
53.5	130.0	16527.6	93.0	-62.1	99.9	248.2	76.9**	71.4	28.6	416.2	999.9	99.9	999.9	154.5	68.
54.3	131.0	16730.4	90.0	-62.0	99.9	247.5	94.1**	86.9	36.0	420.5	999.9	99.9	999.9	158.8	68.
54.9	132.0	17010.9	86.0	-63.1	99.9	246.0	98.1**	89.6	39.9	423.7	999.9	99.9	999.9	162.8	68.
55.7	133.0	17156.0	84.0	-62.1	99.9	245.7	80.5**	73.4	33.2	428.5	999.9	99.9	999.9	167.5	68.
56.4	134.0	17381.6	81.0	-60.5	99.9	247.9	105.8**	98.0	39.8	436.4	999.9	99.9	999.9	169.3	68.
57.2	135.0	17616.8	78.0	-60.3	99.9	247.5	117.3**	108.4	44.9	441.5	999.9	99.9	999.9	177.5	68.
58.1	136.0	17943.6	74.0	-62.1	99.9	237.0	28.6**	23.9	15.6	444.3	999.9	99.9	999.9	179.6	68.
58.9	137.0	18199.7	71.0	-61.6	99.9	94.5	11.9**	-11.9	0.9	450.8	999.9	99.9	999.9	181.9	68.
59.8	138.0	18467.3	68.0	-61.6	99.9	64.6	97.7**	-88.3	-41.9	456.4	999.9	99.9	999.9	179.9	68.
60.8	139.0	18842.6	64.0	-62.0	99.9	65.7	87.1**	-79.4	-35.9	463.6	999.9	99.9	999.9	171.9	68.
61.8	140.0	19140.5	61.0	-60.7	99.9	61.5	37.5**	-32.9	-17.9	472.9	999.9	99.9	999.9	166.7	68.
62.7	141.0	19453.6	58.0	-61.8	99.9	252.9	45.3**	43.3	13.3	477.2	999.9	99.9	999.9	166.8	68.

\* BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
1726 GMT

147 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.8	142.0	19896.4	54.0	-61.4	99.9	243.0	82.9**	73.9	37.7	487.9	999.9	99.9	999.9	173.9	68.
65.1	143.0	20250.3	51.0	-62.1	99.9	248.0	76.5**	70.9	28.7	494.3	999.9	99.9	999.9	180.3	68.
66.3	144.0	20624.4	48.0	-62.9	99.9	249.2	20.0**	18.7	7.1	501.1	999.9	99.9	999.9	183.3	68.
67.6	145.0	21022.6	45.0	-62.1	99.9	67.4	2.9**	-2.6	-1.1	512.3	999.9	99.9	999.9	183.5	68.
68.8	146.0	21595.6	41.0	-63.9	99.9	254.5	27.7**	26.7	7.4	521.8	999.9	99.9	999.9	183.1	68.
70.2	147.0	22060.8	38.0	-64.4	99.9	249.4	42.9**	40.2	15.1	531.8	999.9	99.9	999.9	187.8	68.
71.8	148.0	22565.6	35.0	-62.7	99.9	45.1	17.8**	-12.6	-12.6	549.0	999.9	99.9	999.9	188.3	68.
73.3	149.0	23317.0	31.0	-60.9	99.9	258.1	17.3**	16.9	3.6	573.4	999.9	99.9	999.9	187.1	68.
75.3	150.0	23949.1	28.0	-61.4	99.9	249.4	56.9**	53.3	20.0	588.8	999.9	99.9	999.9	194.8	69.
77.3	151.0	24654.8	25.0	-59.8	99.9	280.0	8.7*	8.5	-1.5	612.9	999.9	99.9	999.9	198.4	69.
79.7	152.0	25455.1	22.0	-59.1	99.9	250.1	36.9*	34.7	12.5	637.8	999.9	99.9	999.9	196.7	69.
82.5	153.0	26720.1	18.0	-56.8	99.9	999.9	99.9	99.9	99.9	682.5	999.9	99.9	999.9	999.5	999.

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
2025 GMT

150 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	275.0	974.7	11.7	7.8	200.0	3.1	1.1	2.9	287.8	305.7	6.8	77.0	0.0	0.
0.3	9.0	332.7	968.0	10.7	5.4	226.0	5.7	4.1	4.0	287.3	302.5	5.8	69.5	0.1	36.
0.6	10.0	427.8	957.0	9.2	4.7	225.8	5.5	3.9	3.8	286.7	301.4	5.6	73.4	0.1	39.
0.9	11.0	541.1	944.0	8.3	4.8	225.0	4.9	3.5	3.5	286.9	302.0	5.8	78.8	0.2	43.
1.3	12.0	629.1	934.0	7.4	4.9	222.1	4.6	3.1	3.4	286.9	302.1	5.8	84.0	0.3	43.
1.6	13.0	726.6	923.0	6.5	4.8	220.7	5.0	3.3	3.8	286.9	302.3	5.9	88.7	0.4	43.
1.9	14.0	816.0	913.0	5.8	4.5	221.5	6.5	4.3	4.9	287.1	302.3	5.8	91.4	0.5	42.
2.2	15.0	906.3	903.0	5.5	2.6	227.7	7.7	5.7	5.2	287.5	301.1	5.1	82.0	0.6	42.
2.6	16.0	1024.8	890.0	4.8	0.1	237.9	8.8	7.4	4.7	287.9	299.5	4.3	71.7	0.8	44.
2.9	17.0	1117.0	880.0	4.3	-0.5	247.5	8.4	7.8	3.2	288.3	299.6	4.2	71.2	1.0	47.
3.2	18.0	1219.3	869.0	3.4	-1.4	251.7	8.5	8.1	2.7	288.4	299.1	4.0	70.4	1.1	51.
3.6	19.0	1303.7	860.0	2.6	-2.1	251.8	9.1	8.7	2.8	288.4	298.7	3.8	71.0	1.3	54.
3.8	20.0	1398.2	850.0	1.9	-2.7	250.1	9.9	9.3	3.4	288.6	298.6	3.7	71.5	1.4	55.
4.2	21.0	1512.9	838.0	1.1	-3.4	249.6	11.3	10.6	3.9	288.9	298.6	3.6	71.9	1.7	57.
4.5	22.0	1599.7	829.0	0.4	-4.3	250.8	12.2	11.5	4.0	289.1	298.2	3.3	70.2	1.9	59.
4.9	23.0	1697.1	819.0	-0.0	-4.7	251.8	12.7	12.0	4.0	289.6	298.6	3.3	70.9	2.2	61.
5.2	24.0	1795.5	809.0	-0.4	-5.9	253.3	12.7	12.2	3.7	290.2	298.7	3.1	66.3	2.4	62.
5.6	25.0	1895.0	799.0	-0.5	-6.4	255.4	12.5	12.1	3.1	291.1	299.3	3.0	64.2	2.7	63.
6.0	26.0	2015.8	787.0	-1.5	-7.9	257.2	11.8	11.5	2.6	291.3	298.7	2.7	61.4	3.0	65.
6.4	27.0	2117.6	777.0	-2.4	-8.8	256.3	11.8	11.5	2.8	291.3	298.4	2.5	61.5	3.2	65.
6.7	28.0	2199.7	769.0	-3.1	-9.1	255.4	12.9	12.5	3.3	291.5	298.5	2.5	62.8	3.5	66.
7.1	29.0	2303.3	759.0	-3.7	-9.7	254.2	15.2	14.6	4.1	291.9	298.7	2.4	62.8	3.8	67.
7.4	30.0	2387.0	751.0	-3.7	-9.8	253.3	16.9	16.2	4.9	292.8	299.6	2.4	62.4	4.0	68.
7.7	31.0	2492.7	741.0	-4.9	-11.1	252.5	18.7	17.8	5.6	292.5	298.8	2.2	61.8	4.4	68.
8.1	32.0	2599.5	731.0	-5.4	-11.2	251.6	21.0	20.0	6.6	293.2	299.5	2.2	63.3	4.9	68.
8.4	33.0	2696.7	722.0	-6.1	-11.6	250.7	22.6	21.3	7.5	293.4	299.6	2.2	64.7	5.2	69.
8.7	34.0	2794.9	713.0	-6.4	-12.2	249.5	23.8	22.3	8.4	294.1	300.1	2.1	63.4	5.7	69.
9.1	35.0	2894.2	704.0	-6.9	-13.3	247.6	25.2	23.3	9.6	294.6	300.3	1.9	59.9	6.3	69.
9.5	36.0	3005.7	694.0	-7.6	-15.0	245.7	26.1	23.8	10.8	295.0	300.0	1.7	55.1	6.9	69.
9.8	37.0	3107.3	685.0	-7.9	-15.3	244.6	26.5	23.9	11.4	295.8	300.7	1.7	55.3	7.4	68.
10.2	38.0	3221.5	675.0	-8.8	-16.3	243.2	27.0	24.1	12.2	296.0	300.7	1.6	54.4	8.0	68.
10.5	39.0	3325.4	666.0	-9.2	-16.3	242.2	27.5	24.3	12.8	296.6	301.4	1.6	56.1	8.5	68.
10.9	40.0	3418.9	658.0	-9.7	-15.7	240.6	28.3	24.6	13.9	297.2	302.2	1.7	61.0	9.1	67.
11.3	41.0	3537.1	648.0	-10.1	-15.0	239.7	29.1	25.2	14.7	298.0	303.5	1.8	67.3	9.9	67.
11.6	42.0	3632.7	640.0	-11.1	-15.2	239.6	29.8	25.7	15.1	297.9	303.4	1.8	71.8	10.4	66.
12.0	43.0	3741.4	631.0	-11.8	-14.6	240.5	30.8	26.8	15.2	298.3	304.1	1.9	79.6	11.1	66.
12.3	44.0	3839.0	623.0	-12.9	-14.8	242.1	32.1	28.4	15.1	298.1	303.8	1.9	85.7	11.6	65.
12.7	45.0	3949.9	614.0	-13.4	-14.8	244.3	33.8	30.5	14.6	298.9	304.7	2.0	88.7	12.4	65.
13.0	46.0	4062.4	605.0	-13.8	-14.3	246.2	35.0	32.0	14.1	299.7	305.8	2.1	95.9	13.1	65.
13.3	47.0	4163.5	597.0	-14.3	-14.6	248.2	35.3	32.8	13.1	300.2	306.3	2.1	98.2	13.8	65.
13.7	48.0	4265.8	589.0	-14.8	-14.8	250.7	35.9	33.9	11.9	300.9	307.0	2.1	100.3	14.6	66.
14.0	49.0	4369.3	581.0	-15.3	-15.3	252.3	36.4	34.6	11.0	301.4	307.3	2.0	100.5	15.2	66.
14.4	50.0	4487.2	572.0	-16.0	-16.0	253.3	38.4	36.8	11.0	301.9	307.6	1.9	100.4	16.1	66.
14.9	51.0	4620.0	562.0	-16.7	-16.7	253.6	41.9	40.2	11.8	302.6	308.1	1.8	100.1	17.2	67.
15.2	52.0	4727.8	554.0	-17.1	-17.2	253.3	44.0	42.2	12.6	303.4	308.7	1.8	99.1	18.0	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
2025 GMT

150 23. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.5	53.0	4836.9	546.0	-17.5	-17.6	252.9	46.1	44.1	13.6	304.1	309.4	1.8	99.1	18.9	67.
16.0	54.0	4947.5	538.0	-17.5	-17.9	251.1	48.7	46.1	15.8	305.4	310.7	1.7	97.1	20.2	68.
16.4	55.0	5045.6	531.0	-17.8	-18.3	249.4	50.6	47.3	17.7	306.2	311.4	1.7	95.9	21.5	68.
16.9	56.0	5187.7	521.0	-19.0	-19.6	247.6	53.0	49.0	20.2	306.4	311.2	1.5	94.7	23.0	68.
17.2	57.0	5288.4	514.0	-19.4	-19.9	246.6	54.8	50.3	21.8	307.1	311.8	1.5	95.4	24.0	68.
17.5	58.0	5390.3	507.0	-19.5	-20.0	245.6	56.6	51.6	23.4	308.1	312.9	1.5	96.5	25.1	68.
17.9	59.0	5508.4	499.0	-20.2	-20.6	244.3	59.6	53.7	25.9	308.7	313.3	1.5	96.4	26.2	68.
18.3	60.0	5628.3	491.0	-20.2	-20.5	243.8	61.9*	55.6	27.4	310.1	314.9	1.5	97.4	27.9	67.
18.7	61.0	5734.5	484.0	-21.4	-21.6	244.0	62.7*	56.4	27.5	309.9	314.3	1.4	98.8	29.4	67.
19.1	62.0	5857.4	476.0	-21.8	-22.0	244.8	61.9*	56.0	26.3	310.9	315.2	1.4	98.2	30.8	67.
19.4	63.0	5966.4	469.0	-22.6	-23.0	245.8	60.2*	54.9	24.7	311.2	315.3	1.3	96.8	32.2	67.
19.8	64.0	6076.7	462.0	-23.3	-23.9	246.8	59.7*	54.9	23.5	311.7	315.5	1.2	94.9	33.5	67.
20.2	65.0	6188.3	455.0	-24.1	-24.7	247.6	61.3*	56.7	23.3	312.1	315.7	1.1	94.5	34.7	67.
20.7	66.0	6333.8	446.0	-25.3	-26.0	248.1	64.4*	59.8	24.0	312.3	315.7	1.0	93.8	36.6	67.
21.0	67.0	6448.6	439.0	-25.9	-27.3	248.4	65.4*	60.8	24.1	312.9	315.9	0.9	87.8	38.2	67.
21.4	68.0	6548.1	433.0	-26.8	-28.2	248.6	62.8*	58.5	22.9	313.0	315.8	0.9	88.5	39.5	67.
21.8	69.0	6682.4	425.0	-27.9	-28.9	248.6	61.1*	56.9	22.2	313.3	316.0	0.8	91.3	41.0	67.
22.2	70.0	6784.4	419.0	-28.9	-29.8	248.4	61.5*	57.1	22.7	313.2	315.7	0.8	92.6	42.3	67.
22.6	71.0	6939.5	410.0	-29.9	-30.5	247.8	64.0*	59.2	24.2	314.0	316.4	0.7	93.9	43.7	67.
22.9	72.0	7044.4	404.0	-30.8	-31.6	247.2	66.4*	61.2	25.8	314.1	316.3	0.7	92.8	45.0	67.
23.3	73.0	7168.5	397.0	-30.9	-32.0	246.4	67.9*	62.2	27.2	315.5	317.7	0.7	90.5	46.7	67.
23.7	74.0	7276.4	391.0	-31.6	-33.3	245.7	67.9*	61.8	27.9	316.0	318.0	0.6	84.5	48.4	67.
24.1	75.0	7404.1	384.0	-32.4	-34.3	245.0	67.3*	61.0	28.5	316.6	318.4	0.5	82.7	50.0	67.
24.5	76.0	7533.6	377.0	-33.3	-35.4	244.1	68.1*	61.2	29.7	317.0	318.7	0.5	81.3	51.4	67.
24.9	77.0	7646.1	371.0	-34.5	-37.3	243.6	72.9*	65.3	32.4	316.9	318.3	0.4	75.2	53.2	67.
25.3	78.0	7759.9	365.0	-35.1	-41.1	243.8	77.1*	69.2	34.0	317.5	318.5	0.3	53.7	54.7	67.
25.7	79.0	7875.3	359.0	-35.9	-42.6	244.6	77.8*	70.2	33.4	317.9	318.8	0.2	49.7	57.0	67.
26.1	80.0	7992.2	353.0	-37.0	-44.0	245.6	74.8*	68.1	30.8	318.0	318.8	0.2	47.6	59.5	67.
26.6	81.0	8150.3	345.0	-38.3	-45.7	246.4	70.2*	64.3	28.1	318.3	319.0	0.2	45.1	60.4	67.
27.1	82.0	8270.7	339.0	-39.4	-46.8	245.9	67.7*	61.8	27.7	318.4	319.0	0.2	44.6	63.4	67.
27.5	83.0	8392.6	333.0	-40.8	99.9	244.7	64.1*	57.9	27.3	318.3	999.9	99.9	999.9	64.3	67.
27.9	84.0	8516.2	327.0	-41.4	99.9	243.6	61.2*	54.8	27.3	319.0	999.9	99.9	999.9	66.6	67.
28.4	85.0	8641.6	321.0	-42.5	99.9	242.8	67.9*	60.3	31.1	319.2	999.9	99.9	999.9	67.3	67.
28.9	86.0	8790.1	314.0	-43.8	99.9	242.8	77.5*	68.9	35.4	319.5	999.9	99.9	999.9	69.7	66.
29.4	87.0	8897.7	309.0	-44.9	99.9	242.5	71.3*	63.3	32.9	319.4	999.9	99.9	999.9	73.5	66.
29.8	88.0	9028.5	303.0	-46.0	99.9	241.5	61.6*	54.1	29.4	319.6	999.9	99.9	999.9	74.4	66.
30.3	89.0	9161.2	297.0	-47.0	99.9	240.5	58.0*	50.5	28.6	320.0	999.9	99.9	999.9	75.2	66.
30.7	90.0	9296.0	291.0	-48.3	99.9	240.4	60.2*	52.3	29.7	320.0	999.9	99.9	999.9	77.0	66.
31.2	91.0	9409.9	286.0	-49.2	99.9	240.7	63.5**	55.3	31.1	320.3	999.9	99.9	999.9	79.4	66.
31.6	92.0	9525.3	281.0	-50.4	99.9	241.4	70.6**	62.0	33.8	320.3	999.9	99.9	999.9	80.3	66.
32.1	93.0	9642.1	276.0	-51.6	99.9	242.8	94.9**	84.4	43.3	320.2	999.9	99.9	999.9	81.9	66.
32.5	94.0	9784.5	270.0	-52.4	99.9	243.6	114.5**	102.6	50.9	321.1	999.9	99.9	999.9	85.0	66.
32.9	95.0	9905.0	265.0	-53.8	99.9	243.9	102.2**	91.8	45.0	320.8	999.9	99.9	999.9	89.1	66.
33.4	96.0	10051.8	259.0	-54.9	99.9	244.5	66.7**	60.2	28.7	321.2	999.9	99.9	999.9	92.4	65.
33.8	97.0	10176.2	254.0	-55.7	99.9	245.6	50.5**	46.0	20.8	321.8	999.9	99.9	999.9	92.0	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
2025 GMT

150 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.3	98.0	10302.6	249.0	-56.5	99.9	246.2	55.9**	51.2	22.6	322.5	999.9	99.9	999.9	92.8	65.
34.8	99.0	10431.1	244.0	-57.3	99.9	245.6	67.1**	61.1	27.7	323.1	999.9	99.9	999.9	95.4	65.
35.3	100.0	10561.9	239.0	-57.5	99.9	244.2	54.1**	48.7	23.6	324.8	999.9	99.9	999.9	98.1	65.
36.0	101.0	10722.4	233.0	-57.8	99.9	219.8	10.4**	6.6	8.0	326.6	999.9	99.9	999.9	100.1	65.
36.6	102.0	10859.7	228.0	-56.5	99.9	233.9	34.5**	27.9	20.3	330.7	999.9	99.9	999.9	98.0	65.
37.0	103.0	11000.6	223.0	-55.8	99.9	240.0	96.5**	83.5	48.3	333.8	999.9	99.9	999.9	98.0	65.
37.3	104.0	11116.0	219.0	-55.2	99.9	240.6	158.4**	138.0	77.8	336.5	999.9	99.9	999.9	100.7	65.
37.9	105.0	11263.1	214.0	-56.3	99.9	240.4	232.2**	201.8	114.9	337.0	999.9	99.9	999.9	110.2	65.
38.3	106.0	11382.5	210.0	-57.8	99.9	239.9	196.6**	170.0	98.6	336.5	999.9	99.9	999.9	117.8	64.
38.7	107.0	11534.2	205.0	-58.7	99.9	239.1	112.0**	96.1	57.4	337.5	999.9	99.9	999.9	123.2	64.
39.1	108.0	11657.6	201.0	-60.0	99.9	231.5	10.7**	8.3	6.6	337.2	999.9	99.9	999.9	124.6	64.
39.4	109.0	11782.8	197.0	-61.1	99.9	59.8	44.5**	-38.4	-22.3	337.5	999.9	99.9	999.9	121.9	64.
39.8	110.0	11910.7	193.0	-59.5	99.9	56.1	56.4**	-46.8	-31.4	342.0	999.9	99.9	999.9	118.2	64.
40.3	111.0	12075.8	188.0	-57.3	99.9	28.9	15.0**	-7.3	-13.1	348.1	999.9	99.9	999.9	116.4	65.
40.8	112.0	12246.5	183.0	-56.5	99.9	252.3	48.5**	46.2	14.7	352.2	999.9	99.9	999.9	118.2	65.
41.4	113.0	12386.8	179.0	-56.5	99.9	248.6	104.7**	97.4	38.2	354.4	999.9	99.9	999.9	120.3	65.
42.0	114.0	12530.5	175.0	-55.7	99.9	248.9	139.1**	129.8	50.1	358.0	999.9	99.9	999.9	125.7	65.
42.6	115.0	12678.0	171.0	-55.0	99.9	249.9	114.6**	107.6	39.3	361.5	999.9	99.9	999.9	131.8	65.
43.3	116.0	12867.2	166.0	-55.8	99.9	259.3	41.5**	40.8	7.7	363.2	999.9	99.9	999.9	135.4	65.
43.8	117.0	13022.4	162.0	-56.0	99.9	282.2	14.4**	14.1	-3.0	365.5	999.9	99.9	999.9	134.0	65.
44.4	118.0	13141.2	159.0	-56.5	99.9	278.4	8.5**	8.4	-1.2	365.6	999.9	99.9	999.9	135.3	65.
44.9	119.0	13302.8	155.0	-56.7	99.9	264.2	6.7**	6.7	0.7	369.0	999.9	99.9	999.9	135.4	65.
45.5	120.0	13468.2	151.0	-57.6	99.9	244.3	24.4**	22.0	10.6	370.1	999.9	99.9	999.9	134.3	66.
46.1	121.0	13637.6	147.0	-58.0	99.9	242.8	72.3**	64.3	33.0	372.4	999.9	99.9	999.9	136.3	65.
46.8	122.0	13811.2	143.0	-58.7	99.9	244.5	104.1**	94.0	44.7	374.1	999.9	99.9	999.9	141.1	65.
47.3	123.0	13944.3	140.0	-59.0	99.9	245.9	108.9**	99.3	44.5	375.8	999.9	99.9	999.9	144.7	65.
47.9	124.0	14125.8	136.0	-59.9	99.9	245.9	121.7**	111.1	49.7	377.4	999.9	99.9	999.9	147.3	65.
48.6	125.0	14265.1	133.0	-60.0	99.9	245.8	149.1**	136.0	61.1	379.5	999.9	99.9	999.9	154.4	65.
49.3	126.0	14455.4	129.0	-60.7	99.9	246.4	190.4**	174.5	76.4	381.6	999.9	99.9	999.9	160.0	65.
49.9	127.0	14651.1	125.0	-61.3	99.9	245.9	223.4**	204.0	91.1	384.1	999.9	99.9	999.9	167.7	65.
50.5	128.0	14801.7	122.0	-61.6	99.9	243.6	184.2**	165.1	81.8	386.1	999.9	99.9	999.9	179.9	66.
51.1	129.0	15008.4	118.0	-61.4	99.9	241.6	111.8**	98.3	53.3	390.1	999.9	99.9	999.9	182.1	65.
51.7	130.0	15168.7	115.0	-59.9	99.9	247.5	126.9**	117.2	48.5	395.9	999.9	99.9	999.9	183.8	65.
52.5	131.0	15390.7	111.0	-58.1	99.9	250.6	197.3**	186.1	65.6	403.2	999.9	99.9	999.9	193.1	66.
53.1	132.0	15563.4	108.0	-58.0	99.9	252.5	122.2**	116.6	36.8	406.7	999.9	99.9	999.9	202.6	66.
53.8	133.0	15800.8	104.0	-58.7	99.9	245.9	41.7**	38.1	17.0	409.8	999.9	99.9	999.9	200.4	66.
54.5	134.0	15984.4	101.0	-59.5	99.9	196.3	22.4**	6.3	21.5	411.6	999.9	99.9	999.9	207.1	66.
55.2	135.0	16172.5	98.0	-60.7	99.9	88.1	24.8**	-24.8	-0.8	412.8	999.9	99.9	999.9	202.2	65.
56.1	136.0	16430.7	94.0	-62.5	99.9	42.6	16.4**	-11.1	-12.0	414.2	999.9	99.9	999.9	203.5	66.
56.8	137.0	16698.6	90.0	-63.1	99.9	60.5	62.3**	-54.3	-30.7	418.3	999.9	99.9	999.9	200.9	66.
57.6	138.0	16907.6	87.0	-62.4	99.9	64.5	110.0**	-99.2	-47.4	423.8	999.9	99.9	999.9	196.8	66.
58.5	139.0	17199.0	83.0	-61.3	99.9	68.8	64.9**	-60.5	-23.5	431.8	999.9	99.9	999.9	187.7	66.
59.5	140.0	17427.6	80.0	-60.9	99.9	65.5	78.5**	-71.4	-32.6	437.1	999.9	99.9	999.9	186.7	66.
60.6	141.0	17746.5	76.0	-60.9	99.9	61.6	56.0**	-49.3	-26.7	443.5	999.9	99.9	999.9	180.7	66.
61.6	142.0	17996.6	73.0	-61.4	99.9	72.1	29.2**	-27.8	-9.0	447.5	999.9	99.9	999.9	179.6	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
2025 GMT

150 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.6	143.0	18344.6	69.0	-62.9	99.9	252.0	31.7**	30.2	9.8	451.7	999.9	99.9	999.9	178.1	66.
63.7	144.0	18618.0	68.0	-63.8	99.9	251.7	49.4**	46.9	15.5	455.4	999.9	99.9	999.9	182.8	66.
64.7	145.0	18905.3	63.0	-60.7	99.9	250.5	67.9**	64.1	22.6	468.4	999.9	99.9	999.9	185.3	66.
65.8	146.0	19314.2	59.0	-60.0	99.9	249.3	83.7**	78.3	29.6	478.8	999.9	99.9	999.9	191.6	66.
67.1	147.0	19638.8	56.0	-61.4	99.9	256.2	26.1**	25.3	6.2	482.8	999.9	99.9	999.9	199.5	66.
68.1	148.0	19979.1	53.0	-62.9	99.9	60.5	53.3**	-46.4	-26.3	487.1	999.9	99.9	999.9	196.4	66.
69.2	149.0	20461.7	49.0	-63.5	99.9	60.6	42.2**	-36.8	-20.7	496.8	999.9	99.9	999.9	191.5	66.
70.4	150.0	20850.1	46.0	-63.1	99.9	259.4	31.3**	30.8	5.8	506.8	999.9	99.9	999.9	190.4	66.
71.9	151.0	21263.4	43.0	-64.8	99.9	246.2	176.9**	161.8	71.5	512.5	999.9	99.9	999.9	196.7	66.
73.3	152.0	21861.8	39.0	-63.1	99.9	242.6	122.7**	108.9	56.5	531.3	999.9	99.9	999.9	216.7	66.
74.8	153.0	22354.3	36.0	-63.1	99.9	63.9	165.5**	-148.6	-72.8	543.6	999.9	99.9	999.9	212.1	67.
76.5	154.0	22890.4	33.0	-62.5	99.9	59.2	71.6**	-61.5	-36.7	558.7	999.9	99.9	999.9	195.7	66.
78.3	155.0	23690.6	29.0	-60.9	99.9	248.1	83.7**	77.7	31.3	584.3	999.9	99.9	999.9	199.0	67.
80.0	156.0	24366.0	26.0	-63.1	99.9	246.7	47.6**	43.7	18.8	596.6	999.9	99.9	999.9	209.6	67.
82.1	157.0	25124.3	23.0	-60.9	99.9	999.9	99.9	99.9	99.9	624.3	999.9	99.9	999.9	999.9	999.

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
2315 GMT

154 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	275.0	972.3	10.6	6.7	120.0	1.5	-1.3	0.7	286.9	303.5	6.4	77.0	0.0	0.
0.2	9.0	346.5	964.0	10.5	3.8	173.0	10.1	-1.2	10.0	287.3	301.1	5.2	63.1	0.1	301.
0.6	10.0	433.4	954.0	10.3	3.7	176.1	9.9	-0.7	9.8	286.0	301.8	5.2	63.3	0.1	328.
0.9	11.0	547.5	941.0	9.6	3.0	186.3	9.3	1.0	9.3	288.4	301.8	5.1	63.6	0.3	344.
1.2	12.0	636.1	931.0	8.7	2.1	197.3	9.1	2.7	8.7	288.3	301.1	4.8	63.3	0.4	356.
1.5	13.0	725.4	921.0	8.0	1.7	208.3	9.3	4.4	8.2	288.4	301.0	4.7	64.6	0.6	5.
1.9	14.0	824.5	910.0	7.3	1.3	208.0	9.0	4.3	8.0	288.7	301.1	4.6	66.0	0.8	11.
2.2	15.0	915.4	900.0	6.6	1.0	206.8	9.4	4.2	8.4	288.9	301.1	4.6	67.7	0.9	14.
2.6	16.0	1025.5	888.0	5.7	0.7	205.9	10.7	4.7	9.7	289.1	301.3	4.6	70.4	1.2	16.
2.9	17.0	1118.0	878.0	4.7	0.1	207.4	12.8	5.9	11.4	288.9	300.7	4.4	72.2	1.4	18.
3.2	18.0	1211.4	868.0	4.1	-0.1	210.7	14.4	7.4	12.4	289.3	301.2	4.4	74.0	1.6	19.
3.4	19.0	1296.1	859.0	3.0	-0.7	213.2	15.4	8.4	12.9	288.9	300.4	4.2	76.8	1.8	20.
3.8	20.0	1390.9	849.0	2.1	-1.1	215.8	16.6	9.7	13.5	289.0	300.3	4.2	79.1	2.2	23.
4.1	21.0	1505.2	837.0	1.3	-1.1	216.5	17.3	10.3	13.9	289.3	300.7	4.2	83.6	2.5	25.
4.4	22.0	1602.6	827.0	0.8	-1.0	216.0	18.0	10.6	14.5	289.8	301.5	4.3	87.5	2.8	26.
4.7	23.0	1700.3	817.0	-0.1	-1.5	216.5	18.3	10.8	14.7	289.8	301.1	4.2	90.3	3.1	27.
5.0	24.0	1789.0	808.0	-1.1	-2.4	217.4	18.3	11.1	14.6	289.7	300.5	4.0	90.9	3.4	28.
5.3	25.0	1878.3	799.0	-2.0	-3.0	218.8	18.8	11.8	14.7	289.6	300.0	3.8	92.7	3.8	29.
5.7	26.0	2008.7	786.0	-2.8	-3.5	221.8	18.9	12.6	14.1	290.1	300.4	3.8	95.0	4.2	30.
6.0	27.0	2099.9	777.0	-3.9	-4.9	225.1	18.6	13.2	13.1	289.8	299.2	3.4	92.4	4.6	31.
6.3	28.0	2191.9	768.0	-4.2	-6.0	228.5	18.7	14.0	12.4	290.5	299.3	3.2	87.4	4.9	32.
6.6	29.0	2284.2	759.0	-4.9	-6.9	231.4	19.3	15.1	12.0	290.6	298.9	3.0	86.3	5.2	33.
6.9	30.0	2378.6	750.0	-5.7	-7.6	235.2	20.4	16.3	12.2	290.7	298.7	2.9	86.2	5.5	34.
7.1	31.0	2483.8	740.0	-6.4	-8.4	234.6	20.9	17.1	12.1	291.0	298.7	2.7	86.0	5.8	35.
7.4	32.0	2579.4	731.0	-7.2	-9.5	237.2	21.4	18.0	11.6	291.2	298.3	2.5	83.4	6.2	37.
7.7	33.0	2675.9	722.0	-8.1	-10.1	239.7	21.6	18.7	10.9	291.3	298.2	2.5	85.4	6.5	38.
8.0	34.0	2773.3	713.0	-8.5	-9.8	242.3	21.8	19.3	10.1	291.8	299.0	2.5	90.4	6.9	39.
8.3	35.0	2871.9	704.0	-8.7	-10.0	244.1	22.1	19.9	9.7	292.7	299.9	2.5	89.8	7.2	40.
8.7	36.0	2994.0	693.0	-9.1	-10.5	245.8	22.8	20.8	9.3	293.5	300.6	2.5	89.4	7.7	42.
9.1	37.0	3083.8	685.0	-9.7	-11.5	246.7	23.8	21.8	9.4	293.9	300.5	2.3	86.6	8.2	44.
9.5	38.0	3185.8	676.0	-10.8	-12.2	247.2	24.8	22.9	9.6	293.7	300.0	2.2	89.4	8.8	45.
9.9	39.0	3288.7	667.0	-12.1	-12.9	247.2	25.8	23.8	10.0	293.3	299.4	2.1	93.6	9.3	47.
10.3	40.0	3381.0	659.0	-12.7	-17.0	246.9	26.8	24.6	10.5	293.6	298.1	1.5	69.6	9.9	48.
10.9	41.0	3509.6	648.0	-12.4	-18.0	247.0	27.7	25.5	10.8	295.4	299.6	1.4	62.5	10.9	50.
11.2	42.0	3616.3	639.0	-13.1	-21.8	247.8	27.9	25.8	10.5	295.7	298.8	1.0	47.6	11.4	50.
11.6	43.0	3712.2	631.0	-13.8	-23.9	249.2	28.0	26.2	9.9	295.9	298.6	0.9	41.9	12.0	51.
11.9	44.0	3809.0	623.0	-14.6	-24.5	250.3	28.2	26.5	9.5	296.1	298.6	0.8	42.6	12.5	52.
12.2	45.0	3906.9	615.0	-15.0	-24.0	251.2	28.5	27.0	9.2	296.7	299.4	0.9	46.0	12.9	53.
12.6	46.0	4018.3	606.0	-15.7	-23.9	252.1	29.1	27.7	9.0	297.1	299.9	0.9	49.4	13.6	54.
12.9	47.0	4118.4	598.0	-16.4	-25.5	252.6	29.5	28.2	8.8	297.5	299.9	0.8	45.1	14.1	54.
13.2	48.0	4219.6	590.0	-16.8	-27.2	253.0	30.4	29.1	8.9	298.1	300.3	0.7	40.1	14.6	55.
13.5	49.0	4322.0	582.0	-17.7	-27.1	253.3	31.4	30.1	9.0	298.3	300.5	0.7	43.3	15.1	56.
13.9	50.0	4425.5	574.0	-18.3	-26.7	253.3	34.7	33.3	10.0	298.7	301.0	0.7	47.7	15.8	57.
14.3	51.0	4556.7	564.0	-18.5	-26.5	253.1	38.8	37.1	11.3	300.1	302.5	0.8	49.2	16.6	57.
14.6	52.0	4663.2	556.0	-18.7	-26.7	252.8	41.9	40.0	12.3	301.0	303.4	0.8	49.1	17.4	58.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
2315 GMT

154 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.0	53.0	4771.4	548.0	-18.3	-27.8	252.3	45.6	43.4	13.8	302.7	304.9	0.7	42.7	18.5	59.
15.4	54.0	4867.3	541.0	-18.6	-29.1	251.2	48.4	45.8	15.6	303.5	305.5	0.6	38.9	19.5	60.
15.7	55.0	4978.3	533.0	-19.3	-30.0	250.0	50.1	47.1	17.2	304.0	305.8	0.6	37.7	20.4	60.
16.2	56.0	5104.8	524.0	-20.0	-31.2	247.6	52.3	48.3	19.9	304.6	306.4	0.5	35.7	22.0	61.
16.6	57.0	5218.8	516.0	-20.5	-25.6	245.9	53.7	49.0	22.0	305.4	308.3	0.9	63.5	23.2	61.
16.9	58.0	5319.9	509.0	-20.9	-24.1	245.0	54.8	49.6	23.2	306.1	309.4	1.1	75.2	24.2	61.
17.2	59.0	5436.9	501.0	-21.2	-22.8	244.6	55.9	50.5	24.0	307.2	311.0	1.2	86.9	25.2	61.
17.6	60.0	5540.7	494.0	-21.8	-23.4	244.5	57.3	51.7	24.6	307.6	311.2	1.2	86.9	26.5	62.
17.9	61.0	5645.8	487.0	-22.1	-23.7	244.7	57.9	52.4	24.8	308.5	312.2	1.2	86.9	27.6	62.
18.2	62.0	5767.4	479.0	-23.2	-24.4	244.7	58.4*	52.8	24.9	308.6	312.1	1.1	89.5	28.7	62.
18.6	63.0	5875.0	472.0	-24.2	-24.9	244.5	59.1*	53.3	25.5	308.6	312.0	1.1	94.4	30.0	62.
18.9	64.0	5983.9	465.0	-24.9	-25.3	244.0	60.1*	54.0	26.3	309.1	312.4	1.0	96.5	31.1	62.
19.2	65.0	6094.1	458.0	-25.7	-26.2	243.5	61.8*	55.3	27.6	309.4	312.6	1.0	95.2	32.2	62.
19.7	66.0	6237.7	449.0	-26.6	-27.1	242.6	65.7*	58.4	30.2	310.0	312.9	0.9	94.2	34.0	62.
20.1	67.0	6351.4	442.0	-26.0	-27.1	242.1	68.7*	60.7	32.1	312.3	315.3	0.9	89.8	35.6	62.
20.5	68.0	6467.0	435.0	-26.1	-30.2	241.8	69.9*	61.6	33.1	313.5	315.8	0.7	68.3	37.5	62.
20.9	69.0	6567.4	429.0	-26.8	-31.2	241.6	68.5*	60.3	32.6	313.9	316.1	0.7	66.0	39.2	62.
21.2	70.0	6686.0	422.0	-27.8	-33.7	241.4	68.4*	60.0	32.7	314.0	315.8	0.5	56.9	40.4	62.
21.7	71.0	6823.3	414.0	-28.9	-36.3	241.2	70.8*	62.1	34.1	314.3	315.7	0.4	48.2	42.2	62.
22.1	72.0	6945.0	407.0	-29.9	-39.0	241.1	74.6*	65.3	36.1	314.5	315.6	0.3	40.3	43.9	62.
22.5	73.0	7068.5	400.0	-30.6	-40.0	241.0	76.7*	67.2	37.2	315.2	316.2	0.3	38.8	45.9	62.
22.9	74.0	7175.6	394.0	-31.6	-40.7	241.2	72.4*	63.4	34.9	315.2	316.1	0.3	40.0	48.1	62.
23.2	75.0	7302.3	387.0	-32.4	-42.0	241.3	69.3*	60.8	33.3	315.8	316.6	0.2	37.7	49.3	62.
23.7	76.0	7412.2	381.0	-33.6	-43.6	241.2	66.9*	58.6	32.3	315.6	316.3	0.2	35.4	50.9	62.
24.1	77.0	7523.3	375.0	-34.6	-46.4	240.7	68.8*	60.0	33.7	315.8	316.3	0.2	28.4	52.4	62.
24.5	78.0	7635.9	369.0	-35.2	-47.2	239.8	72.2*	62.4	36.3	316.4	316.9	0.1	27.8	54.8	62.
24.9	79.0	7769.0	362.0	-36.4	-49.1	238.3	73.9*	62.9	38.9	316.5	316.9	0.1	25.4	55.7	62.
25.3	80.0	7884.8	356.0	-37.1	-49.7	239.6	81.0	69.8	41.0	317.1	317.5	0.1	25.4	57.9	62.
25.8	81.0	8021.6	349.0	-38.6	-51.0	241.6	99.9	99.9	99.9	316.9	317.2	0.1	25.5	999.9	999.
26.2	82.0	8140.5	343.0	-39.6	-50.4	999.9	99.9	99.9	99.9	317.1	317.5	0.1	30.1	999.9	999.
26.7	83.0	8261.0	337.0	-40.5	99.9	999.9	99.9	99.9	99.9	317.5	999.9	99.9	999.9	999.9	999.
27.0	84.0	8383.1	331.0	-41.8	99.9	999.9	99.9	99.9	99.9	317.5	999.9	99.9	999.9	999.9	999.
27.4	85.0	8506.9	325.0	-42.7	99.9	999.9	99.9	99.9	99.9	317.8	999.9	99.9	999.9	999.9	999.
27.9	86.0	8653.4	318.0	-44.0	99.9	999.9	99.9	99.9	99.9	318.0	999.9	99.9	999.9	999.9	999.
28.3	87.0	8780.9	312.0	-45.1	99.9	999.9	99.9	99.9	99.9	318.2	999.9	99.9	999.9	999.9	999.
28.8	88.0	8910.3	306.0	-46.1	99.9	999.9	99.9	99.9	99.9	318.5	999.9	99.9	999.9	999.9	999.
29.2	89.0	9019.7	301.0	-47.0	99.9	999.9	99.9	99.9	99.9	318.8	999.9	99.9	999.9	999.9	999.
29.7	90.0	9152.7	295.0	-48.2	99.9	999.9	99.9	99.9	99.9	319.0	999.9	99.9	999.9	999.9	999.
30.1	91.0	9265.0	290.0	-49.4	99.9	999.9	99.9	99.9	99.9	318.8	999.9	99.9	999.9	999.9	999.
30.5	92.0	9401.7	284.0	-50.4	99.9	999.9	99.9	99.9	99.9	319.2	999.9	99.9	999.9	999.9	999.
31.0	93.0	9517.3	279.0	-51.4	99.9	999.9	99.9	99.9	99.9	319.5	999.9	99.9	999.9	999.9	999.
31.4	94.0	9634.6	274.0	-52.1	99.9	999.9	99.9	99.9	99.9	320.1	999.9	99.9	999.9	999.9	999.
31.9	95.0	9753.5	269.0	-53.6	99.9	999.9	99.9	99.9	99.9	319.7	999.9	99.9	999.9	999.9	999.
32.6	96.0	9923.0	262.0	-53.7	99.9	999.9	99.9	99.9	99.9	321.9	999.9	99.9	999.9	999.9	999.
33.0	97.0	10046.8	257.0	-53.7	99.9	999.9	99.9	99.9	99.9	323.7	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
2315 GMT

154 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.4	98.0	10173.3	252.0	-53.1	99.9	999.9	99.9	99.9	99.9	326.4	999.9	99.9	999.9	999.9	999.
33.9	99.0	10302.4	247.0	-53.4	99.9	999.9	99.9	99.9	99.9	327.8	999.9	99.9	999.9	999.9	999.
34.2	100.0	10434.2	242.0	-52.9	99.9	999.9	99.9	99.9	99.9	330.5	999.9	99.9	999.9	999.9	999.
34.7	101.0	10595.8	236.0	-53.7	99.9	999.9	99.9	99.9	99.9	331.6	999.9	99.9	999.9	999.9	999.
35.1	102.0	10705.5	232.0	-54.5	99.9	999.9	99.9	99.9	99.9	332.1	999.9	99.9	999.9	999.9	999.
35.6	103.0	10844.7	227.0	-55.7	99.9	999.9	99.9	99.9	99.9	332.4	999.9	99.9	999.9	999.9	999.
36.1	104.0	10957.6	223.0	-57.0	99.9	999.9	99.9	99.9	99.9	332.0	999.9	99.9	999.9	999.9	999.
36.5	105.0	11100.8	218.0	-58.0	99.9	999.9	99.9	99.9	99.9	332.6	999.9	99.9	999.9	999.9	999.
36.9	106.0	11217.2	214.0	-59.2	99.9	999.9	99.9	99.9	99.9	332.5	999.9	99.9	999.9	999.9	999.
37.3	107.0	11364.8	209.0	-60.8	99.9	999.9	99.9	99.9	99.9	332.2	999.9	99.9	999.9	999.9	999.
37.8	108.0	11484.7	205.0	-61.9	99.9	999.9	99.9	99.9	99.9	332.3	999.9	99.9	999.9	999.9	999.
38.2	109.0	11637.1	200.0	-62.9	99.9	999.9	99.9	99.9	99.9	333.2	999.9	99.9	999.9	999.9	999.
38.4	110.0	11761.2	196.0	-64.0	99.9	999.9	99.9	99.9	99.9	333.3	999.9	99.9	999.9	999.9	999.
39.0	111.0	11920.1	191.0	-62.3	99.9	999.9	99.9	99.9	99.9	338.5	999.9	99.9	999.9	999.9	999.
39.5	112.0	12051.3	187.0	-60.8	99.9	999.9	99.9	99.9	99.9	343.0	999.9	99.9	999.9	999.9	999.
39.9	113.0	12219.8	182.0	-61.0	99.9	999.9	99.9	99.9	99.9	345.3	999.9	99.9	999.9	999.9	999.
40.4	114.0	12322.9	179.0	-61.6	99.9	999.9	99.9	99.9	99.9	346.1	999.9	99.9	999.9	999.9	999.
41.0	115.0	12499.0	174.0	-60.5	99.9	999.9	99.9	99.9	99.9	350.7	999.9	99.9	999.9	999.9	999.
41.6	116.0	12680.7	169.0	-60.3	99.9	999.9	99.9	99.9	99.9	353.9	999.9	99.9	999.9	999.9	999.
42.1	117.0	12792.4	166.0	-60.1	99.9	999.9	99.9	99.9	99.9	356.1	999.9	99.9	999.9	999.9	999.
42.6	118.0	12944.6	162.0	-60.1	99.9	999.9	99.9	99.9	99.9	358.6	999.9	99.9	999.9	999.9	999.
43.1	119.0	13100.6	158.0	-60.1	99.9	999.9	99.9	99.9	99.9	361.1	999.9	99.9	999.9	999.9	999.
43.8	120.0	13220.4	155.0	-59.6	99.9	999.9	99.9	99.9	99.9	364.0	999.9	99.9	999.9	999.9	999.
44.4	121.0	13384.1	151.0	-59.2	99.9	999.9	99.9	99.9	99.9	367.4	999.9	99.9	999.9	999.9	999.
45.0	122.0	13552.5	147.0	-58.7	99.9	999.9	99.9	99.9	99.9	371.1	999.9	99.9	999.9	999.9	999.
45.6	123.0	13682.0	144.0	-58.7	99.9	999.9	99.9	99.9	99.9	373.3	999.9	99.9	999.9	999.9	999.
46.2	124.0	13858.9	140.0	-58.9	99.9	999.9	99.9	99.9	99.9	376.0	999.9	99.9	999.9	999.9	999.
46.7	125.0	13994.8	137.0	-59.1	99.9	999.9	99.9	99.9	99.9	378.0	999.9	99.9	999.9	999.9	999.
47.5	126.0	14180.3	133.0	-59.9	99.9	999.9	99.9	99.9	99.9	379.7	999.9	99.9	999.9	999.9	999.
48.1	127.0	14371.0	129.0	-59.9	99.9	999.9	99.9	99.9	99.9	383.0	999.9	99.9	999.9	999.9	999.
48.8	128.0	14517.9	126.0	-59.9	99.9	999.9	99.9	99.9	99.9	385.6	999.9	99.9	999.9	999.9	999.
49.4	129.0	14668.4	123.0	-59.9	99.9	999.9	99.9	99.9	99.9	388.3	999.9	99.9	999.9	999.9	999.
50.1	130.0	14822.7	120.0	-59.9	99.9	999.9	99.9	99.9	99.9	391.0	999.9	99.9	999.9	999.9	999.
50.9	131.0	15033.8	116.0	-61.0	99.9	999.9	99.9	99.9	99.9	392.8	999.9	99.9	999.9	999.9	999.
51.5	132.0	15251.8	112.0	-61.2	99.9	999.9	99.9	99.9	99.9	396.5	999.9	99.9	999.9	999.9	999.
52.1	133.0	15420.3	109.0	-61.4	99.9	999.9	99.9	99.9	99.9	399.2	999.9	99.9	999.9	999.9	999.
52.8	134.0	15593.3	106.0	-61.7	99.9	999.9	99.9	99.9	99.9	401.7	999.9	99.9	999.9	999.9	999.
53.4	135.0	15771.7	103.0	-60.1	99.9	999.9	99.9	99.9	99.9	408.1	999.9	99.9	999.9	999.9	999.
54.3	136.0	16019.7	99.0	-58.7	99.9	999.9	99.9	99.9	99.9	415.5	999.9	99.9	999.9	999.9	999.
55.1	137.0	16212.8	96.0	-59.2	99.9	999.9	99.9	99.9	99.9	418.2	999.9	99.9	999.9	999.9	999.
55.9	138.0	16478.5	92.0	-60.8	99.9	999.9	99.9	99.9	99.9	420.1	999.9	99.9	999.9	999.9	999.
56.8	139.0	16683.9	89.0	-62.3	99.9	999.9	99.9	99.9	99.9	421.2	999.9	99.9	999.9	999.9	999.
57.8	140.0	16966.8	85.0	-64.0	99.9	999.9	99.9	99.9	99.9	423.3	999.9	99.9	999.9	999.9	999.
58.7	141.0	17187.8	82.0	-62.3	99.9	999.9	99.9	99.9	99.9	431.2	999.9	99.9	999.9	999.9	999.
59.7	142.0	17418.4	79.0	-61.6	99.9	999.9	99.9	99.9	99.9	437.3	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

6 FEBRUARY 1975  
2315 GMT

154 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.7	143.0	17740.4	75.0	-61.6	99.9	999.9	99.9	99.9	99.9	443.9	999.9	99.9	999.9	999.9	999.
61.7	144.0	17993.5	72.0	-61.6	99.9	999.9	99.9	99.9	99.9	449.1	999.9	99.9	999.9	999.9	999.
62.8	145.0	18257.6	69.0	-61.0	99.9	999.9	99.9	99.9	99.9	455.8	999.9	99.9	999.9	999.9	999.
64.1	146.0	18534.1	66.0	-60.5	99.9	999.9	99.9	99.9	99.9	462.8	999.9	99.9	999.9	999.9	999.
65.2	147.0	18824.6	63.0	-59.6	99.9	999.9	99.9	99.9	99.9	470.9	999.9	99.9	999.9	999.9	999.
66.4	148.0	19233.7	59.0	-60.8	99.9	999.9	99.9	99.9	99.9	477.0	999.9	99.9	999.9	999.9	999.
67.7	149.0	19558.3	56.0	-60.8	99.9	999.9	99.9	99.9	99.9	484.2	999.9	99.9	999.9	999.9	999.
69.0	150.0	19898.5	53.0	-63.6	99.9	999.9	99.9	99.9	99.9	485.4	999.9	99.9	999.9	999.9	999.
70.3	151.0	20256.2	50.0	-63.4	99.9	999.9	99.9	99.9	99.9	494.0	999.9	99.9	999.9	999.9	999.
71.6	152.0	20634.0	47.0	-66.0	99.9	999.9	99.9	99.9	99.9	496.7	999.9	99.9	999.9	999.9	999.
72.9	153.0	21033.8	44.0	-66.4	99.9	999.9	99.9	99.9	99.9	505.2	999.9	99.9	999.9	999.9	999.
74.3	154.0	21460.2	41.0	-67.7	99.9	999.9	99.9	99.9	99.9	512.3	999.9	99.9	999.9	999.9	999.
76.2	155.0	21919.0	38.0	-66.4	99.9	999.9	99.9	99.9	99.9	526.8	999.9	99.9	999.9	999.9	999.
78.2	156.0	22418.9	35.0	-64.8	99.9	999.9	99.9	99.9	99.9	543.5	999.9	99.9	999.9	999.9	999.
80.2	157.0	22964.5	32.0	-65.8	99.9	999.9	99.9	99.9	99.9	555.0	999.9	99.9	999.9	999.9	999.
82.4	158.0	23564.7	29.0	-64.2	99.9	999.9	99.9	99.9	99.9	575.2	999.9	99.9	999.9	999.9	999.
84.9	159.0	24237.0	26.0	-61.7	99.9	999.9	99.9	99.9	99.9	600.4	999.9	99.9	999.9	999.9	999.
87.3	160.0	24996.2	23.0	-61.7	99.9	999.9	99.9	99.9	99.9	621.8	999.9	99.9	999.9	999.9	999.
90.0	161.0	26177.2	19.0	-62.3	99.9	999.9	99.9	99.9	99.9	655.0	999.9	99.9	999.9	999.9	999.

STATION NO. 317  
GREENSBORO, NC

7 FEBRUARY 1975  
515 GMT

158 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	275.0	976.7	3.9	1.8	999.9	99.9	99.9	99.9	279.5	291.0	4.5	86.0	999.9	999.
0.3	9.0	339.4	969.0	4.0	-2.9	999.9	99.9	99.9	99.9	280.0	288.5	3.2	61.1	999.9	999.
0.6	10.0	432.2	958.0	3.6	-3.6	999.9	99.9	99.9	99.9	280.6	288.7	3.1	59.2	999.9	999.
0.9	11.0	542.9	945.0	2.3	-5.5	999.9	99.9	99.9	99.9	280.3	287.4	2.7	56.3	999.9	999.
1.3	12.0	628.7	935.0	1.5	-6.0	999.9	99.9	99.9	99.9	280.3	287.2	2.6	57.3	999.9	999.
1.6	13.0	715.2	925.0	0.8	-6.5	999.9	99.9	99.9	99.9	280.5	287.3	2.5	58.0	999.9	999.
1.9	14.0	802.4	915.0	-0.0	-6.5	999.9	99.9	99.9	99.9	280.5	287.4	2.6	61.3	999.9	999.
2.2	15.0	899.3	904.0	-0.5	-6.6	999.9	99.9	99.9	99.9	281.0	287.9	2.6	63.3	999.9	999.
2.6	16.0	1005.9	892.0	-1.8	-7.4	999.9	99.9	99.9	99.9	280.7	287.3	2.5	65.5	999.9	999.
2.9	17.0	1095.5	882.0	-2.5	-7.4	999.9	99.9	99.9	99.9	280.8	287.5	2.5	69.1	999.9	999.
3.2	18.0	1176.8	873.0	-3.3	-7.3	999.9	99.9	99.9	99.9	280.8	287.6	2.5	74.1	999.9	999.
3.5	19.0	1267.9	863.0	-4.2	-7.2	999.9	99.9	99.9	99.9	280.8	287.7	2.6	79.5	999.9	999.
3.8	20.0	1350.5	854.0	-5.0	-7.4	999.9	99.9	99.9	99.9	280.8	287.7	2.6	83.4	999.9	999.
4.2	21.0	1471.0	841.0	-5.8	-7.4	999.9	99.9	99.9	99.9	281.3	288.3	2.6	88.4	999.9	999.
4.5	22.0	1564.6	831.0	-6.7	-8.1	999.9	99.9	99.9	99.9	281.3	288.0	2.5	89.7	999.9	999.
4.8	23.0	1659.2	821.0	-7.1	-9.5	999.9	99.9	99.9	99.9	281.8	287.9	2.3	83.0	999.9	999.
5.2	24.0	1745.5	812.0	-5.0	-11.8	999.9	99.9	99.9	99.9	284.8	290.1	1.9	58.6	999.9	999.
5.5	25.0	1843.0	802.0	-5.0	-11.3	999.9	99.9	99.9	99.9	285.9	291.4	2.0	61.1	999.9	999.
5.9	26.0	1961.4	790.0	-5.8	-11.5	999.9	99.9	99.9	99.9	286.3	291.9	2.0	63.6	999.9	999.
6.3	27.0	2061.1	780.0	-6.7	-12.0	999.9	99.9	99.9	99.9	286.3	291.8	2.0	65.9	999.9	999.
6.7	28.0	2151.7	771.0	-7.3	-11.0	999.9	99.9	99.9	99.9	286.7	292.6	2.1	74.3	999.9	999.
7.2	29.0	2253.6	761.0	-6.5	-13.3	999.9	99.9	99.9	99.9	288.5	293.6	1.8	58.2	999.9	999.
7.5	30.0	2357.0	751.0	-6.5	-14.4	999.9	99.9	99.9	99.9	289.6	294.4	1.7	53.4	999.9	999.
7.9	31.0	2451.3	742.0	-6.7	-16.9	999.9	99.9	99.9	99.9	290.4	294.4	1.4	43.8	999.9	999.
8.2	32.0	2546.5	733.0	-7.1	-18.6	999.9	99.9	99.9	99.9	290.9	294.4	1.2	39.2	999.9	999.
8.6	33.0	2642.8	724.0	-7.4	-19.0	999.9	99.9	99.9	99.9	291.6	295.0	1.2	38.7	999.9	999.
8.9	34.0	2740.1	715.0	-7.8	-20.3	999.9	99.9	99.9	99.9	292.1	295.3	1.1	36.0	999.9	999.
9.2	35.0	2838.5	706.0	-8.4	-21.5	999.9	99.9	99.9	99.9	292.5	295.4	1.0	33.9	999.9	999.
9.6	36.0	2960.1	695.0	-9.3	-23.8	999.9	99.9	99.9	99.9	292.9	295.3	0.8	29.6	999.9	999.
10.0	37.0	3060.8	686.0	-10.0	-25.0	999.9	99.9	99.9	99.9	293.1	295.4	0.7	28.2	999.9	999.
10.4	38.0	3162.5	677.0	-10.8	-25.9	999.9	99.9	99.9	99.9	293.4	295.5	0.7	27.4	999.9	999.
10.7	39.0	3253.8	669.0	-11.3	-27.3	999.9	99.9	99.9	99.9	293.8	295.6	0.6	25.1	999.9	999.
11.1	40.0	3357.5	660.0	-12.0	-29.1	999.9	99.9	99.9	99.9	294.1	295.7	0.5	22.6	999.9	999.
11.5	41.0	3485.9	649.0	-13.0	-31.5	999.9	99.9	99.9	99.9	294.4	295.7	0.4	19.5	999.9	999.
11.9	42.0	3580.3	641.0	-13.7	-32.0	999.9	99.9	99.9	99.9	294.6	295.9	0.4	19.5	999.9	999.
12.2	43.0	3687.5	632.0	-14.8	-32.9	999.9	99.9	99.9	99.9	294.5	295.7	0.4	19.6	999.9	999.
12.6	44.0	3795.9	623.0	-15.5	-33.5	999.9	99.9	99.9	99.9	295.0	296.1	0.4	19.6	999.9	999.
13.0	45.0	3893.3	615.0	-16.4	-34.4	999.9	99.9	99.9	99.9	295.1	296.2	0.3	19.2	999.9	999.
13.3	46.0	3991.6	607.0	-17.2	-35.6	999.9	99.9	99.9	99.9	295.3	296.2	0.3	18.3	999.9	999.
13.8	47.0	4103.5	598.0	-17.9	-36.1	999.9	99.9	99.9	99.9	295.7	296.7	0.3	18.4	999.9	999.
14.1	48.0	4204.1	590.0	-18.5	-36.7	999.9	99.9	99.9	99.9	296.1	297.0	0.3	18.4	999.9	999.
14.5	49.0	4305.7	582.0	-19.5	-37.4	999.9	99.9	99.9	99.9	296.1	297.0	0.3	18.5	999.9	999.
14.9	50.0	4408.4	574.0	-20.4	-38.7	999.9	99.9	99.9	99.9	296.2	297.0	0.2	17.6	999.9	999.
15.3	51.0	4538.3	564.0	-21.2	-40.2	999.9	99.9	99.9	99.9	296.7	297.4	0.2	16.1	999.9	999.
15.6	52.0	4643.5	556.0	-22.4	-41.4	999.9	99.9	99.9	99.9	296.5	297.1	0.2	15.7	999.9	999.

\* BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

7 FEBRUARY 1975  
515 GMT

158 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.1	53.0	4736.4	549.0	-22.8	-42.1	999.9	99.9	99.9	99.9	297.1	297.7	0.2	15.2	999.9	999.
16.3	54.0	4843.8	541.0	-23.9	-43.2	999.9	99.9	99.9	99.9	297.1	297.6	0.2	14.8	999.9	999.
16.7	55.0	4938.7	534.0	-25.0	-44.4	999.9	99.9	99.9	99.9	296.9	297.4	0.1	14.4	999.9	999.
17.1	56.0	5075.8	524.0	-26.4	-45.8	999.9	99.9	99.9	99.9	296.8	297.2	0.1	14.0	999.9	999.
17.5	57.0	5186.8	516.0	-27.1	-46.7	999.9	99.9	99.9	99.9	297.3	297.7	0.1	13.5	999.9	999.
17.8	58.0	5299.2	508.0	-28.0	-47.0	999.9	99.9	99.9	99.9	297.5	297.9	0.1	14.1	999.9	999.
18.2	59.0	5413.1	500.0	-28.6	-47.9	999.9	99.9	99.9	99.9	298.1	298.4	0.1	13.6	999.9	999.
18.6	60.0	5499.4	494.0	-29.2	-48.3	999.9	99.9	99.9	99.9	298.5	298.8	0.1	13.7	999.9	999.
18.9	61.0	5616.1	486.0	-29.2	-47.9	999.9	99.9	99.9	99.9	299.9	300.2	0.1	14.2	999.9	999.
19.3	62.0	5719.9	479.0	-28.8	-47.6	999.9	99.9	99.9	99.9	301.6	302.0	0.1	14.2	999.9	999.
19.7	63.0	5840.6	471.0	-28.4	-47.3	999.9	99.9	99.9	99.9	303.5	303.9	0.1	14.1	999.9	999.
20.1	64.0	5948.1	464.0	-27.7	-47.2	999.9	99.9	99.9	99.9	305.7	306.1	0.1	13.5	999.9	999.
20.6	65.0	6057.5	457.0	-26.9	-46.9	999.9	99.9	99.9	99.9	308.0	308.4	0.1	12.9	999.9	999.
21.1	66.0	6201.1	448.0	-26.7	-47.5	999.9	99.9	99.9	99.9	310.1	310.5	0.1	11.8	999.9	999.
21.4	67.0	6314.8	441.0	-26.5	-47.4	999.9	99.9	99.9	99.9	311.6	312.0	0.1	11.8	999.9	999.
21.8	68.0	6430.1	434.0	-27.6	-48.2	999.9	99.9	99.9	99.9	311.7	312.1	0.1	11.5	999.9	999.
22.2	69.0	6530.2	428.0	-28.0	-48.5	999.9	99.9	99.9	99.9	312.5	312.8	0.1	11.9	999.9	999.
22.5	70.0	6648.5	421.0	-28.5	-48.9	999.9	99.9	99.9	99.9	313.3	313.6	0.1	12.0	999.9	999.
23.1	71.0	6803.2	412.0	-29.0	-48.9	999.9	99.9	99.9	99.9	314.5	314.9	0.1	12.6	999.9	999.
23.4	72.0	6908.0	406.0	-29.2	-48.6	999.9	99.9	99.9	99.9	315.7	316.1	0.1	13.1	999.9	999.
23.8	73.0	7032.4	399.0	-29.0	-48.5	999.9	99.9	99.9	99.9	317.4	317.8	0.1	13.1	999.9	999.
24.2	74.0	7158.9	392.0	-29.2	-48.3	999.9	99.9	99.9	99.9	318.9	319.3	0.1	13.7	999.9	999.
24.6	75.0	7269.0	386.0	-30.0	-48.9	999.9	99.9	99.9	99.9	319.2	319.6	0.1	13.7	999.9	999.
25.0	76.0	7399.1	379.0	-30.9	-49.3	999.9	99.9	99.9	99.9	319.7	320.1	0.1	14.3	999.9	999.
25.3	77.0	7512.1	373.0	-31.9	-50.1	999.9	99.9	99.9	99.9	319.7	320.1	0.1	14.4	999.9	999.
25.8	78.0	7626.4	367.0	-33.0	-50.9	999.9	99.9	99.9	99.9	319.8	320.2	0.1	14.5	999.9	999.
26.2	79.0	7742.1	361.0	-34.2	-51.8	999.9	99.9	99.9	99.9	319.7	320.1	0.1	14.6	999.9	999.
26.6	80.0	7878.8	354.0	-35.4	-52.5	999.9	99.9	99.9	99.9	319.9	320.2	0.1	15.2	999.9	999.
27.1	81.0	8017.6	347.0	-36.6	-52.9	999.9	99.9	99.9	99.9	320.1	320.4	0.1	16.4	999.9	999.
27.5	82.0	8138.1	341.0	-37.8	-53.9	999.9	99.9	99.9	99.9	320.1	320.4	0.1	16.5	999.9	999.
28.0	83.0	8260.3	335.0	-38.6	-54.3	999.9	99.9	99.9	99.9	320.6	320.9	0.1	17.0	999.9	999.
28.4	84.0	8384.3	329.0	-39.3	-54.8	999.9	99.9	99.9	99.9	321.4	321.6	0.1	17.1	999.9	999.
28.8	85.0	8510.2	323.0	-40.1	99.9	999.9	99.9	99.9	99.9	322.0	999.9	99.9	999.9	999.9	999.
29.3	86.0	8659.4	316.0	-41.2	99.9	999.9	99.9	99.9	99.9	322.5	999.9	99.9	999.9	999.9	999.
29.7	87.0	8767.5	311.0	-42.4	99.9	999.9	99.9	99.9	99.9	322.3	999.9	99.9	999.9	999.9	999.
30.1	88.0	8898.9	305.0	-43.5	99.9	999.9	99.9	99.9	99.9	322.5	999.9	99.9	999.9	999.9	999.
30.6	89.0	9009.7	300.0	-44.8	99.9	999.9	99.9	99.9	99.9	322.3	999.9	99.9	999.9	999.9	999.
30.9	90.0	9144.5	294.0	-46.1	99.9	999.9	99.9	99.9	99.9	322.3	999.9	99.9	999.9	999.9	999.
31.3	91.0	9281.5	288.0	-46.5	99.9	999.9	99.9	99.9	99.9	323.6	999.9	99.9	999.9	999.9	999.
31.8	92.0	9397.5	283.0	-47.5	99.9	999.9	99.9	99.9	99.9	323.8	999.9	99.9	999.9	999.9	999.
32.2	93.0	9538.9	277.0	-48.5	99.9	999.9	99.9	99.9	99.9	324.3	999.9	99.9	999.9	999.9	999.
32.6	94.0	9634.3	273.0	-49.7	99.9	999.9	99.9	99.9	99.9	323.9	999.9	99.9	999.9	999.9	999.
33.1	95.0	9779.6	267.0	-50.1	99.9	999.9	99.9	99.9	99.9	325.4	999.9	99.9	999.9	999.9	999.
33.8	96.0	9928.0	261.0	-50.4	99.9	999.9	99.9	99.9	99.9	327.0	999.9	99.9	999.9	999.9	999.
34.3	97.0	10079.6	255.0	-50.9	99.9	999.9	99.9	99.9	99.9	328.5	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

7 FEBRUARY 1975  
515 GMT

156 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.8	98.0	10182.4	251.0	-51.0	99.9	999.9	99.9	99.9	99.9	329.8	999.9	99.9	999.9	999.9	999.
35.3	99.0	10313.3	246.0	-51.4	99.9	999.9	99.9	99.9	99.9	331.3	999.9	99.9	999.9	999.9	999.
35.7	100.0	10446.4	241.0	-52.1	99.9	999.9	99.9	99.9	99.9	332.1	999.9	99.9	999.9	999.9	999.
36.2	101.0	10609.3	235.0	-53.0	99.9	999.9	99.9	99.9	99.9	333.1	999.9	99.9	999.9	999.9	999.
36.6	102.0	10747.9	230.0	-53.2	99.9	999.9	99.9	99.9	99.9	334.9	999.9	99.9	999.9	999.9	999.
37.0	103.0	10889.2	225.0	-54.1	99.9	999.9	99.9	99.9	99.9	335.5	999.9	99.9	999.9	999.9	999.
37.3	104.0	11004.0	221.0	-55.3	99.9	999.9	99.9	99.9	99.9	335.5	999.9	99.9	999.9	999.9	999.
37.9	105.0	11149.9	216.0	-55.6	99.9	999.9	99.9	99.9	99.9	337.3	999.9	99.9	999.9	999.9	999.
38.3	106.0	11299.3	211.0	-55.1	99.9	999.9	99.9	99.9	99.9	340.3	999.9	99.9	999.9	999.9	999.
38.8	107.0	11421.6	207.0	-54.9	99.9	999.9	99.9	99.9	99.9	342.4	999.9	99.9	999.9	999.9	999.
39.3	108.0	11546.5	203.0	-54.3	99.9	999.9	99.9	99.9	99.9	345.3	999.9	99.9	999.9	999.9	999.
39.8	109.0	11706.3	198.0	-54.5	99.9	999.9	99.9	99.9	99.9	347.5	999.9	99.9	999.9	999.9	999.
40.3	110.0	11837.0	194.0	-54.8	99.9	999.9	99.9	99.9	99.9	349.1	999.9	99.9	999.9	999.9	999.
40.9	111.0	12003.9	189.0	-55.1	99.9	999.9	99.9	99.9	99.9	351.2	999.9	99.9	999.9	999.9	999.
41.4	112.0	12140.3	185.0	-55.6	99.9	999.9	99.9	99.9	99.9	352.5	999.9	99.9	999.9	999.9	999.
41.8	113.0	12314.7	180.0	-56.2	99.9	999.9	99.9	99.9	99.9	354.2	999.9	99.9	999.9	999.9	999.
42.3	114.0	12421.3	177.0	-57.1	99.9	999.9	99.9	99.9	99.9	354.6	999.9	99.9	999.9	999.9	999.
42.7	115.0	12565.9	173.0	-57.1	99.9	999.9	99.9	99.9	99.9	356.9	999.9	99.9	999.9	999.9	999.
43.2	116.0	12751.5	168.0	-57.2	99.9	999.9	99.9	99.9	99.9	359.6	999.9	99.9	999.9	999.9	999.
43.6	117.0	12903.7	164.0	-57.7	99.9	999.9	99.9	99.9	99.9	361.3	999.9	99.9	999.9	999.9	999.
44.1	118.0	13059.5	160.0	-57.7	99.9	999.9	99.9	99.9	99.9	363.8	999.9	99.9	999.9	999.9	999.
44.7	119.0	13219.0	156.0	-58.6	99.9	999.9	99.9	99.9	99.9	365.1	999.9	99.9	999.9	999.9	999.
45.2	120.0	13340.8	153.0	-59.3	99.9	999.9	99.9	99.9	99.9	365.9	999.9	99.9	999.9	999.9	999.
45.6	121.0	13506.7	149.0	-59.6	99.9	999.9	99.9	99.9	99.9	368.1	999.9	99.9	999.9	999.9	999.
46.1	122.0	13633.2	146.0	-59.8	99.9	999.9	99.9	99.9	99.9	369.9	999.9	99.9	999.9	999.9	999.
46.6	123.0	13807.2	142.0	-60.5	99.9	999.9	99.9	99.9	99.9	371.7	999.9	99.9	999.9	999.9	999.
47.1	124.0	13940.3	139.0	-60.0	99.9	999.9	99.9	99.9	99.9	374.9	999.9	99.9	999.9	999.9	999.
47.5	125.0	14122.6	135.0	-60.1	99.9	999.9	99.9	99.9	99.9	377.7	999.9	99.9	999.9	999.9	999.
48.1	126.0	14310.4	131.0	-59.8	99.9	999.9	99.9	99.9	99.9	381.6	999.9	99.9	999.9	999.9	999.
48.5	127.0	14455.1	128.0	-60.1	99.9	999.9	99.9	99.9	99.9	383.5	999.9	99.9	999.9	999.9	999.
49.1	128.0	14653.2	124.0	-60.1	99.9	999.9	99.9	99.9	99.9	387.0	999.9	99.9	999.9	999.9	999.
49.7	129.0	14805.8	121.0	-60.5	99.9	999.9	99.9	99.9	99.9	389.1	999.9	99.9	999.9	999.9	999.
50.2	130.0	14962.4	118.0	-60.0	99.9	999.9	99.9	99.9	99.9	392.8	999.9	99.9	999.9	999.9	999.
50.8	131.0	15177.8	114.0	-60.0	99.9	999.9	99.9	99.9	99.9	396.7	999.9	99.9	999.9	999.9	999.
51.3	132.0	15344.3	111.0	-60.0	99.9	999.9	99.9	99.9	99.9	399.8	999.9	99.9	999.9	999.9	999.
51.8	133.0	15515.5	108.0	-59.8	99.9	999.9	99.9	99.9	99.9	403.3	999.9	99.9	999.9	999.9	999.
52.3	134.0	15691.4	105.0	-60.0	99.9	999.9	99.9	99.9	99.9	406.2	999.9	99.9	999.9	999.9	999.
52.9	135.0	15872.4	102.0	-60.1	99.9	999.9	99.9	99.9	99.9	409.2	999.9	99.9	999.9	999.9	999.
53.7	136.0	16058.7	99.0	-60.1	99.9	999.9	99.9	99.9	99.9	412.7	999.9	99.9	999.9	999.9	999.
54.6	137.0	16316.0	95.0	-60.1	99.9	999.9	99.9	99.9	99.9	417.6	999.9	99.9	999.9	999.9	999.
55.3	138.0	16515.9	92.0	-60.7	99.9	999.9	99.9	99.9	99.9	420.4	999.9	99.9	999.9	999.9	999.
56.1	139.0	16722.6	89.0	-60.0	99.9	999.9	99.9	99.9	99.9	425.8	999.9	99.9	999.9	999.9	999.
56.7	140.0	17010.6	85.0	-58.8	99.9	999.9	99.9	99.9	99.9	433.9	999.9	99.9	999.9	999.9	999.
57.4	141.0	17235.6	82.0	-60.0	99.9	999.9	99.9	99.9	99.9	435.9	999.9	99.9	999.9	999.9	999.
57.9	142.0	17467.9	79.0	-60.8	99.9	999.9	99.9	99.9	99.9	438.8	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 317  
GREENSBORO, NC

7 FEBRUARY 1975  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	158 15. 0	
														RANGE KM	AZ DG
58.7	143.0	17708.3	76.0	-61.4	99.9	999.9	99.9	99.9	99.9	442.5	999.9	99.9	999.9	999.9	999.
59.4	144.0	17958.1	73.0	-61.4	99.9	999.9	99.9	99.9	99.9	447.7	999.9	99.9	999.9	999.9	999.
60.2	145.0	18217.9	70.0	-62.3	99.9	999.9	99.9	99.9	99.9	451.1	999.9	99.9	999.9	999.9	999.
61.1	146.0	18488.8	67.0	-61.7	99.9	999.9	99.9	99.9	99.9	458.0	999.9	99.9	999.9	999.9	999.
62.0	147.0	18771.9	64.0	-62.5	99.9	999.9	99.9	99.9	99.9	462.4	999.9	99.9	999.9	999.9	999.
62.9	148.0	19068.3	61.0	-62.3	99.9	999.9	99.9	99.9	99.9	469.2	999.9	99.9	999.9	999.9	999.
63.8	149.0	19379.8	58.0	-62.3	99.9	999.9	99.9	99.9	99.9	476.1	999.9	99.9	999.9	999.9	999.
64.6	150.0	19706.7	55.0	-63.8	99.9	999.9	99.9	99.9	99.9	479.9	999.9	99.9	999.9	999.9	999.
65.5	151.0	19933.3	53.0	-64.8	99.9	999.9	99.9	99.9	99.9	482.8	999.9	99.9	999.9	999.9	999.
66.4	152.0	20288.5	50.0	-65.3	99.9	999.9	99.9	99.9	99.9	489.5	999.9	99.9	999.9	999.9	999.
67.6	153.0	20666.4	47.0	-64.0	99.9	999.9	99.9	99.9	99.9	501.5	999.9	99.9	999.9	999.9	999.
69.0	154.0	21070.3	44.0	-64.2	99.9	999.9	99.9	99.9	99.9	510.6	999.9	99.9	999.9	999.9	999.
70.2	155.0	21502.2	41.0	-64.6	99.9	999.9	99.9	99.9	99.9	520.1	999.9	99.9	999.9	999.9	999.
71.4	156.0	21807.2	39.0	-65.3	99.9	999.9	99.9	99.9	99.9	525.6	999.9	99.9	999.9	999.9	999.
72.7	157.0	22293.2	36.0	-66.3	99.9	999.9	99.9	99.9	99.9	535.2	999.9	99.9	999.9	999.9	999.
73.9	158.0	22825.3	33.0	-62.5	99.9	999.9	99.9	99.9	99.9	558.9	999.9	99.9	999.9	999.9	999.
75.3	159.0	23211.1	31.0	-62.5	99.9	999.9	99.9	99.9	99.9	569.0	999.9	99.9	999.9	999.9	999.
77.0	160.0	23838.9	28.0	-62.7	99.9	999.9	99.9	99.9	99.9	585.3	999.9	99.9	999.9	999.9	999.
78.8	161.0	24536.7	25.0	-63.2	99.9	999.9	99.9	99.9	99.9	602.9	999.9	99.9	999.9	999.9	999.
80.7	162.0	25323.1	22.0	-63.0	99.9	999.9	99.9	99.9	99.9	625.9	999.9	99.9	999.9	999.9	999.
83.0	163.0	25913.7	20.0	-60.1	99.9	999.9	99.9	99.9	99.9	652.1	999.9	99.9	999.9	999.9	999.
85.3	164.0	26928.6	17.0	-59.8	99.9	999.9	99.9	99.9	99.9	684.3	999.9	99.9	999.9	999.9	999.
88.5	165.0	27711.5	15.0	-59.4	99.9	999.9	99.9	99.9	99.9	710.4	999.9	99.9	999.9	999.9	999.

STATION NO. 317  
GREENSBORO, NC

7 FEBRUARY 1975  
1131 GMT

153 35. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	275.0	980.4	0.0	-3.4	300.0	4.1	3.6	-2.0	275.1	283.0	3.0	78.0	0.0	0.
0.1	8.0	302.9	977.0	0.8	-6.8	315.6	11.0	7.7	-7.9	276.1	282.3	2.3	56.4	0.2	132.
0.4	9.0	393.8	966.0	0.5	-7.0	315.6	11.0	7.7	-7.9	276.7	282.9	2.3	57.2	0.2	132.
0.7	10.0	477.3	956.0	0.0	-6.9	315.7	10.9	7.6	-7.8	277.0	283.3	2.4	59.4	0.4	133.
1.1	11.0	586.8	943.0	-0.8	-7.3	316.6	10.7	7.4	-7.8	277.3	283.5	2.3	61.0	0.6	134.
1.4	12.0	671.8	933.0	-1.9	-7.6	318.4	10.4	6.9	-7.8	277.0	283.1	2.3	64.6	0.8	135.
1.8	13.0	766.1	922.0	-2.8	-7.7	321.7	9.0	5.6	-7.0	277.0	283.2	2.3	69.0	1.1	136.
2.0	14.0	852.4	912.0	-3.4	-7.6	324.0	8.1	4.8	-6.6	277.2	283.5	2.4	72.6	1.2	137.
2.4	15.0	939.5	902.0	-4.6	-7.7	327.7	8.5	4.5	-7.2	277.8	283.1	2.4	79.3	1.3	138.
2.7	16.0	1044.8	890.0	-5.4	-7.8	328.7	9.4	4.9	-8.0	277.1	283.5	2.4	83.4	1.5	139.
3.0	17.0	1142.3	879.0	-6.3	-7.8	329.0	10.6	5.4	-9.1	277.2	283.6	2.4	89.2	1.7	140.
3.3	18.0	1231.8	869.0	-7.0	-7.8	325.3	10.5	6.0	-8.7	277.3	283.8	2.4	94.2	1.9	141.
3.7	19.0	1322.0	859.0	-7.9	-8.0	318.4	11.5	7.6	-8.6	277.3	283.7	2.4	99.4	2.1	141.
4.0	20.0	1403.9	850.0	-7.8	-12.4	313.0	13.0	9.5	-8.9	278.2	282.9	1.7	69.3	2.3	141.
4.4	21.0	1524.1	837.0	-6.4	-13.2	309.2	14.0	10.8	-8.8	280.8	285.4	1.7	58.8	2.7	140.
4.7	22.0	1609.0	828.0	-4.5	-14.1	306.6	14.9	11.9	-8.9	283.7	288.1	1.5	46.9	2.9	139.
5.0	23.0	1695.1	819.0	-4.5	-13.6	304.3	15.9	13.1	-8.9	284.6	289.2	1.6	48.8	3.2	138.
5.3	24.0	1791.8	809.0	-4.6	-12.8	299.5	16.9	14.7	-8.3	285.5	290.5	1.8	52.8	3.5	136.
5.5	25.0	1889.8	799.0	-4.2	-13.1	296.6	17.6	15.7	-7.9	287.0	291.9	1.7	49.6	3.7	135.
5.8	26.0	1999.1	788.0	-4.5	-14.1	292.4	18.3	16.9	-7.0	287.8	292.4	1.6	47.0	4.0	134.
6.1	27.0	2099.5	778.0	-5.2	-15.5	289.0	18.9	17.9	-6.2	288.0	292.2	1.5	44.3	4.3	132.
6.4	28.0	2201.0	768.0	-5.9	-16.0	286.7	19.3	18.5	-5.6	288.4	292.5	1.4	44.3	4.6	130.
6.7	29.0	2293.2	759.0	-6.7	-16.9	283.0	19.0	18.5	-4.3	288.4	292.3	1.3	44.2	4.9	128.
7.0	30.0	2386.3	750.0	-7.0	-17.4	278.2	18.4	18.2	-2.6	289.1	292.8	1.3	43.2	5.2	127.
7.3	31.0	2480.4	741.0	-7.6	-18.0	273.7	18.1	18.1	-1.2	289.4	293.1	1.3	43.2	5.5	125.
7.7	32.0	2575.3	732.0	-8.8	-19.1	268.3	18.1	18.1	0.5	289.1	292.5	1.2	43.1	5.9	123.
8.0	33.0	2681.8	722.0	-9.1	-20.0	264.9	18.3	18.2	1.6	290.0	293.1	1.1	40.5	6.1	121.
8.3	34.0	2768.0	714.0	-9.7	-20.8	263.8	18.6	18.5	2.0	290.2	293.3	1.0	39.8	6.4	119.
8.6	35.0	2865.8	705.0	-10.3	-21.6	263.2	19.0	18.9	2.3	290.6	293.5	1.0	38.6	6.7	117.
9.0	36.0	2997.8	693.0	-11.5	-23.3	263.5	19.5	19.4	2.2	290.6	293.1	0.8	36.7	7.1	115.
9.3	37.0	3086.7	685.0	-12.2	-23.8	263.5	19.9	19.7	2.2	290.8	293.2	0.8	37.2	7.4	114.
9.6	38.0	3187.6	676.0	-13.0	-25.3	263.4	20.2	20.0	2.3	291.1	293.3	0.7	34.5	7.7	112.
9.9	39.0	3289.7	667.0	-13.5	-28.9	263.0	20.4	20.3	2.5	291.6	293.2	0.5	26.0	8.0	111.
10.1	40.0	3393.0	658.0	-14.1	-30.2	263.0	20.6	20.4	2.5	292.1	293.5	0.5	24.0	8.2	110.
10.5	41.0	3509.0	648.0	-15.0	-32.0	263.2	20.8	20.7	2.4	292.2	293.5	0.4	21.9	8.7	109.
10.8	42.0	3602.8	640.0	-15.7	-34.2	264.4	21.3	21.2	2.1	292.5	293.5	0.3	18.7	9.0	107.
11.1	43.0	3709.5	631.0	-16.4	-35.5	265.7	21.9	21.8	1.6	292.9	293.8	0.3	17.3	9.3	107.
11.4	44.0	3805.3	623.0	-16.8	-37.4	267.0	22.7	22.7	1.2	293.5	294.2	0.2	14.7	9.7	106.
11.8	45.0	3914.5	614.0	-17.5	-37.9	268.4	23.8	23.8	0.7	293.9	294.7	0.2	14.8	10.3	105.
12.1	46.0	4012.5	606.0	-18.2	-38.5	269.3	24.6	24.6	0.3	294.2	294.9	0.2	14.9	10.7	104.
12.4	47.0	4124.2	597.0	-18.7	-38.9	270.1	25.2	25.2	-0.0	294.8	295.6	0.2	14.9	11.1	104.
12.8	48.0	4224.6	589.0	-19.3	-39.0	271.4	25.8	25.8	-0.6	295.4	296.1	0.2	15.5	11.7	103.
13.1	49.0	4326.1	581.0	-20.5	-37.5	272.4	26.2	26.2	-1.1	295.1	295.9	0.3	19.9	12.2	102.
13.5	50.0	4428.6	573.0	-21.2	-35.3	273.9	26.8	26.8	-1.8	295.5	296.2	0.2	17.6	12.8	102.
13.9	51.0	4558.5	563.0	-21.2	-35.3	275.2	27.8	27.7	-2.5	297.0	297.7	0.2	17.6	13.4	102.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

7 FEBRUARY 1975  
1131 GMT

153 35. 0

TIME MIN	CNTCT	HEIGHT GPM	FRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.3	52.0	4664.2	555.0	-21.2	-39.3	276.2	29.0	28.8	-3.1	298.2	298.9	0.2	17.6	14.1	101.
14.7	53.0	4771.3	547.0	-21.4	-39.5	276.8	30.1	29.8	-3.6	299.1	299.8	0.2	17.6	14.8	101.
15.1	54.0	4879.8	539.0	-22.2	-40.2	277.1	30.8	30.5	-3.8	299.4	300.1	0.2	17.7	15.6	101.
15.4	55.0	4975.6	532.0	-23.3	-41.0	277.0	31.0	30.7	-3.8	299.2	299.9	0.2	17.8	16.2	101.
16.0	56.0	5114.3	522.0	-24.2	-41.8	276.7	31.6	31.4	-3.7	299.8	300.4	0.2	17.8	17.2	101.
16.4	57.0	5212.5	515.0	-25.3	-42.6	276.8	32.9	32.7	-3.9	299.6	300.2	0.2	17.9	18.0	100.
16.8	58.0	5326.0	507.0	-26.1	-43.3	277.0	34.0	33.7	-4.2	300.0	300.6	0.2	18.0	18.8	100.
17.1	59.0	5440.9	499.0	-27.0	-44.0	277.1	34.6	34.3	-4.3	300.2	300.8	0.1	18.0	19.5	100.
17.4	60.0	5542.5	492.0	-27.9	-44.7	277.2	34.8	34.5	-4.3	300.3	300.8	0.1	18.1	20.1	100.
17.8	61.0	5660.2	484.0	-28.5	-45.2	277.1	35.3	35.0	-4.4	301.1	301.6	0.1	18.2	20.9	100.
18.3	62.0	5764.4	477.0	-29.4	-45.9	276.7	36.0	35.8	-4.2	301.2	301.6	0.1	18.2	22.0	100.
18.7	63.0	5884.9	469.0	-30.2	-46.6	275.6	36.1	36.0	-3.5	301.7	302.1	0.1	18.3	22.9	100.
19.0	64.0	5991.8	462.0	-30.9	-47.1	274.2	35.9	35.8	-2.6	302.1	302.5	0.1	18.3	23.6	100.
19.4	65.0	6099.9	455.0	-31.9	-48.0	271.4	35.8	35.8	-0.9	302.1	302.5	0.1	18.4	24.4	99.
19.8	66.0	6240.9	446.0	-32.6	-48.5	269.0	37.1	37.1	0.6	303.0	303.4	0.1	18.5	25.2	99.
20.3	67.0	6352.2	439.0	-33.6	-49.4	267.0	40.6	40.5	2.1	303.1	303.4	0.1	18.5	26.3	99.
20.7	68.0	6464.8	432.0	-34.2	-49.8	265.9	43.8	43.7	3.1	303.8	304.1	0.1	18.6	27.3	98.
21.0	69.0	6579.2	425.0	-34.2	-49.8	265.1	46.1	45.9	4.0	305.2	305.5	0.1	18.6	28.1	98.
21.4	70.0	6695.3	418.0	-34.7	-50.2	263.7	47.9	47.7	5.3	306.0	306.3	0.1	18.6	29.2	97.
22.0	71.0	6847.5	409.0	-34.2	-49.8	261.6	50.0	49.4	7.3	308.6	308.9	0.1	18.6	31.0	96.
22.4	72.0	6951.0	403.0	-34.2	-49.8	260.0	52.2	51.4	9.0	309.9	310.2	0.1	18.6	32.0	96.
22.8	73.0	7073.4	396.0	-35.1	-50.6	258.1	53.4	53.2	11.2	310.2	310.5	0.1	18.6	33.3	95.
23.3	74.0	7179.7	390.0	-35.9	-51.2	255.5	55.5	53.7	13.9	310.5	310.8	0.1	18.7	35.0	94.
23.7	75.0	7305.3	383.0	-36.6	-51.8	253.9	55.5	53.4	15.4	311.2	311.5	0.1	18.8	36.3	94.
24.2	76.0	7414.5	377.0	-37.8	-52.8	253.4	56.6*	54.2	16.1	311.0	311.3	0.1	18.8	37.7	93.
24.6	77.0	7543.4	370.0	-39.0	-53.8	253.8	58.5*	56.2	16.4	311.1	311.3	0.1	18.9	38.8	92.
25.0	78.0	7655.4	364.0	-39.4	-54.1	253.6	59.7*	57.3	16.8	312.0	312.2	0.1	19.0	40.6	92.
25.4	79.0	7769.1	358.0	-39.8	-54.5	251.4	58.2*	55.2	18.6	312.9	313.2	0.1	19.0	41.9	91.
25.8	80.0	7884.4	352.0	-40.5	99.9	248.9	57.7*	53.9	20.8	313.6	999.9	99.9	999.9	43.0	90.
26.2	81.0	8040.8	344.0	-41.2	99.9	247.5	58.6*	54.1	22.4	314.7	999.9	99.9	999.9	44.3	90.
26.7	82.0	8160.2	338.0	-41.8	99.9	248.0	60.6*	56.2	22.7	315.6	999.9	99.9	999.9	46.0	89.
27.1	83.0	8281.5	332.0	-42.3	99.9	249.3	61.8*	57.8	21.8	316.4	999.9	99.9	999.9	47.4	88.
27.6	84.0	8404.7	326.0	-42.7	99.9	250.1	63.2*	59.4	21.5	317.5	999.9	99.9	999.9	49.2	87.
28.1	85.0	8529.9	320.0	-43.4	99.9	249.3	65.9*	61.6	23.3	318.2	999.9	99.9	999.9	51.0	87.
28.7	86.0	8678.6	313.0	-43.7	99.9	247.9	70.0*	64.9	26.3	319.8	999.9	99.9	999.9	53.3	86.
29.1	87.0	8808.4	307.0	-44.7	99.9	247.7	71.9*	66.5	27.3	320.2	999.9	99.9	999.9	55.0	85.
29.6	88.0	8918.3	302.0	-44.7	99.9	247.8	72.8*	67.4	27.5	321.7	999.9	99.9	999.9	57.0	85.
30.0	89.0	9052.3	296.0	-45.4	99.9	247.8	73.1*	67.6	27.7	322.6	999.9	99.9	999.9	58.9	84.
30.5	90.0	9188.6	290.0	-46.4	99.9	247.1	72.4*	66.7	28.1	323.0	999.9	99.9	999.9	60.5	84.
31.0	91.0	9303.8	285.0	-47.6	99.9	246.1	69.0*	63.1	28.0	323.0	999.9	99.9	999.9	63.5	83.
31.5	92.0	9444.1	279.0	-48.5	99.9	245.2	67.8*	61.6	28.4	323.7	999.9	99.9	999.9	64.5	82.
32.0	93.0	9562.9	274.0	-49.4	99.9	245.9	74.8*	68.2	30.5	324.0	999.9	99.9	999.9	66.9	82.
32.5	94.0	9683.3	269.0	-50.4	99.9	247.6	83.4*	77.1	31.8	324.2	999.9	99.9	999.9	68.5	81.
33.0	95.0	9830.4	263.0	-50.4	99.9	250.7	92.4*	87.2	30.6	326.3	999.9	99.9	999.9	72.3	81.
33.7	96.0	9981.2	257.0	-49.3	99.9	999.9	99.9	99.9	99.9	329.4	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

7 FEBRUARY 1975  
1231 GMT

153 35. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.2	97.0	10109.6	252.0	-50.0	99.9	999.9	99.9	99.9	99.9	331.0	999.9	99.9	999.9	999.9	999.
34.7	98.0	10240.5	247.0	-50.4	99.9	999.9	99.9	99.9	99.9	332.2	999.9	99.9	999.9	999.9	999.
35.2	99.0	10374.0	242.0	-50.3	99.9	999.9	99.9	99.9	99.9	334.4	999.9	99.9	999.9	999.9	999.
35.7	100.0	10510.2	237.0	-50.4	99.9	999.9	99.9	99.9	99.9	336.2	999.9	99.9	999.9	999.9	999.
36.2	101.0	10677.4	231.0	-50.6	99.9	999.9	99.9	99.9	99.9	338.4	999.9	99.9	999.9	999.9	999.
36.7	102.0	10819.8	226.0	-51.5	99.9	999.9	99.9	99.9	99.9	339.1	999.9	99.9	999.9	999.9	999.
37.3	103.0	10935.6	222.0	-51.8	99.9	999.9	99.9	99.9	99.9	340.4	999.9	99.9	999.9	999.9	999.
37.8	104.0	11083.1	217.0	-52.3	99.9	999.9	99.9	99.9	99.9	341.9	999.9	99.9	999.9	999.9	999.
38.3	105.0	11203.7	213.0	-51.7	99.9	999.9	99.9	99.9	99.9	344.7	999.9	99.9	999.9	999.9	999.
38.9	106.0	11357.8	208.0	-51.7	99.9	999.9	99.9	99.9	99.9	347.0	999.9	99.9	999.9	999.9	999.
39.4	107.0	11483.7	204.0	-51.7	99.9	999.9	99.9	99.9	99.9	349.0	999.9	99.9	999.9	999.9	999.
40.0	108.0	11644.7	199.0	-51.8	99.9	999.9	99.9	99.9	99.9	351.2	999.9	99.9	999.9	999.9	999.
40.6	109.0	11776.2	195.0	-52.1	99.9	999.9	99.9	99.9	99.9	352.8	999.9	99.9	999.9	999.9	999.
41.1	110.0	11910.3	191.0	-52.3	99.9	999.9	99.9	99.9	99.9	354.6	999.9	99.9	999.9	999.9	999.
41.8	111.0	12081.6	186.0	-53.1	99.9	999.9	99.9	99.9	99.9	356.0	999.9	99.9	999.9	999.9	999.
42.4	112.0	12257.3	181.0	-53.1	99.9	999.9	99.9	99.9	99.9	358.8	999.9	99.9	999.9	999.9	999.
42.9	113.0	12401.1	177.0	-53.7	99.9	999.9	99.9	99.9	99.9	360.1	999.9	99.9	999.9	999.9	999.
43.5	114.0	12547.8	173.0	-54.5	99.9	999.9	99.9	99.9	99.9	361.1	999.9	99.9	999.9	999.9	999.
44.1	115.0	12697.6	169.0	-54.5	99.9	999.9	99.9	99.9	99.9	363.5	999.9	99.9	999.9	999.9	999.
44.8	116.0	12850.9	165.0	-54.7	99.9	999.9	99.9	99.9	99.9	365.8	999.9	99.9	999.9	999.9	999.
45.3	117.0	13008.0	161.0	-54.7	99.9	999.9	99.9	99.9	99.9	368.4	999.9	99.9	999.9	999.9	999.
45.8	118.0	13168.8	157.0	-55.2	99.9	999.9	99.9	99.9	99.9	370.2	999.9	99.9	999.9	999.9	999.
46.4	119.0	13333.5	153.0	-55.5	99.9	999.9	99.9	99.9	99.9	372.4	999.9	99.9	999.9	999.9	999.
46.9	120.0	13459.7	150.0	-55.7	99.9	999.9	99.9	99.9	99.9	374.2	999.9	99.9	999.9	999.9	999.
47.5	121.0	13631.5	146.0	-56.5	99.9	999.9	99.9	99.9	99.9	375.7	999.9	99.9	999.9	999.9	999.
48.0	122.0	13763.1	143.0	-57.2	99.9	999.9	99.9	99.9	99.9	376.7	999.9	99.9	999.9	999.9	999.
48.5	123.0	13942.6	139.0	-57.0	99.9	999.9	99.9	99.9	99.9	380.1	999.9	99.9	999.9	999.9	999.
49.1	124.0	14080.5	136.0	-58.0	99.9	999.9	99.9	99.9	99.9	380.7	999.9	99.9	999.9	999.9	999.
49.7	125.0	14220.8	133.0	-58.7	99.9	999.9	99.9	99.9	99.9	381.9	999.9	99.9	999.9	999.9	999.
50.4	126.0	14461.4	128.0	-58.9	99.9	999.9	99.9	99.9	99.9	385.8	999.9	99.9	999.9	999.9	999.
51.0	127.0	14610.1	125.0	-59.2	99.9	999.9	99.9	99.9	99.9	387.8	999.9	99.9	999.9	999.9	999.
51.6	128.0	14762.3	122.0	-59.4	99.9	999.9	99.9	99.9	99.9	390.1	999.9	99.9	999.9	999.9	999.
52.2	129.0	14917.9	119.0	-60.3	99.9	999.9	99.9	99.9	99.9	391.3	999.9	99.9	999.9	999.9	999.
52.8	130.0	15077.0	116.0	-60.5	99.9	999.9	99.9	99.9	99.9	393.8	999.9	99.9	999.9	999.9	999.
53.7	131.0	15295.6	112.0	-60.5	99.9	999.9	99.9	99.9	99.9	397.8	999.9	99.9	999.9	999.9	999.
54.3	132.0	15464.6	109.0	-60.8	99.9	999.9	99.9	99.9	99.9	400.2	999.9	99.9	999.9	999.9	999.
54.9	133.0	15638.1	106.0	-61.0	99.9	999.9	99.9	99.9	99.9	403.1	999.9	99.9	999.9	999.9	999.
55.6	134.0	15816.5	103.0	-61.0	99.9	999.9	99.9	99.9	99.9	406.4	999.9	99.9	999.9	999.9	999.
56.2	135.0	15938.1	101.0	-61.9	99.9	999.9	99.9	99.9	99.9	406.9	999.9	99.9	999.9	999.9	999.
56.9	136.0	16188.2	97.0	-61.7	99.9	999.9	99.9	99.9	99.9	412.0	999.9	99.9	999.9	999.9	999.
57.8	137.0	16383.2	94.0	-60.8	99.9	999.9	99.9	99.9	99.9	417.5	999.9	99.9	999.9	999.9	999.
58.7	138.0	16585.1	91.0	-60.5	99.9	999.9	99.9	99.9	99.9	422.1	999.9	99.9	999.9	999.9	999.
59.4	139.0	16794.7	88.0	-58.9	99.9	999.9	99.9	99.9	99.9	429.4	999.9	99.9	999.9	999.9	999.
60.2	140.0	17012.4	85.0	-58.9	99.9	999.9	99.9	99.9	99.9	433.7	999.9	99.9	999.9	999.9	999.
60.9	141.0	17237.6	82.0	-59.4	99.9	999.9	99.9	99.9	99.9	437.1	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317  
GREENSBORO, NC

7 FEBRUARY 1975  
1131 GMT

153 35. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX-RTD GM/KG	RH PCT	RANGE KM	AZ DG
61.7	142.0	17470.5	79.0	-60.3	99.9	999.9	99.9	99.9	99.9	439.9	999.9	99.9	999.9	999.9	999.
62.3	143.0	17711.8	76.0	-60.5	99.9	999.9	99.9	99.9	99.9	444.5	999.9	99.9	999.9	999.9	999.
63.1	144.0	17961.9	73.0	-61.7	99.9	999.9	99.9	99.9	99.9	446.9	999.9	99.9	999.9	999.9	999.
63.9	145.0	18221.7	70.0	-61.9	99.9	999.9	99.9	99.9	99.9	451.9	999.9	99.9	999.9	999.9	999.
64.6	146.0	18401.5	68.0	-60.8	99.9	999.9	99.9	99.9	99.9	458.1	999.9	99.9	999.9	999.9	999.
65.4	147.0	18682.1	65.0	-60.8	99.9	999.9	99.9	99.9	99.9	464.0	999.9	99.9	999.9	999.9	999.
66.3	148.0	18875.7	63.0	-62.5	99.9	999.9	99.9	99.9	99.9	464.5	999.9	99.9	999.9	999.9	999.
67.3	149.0	19176.9	60.0	-62.3	99.9	999.9	99.9	99.9	99.9	471.5	999.9	99.9	999.9	999.9	999.
68.2	150.0	19493.8	57.0	-62.1	99.9	999.9	99.9	99.9	99.9	478.8	999.9	99.9	999.9	999.9	999.
69.0	151.0	19714.7	55.0	-61.9	99.9	999.9	99.9	99.9	99.9	484.2	999.9	99.9	999.9	999.9	999.
69.9	152.0	20060.5	52.0	-63.4	99.9	999.9	99.9	99.9	99.9	488.5	999.9	99.9	999.9	999.9	999.
70.8	153.0	20302.1	50.0	-62.3	99.9	999.9	99.9	99.9	99.9	496.7	999.9	99.9	999.9	999.9	999.
71.7	154.0	20684.2	47.0	-62.3	99.9	999.9	99.9	99.9	99.9	505.6	999.9	99.9	999.9	999.9	999.
72.7	155.0	20952.8	45.0	-62.3	99.9	999.9	99.9	99.9	99.9	511.9	999.9	99.9	999.9	999.9	999.
73.7	156.0	21378.7	42.0	-62.5	99.9	999.9	99.9	99.9	99.9	521.6	999.9	99.9	999.9	999.9	999.
74.6	157.0	21678.6	40.0	-64.2	99.9	999.9	99.9	99.9	99.9	524.6	999.9	99.9	999.9	999.9	999.
75.5	158.0	21991.2	38.0	-66.0	99.9	999.9	99.9	99.9	99.9	527.8	999.9	99.9	999.9	999.9	999.
76.7	159.0	22495.1	35.0	-61.9	99.9	999.9	99.9	99.9	99.9	551.0	999.9	99.9	999.9	999.9	999.

STATION NO. 327  
NASHVILLE, TENN

5 FEBRUARY 1975  
2315 GMT

160 19. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	180.0	989.4	10.0	8.1	250.0	2.6	2.4	0.9	284.9	302.6	6.9	88.0	0.0	0.
0.2	6.0	217.1	985.0	10.6	7.0	62.7	0.8	-0.7	-0.4	285.9	302.5	6.4	78.3	0.3	71.
0.6	7.0	319.4	973.0	10.3	8.0	315.5	0.2	0.1	-0.1	286.6	304.5	7.0	85.9	0.3	71.
1.0	8.0	414.0	962.0	9.2	7.6	257.3	3.5	3.4	0.8	286.3	304.0	6.8	89.7	0.3	71.
1.3	9.0	509.3	951.0	8.1	6.8	257.7	6.2	6.0	1.3	286.1	303.0	6.5	91.4	0.4	73.
1.7	10.0	605.3	940.0	7.0	6.1	260.0	8.4	8.3	1.5	285.9	302.3	6.3	94.0	0.6	74.
2.2	11.0	719.8	927.0	6.1	5.7	264.8	10.0	10.0	0.9	286.2	302.3	6.2	97.1	0.9	77.
2.5	12.0	817.6	916.0	5.1	4.6	267.4	11.1	11.1	0.5	286.0	301.2	5.8	97.0	1.1	78.
2.9	13.0	916.3	905.0	4.4	3.9	269.6	11.1	11.1	0.1	286.3	300.9	5.6	96.5	1.3	81.
3.3	14.0	1015.9	894.0	3.7	3.2	271.4	11.2	11.2	-0.3	286.5	300.7	5.4	96.4	1.6	82.
3.7	15.0	1107.3	884.0	3.0	2.5	271.5	11.8	11.8	-0.3	286.7	300.4	5.2	96.3	1.9	84.
4.1	16.0	1227.3	871.0	2.3	1.8	270.2	12.5	12.5	-0.0	287.2	300.5	5.0	96.4	2.2	85.
4.5	17.0	1330.1	860.0	1.7	1.2	268.6	13.2	13.2	0.3	287.6	300.5	4.9	96.8	2.5	85.
4.8	18.0	1424.4	850.0	1.2	0.7	267.0	12.6	12.6	0.7	288.0	300.7	4.8	96.9	2.7	86.
5.2	19.0	1519.6	840.0	0.4	-0.1	264.2	12.1	12.1	1.2	288.1	300.2	4.5	96.8	3.0	86.
5.7	20.0	1615.8	830.0	0.0	-0.5	260.1	13.1	12.9	2.3	288.7	300.6	4.5	96.2	3.4	85.
6.1	21.0	1732.5	818.0	-0.5	-1.0	257.3	15.2	14.9	3.3	289.4	301.1	4.3	95.8	3.7	85.
6.4	22.0	1830.8	808.0	-1.6	-2.5	254.9	16.1	15.5	4.2	289.2	299.8	3.9	93.3	4.0	84.
6.8	23.0	1930.0	798.0	-2.0	-2.8	256.4	15.6	15.2	3.7	289.7	300.3	3.9	94.4	4.4	83.
7.2	24.0	2030.3	788.0	-2.7	-3.1	260.3	15.1	14.8	2.5	290.0	300.5	3.9	96.7	4.7	83.
7.5	25.0	2131.6	778.0	-3.3	-3.8	263.8	14.9	14.9	1.6	290.4	300.6	3.7	96.6	5.0	83.
7.9	26.0	2254.7	766.0	-3.5	-3.9	263.1	15.2	15.1	1.8	291.5	301.8	3.7	96.6	5.4	83.
8.2	27.0	2358.6	756.0	-4.1	-4.5	262.7	15.5	15.4	2.0	291.9	301.9	3.6	96.5	5.6	83.
8.5	28.0	2453.1	747.0	-4.8	-5.3	262.4	15.8	15.6	2.1	292.1	301.6	3.4	96.4	5.9	83.
8.9	29.0	2548.4	738.0	-5.4	-5.9	261.5	16.6	16.4	2.5	292.4	301.7	3.3	96.3	6.3	83.
9.1	30.0	2655.6	728.0	-5.7	-6.2	260.9	17.0	16.8	2.7	293.2	302.4	3.3	96.2	6.5	83.
9.4	31.0	2753.1	719.0	-6.5	-7.0	260.0	17.9	17.6	3.1	293.4	302.2	3.1	96.1	6.8	83.
9.7	32.0	2851.5	710.0	-7.4	-7.9	258.9	18.7	18.4	3.6	293.5	301.8	3.0	96.0	7.1	83.
10.1	33.0	2950.7	701.0	-8.6	-9.1	257.3	20.0	19.5	4.4	293.2	300.9	2.7	95.8	7.6	82.
10.3	34.0	3050.7	692.0	-10.0	-25.6	256.3	20.6	20.0	4.9	292.4	294.5	0.7	26.6	7.8	82.
10.8	35.0	3140.2	684.0	-10.9	-31.8	253.8	22.4	21.5	6.3	292.4	293.6	0.4	15.8	8.5	82.
11.2	36.0	3264.5	673.0	-11.9	-55.6	252.1	24.0	22.8	7.4	292.6	292.7	0.0	1.3	9.0	81.
11.6	37.0	3367.4	664.0	-12.6	-50.3	251.2	25.5	24.2	8.2	292.9	293.1	0.1	2.5	9.6	80.
12.0	38.0	3459.8	656.0	-13.3	-50.5	251.2	26.9	25.5	8.7	293.1	293.3	0.1	2.6	10.2	80.
12.4	39.0	3564.8	647.0	-13.7	-50.6	251.9	28.3	26.9	8.8	293.8	294.0	0.1	2.7	10.9	79.
12.8	40.0	3671.1	638.0	-14.4	-50.9	252.1	29.5	28.0	9.0	294.2	294.4	0.1	2.8	11.6	79.
13.2	41.0	3790.6	628.0	-15.4	-51.2	251.9	30.2	28.7	9.4	294.4	294.6	0.1	2.9	12.3	79.
13.5	42.0	3887.4	620.0	-15.8	-49.8	251.5	30.5	28.9	9.7	295.0	295.2	0.1	3.5	12.9	78.
13.9	43.0	3997.5	611.0	-16.4	-48.7	250.3	30.0	28.2	10.1	295.6	295.9	0.1	4.2	13.6	78.
14.2	44.0	4096.5	603.0	-17.0	-51.8	249.3	29.6	27.6	10.4	295.9	296.1	0.1	3.1	14.1	78.
14.6	45.0	4196.5	595.0	-17.7	-52.1	248.0	29.1	27.0	10.9	296.3	296.5	0.0	3.1	14.8	77.
15.0	46.0	4297.7	587.0	-18.3	-52.3	247.1	29.1	26.8	11.3	296.8	297.0	0.0	3.2	15.5	77.
15.3	47.0	4387.1	580.0	-19.1	-48.1	247.0	29.5	27.2	11.5	296.9	297.2	0.1	5.6	16.0	76.
15.7	48.0	4490.4	572.0	-19.8	-47.6	247.4	30.2	27.8	11.6	297.3	297.6	0.1	6.3	16.7	76.
16.1	49.0	4594.8	564.0	-20.2	-48.7	248.2	30.7	28.5	11.4	298.0	298.3	0.1	5.8	17.4	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

5 FEBRUARY 1975  
2315 GMT

160 19. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.4	50.0	4700.6	556.0	-20.7	-36.2	248.9	30.8	28.8	11.1	298.6	299.6	0.3	23.3	18.0	75.
16.8	51.0	4834.5	546.0	-21.8	-34.4	250.0	30.9	29.0	10.6	298.9	300.1	0.4	30.5	18.8	75.
17.2	52.0	4929.5	539.0	-22.2	-28.0	251.2	31.5	29.8	10.2	299.6	301.8	0.7	59.1	19.5	75.
17.7	53.0	5039.2	531.0	-23.2	-27.9	252.8	33.8	32.3	10.0	299.6	301.8	0.7	65.0	20.4	75.
18.0	54.0	5136.2	524.0	-24.3	-37.2	253.8	36.0	34.5	10.0	299.4	300.3	0.3	28.9	20.9	75.
18.3	55.0	5234.2	517.0	-24.4	-55.0	254.6	38.0	36.6	10.1	300.3	300.5	0.0	3.9	21.7	75.
18.8	56.0	5362.1	508.0	-24.6	-65.6	255.3	40.6	39.3	10.3	301.7	301.7	0.0	1.0	22.9	75.
19.2	57.0	5463.1	501.0	-25.1	-65.9	255.3	42.5	41.1	10.8	302.2	302.3	0.0	1.0	23.9	75.
19.5	58.0	5565.2	494.0	-25.3	-66.1	255.0	44.1	42.6	11.4	303.1	303.2	0.0	1.0	24.7	75.
19.9	59.0	5683.6	486.0	-25.7	-66.4	253.8	47.7	45.9	13.3	304.1	304.1	0.0	1.0	25.7	75.
20.3	60.0	5773.6	480.0	-25.9	-66.5	252.3	52.7	50.2	16.0	305.0	305.0	0.0	1.0	26.9	75.
20.6	61.0	5879.9	473.0	-26.5	-66.9	251.1	56.8	53.8	18.5	305.5	305.5	0.0	1.0	27.9	75.
21.0	62.0	5987.6	466.0	-26.5	-66.9	249.4	62.6	58.6	22.0	306.8	306.8	0.0	1.0	29.2	75.
21.4	63.0	6096.9	459.0	-26.7	-67.0	248.4	64.9*	60.3	23.9	307.9	308.0	0.0	1.0	30.9	74.
21.8	64.0	6207.8	452.0	-27.1	-67.2	248.2	63.3*	58.8	23.5	308.8	308.8	0.0	1.0	32.7	74.
22.2	65.0	6304.1	446.0	-27.2	-67.3	248.5	60.3*	56.1	22.1	309.8	309.8	0.0	1.0	34.1	74.
22.8	66.0	6434.3	438.0	-27.8	-67.7	248.9	59.0*	55.0	21.2	310.6	310.6	0.0	1.0	35.9	73.
23.3	67.0	6550.0	431.0	-28.4	-68.1	248.6	61.6*	57.4	22.4	311.3	311.4	0.0	1.0	37.8	73.
23.8	68.0	6650.3	425.0	-29.2	-68.6	248.2	62.3*	57.9	23.1	311.6	311.6	0.0	1.0	39.8	73.
24.3	69.0	6751.7	419.0	-30.2	-69.3	248.0	60.8*	56.4	22.8	311.5	311.5	0.0	1.0	41.6	73.
24.8	70.0	6871.4	412.0	-31.0	-58.5	248.1	60.8*	56.4	22.7	312.0	312.1	0.0	4.7	43.3	72.
25.3	71.0	6992.6	405.0	-32.3	-55.5	248.2	63.3*	58.8	23.5	311.8	312.0	0.0	7.8	45.2	72.
25.7	72.0	7115.4	398.0	-33.2	-53.0	248.1	65.7*	61.0	24.5	312.2	312.5	0.1	11.6	46.7	72.
26.1	73.0	7222.0	392.0	-33.9	-51.8	247.8	67.5*	62.5	25.5	312.7	313.0	0.1	14.2	48.4	72.
26.5	74.0	7329.9	386.0	-35.1	-51.9	247.5	68.5*	63.3	26.2	312.5	312.8	0.1	15.8	50.0	72.
27.0	75.0	7438.8	380.0	-36.3	-54.2	247.4	69.3*	64.0	26.6	312.4	312.6	0.1	13.5	52.0	72.
27.5	76.0	7549.1	374.0	-37.0	-63.8	247.6	68.5*	63.4	26.1	312.7	312.8	0.0	4.3	54.1	72.
28.0	77.0	7660.8	368.0	-37.8	-74.4	247.8	64.2*	59.5	24.2	313.1	313.1	0.0	1.0	56.4	71.
28.4	78.0	7773.8	362.0	-38.8	-75.0	248.0	60.1*	55.8	22.5	313.3	313.3	0.0	1.0	57.7	71.
28.9	79.0	7869.1	357.0	-39.7	-75.0	248.4	57.6*	53.6	21.3	313.3	313.3	0.0	1.0	59.3	71.
29.3	80.0	7984.8	351.0	-40.7	99.9	248.2	57.7*	53.6	21.4	313.6	999.9	99.9	999.9	60.7	71.
29.9	81.0	8121.5	344.0	-42.0	99.9	246.8	58.8*	54.0	23.2	313.6	999.9	99.9	999.9	62.8	71.
30.3	82.0	8220.5	339.0	-42.7	99.9	245.3	59.8*	54.3	24.9	314.0	999.9	99.9	999.9	64.2	71.
30.8	83.0	8340.8	333.0	-43.4	99.9	244.0	61.6*	55.4	27.0	314.7	999.9	99.9	999.9	66.0	71.
31.3	84.0	8442.5	328.0	-44.2	99.9	243.4	65.0*	58.1	29.1	314.9	999.9	99.9	999.9	67.9	71.
31.7	85.0	8566.0	322.0	-45.2	99.9	243.1	69.0*	61.6	31.2	315.2	999.9	99.9	999.9	69.4	70.
32.4	86.0	8691.3	316.0	-46.2	99.9	242.6	74.5*	66.2	34.3	315.5	999.9	99.9	999.9	72.4	70.
32.8	87.0	8818.4	310.0	-47.2	99.9	242.1	71.5*	63.2	33.4	315.8	999.9	99.9	999.9	74.5	70.
33.3	88.0	8925.7	305.0	-48.5	99.9	241.4	64.0*	56.2	30.6	315.5	999.9	99.9	999.9	76.5	70.
33.8	89.0	9034.3	300.0	-49.4	99.9	241.3	58.3**	51.1	28.0	315.7	999.9	99.9	999.9	78.1	69.
34.2	90.0	9166.5	294.0	-50.1	99.9	242.0	57.5**	50.7	27.0	316.5	999.9	99.9	999.9	79.5	69.
34.7	91.0	9278.4	289.0	-50.4	99.9	243.6	60.7**	54.4	27.0	317.7	999.9	99.9	999.9	81.1	69.
35.2	92.0	9392.1	284.0	-51.0	99.9	245.2	64.6**	58.7	27.2	318.4	999.9	99.9	999.9	82.9	69.
35.7	93.0	9507.7	279.0	-51.2	99.9	245.5	62.6**	57.0	26.0	319.8	999.9	99.9	999.9	85.2	69.
36.1	94.0	9624.9	274.0	-52.4	99.9	244.6	57.1**	51.5	24.5	319.7	999.9	99.9	999.9	86.9	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

5 FEBRUARY 1975  
2315 GMT

160 19. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.6	95.0	9743.9	269.0	-53.0	99.9	242.4	54.1**	47.9	25.1	320.5	999.9	99.9	999.9	88.0	69.
37.1	96.0	9864.8	264.0	-53.2	99.9	241.0	62.0**	54.2	30.1	322.0	999.9	99.9	999.9	89.3	69.
37.6	97.0	9988.0	259.0	-53.2	99.9	239.9	70.2**	60.7	35.3	323.8	999.9	99.9	999.9	91.8	69.
38.1	98.0	10113.6	254.0	-53.3	99.9	238.0	69.6**	59.0	36.9	325.3	999.9	99.9	999.9	94.2	68.
38.7	99.0	10241.4	249.0	-53.9	99.9	235.0	64.8**	53.1	37.1	326.3	999.9	99.9	999.9	96.3	68.
39.1	100.0	10345.8	245.0	-52.4	99.9	233.5	64.5**	51.8	38.4	330.1	999.9	99.9	999.9	97.7	68.
39.4	101.0	10506.6	239.0	-52.5	99.9	232.7	72.2**	57.5	43.7	332.2	999.9	99.9	999.9	100.3	67.
40.4	102.0	10615.2	235.0	-52.2	99.9	232.9	77.4**	61.7	46.6	334.3	999.9	99.9	999.9	103.0	67.
40.9	103.0	10754.4	230.0	-52.1	99.9	232.6	69.9**	55.5	42.5	336.6	999.9	99.9	999.9	105.9	67.
41.4	104.0	10867.8	226.0	-53.0	99.9	232.1	58.9**	46.5	36.2	336.9	999.9	99.9	999.9	107.3	66.
41.9	105.0	11012.0	221.0	-53.2	99.9	233.1	57.0**	45.5	34.2	338.8	999.9	99.9	999.9	108.6	66.
42.4	106.0	11129.7	217.0	-53.0	99.9	235.5	62.5**	51.5	35.4	340.8	999.9	99.9	999.9	110.4	66.
42.9	107.0	11249.6	213.0	-53.2	99.9	238.5	66.9**	57.0	35.0	342.4	999.9	99.9	999.9	112.4	66.
43.4	108.0	11371.7	209.0	-53.6	99.9	241.2	65.1**	57.1	31.4	343.5	999.9	99.9	999.9	114.5	66.
43.9	109.0	11496.2	205.0	-52.8	99.9	243.3	58.6**	52.4	26.3	346.6	999.9	99.9	999.9	116.7	66.
44.5	110.0	11655.8	200.0	-52.1	99.9	245.1	57.5**	52.1	24.2	350.3	999.9	99.9	999.9	118.3	66.
45.2	111.0	11819.5	195.0	-52.7	99.9	245.4	75.7**	68.8	31.5	351.9	999.9	99.9	999.9	120.7	66.
45.7	112.0	11953.3	191.0	-52.8	99.9	244.9	77.4**	70.1	32.8	353.7	999.9	99.9	999.9	123.9	66.
46.3	113.0	12089.9	187.0	-52.5	99.9	244.2	62.3**	56.1	27.1	356.4	999.9	99.9	999.9	126.6	66.
46.8	114.0	12194.3	184.0	-53.2	99.9	244.9	56.0**	50.7	23.8	357.0	999.9	99.9	999.9	127.6	66.
47.4	115.0	12335.7	180.0	-53.9	99.9	245.8	56.0**	51.1	22.9	358.0	999.9	99.9	999.9	129.8	66.
48.1	116.0	12516.2	175.0	-54.7	99.9	241.9	40.4**	35.7	19.0	359.6	999.9	99.9	999.9	132.7	66.
48.6	117.0	12663.9	171.0	-55.7	99.9	237.2	34.5**	29.0	18.7	360.4	999.9	99.9	999.9	132.9	66.
49.1	118.0	12776.4	168.0	-56.3	99.9	238.9	48.7**	41.7	25.1	361.2	999.9	99.9	999.9	133.4	65.
49.7	119.0	12929.2	164.0	-57.1	99.9	240.8	72.5**	63.3	35.3	362.3	999.9	99.9	999.9	136.2	65.
50.2	120.0	13085.4	160.0	-57.1	99.9	240.3	80.9**	70.3	40.0	364.8	999.9	99.9	999.9	138.8	65.
50.8	121.0	13245.5	156.0	-57.5	99.9	238.6	80.0**	68.3	41.7	366.9	999.9	99.9	999.9	141.8	65.
51.4	122.0	13368.0	153.0	-58.1	99.9	238.1	78.9**	67.0	41.7	367.8	999.9	99.9	999.9	144.4	65.
52.0	123.0	13492.7	150.0	-58.0	99.9	240.7	80.0**	69.8	39.2	370.2	999.9	99.9	999.9	147.2	65.
52.6	124.0	13663.2	146.0	-57.6	99.9	245.1	72.9**	66.1	30.7	373.7	999.9	99.9	999.9	150.4	65.
53.2	125.0	13794.1	143.0	-58.1	99.9	250.6	54.1**	51.1	18.0	375.0	999.9	99.9	999.9	152.8	65.
54.0	126.0	14017.6	138.0	-59.5	99.9	267.2	22.6**	22.6	1.1	376.5	999.9	99.9	999.9	154.9	65.
54.6	127.0	14155.1	135.0	-59.7	99.9	303.8	9.1**	7.6	-5.1	378.5	999.9	99.9	999.9	154.7	65.
55.1	128.0	14295.2	132.0	-54.2	99.9	304.6	6.6**	5.4	-3.7	381.9	999.9	99.9	999.9	154.7	65.
55.7	129.0	14439.7	129.0	-59.7	99.9	248.7	16.2**	15.1	5.9	383.5	999.9	99.9	999.9	154.7	65.
56.2	130.0	14636.2	125.0	-60.7	99.9	239.4	30.0**	25.8	15.3	385.1	999.9	99.9	999.9	155.5	65.
57.0	131.0	14837.9	121.0	-62.1	99.9	239.5	42.5**	36.6	21.6	386.0	999.9	99.9	999.9	157.5	65.
57.6	132.0	14993.0	118.0	-62.1	99.9	242.4	52.5**	46.6	24.4	388.8	999.9	99.9	999.9	159.0	65.
58.2	133.0	15152.2	115.0	-62.1	99.9	242.5	66.5**	59.0	30.8	391.7	999.9	99.9	999.9	161.1	65.
58.8	134.0	15315.6	112.0	-62.1	99.9	241.4	66.1**	58.1	31.6	394.7	999.9	99.9	999.9	164.2	65.
59.4	135.0	15483.4	109.0	-62.1	99.9	240.0	45.7**	39.6	22.8	397.7	999.9	99.9	999.9	166.3	65.
60.3	136.0	15714.4	105.0	-62.1	99.9	238.6	19.0**	16.2	9.9	402.0	999.9	99.9	999.9	167.7	65.
61.1	137.0	15893.4	102.0	-62.5	99.9	242.1	40.4**	35.8	18.9	404.7	999.9	99.9	999.9	167.8	65.
61.8	138.0	16078.0	99.0	-61.8	99.9	246.3	45.8**	42.0	18.4	409.5	999.9	99.9	999.9	171.4	65.
62.7	139.0	16333.4	95.0	-61.6	99.9	263.1	25.7**	25.5	3.1	414.8	999.9	99.9	999.9	172.4	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 327  
NASHVILLE, TENN

5 FEBRUARY 1975  
2315 GMT

160 19. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.4	140.0	16532.2	92.0	-61.8	99.9	254.4	43.1**	41.5	11.6	418.2	999.9	99.9	999.9	173.4	65.
64.2	141.0	16806.2	88.0	-63.6	99.9	244.1	62.7**	56.4	27.4	419.9	999.9	99.9	999.9	176.4	65.
65.2	142.0	17019.1	85.0	-63.6	99.9	246.9	23.7**	21.8	9.3	424.1	999.9	99.9	999.9	180.2	65.
66.1	143.0	17240.6	82.0	-61.6	99.9	346.4	9.7**	2.3	-9.4	432.6	999.9	99.9	999.9	179.6	65.
66.9	144.0	17472.1	79.0	-60.7	99.9	260.7	22.4**	22.1	3.6	439.1	999.9	99.9	999.9	179.4	65.
67.8	145.0	17793.6	75.0	-63.1	99.9	242.4	57.2**	50.7	26.5	440.7	999.9	99.9	999.9	182.0	65.
68.7	146.0	18044.5	72.0	-63.6	99.9	247.8	26.0**	24.0	9.8	444.7	999.9	99.9	999.9	186.3	65.
69.7	147.0	18306.4	69.0	-62.5	99.9	45.9	25.6**	-18.4	-17.8	452.5	999.9	99.9	999.9	183.4	66.
70.8	148.0	18581.4	66.0	-61.4	99.9	251.7	32.8**	31.2	10.3	460.7	999.9	99.9	999.9	185.6	66.
71.8	149.0	18869.5	63.0	-62.0	99.9	45.7	14.0**	-10.1	-9.8	465.7	999.9	99.9	999.9	186.3	66.
72.8	150.0	19170.0	60.0	-63.8	99.9	58.9	28.1**	-24.0	-14.5	468.1	999.9	99.9	999.9	183.8	66.
73.9	151.0	19482.8	57.0	-66.1	99.9	247.1	26.1**	24.0	10.2	469.8	999.9	99.9	999.9	183.0	66.
75.1	152.0	19811.0	54.0	-65.7	99.9	22.5	8.3**	-3.2	-7.7	478.0	999.9	99.9	999.9	187.3	66.
76.3	153.0	20158.5	51.0	-65.5	99.9	255.2	43.9**	42.5	11.2	486.3	999.9	99.9	999.9	184.5	66.
77.7	154.0	20527.5	48.0	-65.1	99.9	258.8	25.2**	24.8	4.9	495.8	999.9	99.9	999.9	189.4	66.
78.9	155.0	20919.6	45.0	-66.3	99.9	261.2	21.6**	21.3	3.3	502.1	999.9	99.9	999.9	191.7	66.
80.2	156.0	21336.8	42.0	-67.1	99.9	341.6	6.1**	1.9	-5.8	510.2	999.9	99.9	999.9	191.8	66.
81.8	157.0	21784.1	39.0	-67.1	99.9	261.7	33.6**	33.3	4.9	521.1	999.9	99.9	999.9	193.2	67.
83.4	158.0	22266.6	36.0	-67.5	99.9	43.2	22.5**	-15.4	-16.4	532.1	999.9	99.9	999.9	194.8	67.
85.1	159.0	22612.9	34.0	-65.1	99.9	264.1	19.8**	19.7	2.0	547.1	999.9	99.9	999.9	194.2	67.
86.7	160.0	23375.5	30.0	-65.1	99.9	256.6	35.7**	34.8	8.3	567.1	999.9	99.9	999.9	197.1	67.
89.0	161.0	23796.7	28.0	-64.4	99.9	286.9	13.2**	12.6	-3.8	580.5	999.9	99.9	999.9	197.9	66.
91.2	162.0	24488.2	25.0	-65.3	99.9	264.1	13.4**	13.3	1.4	596.9	999.9	99.9	999.9	202.5	68.
94.0	163.0	25269.9	22.0	-63.4	99.9	272.0	14.2**	14.2	-0.5	624.8	999.9	99.9	999.9	206.1	68.
97.2	164.0	26176.7	19.0	-60.5	99.9	999.9	22.2	99.9	99.9	660.5	999.9	99.9	999.9	999.9	999.

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
515 GMT

147 53. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	180.0	991.5	6.0	5.0	310.0	5.1	3.9	-3.3	280.5	294.6	5.5	93.0	0.0	0.
0.2	6.0	234.0	985.0	6.3	5.7	292.0	11.1	10.3	-4.2	281.4	296.3	5.8	95.8	0.1	122.
0.6	7.0	334.5	973.0	5.6	5.0	291.2	10.8	10.1	-3.9	281.7	296.1	5.6	95.7	0.2	119.
0.9	8.0	427.5	962.0	4.4	4.0	288.7	10.0	9.4	-3.2	281.3	295.0	5.3	97.1	0.4	116.
1.3	9.0	521.2	951.0	3.9	3.5	281.0	9.9	9.7	-1.9	281.7	295.2	5.2	97.9	0.6	112.
1.7	10.0	615.8	940.0	3.1	2.8	274.0	10.6	10.5	-0.7	281.8	294.6	5.0	98.0	0.9	108.
2.0	11.0	728.6	927.0	2.2	2.0	270.4	11.3	11.3	-0.1	282.0	294.4	4.8	98.2	1.1	105.
2.3	12.0	825.0	916.0	1.6	1.3	266.4	12.3	12.3	0.8	282.3	294.3	4.6	98.1	1.3	102.
2.7	13.0	922.4	905.0	0.9	0.7	262.4	13.3	13.2	1.8	282.6	294.2	4.4	98.2	1.5	99.
3.0	14.0	1020.7	894.0	0.3	0.0	260.0	13.8	13.6	2.4	282.9	294.1	4.3	98.1	1.8	96.
3.4	15.0	1110.9	884.0	-0.5	-0.8	259.3	15.8	15.5	2.9	282.9	293.7	4.1	98.0	2.1	94.
3.7	16.0	1229.4	871.0	-1.0	-1.3	258.3	16.5	16.2	3.4	283.6	294.2	4.0	97.9	2.4	92.
4.0	17.0	1321.5	861.0	-1.9	-2.4	257.0	17.0	16.6	3.8	283.5	293.4	3.7	97.0	2.8	90.
4.3	18.0	1414.4	851.0	-2.6	-2.9	256.6	16.8	16.4	3.9	283.8	293.5	3.6	97.5	3.0	89.
4.7	19.0	1517.6	840.0	-3.0	-3.5	257.9	17.4	17.0	3.6	284.4	293.8	3.5	96.9	3.4	87.
4.9	20.0	1612.6	830.0	-3.0	-7.0	259.5	18.1	17.8	3.3	285.2	292.7	2.7	74.1	3.6	87.
5.2	21.0	1728.0	818.0	-3.0	-8.3	261.6	17.8	17.6	2.6	286.4	293.3	2.5	66.7	4.0	86.
5.5	22.0	1825.6	808.0	-2.3	-7.5	263.7	16.9	16.8	1.9	288.3	295.7	2.7	67.2	4.3	86.
5.8	23.0	1924.5	798.0	-2.7	-7.4	265.0	15.4	15.3	1.3	288.8	296.4	2.7	70.0	4.6	86.
6.1	24.0	2024.1	788.0	-5.2	-9.1	265.8	14.8	14.7	1.1	287.2	293.9	2.4	73.8	4.8	86.
6.5	25.0	2114.2	779.0	-5.9	-11.4	265.3	16.3	16.2	1.3	287.3	293.0	2.0	65.0	5.1	86.
6.8	26.0	2235.2	767.0	-6.2	-12.8	263.2	17.9	17.8	2.1	288.2	293.4	1.9	59.7	5.5	86.
7.1	27.0	2328.2	758.0	-6.4	-17.1	261.3	19.4	19.2	2.9	288.9	292.7	1.3	42.2	5.9	86.
7.4	28.0	2421.4	749.0	-7.0	-19.5	259.4	20.6	20.2	3.8	289.2	292.4	1.1	36.1	6.2	85.
7.8	29.0	2526.2	739.0	-7.4	-22.3	256.8	21.7	21.1	5.0	289.8	292.4	0.9	29.0	6.7	85.
8.1	30.0	2621.5	730.0	-8.0	-25.0	255.0	22.2	21.5	5.7	290.2	292.3	0.7	24.0	7.1	84.
8.4	31.0	2717.9	721.0	-8.2	-25.7	253.7	22.4	21.5	6.3	291.0	293.0	0.7	22.7	7.6	84.
8.7	32.0	2815.4	712.0	-8.3	-28.2	253.1	22.3	21.4	6.5	291.9	293.5	0.5	18.2	7.9	83.
9.1	33.0	2914.0	703.0	-8.9	-35.3	253.3	22.2	21.3	6.4	292.3	293.2	0.3	9.5	8.4	82.
9.4	34.0	3013.7	694.0	-9.0	-38.9	254.3	22.4	21.5	6.0	293.2	293.8	0.2	6.7	8.8	82.
9.8	35.0	3114.6	685.0	-9.6	-44.6	256.3	22.8	22.2	5.4	293.6	294.0	0.1	3.8	9.4	82.
10.1	36.0	3228.0	675.0	-10.2	-56.4	257.6	23.2	22.7	5.0	294.2	294.3	0.0	1.0	9.8	81.
10.4	37.0	3331.2	666.0	-11.1	-56.9	258.2	23.5	23.0	4.8	294.4	294.5	0.0	1.0	10.2	81.
10.8	38.0	3423.8	658.0	-11.9	-57.5	257.4	23.7	23.2	5.2	294.4	294.5	0.0	1.0	10.8	81.
11.0	39.0	3529.1	649.0	-12.5	-57.8	256.8	23.8	23.2	5.4	295.0	295.0	0.0	1.0	11.1	81.
11.5	40.0	3623.7	641.0	-13.2	-58.3	254.7	24.7	23.8	6.5	295.2	295.3	0.0	1.0	11.7	81.
11.8	41.0	3743.2	631.0	-14.0	-58.8	254.0	25.6	24.6	7.3	295.6	295.7	0.0	1.0	12.2	81.
12.1	42.0	3839.9	623.0	-15.0	-59.4	253.6	26.4	25.4	7.4	295.5	295.6	0.0	1.0	12.7	80.
12.5	43.0	3949.7	614.0	-16.0	-60.0	253.7	27.1	26.0	7.6	295.7	295.7	0.0	1.0	13.3	80.
12.8	44.0	4048.4	606.0	-16.6	-60.5	254.4	27.0	26.0	7.3	296.0	296.1	0.0	1.0	13.9	80.
13.1	45.0	4148.1	598.0	-17.5	-61.0	255.1	27.1	26.2	6.9	296.2	296.2	0.0	1.0	14.3	79.
13.5	46.0	4248.7	590.0	-18.6	-61.7	256.1	27.5	26.7	6.6	296.0	296.1	0.0	1.0	14.9	79.
13.8	47.0	4350.4	582.0	-19.5	-61.4	256.4	28.1	27.3	6.6	296.1	296.1	0.0	1.1	15.4	79.
14.1	48.0	4440.1	575.0	-20.6	-58.2	256.6	28.9	28.1	5.7	295.9	295.9	0.0	1.9	16.0	79.
14.6	49.0	4543.6	567.0	-21.4	-58.4	256.7	30.6	29.8	7.1	296.1	296.2	0.0	2.0	16.8	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
515 GMT

147 53. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.0	50.0	4635.0	560.0	-22.2	-61.5	256.4	32.4	31.5	7.6	296.2	296.3	0.0	1.4	17.5	79.
15.4	51.0	4767.2	550.0	-23.2	-64.8	256.0	33.6	32.6	8.1	296.5	296.5	0.0	1.0	18.4	79.
15.8	52.0	4874.3	542.0	-23.8	-65.1	255.9	33.8	32.8	8.2	297.1	297.1	0.0	1.0	19.3	79.
16.1	53.0	4969.2	535.0	-24.2	-65.4	256.0	33.7	32.8	3.1	297.7	297.7	0.0	1.0	19.9	79.
16.4	54.0	5065.2	528.0	-24.7	-65.1	256.5	33.8	32.9	7.9	298.2	298.2	0.0	1.0	20.4	79.
16.8	55.0	5176.0	520.0	-25.6	-65.3	257.0	35.1	34.2	7.9	298.4	298.4	0.0	1.1	21.2	78.
17.1	56.0	5288.4	512.0	-26.0	-65.3	257.0	36.6	35.7	8.2	299.2	299.3	0.0	1.2	21.8	78.
17.3	57.0	5388.0	505.0	-26.2	-62.2	256.8	38.0	37.0	8.7	300.2	300.3	0.0	1.8	22.3	78.
17.7	58.0	5503.4	497.0	-26.7	-60.1	255.9	41.3	40.0	10.1	301.0	301.0	0.0	2.5	23.2	78.
17.9	59.0	5605.6	490.0	-27.5	-60.4	255.3	43.0	41.6	10.9	301.2	301.3	0.0	2.6	23.6	78.
18.1	60.0	5694.2	484.0	-28.0	-59.3	254.5	44.9	43.3	12.0	301.6	301.7	0.0	3.3	24.2	78.
18.3	61.0	5798.6	477.0	-28.7	-58.3	253.6	46.8	44.9	13.2	302.1	302.2	0.0	4.0	24.9	78.
18.7	62.0	5904.3	470.0	-29.6	-58.5	251.7	51.4	48.8	16.1	302.2	302.3	0.0	4.1	26.0	78.
19.0	63.0	6011.3	463.0	-30.0	-52.1	250.3	55.2	52.0	18.6	303.0	303.2	0.1	9.5	26.7	78.
19.4	64.0	6104.3	457.0	-29.3	99.9	248.2	61.0	56.6	22.6	305.0	999.9	99.9	999.9	28.3	77.
19.7	65.0	6214.7	450.0	-28.7	99.9	246.9	64.1	59.0	25.2	307.2	999.9	99.9	999.9	29.4	77.
20.1	66.0	6343.1	442.0	-28.7	99.9	245.5	66.8*	60.8	27.7	308.8	999.9	99.9	999.9	31.0	76.
20.5	67.0	6457.3	435.0	-29.3	-43.1	244.7	66.9*	60.5	28.6	309.3	310.0	0.2	24.7	32.7	76.
20.9	68.0	6556.3	429.0	-30.3	-58.7	244.7	65.4*	59.2	28.0	309.4	309.5	0.0	4.2	34.2	75.
21.5	69.0	6656.4	423.0	-30.7	-60.3	245.0	63.6*	57.7	26.9	310.1	310.2	0.0	3.6	36.4	75.
21.9	70.0	6774.8	416.0	-31.4	-53.1	245.3	63.6*	57.8	26.5	310.6	310.8	0.1	9.6	38.0	74.
22.3	71.0	6894.6	409.0	-32.6	-52.3	245.7	64.0*	58.4	26.4	310.5	310.8	0.1	11.9	39.4	74.
22.7	72.0	7016.0	402.0	-33.7	-50.9	245.9	64.3*	58.7	25.3	310.7	311.0	0.1	15.6	41.0	74.
23.1	73.0	7121.2	395.0	-34.6	-48.6	246.0	64.1*	58.6	25.0	310.8	311.2	0.1	22.3	42.6	73.
23.4	74.0	7227.8	390.0	-35.2	-52.5	246.1	63.7*	58.3	25.8	311.5	311.7	0.1	14.7	43.8	73.
23.7	75.0	7335.7	384.0	-36.0	-53.5	246.2	64.6*	59.1	26.1	311.8	312.0	0.1	14.3	44.8	73.
24.0	76.0	7444.9	378.0	-36.9	-54.5	246.2	66.2*	60.6	26.7	312.0	312.2	0.1	13.9	45.8	73.
24.3	77.0	7555.4	372.0	-38.0	-54.8	246.3	69.4*	63.6	27.9	312.0	312.2	0.1	15.0	47.0	73.
24.7	78.0	7667.1	366.0	-39.3	-54.7	246.4	72.7*	66.6	29.2	311.6	311.8	0.1	17.5	48.9	72.
25.0	79.0	7818.2	358.0	-40.0	99.9	246.3	74.5*	68.2	29.9	312.4	999.9	99.9	999.9	50.3	72.
25.3	80.0	7914.0	353.0	-41.3	99.9	246.1	73.0*	66.7	29.5	312.4	999.9	99.9	999.9	51.6	72.
25.8	81.0	8049.7	346.0	-42.4	99.9	245.8	68.5*	62.5	28.1	312.6	999.9	99.9	999.9	53.9	72.
26.1	82.0	8167.7	340.0	-43.5	99.9	245.7	65.5*	59.7	27.0	312.7	999.9	99.9	999.9	55.1	72.
26.5	83.0	8267.2	335.0	-44.3	99.9	245.6	62.5*	56.9	25.8	312.9	999.9	99.9	999.9	56.4	71.
26.9	84.0	8387.9	329.0	-45.6	99.9	245.5	61.7*	56.1	25.6	312.7	999.9	99.9	999.9	57.7	71.
27.3	85.0	8489.8	324.0	-46.3	99.9	245.2	61.1*	55.5	25.7	313.1	999.9	99.9	999.9	59.5	71.
27.8	86.0	8634.9	317.0	-46.6	99.9	244.6	62.2*	56.2	25.7	314.7	999.9	99.9	999.9	61.1	71.
28.2	87.0	8761.4	311.0	-47.6	99.9	244.0	65.6*	58.9	28.7	315.0	999.9	99.9	999.9	62.4	71.
28.7	88.0	8846.7	307.0	-48.5	99.9	243.4	70.7*	63.2	31.7	314.9	999.9	99.9	999.9	64.7	71.
29.0	89.0	8976.4	301.0	-49.3	99.9	243.1	72.7*	64.9	32.9	315.6	999.9	99.9	999.9	65.9	70.
29.5	90.0	9086.0	296.0	-50.3	99.9	243.1	67.8*	60.5	30.6	315.7	999.9	99.9	999.9	68.4	70.
29.9	91.0	9196.9	291.0	-51.2	99.9	243.1	61.3*	54.7	27.8	315.9	999.9	99.9	999.9	70.0	70.
30.3	92.0	9309.3	286.0	-52.2	99.9	243.3	58.3*	52.1	26.2	316.1	999.9	99.9	999.9	71.0	70.
30.7	93.0	9423.4	281.0	-52.6	99.9	243.8	58.7*	52.7	25.9	317.1	999.9	99.9	999.9	72.2	70.
31.1	94.0	9539.2	276.0	-53.1	99.9	244.4	61.7*	55.7	26.7	318.0	999.9	99.9	999.9	73.9	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
515 GMT

147 53. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
31.5	95.0	9656.9	271.0	-53.9	99.9	244.4	66.0*	59.5	26.6	318.5	999.9	99.9	999.9	75.6	70.
32.0	96.0	9800.7	265.0	-53.9	99.9	243.2	70.7*	63.1	31.8	320.6	999.9	99.9	999.9	76.7	69.
32.3	97.0	9923.0	260.0	-53.9	99.9	242.3	67.5*	59.8	31.4	322.3	999.9	99.9	999.9	78.9	69.
32.6	98.0	10047.6	255.0	-54.4	99.9	241.3	63.0*	55.2	30.3	323.4	999.9	99.9	999.9	80.6	69.
33.0	99.0	10149.0	251.0	-53.9	99.9	239.8	53.3*	46.0	26.8	325.6	999.9	99.9	999.9	81.5	69.
33.5	100.0	10278.2	246.0	-54.0	99.9	240.4	53.7*	46.7	26.5	327.2	999.9	99.9	999.9	82.5	69.
33.9	101.0	10409.7	241.0	-54.8	99.9	242.1	64.5*	57.0	30.2	328.0	999.9	99.9	999.9	83.5	69.
34.3	102.0	10543.6	236.0	-55.5	99.9	243.1	72.7*	64.8	32.9	329.0	999.9	99.9	999.9	85.5	69.
34.8	103.0	10680.1	231.0	-55.5	99.9	243.2	74.5*	66.5	33.6	331.0	999.9	99.9	999.9	88.0	69.
35.2	104.0	10791.6	227.0	-55.2	99.9	242.3	69.5*	61.5	32.3	333.1	999.9	99.9	999.9	89.9	68.
35.6	105.0	10905.4	223.0	-54.0	99.9	240.2	62.1*	53.9	30.9	336.6	999.9	99.9	999.9	92.2	68.
36.0	106.0	11051.0	218.0	-53.7	99.9	237.0	56.0*	47.0	30.5	339.2	999.9	99.9	999.9	92.2	68.
36.4	107.0	11170.3	214.0	-52.9	99.9	234.4	54.2*	44.0	31.6	342.3	999.9	99.9	999.9	94.2	68.
36.8	108.0	11291.7	210.0	-53.9	99.9	233.5	54.6*	43.8	32.5	342.6	999.9	99.9	999.9	95.5	68.
37.2	109.0	11415.1	206.0	-54.2	99.9	234.8	57.0*	46.6	32.8	344.0	999.9	99.9	999.9	96.4	68.
37.8	110.0	11572.7	201.0	-54.2	99.9	239.2	63.8**	54.8	32.7	346.5	999.9	99.9	999.9	98.8	67.
38.2	111.0	11734.4	196.0	-53.9	99.9	241.7	69.1**	60.9	32.7	349.5	999.9	99.9	999.9	100.3	67.
38.7	112.0	11866.7	192.0	-54.2	99.9	243.9	74.6**	67.0	32.8	351.0	999.9	99.9	999.9	102.2	67.
39.1	113.0	12001.8	188.0	-54.0	99.9	245.2	75.8**	68.8	31.8	353.4	999.9	99.9	999.9	104.4	67.
39.6	114.0	12139.8	184.0	-54.2	99.9	246.6	69.6**	63.9	27.6	355.3	999.9	99.9	999.9	106.9	67.
40.0	115.0	12280.8	180.0	-53.9	99.9	247.9	59.9**	55.5	22.5	358.1	999.9	99.9	999.9	108.0	67.
40.7	116.0	12462.2	175.0	-52.8	99.9	249.6	47.9**	44.9	16.7	362.8	999.9	99.9	999.9	110.5	67.
41.1	117.0	12573.8	172.0	-52.8	99.9	249.4	47.7**	44.6	16.8	364.6	999.9	99.9	999.9	110.7	67.
41.7	118.0	12725.7	168.0	-52.9	99.9	247.9	50.6**	46.8	19.1	366.8	999.9	99.9	999.9	113.4	67.
42.1	119.0	12881.0	164.0	-53.1	99.9	246.9	52.3**	48.1	20.5	369.1	999.9	99.9	999.9	114.5	67.
42.7	120.0	13040.2	160.0	-53.1	99.9	245.2	62.0**	56.3	26.0	371.7	999.9	99.9	999.9	115.9	67.
43.2	121.0	13162.1	157.0	-53.4	99.9	243.3	65.8**	58.8	29.5	373.2	999.9	99.9	999.9	118.5	67.
43.7	122.0	13328.1	153.0	-53.9	99.9	241.1	58.1**	50.9	28.1	375.1	999.9	99.9	999.9	121.2	67.
44.2	123.0	13497.7	149.0	-55.2	99.9	239.9	53.0**	45.9	26.6	375.8	999.9	99.9	999.9	121.4	67.
44.7	124.0	13627.1	146.0	-56.8	99.9	240.5	55.7**	48.5	27.4	375.1	999.9	99.9	999.9	123.4	67.
45.3	125.0	13802.6	142.0	-58.0	99.9	239.4	52.4**	45.2	26.7	376.0	999.9	99.9	999.9	125.9	67.
46.0	126.0	13982.3	138.0	-58.9	99.9	237.8	48.3**	40.9	23.8	377.6	999.9	99.9	999.9	127.4	67.
46.6	127.0	14120.3	135.0	-58.9	99.9	240.2	49.5**	42.9	24.6	380.0	999.9	99.9	999.9	129.1	66.
47.1	128.0	14309.2	131.0	-58.5	99.9	241.2	40.8**	35.7	19.6	383.9	999.9	99.9	999.9	131.7	66.
47.6	129.0	14454.8	128.0	-58.7	99.9	242.3	32.8**	29.1	15.2	386.1	999.9	99.9	999.9	131.4	66.
48.1	130.0	14604.0	125.0	-58.2	99.9	244.8	35.8**	32.4	15.2	389.7	999.9	99.9	999.9	132.6	66.
48.8	131.0	14808.6	121.0	-58.5	99.9	246.3	43.3**	39.6	17.4	392.7	999.9	99.9	999.9	134.5	66.
49.4	132.0	15020.5	117.0	-57.5	99.9	246.2	46.0**	42.1	16.6	398.4	999.9	99.9	999.9	136.1	66.
49.9	133.0	15184.2	114.0	-58.5	99.9	245.0	51.0**	46.2	21.6	399.4	999.9	99.9	999.9	137.5	66.
50.5	134.0	15351.5	111.0	-59.2	99.9	241.9	52.6**	46.4	24.8	401.2	999.9	99.9	999.9	138.9	66.
51.0	135.0	15522.9	108.0	-60.1	99.9	235.3	36.2**	29.7	20.6	402.7	999.9	99.9	999.9	142.4	66.
51.8	136.0	15757.4	104.0	-61.9	99.9	224.5	25.1**	17.6	17.9	403.6	999.9	99.9	999.9	141.2	66.
52.4	137.0	15999.5	100.0	-63.0	99.9	233.1	31.6**	25.2	19.0	406.0	999.9	99.9	999.9	143.7	66.
53.2	138.0	16187.0	97.0	-62.8	99.9	246.1	45.8**	41.8	18.6	409.9	999.9	99.9	999.9	143.9	66.
53.8	139.0	16446.8	93.0	-62.3	99.9	249.7	52.3**	49.0	18.2	416.0	999.9	99.9	999.9	146.9	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
515 GMT

147 53. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
54.7	140.0	16648.8	90.0	-63.4	99.9	254.1	31.8**	30.5	8.7	417.6	999.9	99.9	999.9	148.9	66.
55.4	141.0	16927.5	86.0	-64.4	99.9	254.6	37.3**	36.0	9.9	421.2	999.9	99.9	999.9	149.6	66.
56.3	142.0	17144.6	83.0	-64.4	99.9	275.4	14.3**	14.3	-1.4	425.5	999.9	99.9	999.9	152.4	66.
57.3	143.0	17447.4	79.0	-63.4	99.9	251.5	32.6**	30.9	10.3	433.5	999.9	99.9	999.9	151.7	66.
58.3	144.0	17685.8	76.0	-62.5	99.9	248.6	33.2**	30.9	12.1	440.3	999.9	99.9	999.9	155.9	66.
59.4	145.0	18020.8	72.0	-60.8	99.9	231.8	14.9**	11.7	9.2	450.7	999.9	99.9	999.9	156.2	66.
60.4	146.0	18284.2	69.0	-61.9	99.9	223.3	5.5**	3.8	4.0	453.8	999.9	99.9	999.9	156.6	66.
61.4	147.0	18559.2	66.0	-62.8	99.9	246.2	25.9**	23.7	10.5	457.6	999.9	99.9	999.9	156.7	66.
62.4	148.0	18943.5	62.0	-63.8	99.9	247.0	17.9**	16.4	7.0	463.8	999.9	99.9	999.9	159.5	66.
63.6	149.0	19248.1	59.0	-63.2	99.9	248.3	33.7**	31.3	12.4	471.7	999.9	99.9	999.9	159.3	66.
64.8	150.0	19680.0	55.0	-63.0	99.9	999.9	99.9	99.9	99.9	481.7	999.9	99.9	999.9	999.9	999.
66.0	151.0	19907.0	53.0	-65.0	99.9	999.9	99.9	99.9	99.9	482.3	999.9	99.9	999.9	999.9	999.

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
1115 GMT

151 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	180.0	992.0	2.8	1.0	300.0	4.1	3.6	-2.0	277.1	287.7	4.2	88.0	0.0	0.
0.5	6.0	311.4	976.0	1.2	1.2	264.6	10.2	10.1	1.0	276.8	287.8	4.3	100.1	0.2	195.
0.9	7.0	410.8	964.0	0.1	0.1	268.2	8.5	8.5	0.3	276.6	286.8	4.0	99.9	0.3	135.
1.2	8.0	502.8	953.0	-0.4	-0.4	271.7	7.5	7.5	-0.2	277.0	287.0	3.9	99.8	0.4	121.
1.6	9.0	604.2	941.0	-0.7	-0.8	275.6	7.0	7.0	-0.7	277.7	287.6	3.8	99.8	0.5	114.
1.9	10.0	706.8	929.0	-1.2	-1.0	274.0	7.7	7.7	-0.5	278.2	287.9	3.8	99.7	0.6	110.
2.2	11.0	810.4	917.0	-2.2	-2.2	269.1	7.7	7.7	0.1	278.2	287.4	3.5	99.6	0.8	107.
2.5	12.0	915.0	905.0	-3.0	-3.0	262.0	7.4	7.4	1.0	278.4	287.3	3.4	99.5	0.9	105.
2.9	13.0	1011.9	894.0	-3.3	-3.3	256.2	8.0	7.7	1.9	279.1	287.8	3.3	99.4	1.1	100.
3.2	14.0	1109.9	883.0	-3.9	-4.0	258.4	8.3	8.1	1.7	279.4	287.9	3.2	99.3	1.2	97.
3.5	15.0	1217.9	871.0	-4.7	-4.8	263.5	8.6	9.6	1.0	279.7	287.8	3.1	99.2	1.4	95.
3.9	16.0	1327.2	859.0	-4.5	-4.6	275.8	8.3	8.3	-0.8	281.0	289.3	3.2	99.2	1.6	94.
4.2	17.0	1419.4	849.0	-5.0	-5.1	281.9	9.4	9.2	-1.9	281.4	289.6	3.1	99.1	1.7	95.
4.5	18.0	1522.0	838.0	-5.4	-5.6	285.2	11.0	10.6	-2.9	282.0	290.0	3.0	98.8	1.9	95.
4.9	19.0	1616.3	828.0	-5.6	-6.2	277.9	12.6	12.5	-1.7	282.8	290.5	2.9	95.0	2.2	97.
5.1	20.0	1731.0	816.0	-5.0	-9.6	275.0	13.1	13.1	-1.1	284.5	290.7	2.3	69.8	2.3	97.
5.6	21.0	1837.9	805.0	-4.4	-11.8	268.9	13.8	13.8	0.3	286.2	291.6	1.9	55.9	2.7	96.
5.8	22.0	1936.2	795.0	-5.4	-12.8	267.8	14.4	14.4	0.5	286.1	291.1	1.8	55.8	2.9	95.
6.1	23.0	2035.4	785.0	-6.3	-13.9	266.5	15.5	15.5	1.0	286.1	290.8	1.7	54.9	3.2	95.
6.4	24.0	2145.9	774.0	-6.0	-14.4	265.5	16.8	16.8	1.3	287.6	292.2	1.6	51.6	3.5	94.
6.8	25.0	2258.1	763.0	-5.4	-15.0	264.7	17.4	17.3	1.6	289.4	293.9	1.6	46.8	3.9	93.
7.1	26.0	2371.9	752.0	-6.0	-17.7	264.5	17.6	17.5	1.7	290.0	293.6	1.3	39.0	4.2	92.
7.5	27.0	2476.7	742.0	-6.5	-16.9	264.8	18.1	18.0	1.6	290.6	294.6	1.4	43.4	4.6	91.
7.8	28.0	2582.6	732.0	-7.1	-17.4	264.8	18.7	18.6	1.7	291.1	294.9	1.3	43.3	4.9	91.
8.2	29.0	2689.8	722.0	-7.8	-19.5	264.4	19.7	19.6	1.9	291.4	294.7	1.1	38.5	5.4	91.
8.5	30.0	2787.2	713.0	-8.6	-21.9	263.8	20.6	20.5	2.2	291.6	294.3	0.9	32.8	5.7	90.
8.9	31.0	2896.6	703.0	-9.0	-24.7	262.9	21.9	21.7	2.7	292.2	294.5	0.7	26.6	6.2	90.
9.2	32.0	2996.2	694.0	-9.7	-24.7	262.2	22.6	22.4	3.1	292.5	294.8	0.8	29.2	6.6	89.
9.4	33.0	3108.2	684.0	-9.9	-27.2	261.8	23.0	22.8	3.3	293.5	295.4	0.6	22.6	6.9	89.
9.8	34.0	3210.2	675.0	-10.7	-28.3	260.6	23.4	23.1	3.8	293.7	295.4	0.5	21.8	7.5	88.
10.1	35.0	3336.4	664.0	-11.2	-32.0	259.6	23.5	23.1	4.2	294.6	295.8	0.4	15.9	7.9	88.
10.5	36.0	3452.7	654.0	-12.0	-34.4	258.6	23.5	23.0	4.6	294.9	295.9	0.3	13.5	8.4	87.
10.9	37.0	3558.6	645.0	-12.7	-35.7	259.0	23.3	22.9	4.5	295.2	296.1	0.3	12.5	9.1	87.
11.2	38.0	3653.6	637.0	-13.9	-37.8	259.5	23.1	22.7	4.2	295.0	295.7	0.2	11.1	9.5	86.
11.6	39.0	3773.6	627.0	-14.6	-42.0	260.2	22.9	22.6	3.9	295.5	296.0	0.1	6.8	10.0	86.
11.9	40.0	3895.2	617.0	-15.5	-51.2	260.4	23.0	22.7	3.8	295.7	295.9	0.1	2.9	10.4	86.
12.3	41.0	4006.0	608.0	-15.8	-60.0	259.9	23.5	23.1	4.1	296.7	296.7	0.0	1.0	11.0	86.
12.7	42.0	4118.2	599.0	-16.5	-59.0	259.1	24.5	24.0	4.6	297.1	297.2	0.0	1.2	11.5	85.
13.1	43.0	4231.8	590.0	-17.6	-55.9	258.2	25.7	25.1	5.2	297.2	297.3	0.0	1.9	12.0	85.
13.4	44.0	4346.7	581.0	-18.3	-54.0	257.9	26.3	25.7	5.5	297.7	297.8	0.0	2.6	12.7	85.
13.7	45.0	4450.0	573.0	-19.2	-54.2	258.2	26.6	26.0	5.4	297.7	297.9	0.0	2.7	13.1	84.
14.1	46.0	4554.4	565.0	-20.3	-54.7	259.3	26.8	26.3	5.0	297.7	297.8	0.0	2.9	13.6	84.
14.4	47.0	4659.9	557.0	-21.0	-45.7	260.5	27.0	26.6	4.4	298.1	298.5	0.1	8.7	14.1	84.
14.8	48.0	4766.6	549.0	-21.9	-45.8	261.9	26.9	26.6	3.8	298.2	298.6	0.1	9.3	14.8	84.
15.1	49.0	4888.0	540.0	-22.8	-46.4	262.7	26.5	26.3	3.4	298.5	298.9	0.1	9.4	15.4	84.

\* BY SPEED MEANS FLEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BLEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
1115 GMT

151 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SFFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.4	50.0	5011.1	531.0	-23.5	-49.9	263.3	25.7	25.5	3.0	299.2	299.4	0.1	6.7	15.8	84.
15.9	51.0	5121.8	523.0	-24.7	-52.2	263.9	25.0	24.9	2.6	299.0	299.2	0.1	5.7	16.5	84.
16.3	52.0	5233.8	515.0	-25.6	-48.6	264.1	26.1	26.0	2.7	299.3	299.6	0.1	9.2	17.1	84.
16.7	53.0	5347.1	507.0	-26.6	-46.0	264.0	28.3	28.1	3.0	299.3	299.7	0.1	14.0	17.7	84.
17.0	54.0	5461.7	499.0	-27.6	-45.0	263.8	30.3	30.1	3.3	299.6	300.0	0.1	16.9	18.2	84.
17.3	55.0	5592.4	490.0	-28.5	-42.7	263.7	31.7	31.5	3.5	300.0	300.6	0.2	23.8	18.8	84.
17.8	56.0	5710.2	482.0	-29.1	-42.7	263.7	33.2	33.0	3.6	300.6	301.2	0.2	25.3	19.9	84.
18.1	57.0	5829.6	474.0	-30.2	-43.1	263.8	33.8	33.6	3.6	300.8	301.4	0.2	26.8	20.4	84.
18.4	58.0	5935.3	467.0	-31.2	-43.9	263.8	34.6	34.4	3.7	300.8	301.3	0.2	27.2	21.1	84.
18.8	59.0	6042.1	460.0	-32.4	-41.5	262.7	36.3	36.0	4.6	300.6	301.3	0.2	38.0	21.8	84.
19.2	60.0	6165.6	452.0	-33.3	-39.1	260.3	38.3	37.8	6.5	301.0	301.9	0.3	55.7	22.8	84.
19.5	61.0	6275.0	445.0	-34.1	-38.4	258.0	39.9	39.1	8.3	301.3	302.3	0.3	64.4	23.5	84.
19.8	62.0	6386.0	438.0	-34.6	-38.2	255.5	41.5	40.2	10.4	302.0	303.1	0.3	69.7	24.2	84.
20.1	63.0	6514.6	430.0	-35.2	-38.6	253.3	43.2	41.4	12.4	302.9	304.0	0.3	70.1	24.9	83.
20.5	64.0	6629.0	423.0	-35.5	-39.3	251.1	45.5	43.0	14.7	303.9	304.9	0.3	68.1	26.0	83.
20.9	65.0	6744.9	416.0	-36.3	-39.9	249.8	48.5	45.5	16.7	304.3	305.2	0.3	69.4	27.1	82.
21.3	66.0	6879.6	408.0	-36.6	-40.0	248.7	52.3	48.7	19.0	305.7	306.6	0.3	70.3	28.2	82.
21.7	67.0	6982.1	402.0	-37.4	-41.0	247.7	55.7	51.6	21.1	305.9	306.7	0.2	64.4	29.5	81.
22.0	68.0	7103.2	395.0	-38.1	-42.7	247.2	57.9	53.3	22.5	306.6	307.4	0.2	64.7	30.6	81.
22.3	69.0	7226.1	388.0	-39.0	-42.0	247.1	58.7	54.1	22.8	306.9	307.8	0.2	73.0	31.7	80.
22.7	70.0	7350.9	381.0	-39.4	-42.6	247.4	60.3	55.7	23.2	308.0	308.8	0.2	71.3	32.9	80.
23.1	71.0	7477.7	374.0	-39.9	-43.4	248.0	62.6	58.0	23.4	308.9	309.7	0.2	69.1	34.2	79.
23.4	72.0	7606.7	367.0	-40.5	99.9	248.5	64.8	60.3	23.7	310.0	999.9	99.9	999.9	35.6	79.
23.8	73.0	7737.8	360.0	-40.9	99.9	249.0	67.8	63.3	24.4	311.1	999.9	99.9	999.9	37.1	78.
24.2	74.0	7832.9	355.0	-41.4	99.9	249.2	70.8	66.2	25.1	311.6	999.9	99.9	999.9	38.6	78.
24.6	75.0	7948.4	349.0	-42.1	99.9	249.4	73.3*	68.6	25.7	312.2	999.9	99.9	999.9	40.4	78.
25.0	76.0	8065.6	343.0	-42.9	99.9	249.8	74.7*	70.2	25.8	312.7	999.9	99.9	999.9	42.5	77.
25.4	77.0	8184.3	337.0	-43.9	99.9	250.4	77.3*	72.8	26.0	313.0	999.9	99.9	999.9	43.8	77.
25.8	78.0	8304.7	331.0	-44.8	99.9	250.6	81.6*	77.0	27.1	313.2	999.9	99.9	999.9	45.8	77.
26.2	79.0	8426.7	325.0	-46.1	99.9	250.4	85.2*	80.2	28.6	313.1	999.9	99.9	999.9	47.9	76.
26.5	80.0	8571.2	318.0	-47.1	99.9	249.9	86.9*	81.6	29.9	313.7	999.9	99.9	999.9	49.5	76.
27.0	81.0	8697.0	312.0	-48.2	99.9	248.3	82.7*	76.8	30.6	313.8	999.9	99.9	999.9	52.3	76.
27.4	82.0	8824.6	306.0	-49.4	99.9	247.8	77.6*	71.8	29.3	314.0	999.9	99.9	999.9	54.0	76.
27.8	83.0	8954.1	300.0	-50.3	99.9	248.9	76.0*	70.9	27.3	314.5	999.9	99.9	999.9	55.8	75.
28.2	84.0	9085.8	294.0	-51.2	99.9	249.8	78.1*	73.3	27.0	315.1	999.9	99.9	999.9	57.4	75.
28.6	85.0	9219.6	288.0	-51.9	99.9	248.8	82.5*	77.0	29.8	315.9	999.9	99.9	999.9	59.1	75.
29.1	86.0	9355.7	282.0	-53.0	99.9	243.9	86.6*	77.8	36.1	316.2	999.9	99.9	999.9	62.3	75.
29.6	87.0	9470.9	277.0	-53.9	99.9	240.2	85.7*	74.3	42.6	316.5	999.9	99.9	999.9	64.3	74.
29.9	88.0	9587.5	272.0	-55.1	99.9	240.2	82.4*	71.4	41.0	316.4	999.9	99.9	999.9	66.3	74.
30.4	89.0	9729.7	266.0	-55.9	99.9	242.0	78.7*	69.5	36.9	317.2	999.9	99.9	999.9	68.6	73.
30.7	90.0	9850.2	261.0	-56.7	99.9	243.4	79.0*	70.7	35.4	317.8	999.9	99.9	999.9	69.4	73.
31.1	91.0	9972.6	256.0	-57.6	99.9	245.1	79.8*	72.4	33.6	318.3	999.9	99.9	999.9	71.1	73.
31.5	92.0	10097.0	251.0	-58.1	99.9	247.0	77.0*	70.9	30.1	319.4	999.9	99.9	999.9	74.9	72.
31.9	93.0	10223.8	246.0	-57.9	99.9	249.0	69.7*	65.1	25.0	321.5	999.9	99.9	999.9	75.0	73.
32.3	94.0	10353.4	241.0	-57.4	99.9	250.3	66.2*	62.3	22.3	324.1	999.9	99.9	999.9	76.9	73.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
1115 GMT

151 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P1 DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.8	95.0	10486.4	236.0	-55.8	99.9	251.1	65.5*	62.0	21.2	328.5	999.9	99.9	999.9	78.7	72.
33.3	96.0	10623.2	231.0	-54.5	99.9	251.8	64.1*	60.8	20.0	332.5	999.9	99.9	999.9	81.0	72.
33.8	97.0	10763.7	226.0	-53.3	99.9	251.8	59.5*	56.5	18.6	336.4	999.9	99.9	999.9	82.8	72.
34.3	98.0	10878.8	222.0	-52.8	99.9	249.9	56.9*	53.4	19.5	338.9	999.9	99.9	999.9	84.4	72.
34.8	99.0	11026.0	217.0	-52.4	99.9	247.7	58.8*	54.4	22.3	341.8	999.9	99.9	999.9	85.9	72.
35.3	100.0	11176.9	212.0	-51.9	99.9	246.4	57.6*	52.8	23.1	344.8	999.9	99.9	999.9	87.8	72.
35.7	101.0	11332.0	207.0	-50.7	99.9	245.0	52.0*	47.1	22.0	349.0	999.9	99.9	999.9	89.8	72.
36.2	102.0	11459.0	203.0	-51.3	99.9	242.6	47.6*	42.3	21.9	350.0	999.9	99.9	999.9	90.7	72.
36.7	103.0	11620.8	198.0	-51.9	99.9	242.2	55.2*	48.9	25.7	351.6	999.9	99.9	999.9	91.4	72.
37.1	104.0	11753.1	194.0	-51.9	99.9	243.3	65.0*	58.0	29.2	353.7	999.9	99.9	999.9	93.9	72.
37.5	105.0	11887.7	190.0	-53.1	99.9	244.3	71.0*	64.0	30.8	353.8	999.9	99.9	999.9	94.9	72.
38.0	106.0	12024.5	186.0	-54.2	99.9	245.0	69.3*	62.8	29.3	354.2	999.9	99.9	999.9	97.2	71.
38.4	107.0	12163.6	182.0	-55.1	99.9	245.2	64.0*	58.1	26.8	354.9	999.9	99.9	999.9	99.3	71.
39.0	108.0	12305.3	178.0	-55.8	99.9	245.7	61.2*	55.8	25.2	356.1	999.9	99.9	999.9	100.8	71.
39.3	109.0	12450.2	174.0	-55.5	99.9	246.3	63.2*	57.8	25.4	359.0	999.9	99.9	999.9	101.7	71.
39.9	110.0	12598.5	170.0	-55.3	99.9	247.0	59.7*	54.9	23.3	361.6	999.9	99.9	999.9	105.4	71.
40.5	111.0	12750.4	166.0	-55.5	99.9	246.8	50.0*	46.0	19.7	363.8	999.9	99.9	999.9	105.7	71.
41.0	112.0	12905.7	162.0	-56.1	99.9	245.9	59.2**	54.0	24.2	365.3	999.9	99.9	999.9	108.4	71.
41.4	113.0	13064.7	158.0	-55.9	99.9	245.7	76.2**	69.5	31.3	368.2	999.9	99.9	999.9	108.3	71.
42.0	114.0	13186.5	155.0	-56.4	99.9	246.6	84.5**	77.5	33.6	369.4	999.9	99.9	999.9	113.8	71.
42.3	115.0	13352.4	151.0	-56.7	99.9	247.7	71.9**	66.6	27.3	371.6	999.9	99.9	999.9	114.8	71.
43.0	116.0	13522.5	147.0	-56.9	99.9	251.3	45.0**	42.6	14.4	374.2	999.9	99.9	999.9	116.5	71.
43.5	117.0	13653.0	144.0	-57.2	99.9	250.6	44.7**	42.2	14.9	375.9	999.9	99.9	999.9	117.6	71.
44.1	118.0	13831.6	140.0	-56.1	99.9	249.3	46.0**	43.0	16.3	380.9	999.9	99.9	999.9	119.3	71.
44.6	119.0	13969.4	137.0	-55.9	99.9	249.4	37.7**	35.3	13.2	383.5	999.9	99.9	999.9	121.5	71.
45.2	120.0	14157.9	133.0	-56.1	99.9	249.2	31.8**	29.8	11.3	386.5	999.9	99.9	999.9	121.6	71.
45.7	121.0	14302.9	130.0	-56.1	99.9	247.4	38.9**	35.9	15.0	389.0	999.9	99.9	999.9	122.8	71.
46.2	122.0	14451.2	127.0	-56.6	99.9	246.0	51.3**	46.8	20.9	390.8	999.9	99.9	999.9	123.9	71.
46.8	123.0	14602.6	124.0	-57.4	99.9	245.0	58.7**	53.2	24.8	392.0	999.9	99.9	999.9	126.4	70.
47.2	124.0	14757.2	121.0	-57.7	99.9	243.6	54.7**	49.0	24.4	394.1	999.9	99.9	999.9	128.1	70.
47.8	125.0	14915.5	118.0	-58.2	99.9	240.4	43.6**	37.9	21.5	396.1	999.9	99.9	999.9	129.5	70.
48.4	126.0	15077.5	115.0	-58.6	99.9	241.2	40.1**	35.1	19.3	398.4	999.9	99.9	999.9	130.8	70.
49.0	127.0	15243.5	112.0	-58.9	99.9	244.5	42.2**	38.1	18.1	400.8	999.9	99.9	999.9	132.2	70.
49.4	128.0	15413.7	109.0	-59.4	99.9	245.3	37.6**	34.1	15.7	402.9	999.9	99.9	999.9	133.4	70.
49.9	129.0	15588.4	106.0	-59.6	99.9	244.5	26.3**	23.8	11.3	405.8	999.9	99.9	999.9	134.9	70.
50.4	130.0	15767.9	103.0	-59.7	99.9	241.1	20.9**	18.3	10.1	408.9	999.9	99.9	999.9	134.7	70.
51.0	131.0	15890.4	101.0	-60.1	99.9	238.5	27.8**	23.7	14.5	410.5	999.9	99.9	999.9	135.4	70.
51.5	132.0	16078.6	98.0	-60.1	99.9	240.2	31.6**	27.4	15.7	414.1	999.9	99.9	999.9	136.9	70.
52.0	133.0	16206.9	96.0	-61.1	99.9	247.6	31.2**	28.8	11.9	414.5	999.9	99.9	999.9	137.9	70.
52.5	134.0	16403.5	93.0	-62.5	99.9	253.6	36.0**	34.5	10.2	415.4	999.9	99.9	999.9	137.5	70.
53.1	135.0	16605.6	90.0	-62.9	99.9	251.5	43.3**	41.1	13.7	418.6	999.9	99.9	999.9	140.6	70.
53.8	136.0	16814.6	87.0	-62.4	99.9	247.4	49.3**	45.5	18.9	423.8	999.9	99.9	999.9	141.9	70.
54.3	137.0	16957.8	85.0	-63.5	99.9	245.6	46.3**	42.2	19.1	424.4	999.9	99.9	999.9	143.8	70.
55.1	138.0	17178.0	82.0	-64.6	99.9	246.0	30.5**	27.9	12.4	426.5	999.9	99.9	999.9	145.5	70.
55.8	139.0	17406.6	79.0	-62.9	99.9	256.1	28.2**	27.4	6.8	434.5	999.9	99.9	999.9	146.0	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
1115 GMT

151 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
56.4	140.0	17565.0	77.0	-61.6	99.9	261.3	33.0**	32.6	5.0	440.3	999.9	99.9	999.9	148.1	70.
57.2	141.0	17811.4	74.0	-61.3	99.9	262.8	22.9**	22.7	2.9	446.1	999.9	99.9	999.9	149.1	70.
57.9	142.0	17981.3	72.0	-61.5	99.9	262.1	23.0**	22.8	3.2	449.3	999.9	99.9	999.9	148.5	70.
58.7	143.0	18245.1	69.0	-61.6	99.9	257.8	40.9**	40.0	8.6	454.4	999.9	99.9	999.9	151.6	70.
59.4	144.0	18426.9	67.0	-62.7	99.9	258.0	34.3*	33.6	7.1	455.9	999.9	99.9	999.9	153.1	70.
60.2	145.0	18709.6	64.0	-62.2	99.9	251.2	20.0*	18.9	6.4	463.1	999.9	99.9	999.9	154.2	70.
61.0	146.0	18906.3	62.0	-60.9	99.9	242.9	8.9*	7.9	4.0	470.1	999.9	99.9	999.9	156.7	70.
61.8	147.0	19110.0	60.0	-61.3	99.9	250.4	16.2*	15.2	5.4	473.7	999.9	99.9	999.9	155.3	70.
62.7	148.0	19320.6	58.0	-60.8	99.9	254.2	27.5*	26.5	7.5	479.5	999.9	99.9	999.9	156.5	70.
63.4	149.0	19539.0	56.0	-60.6	99.9	254.9	23.3*	22.5	6.1	484.7	999.9	99.9	999.9	157.6	70.
64.2	150.0	19764.9	54.0	-61.6	99.9	248.3	22.9*	21.3	8.5	487.4	999.9	99.9	999.9	159.0	70.
65.0	151.0	20117.6	51.0	-63.3	99.9	245.5	32.0*	29.1	13.3	491.6	999.9	99.9	999.9	159.4	70.
65.8	152.0	20362.9	49.0	-64.4	99.9	247.5	43.2*	39.9	16.5	494.6	999.9	99.9	999.9	162.5	70.
66.7	153.0	20748.9	46.0	-64.8	99.9	258.0	21.1	20.6	4.4	502.7	999.9	99.9	999.9	163.8	70.
67.7	154.0	21019.9	44.0	-65.3	99.9	999.9	99.9	99.9	99.9	507.8	999.9	99.9	999.9	999.9	999.
68.7	155.0	21303.1	42.0	-65.3	99.9	999.9	99.9	99.9	99.9	514.6	999.9	99.9	999.9	999.9	999.

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
1421 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	180.0	993.0	1.2	-0.2	320.0	5.1	3.3	-3.9	275.4	285.0	3.8	90.0	0.0	0.
0.3	6.0	245.1	985.0	0.5	-2.2	322.7	6.3	3.8	-5.0	275.2	283.7	3.3	81.3	0.2	141.
0.6	7.0	343.4	973.0	-0.0	-0.5	321.5	6.2	3.9	-4.9	275.8	285.5	3.8	96.4	0.2	141.
1.0	8.0	442.8	961.0	-0.8	-1.3	316.5	6.0	4.2	-4.4	275.9	285.2	3.6	96.6	0.4	142.
1.4	9.0	534.7	950.0	-1.6	-1.9	306.8	6.6	5.3	-3.9	276.0	285.0	3.5	98.1	0.5	138.
1.7	10.0	627.4	939.0	-2.3	-2.5	301.1	6.7	5.7	-3.4	276.2	285.0	3.4	98.4	0.6	135.
2.1	11.0	746.9	925.0	-1.9	-2.1	294.2	6.4	5.8	-2.6	277.8	286.9	3.5	98.6	0.8	132.
2.4	12.0	850.7	913.0	-2.6	-2.8	288.8	5.7	5.4	-1.8	278.1	287.0	3.4	98.6	0.9	129.
2.8	13.0	946.9	902.0	-3.0	-3.1	283.9	5.2	5.0	-1.2	278.6	287.4	3.4	99.4	1.0	126.
3.1	14.0	1044.1	891.0	-3.4	-3.4	282.2	4.9	4.8	-1.0	279.3	288.0	3.4	100.1	1.1	124.
3.5	15.0	1142.4	880.0	-4.1	-4.2	283.6	4.5	4.4	-1.1	279.4	287.8	3.2	99.7	1.2	122.
3.9	16.0	1268.7	866.0	-5.2	-5.3	280.5	5.2	5.2	-1.0	279.6	287.4	3.0	99.6	1.3	121.
4.2	17.0	1359.9	856.0	-5.8	-5.9	277.6	6.2	6.1	-0.8	279.8	287.5	2.9	99.7	1.4	119.
4.7	18.0	1461.4	845.0	-5.5	-5.6	274.3	7.7	7.7	-0.6	281.2	289.2	3.0	99.8	1.6	116.
5.0	19.0	1564.3	834.0	-5.5	-5.6	273.1	8.4	8.4	-0.5	282.3	290.4	3.0	99.8	1.7	114.
5.4	20.0	1659.1	824.0	-5.5	-5.7	270.5	9.8	9.8	-0.1	283.2	291.4	3.0	98.6	1.9	112.
5.8	21.0	1783.9	811.0	-5.7	-6.0	265.5	11.0	10.9	0.9	284.4	292.5	3.0	97.5	2.2	109.
6.1	22.0	1891.0	800.0	-6.1	-7.6	260.5	11.8	11.6	1.9	285.0	292.3	2.7	89.5	2.3	107.
6.5	23.0	1989.5	790.0	-6.6	-8.1	252.3	12.8	12.2	3.9	285.5	292.7	2.6	89.0	2.6	104.
6.8	24.0	2088.9	780.0	-7.3	-12.6	250.3	13.4	12.6	4.5	285.6	291.1	1.9	69.0	2.8	101.
7.2	25.0	2189.4	770.0	-7.9	-13.9	249.8	13.9	13.0	4.8	286.0	290.8	1.7	62.1	3.1	98.
7.6	26.0	2321.7	757.0	-8.4	-15.0	250.8	14.2	13.4	4.7	286.9	291.4	1.6	58.7	3.4	95.
7.9	27.0	2414.5	748.0	-8.8	-15.4	250.3	14.6	13.7	4.9	287.4	291.8	1.5	58.6	3.6	94.
8.3	28.0	2518.6	738.0	-9.4	-16.4	248.9	15.4	14.3	5.5	287.9	292.0	1.4	56.4	3.9	92.
8.7	29.0	2624.0	728.0	-9.8	-17.5	247.2	16.2	15.0	6.3	288.5	292.3	1.3	53.4	4.3	90.
9.0	30.0	2730.7	718.0	-10.3	-18.4	245.8	16.9	15.4	6.9	289.1	292.8	1.2	51.3	4.6	88.
9.3	31.0	2838.7	708.0	-10.9	-19.3	244.6	17.4	15.7	7.5	289.7	293.1	1.2	49.6	4.9	87.
9.7	32.0	2948.0	698.0	-11.3	-19.6	243.7	18.0	16.1	8.0	290.4	293.8	1.2	50.1	5.3	85.
10.0	33.0	3047.4	689.0	-12.0	-18.8	243.5	18.4	16.5	8.2	290.6	294.3	1.3	56.7	5.6	84.
10.4	34.0	3148.0	680.0	-12.7	-19.2	243.9	19.1	17.1	8.4	290.9	294.5	1.2	58.0	6.0	82.
10.7	35.0	3260.9	670.0	-13.4	-18.5	243.6	19.6	17.6	8.7	291.4	295.3	1.3	65.1	6.3	81.
11.1	36.0	3386.7	659.0	-14.3	-18.1	242.4	20.5	18.2	9.5	291.8	295.9	1.4	72.3	6.8	80.
11.5	37.0	3491.2	650.0	-13.8	-14.5	240.3	21.6	18.7	10.7	293.5	299.0	1.9	94.4	7.2	79.
11.9	38.0	3609.1	640.0	-14.1	-14.6	239.2	22.6	19.4	11.6	294.5	300.1	1.9	96.2	7.8	77.
12.4	39.0	3716.5	631.0	-14.7	-15.4	240.1	23.6	20.5	11.8	295.1	300.4	1.8	94.2	8.4	76.
12.7	40.0	3825.3	622.0	-15.2	-16.5	241.6	23.8	21.0	11.3	295.6	300.6	1.7	90.0	8.8	75.
13.1	41.0	3947.6	612.0	-16.2	-17.7	243.8	23.9	21.5	10.5	295.9	300.5	1.6	88.4	9.4	74.
13.5	42.0	4059.1	603.0	-16.6	-18.1	245.7	23.8	21.7	9.8	296.6	301.2	1.5	88.3	10.0	74.
13.9	43.0	4172.1	594.0	-17.3	-18.8	246.1	23.8	21.7	9.6	297.1	301.4	1.5	87.8	10.5	73.
14.2	44.0	4273.7	586.0	-17.8	-19.6	245.8	23.8	21.7	9.7	297.6	301.7	1.3	84.3	11.0	73.
14.5	45.0	4389.3	577.0	-18.9	-21.4	245.1	23.7	21.5	10.0	297.6	301.3	1.2	80.8	11.5	73.
14.9	46.0	4493.3	569.0	-19.2	-21.6	244.2	24.1	21.7	10.5	298.5	302.1	1.2	79.6	11.9	73.
15.2	47.0	4611.7	560.0	-20.3	-23.2	244.0	24.4	22.0	10.7	298.6	301.8	1.0	77.0	12.4	72.
15.6	48.0	4718.1	552.0	-21.2	-24.1	244.5	24.7	22.3	10.6	298.7	301.7	1.0	77.2	13.0	72.
15.9	49.0	4825.8	544.0	-21.7	-24.7	245.7	24.5	22.3	10.1	299.3	302.2	0.9	76.8	13.5	71.

\* BY SPFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
1421 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.2	50.0	4934.7	536.0	-22.9	-26.2	247.0	23.9	22.0	9.3	299.1	301.7	0.8	74.6	13.9	71.
16.7	51.0	5072.5	526.0	-24.0	-27.4	249.0	22.9	21.4	8.2	299.5	301.9	0.8	73.2	14.6	71.
16.9	52.0	5184.3	518.0	-24.6	-28.1	249.5	22.7	21.3	7.9	300.0	302.3	0.7	73.1	14.8	71.
17.3	53.0	5297.4	510.0	-25.8	-29.0	249.6	23.6	22.2	8.2	299.9	302.0	0.7	74.5	15.3	71.
17.6	54.0	5397.3	503.0	-26.9	-30.1	249.2	25.1	23.4	8.9	299.8	301.8	0.6	74.0	15.7	71.
18.0	55.0	5512.7	495.0	-27.9	-31.4	248.4	28.1	26.1	10.3	299.9	301.7	0.6	71.5	16.3	71.
18.4	56.0	5659.2	485.0	-28.4	-32.2	248.1	31.4	29.1	11.7	301.0	302.7	0.5	70.1	17.1	71.
18.7	57.0	5763.3	478.0	-29.5	-33.3	248.2	33.5	31.1	12.5	301.0	302.5	0.5	68.8	17.7	71.
19.1	58.0	5883.6	470.0	-30.1	-34.7	248.7	35.9	33.4	13.1	301.6	303.0	0.4	64.0	18.5	71.
19.6	59.0	5990.2	463.0	-31.2	-35.7	249.8	38.3	35.9	13.2	301.6	302.9	0.4	64.1	19.7	71.
20.0	60.0	6098.1	456.0	-31.8	-37.2	250.9	40.2	38.0	13.2	302.1	303.2	0.3	58.4	20.6	70.
20.5	61.0	6223.0	448.0	-32.5	-38.6	251.2	43.4	41.1	14.0	302.8	303.8	0.3	53.8	21.8	71.
20.9	62.0	6333.9	441.0	-33.4	-39.4	250.3	46.5	43.8	15.7	303.0	303.9	0.3	54.1	22.9	71.
21.3	63.0	6446.1	434.0	-34.2	-39.8	249.1	49.0	45.8	17.5	303.4	304.3	0.3	56.1	24.0	71.
21.7	64.0	6559.7	427.0	-34.9	-40.4	247.8	50.4	46.7	19.1	303.8	304.7	0.3	57.1	25.3	71.
22.0	65.0	6675.0	420.0	-35.3	-40.3	246.9	50.7	46.6	19.9	304.7	305.6	0.3	59.8	26.4	70.
22.5	66.0	6808.7	412.0	-36.4	-41.2	245.7	51.2	46.7	21.1	305.1	305.9	0.2	60.7	27.7	70.
22.8	67.0	6927.3	405.0	-37.0	-41.4	244.9	54.2	49.1	23.0	305.7	306.6	0.2	63.2	28.6	70.
23.3	68.0	7047.9	398.0	-37.2	-40.5	243.7	61.3	55.0	27.2	307.1	308.0	0.3	70.5	30.2	70.
23.6	69.0	7170.5	391.0	-37.4	-40.7	243.1	66.1	58.9	30.0	308.3	309.2	0.3	71.4	31.4	70.
23.9	70.0	7277.2	385.0	-38.0	-41.0	242.4	70.2	62.3	32.5	309.0	309.9	0.3	72.9	32.7	69.
24.3	71.0	7422.0	377.0	-37.6	-40.3	241.7	73.2	64.5	34.6	311.3	312.4	0.3	75.0	34.4	69.
24.7	72.0	7532.6	371.0	-38.0	-41.1	241.4	73.5	64.5	35.2	312.3	313.2	0.3	72.3	36.3	68.
25.1	73.0	7663.6	364.0	-38.6	-42.4	241.3	71.7*	62.9	34.4	313.1	313.9	0.2	66.9	38.1	68.
25.6	74.0	7777.6	358.0	-39.6	-43.5	241.7	69.3*	61.0	32.8	313.3	314.1	0.2	65.6	40.1	68.
26.0	75.0	7893.0	352.0	-40.8	99.9	242.2	69.6*	61.5	32.5	313.3	999.9	99.9	999.9	41.6	68.
26.4	76.0	8009.8	346.0	-41.6	99.9	242.5	72.4*	64.3	33.4	313.7	999.9	99.9	999.9	43.2	67.
26.8	77.0	8128.2	340.0	-42.6	99.9	242.8	75.3*	67.0	34.5	313.8	999.9	99.9	999.9	45.2	67.
27.2	78.0	8248.1	334.0	-43.9	99.9	243.0	77.7*	69.2	35.2	313.8	999.9	99.9	999.9	47.0	67.
27.6	79.0	8369.6	328.0	-44.8	99.9	243.4	79.0*	70.6	35.4	314.1	999.9	99.9	999.9	48.7	67.
28.0	80.0	8492.8	322.0	-45.8	99.9	243.9	78.7*	70.7	34.6	314.4	999.9	99.9	999.9	51.1	67.
28.6	81.0	8659.8	314.0	-47.2	99.9	244.9	77.2*	69.9	32.8	314.7	999.9	99.9	999.9	53.5	67.
28.9	82.0	8765.8	309.0	-48.2	99.9	245.1	77.2*	70.1	32.5	314.8	999.9	99.9	999.9	54.8	67.
29.4	83.0	8894.7	303.0	-49.3	99.9	244.9	77.4*	70.1	32.8	314.9	999.9	99.9	999.9	57.5	67.
29.8	84.0	9025.5	297.0	-50.4	99.9	244.6	76.4*	69.0	32.8	315.3	999.9	99.9	999.9	59.1	66.
30.1	85.0	9136.1	292.0	-51.1	99.9	244.4	75.2*	67.8	32.5	315.8	999.9	99.9	999.9	60.4	66.
30.4	86.0	9293.4	285.0	-52.6	99.9	244.3	73.5*	66.3	31.8	315.9	999.9	99.9	999.9	62.1	66.
30.9	87.0	9407.4	280.0	-53.8	99.9	244.3	71.8*	64.7	31.1	315.7	999.9	99.9	999.9	63.9	66.
31.4	88.0	9523.1	275.0	-54.1	99.9	243.7	72.2*	64.7	32.0	316.9	999.9	99.9	999.9	66.2	66.
31.7	89.0	9640.9	270.0	-53.9	99.9	243.1	72.0*	64.3	32.5	318.8	999.9	99.9	999.9	67.5	66.
32.1	90.0	9760.9	265.0	-53.9	99.9	242.6	70.6*	62.6	32.5	320.5	999.9	99.9	999.9	69.2	66.
32.6	91.0	9883.2	260.0	-54.1	99.9	242.8	66.1*	58.8	30.3	322.0	999.9	99.9	999.9	71.6	66.
32.9	92.0	10007.8	255.0	-54.1	99.9	243.2	64.0*	57.1	28.8	323.8	999.9	99.9	999.9	72.3	66.
33.3	93.0	10134.5	250.0	-54.1	99.9	243.6	62.8*	56.2	27.9	325.7	999.9	99.9	999.9	73.8	66.
33.7	94.0	10264.6	245.0	-53.6	99.9	243.8	63.2*	56.7	27.9	328.2	999.9	99.9	999.9	75.5	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
1421 GMT

165 17. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.1	95.0	10397.2	240.0	-53.6	99.5	244.1	65.0*	58.5	28.4	330.2	999.9	99.9	999.9	77.0	66.
34.6	96.0	10532.8	235.0	-53.0	99.5	244.6	68.3*	61.7	29.3	333.1	999.9	99.9	999.9	78.5	66.
34.9	97.0	10671.4	230.0	-53.0	99.9	245.0	68.5*	62.1	28.9	335.1	999.9	99.9	999.9	80.6	66.
35.4	98.0	10813.0	225.0	-53.3	99.9	245.8	64.1*	58.4	26.3	336.8	999.9	99.9	999.9	82.2	66.
35.7	99.0	10928.6	221.0	-53.2	99.9	246.4	61.0*	55.9	24.4	338.8	999.9	99.9	999.9	83.3	66.
36.1	100.0	11046.3	217.0	-53.2	99.9	247.4	57.8*	53.3	22.2	340.5	999.9	99.9	999.9	84.9	66.
36.7	101.0	11277.0	211.0	-52.9	99.5	248.8	55.7*	51.9	20.2	343.7	999.9	99.9	999.9	86.8	66.
37.1	102.0	11350.5	207.0	-52.9	99.5	249.1	53.5*	50.0	19.1	345.6	999.9	99.9	999.9	88.3	66.
37.6	103.0	11476.4	203.0	-53.0	99.5	249.1	48.7*	45.5	17.4	347.3	999.9	99.9	999.9	89.6	66.
38.0	104.0	11604.6	199.0	-53.5	99.9	249.1	45.5*	42.5	16.3	348.6	999.9	99.9	999.9	91.5	66.
38.5	105.0	11735.2	195.0	-53.5	99.9	248.1	50.8*	47.1	19.0	350.6	999.9	99.9	999.9	91.2	66.
38.8	106.0	11868.5	191.0	-53.6	99.9	247.5	53.8*	49.8	20.6	352.5	999.9	99.9	999.9	92.8	66.
39.3	107.0	12004.6	187.0	-53.8	99.9	247.7	51.7*	47.8	19.6	354.4	999.9	99.9	999.9	95.3	66.
39.7	108.0	12143.4	183.0	-54.1	99.5	248.6	47.8*	44.5	17.4	356.1	999.9	99.9	999.9	96.3	66.
40.1	109.0	12285.2	179.0	-54.2	99.5	249.0	49.6*	46.3	17.8	358.1	999.9	99.9	999.9	96.6	66.
40.5	110.0	12430.1	175.0	-54.2	99.5	247.6	62.8*	58.1	24.0	360.4	999.9	99.9	999.9	97.7	66.
41.0	111.0	12578.0	171.0	-55.2	99.9	245.7	79.5*	72.4	32.7	361.2	999.9	99.9	999.9	100.1	66.
41.5	112.0	12690.9	168.0	-55.5	99.9	245.6	73.9*	67.3	30.6	362.5	999.9	99.9	999.9	103.8	66.
41.8	113.0	12844.6	164.0	-55.5	99.9	246.4	62.7*	57.5	25.1	365.1	999.9	99.9	999.9	104.7	66.
42.4	114.0	12962.4	161.0	-54.9	99.9	248.4	45.7*	42.5	16.8	368.0	999.9	99.9	999.9	106.0	66.
42.8	115.0	13123.4	157.0	-54.6	99.9	248.6	42.6*	39.7	15.5	371.2	999.9	99.9	999.9	107.1	66.
43.3	116.0	13288.8	153.0	-54.1	99.5	248.0	44.9*	41.7	16.8	374.8	999.9	99.9	999.9	108.2	66.
43.8	117.0	13416.1	150.0	-53.5	99.5	246.9	49.8*	45.8	19.5	377.9	999.9	99.9	999.9	109.4	66.
44.2	118.0	13546.2	147.0	-53.2	99.9	246.3	51.9*	47.5	20.8	380.7	999.9	99.9	999.9	111.0	66.
44.7	119.0	13723.6	143.0	-54.1	99.9	246.7	51.0*	46.8	20.2	382.1	999.9	99.9	999.9	112.8	66.
45.0	120.0	13859.5	140.0	-54.2	99.9	247.5	49.5*	45.7	18.9	384.1	999.9	99.9	999.9	112.8	66.
45.5	121.0	13998.0	137.0	-55.6	99.9	247.4	41.3*	38.1	15.8	384.0	999.9	99.9	999.9	115.4	66.
46.0	122.0	14139.1	134.0	-55.6	99.9	243.6	28.0*	25.1	12.5	386.5	999.9	99.9	999.9	116.5	66.
46.4	123.0	14283.3	131.0	-55.6	99.5	241.0	31.5*	27.5	15.2	389.0	999.9	99.9	999.9	116.4	66.
46.8	124.0	14431.0	128.0	-55.3	99.5	241.2	46.7*	40.9	22.5	392.1	999.9	99.9	999.9	116.3	66.
47.1	125.0	14582.2	125.0	-55.6	99.9	241.3	57.5*	50.4	27.6	394.2	999.9	99.9	999.9	117.3	66.
47.7	126.0	14789.3	121.0	-56.0	99.9	239.5	54.2*	46.7	27.5	397.4	999.9	99.9	999.9	121.6	66.
48.1	127.0	14948.8	118.0	-56.4	99.9	236.7	39.9*	33.4	21.9	399.3	999.9	99.9	999.9	122.3	66.
48.6	128.0	15057.1	116.0	-57.2	99.9	236.3	31.9*	26.6	17.7	399.8	999.9	99.9	999.9	122.1	66.
48.9	129.0	15222.5	113.0	-58.1	99.5	239.6	35.5*	30.6	17.9	401.3	999.9	99.9	999.9	123.1	66.
49.4	130.0	15391.9	110.0	-58.5	99.5	244.9	40.4*	36.6	17.1	403.5	999.9	99.9	999.9	124.5	66.
49.9	131.0	15565.4	107.0	-59.2	99.5	249.8	40.6*	38.1	14.0	405.4	999.9	99.9	999.9	125.7	66.
50.4	132.0	15683.7	105.0	-58.9	99.9	253.9	38.4*	36.9	10.7	408.3	999.9	99.9	999.9	126.8	66.
50.7	133.0	15804.6	103.0	-58.4	99.9	254.8	38.4*	37.0	10.0	411.5	999.9	99.9	999.9	127.6	66.
51.1	134.0	15990.5	100.0	-58.4	99.9	254.2	40.5*	39.0	11.0	414.9	999.9	99.9	999.9	128.6	66.
51.6	135.0	16182.0	97.0	-58.7	99.9	251.4	46.7*	44.3	14.9	417.9	999.9	99.9	999.9	129.0	66.
52.0	136.0	16312.7	95.0	-59.2	99.5	249.5	47.6*	44.5	16.6	419.5	999.9	99.9	999.9	131.4	66.
52.5	137.0	16513.6	92.0	-59.7	99.5	248.0	36.4*	33.8	13.7	422.3	999.9	99.9	999.9	132.9	66.
53.0	138.0	16720.6	89.0	-60.2	99.5	246.1	35.4*	32.3	14.3	425.3	999.9	99.9	999.9	132.7	66.
53.6	139.0	16862.3	87.0	-60.4	99.9	245.4	45.3*	41.1	18.9	427.8	999.9	99.9	999.9	134.2	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
1421 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MH	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
54.1	140.0	17081.0	84.0	-60.4	99.9	247.1	32.0*	29.5	12.5	432.1	999.9	99.9	999.9	137.0	66.
54.7	141.0	17231.5	82.0	-59.4	99.9	243.8	5.1*	4.6	-2.0	437.1	999.9	99.9	999.9	137.0	66.
55.2	142.0	17465.1	79.0	-59.0	99.9	290.8	8.1*	7.5	-2.9	442.5	999.9	99.9	999.9	135.8	66.
55.7	143.0	17625.8	77.0	-59.2	99.9	260.7	25.6*	25.3	4.1	445.4	999.9	99.9	999.9	136.6	66.
56.3	144.0	17874.8	74.0	-59.4	99.9	255.2	40.1*	38.7	10.3	450.2	999.9	99.9	999.9	138.2	66.
56.8	145.0	18046.7	72.0	-58.4	99.9	253.5	44.9*	43.1	12.7	455.8	999.9	99.9	999.9	138.9	66.
57.4	146.0	18314.4	69.0	-58.5	99.9	257.0	35.3*	34.4	8.0	461.1	999.9	99.9	999.9	142.1	66.
58.0	147.0	18499.2	67.0	-58.7	99.9	276.6	14.0*	13.9	-1.6	464.6	999.9	99.9	999.9	142.0	67.
58.6	148.0	18689.3	65.0	-59.2	99.9	280.8	9.7*	9.5	-1.8	467.5	999.9	99.9	999.9	141.7	67.
59.2	149.0	18985.1	62.0	-59.7	99.9	282.8	10.3*	10.0	-2.3	472.8	999.9	99.9	999.9	142.9	67.
59.7	150.0	19190.3	60.0	-59.2	99.9	270.3	13.8*	13.8	-0.1	478.4	999.9	99.9	999.9	142.5	67.
60.4	151.0	19402.5	58.0	-59.7	99.9	248.6	31.8*	29.6	11.6	481.9	999.9	99.9	999.9	143.0	67.
61.0	152.0	19621.5	56.0	-60.6	99.9	244.9	37.2*	33.7	15.8	484.8	999.9	99.9	999.9	146.3	67.
61.6	153.0	19963.4	53.0	-61.8	99.9	242.8	34.6*	30.8	15.8	489.7	999.9	99.9	999.9	145.3	67.
62.3	154.0	20201.6	51.0	-61.6	99.9	241.4	17.3*	15.2	8.3	495.5	999.9	99.9	999.9	148.5	67.
63.0	155.0	20449.4	49.0	-61.8	99.9	264.8	7.2*	7.2	0.7	500.8	999.9	99.9	999.9	146.6	67.
63.7	156.0	20706.9	47.0	-62.7	99.9	253.3	27.8*	26.6	0.0	504.7	999.9	99.9	999.9	149.4	67.
64.5	157.0	21112.7	44.0	-63.6	99.9	257.7	31.0*	30.3	6.6	512.1	999.9	99.9	999.9	151.0	67.
65.1	158.0	21398.0	42.0	-63.9	99.9	258.9	39.6*	38.9	7.7	518.1	999.9	99.9	999.9	150.0	67.
65.9	159.0	21696.9	40.0	-64.1	99.9	255.3	29.7*	28.8	7.5	524.9	999.9	99.9	999.9	153.4	67.
66.8	160.0	22010.6	38.0	-64.7	99.9	270.1	12.6*	12.6	-0.0	531.2	999.9	99.9	999.9	154.0	67.
67.7	161.0	22341.3	36.0	-63.9	99.9	268.4	19.0*	19.0	0.5	541.4	999.9	99.9	999.9	154.7	67.
68.7	162.0	22691.2	34.0	-63.7	99.9	327.0	8.2*	4.4	-6.8	550.8	999.9	99.9	999.9	156.4	68.
69.7	163.0	23261.5	31.0	-61.4	99.9	345.3	8.3*	2.1	-11.0	571.8	999.9	99.9	999.9	155.2	68.
70.6	164.0	23674.6	29.0	-62.0	99.9	258.7	31.0*	30.4	6.1	581.4	999.9	99.9	999.9	155.4	68.
71.7	165.0	24116.3	27.0	-62.3	99.9	249.0	37.8*	35.3	13.6	592.4	999.9	99.9	999.9	158.8	68.
72.8	166.0	24591.0	25.0	-62.8	99.9	282.5	9.8*	9.6	-2.1	604.0	999.9	99.9	999.9	159.2	68.
74.2	167.0	25106.0	23.0	-61.8	99.9	277.4	15.8*	15.7	-2.0	621.8	999.9	99.9	999.9	162.5	68.
75.8	168.0	25972.0	20.0	-61.4	99.9	999.9	99.9	99.9	99.9	648.2	999.9	99.9	999.9	999.9	999.
77.4	169.0	26982.0	17.0	-60.6	99.9	999.9	99.9	99.9	99.9	681.8	999.9	99.9	999.9	999.9	999.

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
1715 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RYD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	180.0	994.2	-0.4	-1.2	280.0	6.2	6.1	-1.1	273.7	282.6	3.5	94.0	0.0	0.
0.4	6.0	286.9	981.0	-1.2	-2.5	295.0	8.3	7.5	-3.5	273.9	282.2	3.2	90.5	0.2	116.
0.7	7.0	376.7	970.0	-2.0	-2.8	296.6	8.1	7.3	-3.6	274.0	282.2	3.2	93.7	0.3	115.
1.1	8.0	467.4	959.0	-2.7	-3.8	300.6	7.7	6.6	-3.9	274.0	281.8	3.0	92.1	0.5	116.
1.4	9.0	558.8	948.0	-3.4	-4.2	304.8	7.2	5.9	-4.1	274.3	281.9	2.9	93.8	0.6	118.
1.8	10.0	651.0	937.0	-4.3	-4.9	303.5	7.0	5.9	-3.9	274.3	281.6	2.8	95.2	0.8	120.
2.1	11.0	761.2	924.0	-4.6	-5.1	300.6	7.1	6.1	-3.6	275.0	282.4	2.8	96.0	0.9	120.
2.4	12.0	855.5	913.0	-5.1	-5.8	297.9	7.3	6.4	-3.4	275.5	282.7	2.8	96.3	1.1	120.
2.7	13.0	950.7	902.0	-5.8	-6.4	292.0	6.8	6.3	-2.6	275.7	282.5	2.6	95.5	1.2	119.
3.0	14.0	1038.0	892.0	-6.3	-6.9	283.3	6.2	6.1	-1.4	276.1	282.8	2.6	95.1	1.3	119.
3.4	15.0	1135.1	881.0	-6.9	-7.4	273.1	7.2	7.2	-0.4	276.4	283.0	2.5	95.7	1.4	116.
3.8	16.0	1251.3	868.0	-6.4	-6.8	276.2	7.3	7.3	-0.8	278.1	285.1	2.6	96.7	1.6	113.
4.0	17.0	1341.9	858.0	-6.9	-7.3	279.7	7.3	7.2	-1.2	278.5	285.4	2.6	96.7	1.7	112.
4.4	18.0	1442.4	847.0	-7.3	-7.8	288.5	6.3	6.0	-2.0	279.1	285.8	2.5	96.6	1.9	112.
4.8	19.0	1535.2	837.0	-7.6	-8.1	288.3	7.1	6.7	-2.2	279.7	286.4	2.5	96.5	2.0	112.
5.0	20.0	1628.7	827.0	-8.3	-8.8	286.7	7.8	7.4	-2.2	279.9	286.3	2.4	96.4	2.1	112.
5.5	21.0	1751.8	814.0	-8.3	-8.8	284.0	10.7	10.3	-2.6	281.2	287.7	2.4	96.4	2.4	111.
5.8	22.0	1838.2	805.0	-7.9	-8.4	282.3	10.9	10.7	-2.3	282.5	289.4	2.5	96.5	2.6	110.
6.0	23.0	1945.2	794.0	-8.2	-8.7	281.3	11.1	10.9	-2.2	283.3	290.1	2.5	96.3	2.7	110.
6.4	24.0	2043.6	784.0	-8.6	-9.1	277.6	11.3	11.2	-1.5	283.9	290.5	2.4	96.2	3.0	109.
6.7	25.0	2143.1	774.0	-9.1	-9.6	274.4	11.0	11.0	-0.8	284.4	291.0	2.4	96.1	3.2	108.
7.0	26.0	2264.1	762.0	-9.7	-10.2	270.6	10.5	10.5	-0.1	285.1	291.4	2.3	96.0	3.4	108.
7.4	27.0	2355.8	753.0	-10.2	-10.8	264.3	10.3	10.3	1.0	285.4	291.6	2.2	95.8	3.6	106.
7.7	28.0	2458.8	743.0	-10.5	-11.1	260.0	10.7	10.5	1.9	286.2	292.3	2.2	95.7	3.7	105.
8.0	29.0	2552.6	734.0	-11.2	-11.7	256.1	11.2	10.9	2.7	286.4	292.3	2.1	96.0	3.9	104.
8.4	30.0	2657.8	724.0	-11.7	-12.2	253.2	12.7	12.1	3.7	287.0	292.8	2.1	95.7	4.1	102.
8.7	31.0	2764.5	714.0	-11.8	-12.4	251.6	13.9	13.2	4.4	288.0	293.8	2.1	95.5	4.3	100.
8.9	32.0	2861.6	705.0	-12.2	-12.6	250.9	14.8	14.0	4.9	288.6	294.3	2.0	95.4	4.5	99.
9.3	33.0	2959.8	696.0	-12.8	-13.4	249.8	16.4	15.4	5.7	289.0	294.5	2.0	95.6	4.8	97.
9.7	34.0	3059.1	687.0	-13.2	-13.8	249.0	17.8	16.7	6.4	289.6	295.0	1.9	95.5	5.2	95.
10.0	35.0	3159.6	678.0	-13.4	-14.0	248.5	18.8	17.5	6.9	290.5	296.0	1.9	94.7	5.5	93.
10.4	36.0	3295.5	666.0	-13.9	-14.7	247.6	19.8	18.3	7.6	291.4	296.7	1.8	93.9	5.9	92.
10.7	37.0	3398.8	657.0	-14.8	-15.5	246.7	20.5	18.8	8.1	291.6	296.6	1.7	93.9	6.3	90.
11.0	38.0	3491.5	649.0	-15.2	-16.0	245.8	21.1	19.3	8.7	292.1	297.0	1.7	93.7	6.6	89.
11.4	39.0	3597.0	640.0	-16.0	-16.8	244.6	21.5	19.4	9.2	292.3	297.0	1.6	93.4	7.1	87.
11.8	40.0	3703.6	631.0	-16.6	-17.4	243.8	21.7	19.5	9.6	292.9	297.4	1.5	93.0	7.6	86.
12.2	41.0	3835.7	620.0	-17.2	-18.2	243.9	22.2	19.9	9.8	293.6	297.9	1.5	92.1	8.1	84.
12.7	42.0	3945.3	611.0	-18.1	-19.2	245.0	23.4	21.2	9.9	293.8	297.9	1.4	90.9	8.7	83.
13.0	43.0	4043.7	603.0	-18.7	-19.9	245.8	24.5	22.4	10.0	294.2	298.0	1.3	90.7	9.1	82.
13.3	44.0	4143.2	595.0	-19.3	-20.5	245.3	25.8	23.4	10.8	294.6	298.4	1.3	90.2	9.5	81.
13.7	45.0	4256.4	586.0	-20.2	-21.2	243.4	27.1	24.3	12.1	294.8	298.4	1.2	91.9	10.2	80.
14.0	46.0	4358.2	578.0	-20.8	-21.5	241.3	27.9	24.5	13.4	295.4	298.9	1.2	93.8	10.6	80.
14.3	47.0	4474.1	569.0	-21.6	-22.6	239.0	27.8	23.8	14.3	295.7	299.0	1.1	91.1	11.2	79.
14.7	48.0	4578.4	561.0	-22.4	-23.1	236.4	27.4	22.8	15.1	296.0	299.2	1.1	93.7	11.8	77.
15.0	49.0	4683.8	553.0	-23.3	-24.0	234.9	26.8	21.9	15.4	296.1	299.1	1.0	94.0	12.3	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
1715 GMT

160 14. 0

TIME MIN	QNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.5	50.0	4790.3	545.0	-24.1	-25.3	233.8	27.0	21.8	15.9	296.4	299.1	0.9	89.9	12.9	75.
15.9	51.0	4911.6	536.0	-25.1	-26.5	233.7	28.1	22.6	16.6	296.5	299.0	0.8	87.9	13.6	74.
16.4	52.0	5020.7	528.0	-25.9	-27.4	234.2	29.9	24.2	17.5	296.8	299.2	0.8	87.6	14.4	73.
16.7	53.0	5131.1	520.0	-26.8	-29.5	235.1	30.9	25.4	17.7	297.0	299.0	0.6	78.3	14.9	72.
17.0	54.0	5242.8	512.0	-27.9	-32.6	236.1	31.9	26.5	17.8	297.0	298.5	0.5	63.6	15.4	72.
17.5	55.0	5355.7	504.0	-28.7	-38.7	238.8	32.8	28.0	17.0	297.4	298.2	0.3	37.0	16.4	70.
17.9	56.0	5484.6	495.0	-29.3	-45.8	241.0	33.0	28.8	16.0	298.1	298.5	0.1	18.5	17.2	70.
18.2	57.0	5586.2	488.0	-29.9	-46.0	242.2	33.2	29.4	15.5	298.7	299.1	0.1	18.9	17.8	70.
18.7	58.0	5703.8	480.0	-30.5	-47.2	243.3	34.1	30.4	15.3	299.3	299.6	0.1	17.7	18.8	70.
19.1	59.0	5823.2	472.0	-30.9	-48.2	243.1	35.3	31.5	16.0	300.2	300.6	0.1	16.3	19.5	69.
19.5	60.0	5929.0	465.0	-32.0	-49.0	242.1	36.9	32.7	17.3	300.2	300.5	0.1	16.4	20.5	69.
19.9	61.0	6036.0	458.0	-32.8	-49.4	241.1	39.6	34.7	19.2	300.5	300.8	0.1	17.0	21.3	69.
20.2	62.0	6144.3	451.0	-33.3	-50.1	240.6	41.9	36.5	20.6	301.2	301.5	0.1	16.6	22.0	68.
20.6	63.0	6254.2	444.0	-33.5	-50.7	240.4	45.0	39.1	22.2	302.2	302.5	0.1	16.6	23.0	68.
21.0	64.0	6365.5	437.0	-34.3	-51.1	240.3	47.0	40.9	23.3	302.6	302.8	0.1	16.2	24.2	68.
21.4	65.0	6478.4	430.0	-34.6	-51.3	240.2	47.9	41.5	23.8	303.6	303.9	0.1	16.2	25.4	67.
21.9	66.0	6626.1	421.0	-34.9	-51.5	240.0	51.1	44.3	25.6	305.1	305.4	0.1	16.2	26.7	67.
22.2	67.0	6726.2	415.0	-35.4	-51.3	239.9	54.7	47.4	27.4	305.7	306.0	0.1	17.7	27.6	67.
22.5	68.0	6844.5	408.0	-36.1	-50.7	239.9	59.0	51.0	29.6	306.3	306.6	0.1	20.3	28.5	67.
22.9	69.0	6964.7	401.0	-36.2	-48.6	239.6	62.9	54.3	31.8	307.7	308.1	0.1	26.0	30.2	66.
23.3	70.0	7086.8	394.0	-36.7	-48.6	239.2	64.4	55.3	32.9	308.5	308.9	0.1	27.7	31.8	66.
23.8	71.0	7228.7	386.0	-37.1	-46.6	238.5	65.2	55.6	34.0	309.8	310.3	0.1	36.2	33.7	65.
24.2	72.0	7337.0	380.0	-37.4	-46.9	238.0	67.4	57.1	35.7	310.9	311.4	0.1	35.7	35.2	65.
24.6	73.0	7465.2	373.0	-38.1	-47.5	237.7	71.6*	60.5	38.3	311.6	312.1	0.1	35.9	36.8	65.
25.0	74.0	7558.0	368.0	-38.7	-47.0	237.5	77.3*	65.2	41.5	311.9	312.5	0.1	40.8	38.4	64.
25.4	75.0	7689.5	361.0	-39.9	99.5	237.5	80.2*	67.7	43.0	312.1	999.9	99.9	999.9	40.5	64.
25.8	76.0	7804.0	355.0	-40.2	99.5	237.6	78.9*	66.6	42.3	313.2	999.9	99.9	999.9	42.6	64.
26.2	77.0	7939.6	348.0	-41.0	99.9	237.7	75.8*	64.1	40.5	313.9	999.9	99.9	999.9	44.5	64.
26.5	78.0	8037.7	343.0	-42.3	99.9	237.9	73.2*	62.0	38.9	313.6	999.9	99.9	999.9	45.9	63.
26.9	79.0	8177.0	336.0	-42.8	99.9	238.1	74.7*	63.4	39.5	314.7	999.9	99.9	999.9	47.1	63.
27.3	80.0	8298.4	330.0	-43.6	99.9	238.0	78.2*	66.3	41.4	315.1	999.9	99.9	999.9	49.2	63.
27.7	81.0	8442.2	323.0	-44.5	99.9	237.6	82.6*	69.8	44.2	315.9	999.9	99.9	999.9	51.2	63.
28.1	82.0	8567.5	317.0	-45.6	99.5	237.2	87.4*	73.5	47.4	316.1	999.9	99.9	999.9	53.0	63.
28.6	83.0	8673.2	312.0	-46.6	99.5	236.9	93.4*	78.2	51.0	316.1	999.9	99.9	999.9	55.6	62.
28.9	84.0	8801.7	306.0	-47.9	99.5	236.8	94.1*	78.8	51.5	316.1	999.9	99.9	999.9	57.6	62.
29.2	85.0	8932.2	300.0	-48.5	99.9	236.9	90.0*	75.4	49.2	316.8	999.9	99.9	999.9	59.5	62.
29.7	86.0	9087.0	293.0	-50.0	99.9	236.9	77.3*	64.8	42.2	317.1	999.9	99.9	999.9	62.2	62.
30.1	87.0	9199.3	288.0	-50.7	99.9	237.1	65.8*	55.2	35.8	317.6	999.9	99.9	999.9	63.6	62.
30.5	88.0	9336.6	282.0	-50.4	99.9	237.1	56.8*	47.7	30.8	319.9	999.9	99.9	999.9	65.1	62.
31.0	89.0	9453.4	277.0	-50.1	99.5	237.2	51.4*	43.2	27.9	322.0	999.9	99.9	999.9	66.8	61.
31.4	90.0	9572.4	272.0	-50.0	99.5	237.7	54.5*	46.0	29.1	323.9	999.9	99.9	999.9	67.6	61.
31.8	91.0	9693.6	267.0	-50.3	99.5	238.4	63.2*	53.8	33.2	325.2	999.9	99.9	999.9	68.9	61.
32.2	92.0	9816.8	262.0	-51.2	99.9	238.9	72.2*	61.8	37.2	325.6	999.9	99.9	999.9	70.3	61.
32.6	93.0	9942.6	257.0	-51.5	99.9	239.5	75.6*	65.1	38.3	327.0	999.9	99.9	999.9	72.4	61.
33.1	94.0	10069.4	252.0	-52.2	99.9	241.0	65.1*	56.9	31.6	327.7	999.9	99.9	999.9	75.7	61.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
1715 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.5	95.0	10198.8	247.0	-53.0	99.9	242.8	54.3*	48.3	24.8	328.4	999.9	99.9	999.9	76.6	61.
34.0	96.0	10357.5	241.0	-52.8	99.9	242.9	59.5*	52.9	27.1	331.0	999.9	99.9	999.9	76.8	61.
34.4	97.0	10492.7	236.0	-53.1	99.9	241.8	69.9*	61.6	33.0	332.5	999.9	99.9	999.9	79.4	61.
34.8	98.0	10630.7	231.0	-53.0	99.9	241.5	71.7*	63.0	34.1	334.8	999.9	99.9	999.9	81.4	61.
35.2	99.0	10743.5	227.0	-52.7	99.9	242.3	65.5*	58.0	30.4	336.9	999.9	99.9	999.9	83.1	61.
35.7	100.0	10887.3	222.0	-52.5	99.9	245.0	53.6*	48.6	22.6	339.3	999.9	99.9	999.9	85.0	61.
36.1	101.0	11064.7	216.0	-51.8	99.9	247.3	48.7*	44.9	18.8	343.2	999.9	99.9	999.9	85.9	61.
36.5	102.0	11185.8	212.0	-52.2	99.9	247.9	49.8*	46.1	18.8	344.3	999.9	99.9	999.9	86.0	61.
36.9	103.0	11340.0	207.0	-53.0	99.9	247.7	49.8*	46.1	18.9	345.5	999.9	99.9	999.9	88.9	62.
37.5	104.0	11465.9	203.0	-52.8	99.9	248.2	44.9*	41.6	16.7	347.6	999.9	99.9	999.9	89.2	62.
37.8	105.0	11594.2	199.0	-53.0	99.9	248.1	43.6*	40.5	16.3	349.4	999.9	99.9	999.9	90.8	62.
38.2	106.0	11725.1	195.0	-53.3	99.9	247.6	45.1*	41.7	17.2	350.9	999.9	99.9	999.9	91.8	62.
38.7	107.0	11858.6	191.0	-53.3	99.9	246.8	53.2*	48.9	21.0	353.0	999.9	99.9	999.9	92.8	62.
39.1	108.0	12029.3	186.0	-53.5	99.9	246.6	61.7*	56.7	24.5	355.4	999.9	99.9	999.9	94.5	62.
39.6	109.0	12134.0	183.0	-53.3	99.9	247.1	65.0*	59.9	25.3	357.3	999.9	99.9	999.9	96.1	62.
40.0	110.0	12312.3	178.0	-53.5	99.9	248.6	57.1*	53.2	20.9	359.9	999.9	99.9	999.9	99.4	62.
40.5	111.0	12458.3	174.0	-54.2	99.9	251.9	41.2*	39.2	12.8	361.0	999.9	99.9	999.9	99.2	62.
41.0	112.0	12645.4	169.0	-53.9	99.9	253.2	35.2*	33.7	10.2	364.5	999.9	99.9	999.9	100.6	62.
41.5	113.0	12760.4	166.0	-54.1	99.9	251.9	37.1*	35.3	11.5	366.1	999.9	99.9	999.9	101.5	62.
41.9	114.0	12877.3	163.0	-54.6	99.9	251.0	40.1*	37.9	13.1	367.3	999.9	99.9	999.9	102.5	63.
42.3	115.0	13036.4	159.0	-54.4	99.9	249.4	45.2*	42.3	15.9	370.1	999.9	99.9	999.9	103.5	63.
42.9	116.0	13199.8	155.0	-54.1	99.9	246.3	55.6*	50.9	22.4	373.4	999.9	99.9	999.9	104.9	63.
43.4	117.0	13367.8	151.0	-53.6	99.9	244.2	60.4*	54.4	26.3	377.0	999.9	99.9	999.9	107.3	63.
43.8	118.0	13540.4	147.0	-53.8	99.9	243.3	60.5*	54.1	27.2	379.6	999.9	99.9	999.9	108.7	63.
44.2	119.0	13672.9	144.0	-53.8	99.9	243.0	59.3*	52.8	26.9	381.9	999.9	99.9	999.9	109.9	63.
44.7	120.0	13853.6	140.0	-54.6	99.9	243.4	53.6*	47.9	24.0	383.6	999.9	99.9	999.9	111.8	63.
45.2	121.0	13991.9	137.0	-55.7	99.9	244.9	40.7*	36.9	17.3	384.0	999.9	99.9	999.9	113.8	63.
45.7	122.0	14132.9	134.0	-55.7	99.9	246.6	31.1*	28.5	12.4	386.4	999.9	99.9	999.9	114.3	63.
46.2	123.0	14277.1	131.0	-55.8	99.9	244.9	34.5*	31.2	14.6	388.7	999.9	99.9	999.9	114.5	63.
46.7	124.0	14474.3	127.0	-56.3	99.9	242.5	39.3*	34.9	18.1	391.2	999.9	99.9	999.9	116.4	63.
47.1	125.0	14575.0	125.0	-56.7	99.9	241.8	37.8*	33.4	17.9	392.4	999.9	99.9	999.9	117.9	63.
47.8	126.0	14781.4	121.0	-56.3	99.9	243.8	41.7*	37.4	18.4	396.7	999.9	99.9	999.9	118.3	63.
48.3	127.0	14994.7	117.0	-56.8	99.9	244.4	41.6*	37.5	18.0	399.6	999.9	99.9	999.9	119.8	63.
48.8	128.0	15159.4	114.0	-56.7	99.9	245.6	26.2*	23.9	10.8	402.9	999.9	99.9	999.9	122.9	63.
49.3	129.0	15271.6	112.0	-56.5	99.9	247.8	22.4*	20.7	8.5	405.3	999.9	99.9	999.9	120.7	63.
49.7	130.0	15502.1	108.0	-57.1	99.9	246.4	37.7*	34.5	15.1	408.2	999.9	99.9	999.9	120.5	63.
50.4	131.0	15680.1	105.0	-57.6	99.9	244.3	63.4*	57.1	27.4	410.6	999.9	99.9	999.9	125.0	63.
50.9	132.0	15863.1	102.0	-57.6	99.9	244.5	58.4*	52.8	25.1	414.0	999.9	99.9	999.9	126.3	63.
51.4	133.0	16051.4	99.0	-58.0	99.9	246.9	49.0*	45.1	19.2	416.9	999.9	99.9	999.9	129.0	63.
51.9	134.0	16179.8	97.0	-58.8	99.9	251.3	39.7*	37.6	12.7	417.7	999.9	99.9	999.9	129.0	63.
52.5	135.0	16377.6	94.0	-57.6	99.9	257.9	28.0*	27.4	5.8	423.8	999.9	99.9	999.9	131.8	63.
53.1	136.0	16582.2	91.0	-57.8	99.9	254.3	30.1*	29.0	8.1	427.4	999.9	99.9	999.9	131.3	63.
53.8	137.0	16794.7	88.0	-55.8	99.9	246.8	40.0*	36.7	15.7	435.5	999.9	99.9	999.9	133.6	63.
54.5	138.0	17015.3	85.0	-56.2	99.9	243.9	26.7*	24.0	11.8	439.2	999.9	99.9	999.9	134.8	63.
55.1	139.0	17243.3	82.0	-56.8	99.9	245.8	21.2*	19.3	8.7	442.4	999.9	99.9	999.9	135.1	63.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
1715 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P1 DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
55.8	140.0	17479.1	79.0	-57.5	99.9	251.3	29.6*	28.1	9.5	445.8	999.9	99.9	999.9	136.1	63.
56.5	141.0	17723.5	76.0	-57.8	99.9	249.3	52.8*	49.4	18.7	450.0	999.9	99.9	999.9	138.2	64.
57.1	142.0	17977.6	73.0	-57.8	99.9	249.0	42.9*	40.0	15.4	455.2	999.9	99.9	999.9	140.4	64.
57.9	143.0	18242.1	70.0	-58.1	99.9	318.5	5.4*	3.6	-4.0	460.0	999.9	99.9	999.9	140.9	64.
58.6	144.0	18517.0	67.0	-59.5	99.9	258.4	21.8*	21.4	4.4	462.9	999.9	99.9	999.9	140.3	64.
59.2	145.0	18706.5	65.0	-59.9	99.9	252.8	39.5*	37.7	11.7	466.1	999.9	99.9	999.9	142.5	64.
60.0	146.0	19001.0	62.0	-60.9	99.9	267.9	16.1*	16.1	0.6	470.1	999.9	99.9	999.9	145.6	64.
60.9	147.0	19309.1	59.0	-61.3	99.9	249.6	42.9*	40.2	15.0	476.0	999.9	99.9	999.9	145.2	64.
61.7	148.0	19632.0	56.0	-62.5	99.9	248.7	38.3*	35.7	13.9	480.3	999.9	99.9	999.9	147.7	64.
62.6	149.0	19856.6	54.0	-62.2	99.9	242.9	57.2*	50.9	26.0	486.2	999.9	99.9	999.9	150.4	64.
63.3	150.0	20332.6	50.0	-61.8	99.9	247.1	29.0*	26.7	11.3	497.9	999.9	99.9	999.9	152.3	64.
64.2	151.0	20584.6	48.0	-63.1	99.9	277.7	10.2*	10.1	-1.4	500.6	999.9	99.9	999.9	152.9	64.
65.2	152.0	20846.2	46.0	-63.5	99.9	315.9	6.2*	4.3	-4.4	505.9	999.9	99.9	999.9	152.9	64.
66.2	153.0	21262.4	43.0	-61.4	99.9	251.8	42.6*	40.5	13.3	520.7	999.9	99.9	999.9	152.7	65.
67.2	154.0	21709.9	40.0	-62.4	99.9	250.9	34.9*	32.9	11.4	529.3	999.9	99.9	999.9	157.9	65.
68.3	155.0	22190.5	37.0	-63.1	99.9	259.8	23.3*	22.9	4.1	539.3	999.9	99.9	999.9	158.0	65.
69.4	156.0	22532.7	35.0	-62.7	99.9	286.6	11.3*	10.8	-3.2	548.9	999.9	99.9	999.9	160.4	65.
70.5	157.0	22894.9	33.0	-63.3	99.9	319.2	10.9*	7.1	-8.3	556.8	999.9	99.9	999.9	159.0	65.
71.8	158.0	23479.9	30.0	-64.0	99.9	252.4	48.2*	46.0	14.6	570.1	999.9	99.9	999.9	162.7	65.
73.3	159.0	24128.1	27.0	-62.2	99.9	263.1	10.9*	10.8	1.3	592.8	999.9	99.9	999.9	164.9	65.
74.8	160.0	24603.9	25.0	-62.0	99.9	264.8	16.2*	16.1	1.5	606.5	999.9	99.9	999.9	166.2	66.
76.4	161.0	25395.3	22.0	-61.6	99.9	255.8	33.8*	32.8	8.3	630.2	999.9	99.9	999.9	167.3	66.
78.3	162.0	26309.3	19.0	-59.0	99.9	258.9	17.1*	16.7	3.3	665.3	999.9	99.9	999.9	172.0	66.
80.3	163.0	27007.5	17.0	-58.7	99.9	253.6	16.4*	15.7	4.6	687.9	999.9	99.9	999.9	172.3	66.
82.7	164.0	28231.7	14.0	-57.1	99.9	999.9	99.9	99.9	99.9	732.3	999.9	99.9	999.9	999.9	999.

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
2015 GMT

162 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	180.0	993.5	0.0	-2.9	320.0	4.1	2.6	-3.1	274.1	282.1	3.1	81.0	0.0	0.
0.3	6.0	248.7	985.0	-0.9	-5.4	299.7	7.5	6.5	-3.7	273.7	280.2	2.5	69.2	0.2	124.
0.6	7.0	338.2	974.0	-2.5	-6.6	299.5	7.4	6.4	-3.6	273.0	279.1	2.4	72.5	0.3	124.
1.0	8.0	436.4	962.0	-3.7	-6.1	298.4	6.6	5.8	-3.2	272.7	279.3	2.5	83.8	0.4	122.
1.4	9.0	527.1	951.0	-4.4	-6.7	294.9	6.1	5.6	-2.6	273.0	279.5	2.5	86.4	0.6	121.
1.8	10.0	618.7	940.0	-5.4	-6.9	296.2	6.6	5.9	-2.9	272.8	279.1	2.4	89.6	0.7	119.
2.2	11.0	736.4	926.0	-5.9	-6.5	300.6	7.2	6.2	-3.7	273.5	280.1	2.5	95.5	0.9	119.
2.6	12.0	829.9	915.0	-6.9	-7.0	305.5	7.6	6.2	-4.4	273.4	279.8	2.5	99.6	1.1	120.
2.9	13.0	915.7	905.0	-7.4	-7.4	307.2	8.1	6.4	-4.9	273.8	280.1	2.4	100.5	1.2	120.
3.3	14.0	1011.0	894.0	-7.8	-7.6	306.8	9.3	7.4	-5.5	274.3	280.5	2.4	100.5	1.4	122.
3.8	15.0	1107.2	883.0	-8.4	-8.5	303.0	10.5	8.8	-5.7	274.6	280.6	2.3	99.3	1.7	122.
4.2	16.0	1222.6	870.0	-7.4	-7.6	298.5	10.6	9.4	-5.1	276.9	283.4	2.5	98.3	2.0	122.
4.6	17.0	1312.7	860.0	-7.7	-8.4	294.8	10.4	9.5	-4.4	277.5	283.7	2.4	94.6	2.2	121.
5.0	18.0	1412.8	849.0	-8.4	-9.2	295.5	10.6	9.6	-4.6	277.7	283.7	2.2	94.2	2.5	121.
5.3	19.0	1504.8	839.0	-8.4	-9.2	297.2	11.1	9.9	-5.1	278.7	284.7	2.3	94.0	2.7	120.
5.7	20.0	1597.8	829.0	-8.8	-9.4	296.0	11.6	10.4	-5.1	279.1	285.0	2.2	92.2	3.0	120.
6.1	21.0	1720.3	816.0	-8.8	-10.0	292.0	11.7	10.9	-4.4	280.4	286.3	2.2	91.0	3.2	120.
6.4	22.0	1815.8	806.0	-9.4	-11.4	289.3	11.2	10.5	-3.7	280.7	286.1	2.0	85.2	3.4	119.
6.8	23.0	1912.4	796.0	-9.3	-11.4	291.2	10.3	9.6	-3.7	281.9	287.4	2.0	84.4	3.7	118.
7.1	24.0	2010.1	786.0	-9.9	-12.2	292.8	9.8	9.0	-3.8	282.3	287.5	1.9	82.7	3.9	118.
7.5	25.0	2118.9	775.0	-10.3	-12.9	291.0	9.4	8.8	-3.4	283.0	288.0	1.8	81.4	4.1	118.
8.0	26.0	2228.9	764.0	-10.9	-13.5	292.8	10.0	9.2	-3.9	283.5	288.4	1.8	80.6	4.4	117.
8.3	27.0	2330.1	754.0	-11.6	-14.1	293.5	10.7	9.8	-4.3	283.8	288.5	1.7	81.7	4.5	117.
8.8	28.0	2432.4	744.0	-12.0	-14.2	293.1	11.9	10.9	-4.7	284.4	289.2	1.7	84.0	4.9	117.
9.0	29.0	2535.9	734.0	-12.6	-14.5	292.5	12.4	11.5	-4.8	284.9	289.6	1.7	85.1	5.0	117.
9.3	30.0	2630.2	725.0	-12.4	-13.5	291.2	12.9	12.0	-4.7	286.0	291.1	1.8	89.0	5.3	117.
9.8	31.0	2736.4	715.0	-12.4	-13.7	290.8	13.6	12.7	-4.8	287.2	292.7	2.0	95.1	5.7	116.
10.1	32.0	2833.3	706.0	-12.3	-12.9	291.5	13.9	12.9	-5.1	288.4	294.0	2.0	95.1	5.9	116.
10.6	33.0	2942.3	696.0	-12.9	-13.6	293.3	14.6	13.4	-5.8	288.9	294.4	1.9	93.8	6.3	116.
10.9	34.0	3041.5	687.0	-13.3	-14.5	293.6	15.0	13.8	-6.0	289.5	294.8	1.8	92.3	6.6	116.
11.2	35.0	3141.9	678.0	-14.0	-15.2	293.6	15.4	14.1	-6.2	289.8	294.8	1.7	90.2	6.9	116.
11.8	36.0	3266.1	667.0	-14.5	-16.0	294.1	16.2	14.8	-6.6	290.5	295.3	1.6	88.2	7.5	115.
12.1	37.0	3368.9	658.0	-15.4	-16.8	294.8	16.7	15.1	-7.0	290.7	295.2	1.5	87.6	7.7	115.
12.5	38.0	3484.5	648.0	-15.9	-17.7	295.7	17.3	15.6	-7.5	291.4	295.6	1.5	86.4	8.1	115.
12.9	39.0	3578.1	640.0	-16.6	-19.0	295.7	17.9	16.1	-7.8	291.6	295.5	1.3	81.8	8.6	115.
13.2	40.0	3684.4	631.0	-17.3	-19.7	295.4	18.2	16.5	-7.8	292.0	295.7	1.3	81.7	8.9	115.
13.8	41.0	3816.0	620.0	-18.5	-20.9	294.3	18.7	17.1	-7.7	292.1	295.5	1.2	81.5	9.6	115.
14.1	42.0	3912.8	612.0	-19.3	-22.1	293.9	18.9	17.3	-7.7	292.2	295.3	1.1	78.5	9.9	115.
14.4	43.0	4022.8	603.0	-20.0	-22.6	293.9	18.9	17.3	-7.7	292.6	295.6	1.0	77.7	10.3	115.
14.9	44.0	4134.2	594.0	-20.9	-24.7	294.1	18.8	17.2	-7.7	292.8	295.5	0.9	74.3	10.8	115.
15.1	45.0	4234.3	586.0	-21.7	-26.1	294.1	18.8	17.2	-7.7	293.0	295.3	0.8	67.8	11.1	115.
15.6	46.0	4348.1	577.0	-22.7	-27.9	293.6	18.8	17.2	-7.5	293.2	295.2	0.7	61.9	11.6	115.
15.9	47.0	4450.3	569.0	-23.7	-28.9	292.8	18.8	17.4	-7.3	293.1	295.0	0.6	62.4	12.0	115.
16.3	48.0	4553.7	561.0	-24.3	-29.3	291.8	18.6	17.3	-6.9	293.7	295.5	0.6	62.8	12.4	115.
16.8	49.0	4658.3	553.0	-24.9	-30.4	290.8	18.2	17.0	-6.5	294.1	295.8	0.5	60.0	13.0	115.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
2015 GMT

162 22. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES ME	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.1	50.0	4764.1	545.0	-26.0	-32.7	290.4	18.0	16.9	-6.3	294.0	295.5	0.5	54.6	13.3	115.
17.6	51.0	4898.0	535.0	-26.6	-34.7	289.2	18.2	17.2	-6.0	294.8	296.1	0.4	49.0	13.8	115.
18.0	52.0	5006.6	527.0	-27.3	-35.4	287.3	18.7	17.9	-5.6	295.3	296.4	0.3	45.7	14.3	115.
18.3	53.0	5116.6	519.0	-28.5	-37.0	285.3	18.8	18.1	-5.0	295.1	296.1	0.3	43.4	14.6	114.
18.8	54.0	5227.7	511.0	-29.3	-39.2	282.7	18.7	18.2	-4.1	295.5	296.3	0.2	37.2	15.2	114.
19.1	55.0	5340.3	503.0	-30.1	-40.4	281.5	18.5	18.1	-3.7	295.9	296.6	0.2	35.6	15.5	114.
19.7	56.0	5468.5	494.0	-31.4	-41.7	280.1	18.9	18.6	-3.3	295.8	296.4	0.2	34.8	16.1	113.
20.0	57.0	5583.9	486.0	-32.2	-43.4	279.5	19.4	19.1	-3.2	296.2	296.7	0.2	31.4	16.4	113.
20.4	58.0	5686.1	479.0	-33.2	-43.6	278.7	20.2	20.0	-3.1	296.1	296.7	0.2	34.1	16.9	112.
20.8	59.0	5789.4	472.0	-34.3	-44.5	277.7	20.5	20.3	-2.7	296.1	296.6	0.1	34.3	17.4	112.
21.1	60.0	5908.9	464.0	-34.8	-45.0	276.4	20.4	20.3	-2.3	296.8	297.3	0.1	34.3	17.8	112.
21.4	61.0	6014.7	457.0	-35.9	-46.2	274.1	20.0	20.0	-1.4	296.8	297.2	0.1	33.3	18.2	111.
21.9	62.0	6121.8	450.0	-36.9	-48.4	269.6	21.1	21.1	0.2	296.8	297.1	0.1	28.8	18.6	111.
22.2	63.0	6230.2	443.0	-37.2	-49.1	267.5	23.4	23.4	1.0	297.8	298.1	0.1	27.5	18.9	110.
22.7	64.0	6340.1	436.0	-37.9	-51.7	264.8	28.3	28.2	2.5	298.3	298.5	0.1	23.3	19.6	110.
22.9	65.0	6451.5	429.0	-38.5	-53.1	263.7	30.4	30.2	3.3	298.8	299.0	0.1	19.7	20.0	109.
23.4	66.0	6597.1	420.0	-38.8	-55.5	259.4	33.2	32.6	6.1	300.3	300.4	0.0	15.1	21.0	108.
23.8	67.0	6712.4	413.0	-39.2	-56.6	255.8	34.2	33.2	8.4	301.2	301.3	0.0	13.6	21.7	107.
24.1	68.0	6829.4	406.0	-39.9	-57.8	253.6	34.9	33.5	9.9	301.8	301.9	0.0	12.6	22.2	106.
24.6	69.0	6931.1	400.0	-40.0	99.9	251.1	36.4	34.5	11.8	303.0	999.9	99.9	999.9	23.0	104.
24.9	70.0	7051.4	393.0	-40.7	99.9	250.0	37.7	35.5	12.9	303.6	999.9	99.9	999.9	23.7	103.
25.4	71.0	7191.3	385.0	-41.3	99.9	248.7	40.7	38.0	14.8	304.7	999.9	99.9	999.9	24.5	102.
25.8	72.0	7315.7	378.0	-42.1	99.9	248.8	43.6	40.7	15.8	305.2	999.9	99.9	999.9	25.4	101.
26.2	73.0	7423.8	372.0	-42.8	99.9	249.3	46.3	43.4	16.4	305.7	999.9	99.9	999.9	26.3	99.
26.7	74.0	7552.0	365.0	-42.8	99.9	249.8	49.1	46.1	17.0	307.4	999.9	99.9	999.9	27.6	98.
27.0	75.0	7664.0	359.0	-42.1	99.9	249.6	50.6	47.4	17.6	309.7	999.9	99.9	999.9	28.4	97.
27.4	76.0	7778.1	353.0	-42.2	99.9	248.5	52.8	49.1	19.4	311.1	999.9	99.9	999.9	29.5	96.
27.9	77.0	7894.0	347.0	-42.4	99.9	247.3	55.4	51.1	21.4	312.4	999.9	99.9	999.9	30.9	95.
28.3	78.0	8011.8	341.0	-42.9	99.9	246.8	56.8	52.2	22.4	313.2	999.9	99.9	999.9	32.2	93.
28.8	79.0	8131.3	335.0	-43.6	99.9	246.7	58.0	53.3	22.9	313.9	999.9	99.9	999.9	33.7	92.
29.2	80.0	8252.7	329.0	-44.0	99.9	247.1	59.0	54.4	23.0	314.9	999.9	99.9	999.9	34.9	91.
29.7	81.0	8396.8	322.0	-44.9	99.9	247.7	60.1	55.6	22.8	315.7	999.9	99.9	999.9	36.7	90.
30.0	82.0	8522.4	316.0	-45.4	99.9	247.9	60.5	56.0	22.8	316.6	999.9	99.9	999.9	37.7	89.
30.4	83.0	8650.2	310.0	-45.6	99.9	247.5	59.5	55.0	22.8	318.1	999.9	99.9	999.9	39.0	89.
30.8	84.0	8758.4	305.0	-46.4	99.9	246.7	57.9	53.2	22.9	318.4	999.9	99.9	999.9	40.4	88.
31.1	85.0	8890.2	299.0	-47.0	99.9	246.2	57.1	52.2	23.1	319.4	999.9	99.9	999.9	41.4	87.
31.8	86.0	9046.9	292.0	-47.7	99.9	246.2	60.3	55.2	24.3	320.6	999.9	99.9	999.9	43.3	86.
32.1	87.0	9160.8	287.0	-48.0	99.9	246.8	62.7	57.7	24.7	321.7	999.9	99.9	999.9	44.4	86.
32.6	88.0	9299.8	281.0	-49.0	99.9	247.8	65.0	60.2	24.6	322.2	999.9	99.9	999.9	46.6	85.
33.0	89.0	9417.8	276.0	-48.7	99.9	248.1	64.0	59.4	23.9	324.3	999.9	99.9	999.9	47.9	84.
33.5	90.0	9538.1	271.0	-48.0	99.9	246.8	59.9	55.0	23.6	327.1	999.9	99.9	999.9	49.8	84.
33.9	91.0	9660.9	266.0	-48.3	99.9	245.4	57.1*	51.9	23.8	328.4	999.9	99.9	999.9	51.3	83.
34.2	92.0	9785.7	261.0	-48.6	99.9	245.1	56.5*	51.3	23.7	329.7	999.9	99.9	999.9	52.0	83.
34.8	93.0	9912.8	256.0	-49.2	99.9	246.3	56.5*	51.7	22.7	330.7	999.9	99.9	999.9	54.0	82.
35.0	94.0	10042.0	251.0	-49.8	99.9	246.9	56.4*	51.9	22.1	331.7	999.9	99.9	999.9	55.1	82.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
2015 GMT

162 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.4	95.0	10200.2	245.0	-50.1	99.9	247.0	53.3*	49.0	20.8	333.5	999.9	99.9	999.9	55.8	82.
35.9	96.0	10334.6	240.0	-51.1	99.9	245.4	49.4*	44.9	20.6	333.9	999.9	99.9	999.9	57.6	81.
36.2	97.0	10443.5	236.0	-51.3	99.9	244.2	49.5*	44.5	21.5	335.3	999.9	99.9	999.9	58.3	81.
36.8	98.0	10611.0	230.0	-52.0	99.9	243.6	54.7*	49.0	24.3	336.6	999.9	99.9	999.9	59.7	81.
37.1	99.0	10724.6	226.0	-51.9	99.9	243.9	58.1*	52.2	25.5	338.6	999.9	99.9	999.9	60.7	80.
37.6	100.0	10869.8	221.0	-51.4	99.9	244.3	60.6*	54.6	26.3	341.4	999.9	99.9	999.9	62.8	80.
38.0	101.0	11048.1	215.0	-52.4	99.9	243.8	59.0*	52.9	25.1	342.7	999.9	99.9	999.9	64.3	79.
38.5	102.0	11169.6	211.0	-52.5	99.9	242.6	56.0*	49.7	25.8	344.3	999.9	99.9	999.9	65.6	79.
38.9	103.0	11324.4	206.0	-53.0	99.9	242.5	53.7*	47.6	24.8	346.0	999.9	99.9	999.9	67.1	79.
39.3	104.0	11450.8	202.0	-53.1	99.9	243.2	52.7*	47.1	23.8	347.7	999.9	99.9	999.9	68.4	78.
39.8	105.0	11579.6	198.0	-53.6	99.9	245.2	55.4*	50.3	23.2	348.9	999.9	99.9	999.9	69.5	78.
40.2	106.0	11710.8	194.0	-53.6	99.9	246.9	58.7*	54.0	23.0	351.0	999.9	99.9	999.9	70.8	78.
40.6	107.0	11844.7	190.0	-53.9	99.9	248.1	59.9*	55.6	22.3	352.5	999.9	99.9	999.9	72.7	78.
40.9	108.0	11981.3	186.0	-54.1	99.9	248.7	57.8*	53.8	21.0	354.4	999.9	99.9	999.9	73.9	78.
41.4	109.0	12120.8	182.0	-53.9	99.9	250.2	55.1*	51.8	18.7	356.9	999.9	99.9	999.9	75.0	77.
41.8	110.0	12263.5	178.0	-54.1	99.9	251.6	54.6*	51.8	17.2	358.9	999.9	99.9	999.9	76.4	77.
42.2	111.0	12446.3	173.0	-54.2	99.9	252.7	53.3*	50.9	15.9	361.6	999.9	99.9	999.9	78.0	77.
42.8	112.0	12596.3	169.0	-54.1	99.9	252.1	49.3*	46.9	15.2	364.3	999.9	99.9	999.9	79.7	77.
43.2	113.0	12750.0	165.0	-54.2	99.9	249.7	47.8*	44.8	13.6	366.5	999.9	99.9	999.9	80.8	77.
43.7	114.0	12867.6	162.0	-54.4	99.9	246.3	48.0*	43.9	13.3	368.2	999.9	99.9	999.9	82.3	77.
44.1	115.0	13027.5	158.0	-55.2	99.9	244.7	47.7*	43.1	12.4	369.5	999.9	99.9	999.9	83.3	77.
44.7	116.0	13191.1	154.0	-55.5	99.9	245.5	44.2*	40.2	18.3	371.6	999.9	99.9	999.9	85.2	76.
45.1	117.0	13358.8	150.0	-55.8	99.9	247.5	43.2*	40.0	16.5	373.9	999.9	99.9	999.9	86.0	76.
45.8	118.0	13487.4	147.0	-55.8	99.9	249.3	49.6*	46.4	17.5	376.1	999.9	99.9	999.9	87.7	76.
46.2	119.0	13663.2	143.0	-55.2	99.9	248.0	51.4*	47.6	15.3	380.2	999.9	99.9	999.9	89.3	76.
46.8	120.0	13798.5	140.0	-55.7	99.9	245.1	48.9*	44.4	20.6	381.6	999.9	99.9	999.9	91.0	76.
47.3	121.0	13936.4	137.0	-55.8	99.9	244.7	47.3*	42.8	20.2	383.7	999.9	99.9	999.9	92.4	76.
47.9	122.0	14077.2	134.0	-56.3	99.9	246.0	46.8*	42.7	19.1	385.3	999.9	99.9	999.9	93.8	76.
48.4	123.0	14269.6	130.0	-56.5	99.9	247.3	47.2*	43.5	18.2	388.3	999.9	99.9	999.9	95.8	75.
48.9	124.0	14417.7	127.0	-56.6	99.9	248.8	50.3*	46.9	18.2	390.7	999.9	99.9	999.9	96.2	75.
49.3	125.0	14569.0	124.0	-57.5	99.9	250.0	50.7*	47.6	17.4	391.8	999.9	99.9	999.9	98.1	75.
50.0	126.0	14723.7	121.0	-57.6	99.9	251.6	43.7*	41.4	13.8	394.3	999.9	99.9	999.9	100.2	75.
50.5	127.0	14882.1	118.0	-57.6	99.9	252.1	42.8*	40.7	13.1	397.1	999.9	99.9	999.9	101.2	75.
50.9	128.0	15044.6	115.0	-57.8	99.9	252.7	47.7*	45.6	14.2	399.7	999.9	99.9	999.9	102.2	75.
51.5	129.0	15211.1	112.0	-58.5	99.9	254.2	50.3*	48.3	13.7	401.5	999.9	99.9	999.9	104.5	75.
52.0	130.0	15381.8	109.0	-58.5	99.9	256.4	39.7*	38.6	9.3	404.6	999.9	99.9	999.9	105.7	75.
52.8	131.0	15557.9	106.0	-57.0	99.9	261.1	27.4*	27.1	4.2	410.8	999.9	99.9	999.9	106.8	75.
53.2	132.0	15739.8	103.0	-56.6	99.9	258.7	33.0*	32.3	6.4	414.8	999.9	99.9	999.9	107.1	75.
53.9	133.0	15927.2	100.0	-56.8	99.9	253.2	45.4*	43.5	13.1	418.0	999.9	99.9	999.9	109.3	75.
54.3	134.0	16055.1	98.0	-57.1	99.9	251.1	44.7*	42.2	14.5	419.8	999.9	99.9	999.9	110.9	75.
54.9	135.0	16251.6	95.0	-57.6	99.9	248.8	40.7*	38.0	14.7	422.5	999.9	99.9	999.9	111.6	75.
55.4	136.0	16453.8	92.0	-58.5	99.9	249.1	39.3*	36.7	14.1	424.7	999.9	99.9	999.9	113.7	75.
56.0	137.0	16661.8	89.0	-59.3	99.9	251.9	39.2*	37.3	12.2	427.1	999.9	99.9	999.9	114.0	75.
56.8	138.0	16876.7	86.0	-59.0	99.9	259.3	39.4*	38.7	7.3	432.0	999.9	99.9	999.9	116.7	75.
57.5	139.0	17024.1	84.0	-59.5	99.9	262.4	40.2*	39.9	5.3	433.8	999.9	99.9	999.9	117.8	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
2015 GMT

162 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.2	140.0	17251.3	81.0	-60.2	99.9	258.8	40.0*	39.2	7.8	436.9	999.9	99.9	999.9	120.0	75.
59.0	141.0	17487.2	78.0	-59.3	99.9	255.7	40.1*	38.9	9.9	443.5	999.9	99.9	999.9	122.2	75.
59.8	142.0	17733.3	75.0	-58.5	99.9	258.0	23.6*	23.1	4.9	450.3	999.9	99.9	999.9	123.7	75.
60.5	143.0	17904.5	73.0	-55.5	99.9	258.3	20.4*	20.0	4.1	460.1	999.9	99.9	999.9	123.5	75.
61.1	144.0	18171.3	70.0	-56.6	99.9	257.4	30.8*	30.1	6.7	463.2	999.9	99.9	999.9	125.1	75.
61.8	145.0	18354.6	68.0	-57.8	99.9	257.2	36.1*	35.2	8.0	464.6	999.9	99.9	999.9	126.5	75.
62.5	146.0	18638.4	65.0	-59.0	99.9	257.3	32.3*	31.5	7.1	468.0	999.9	99.9	999.9	128.2	75.
63.2	147.0	18833.9	63.0	-60.2	99.9	257.9	15.2*	14.9	3.2	469.5	999.9	99.9	999.9	129.5	75.
63.9	148.0	19035.1	61.0	-60.2	99.9	250.3	11.3*	10.7	3.8	473.9	999.9	99.9	999.9	128.5	75.
64.7	149.0	19348.3	58.0	-62.0	99.9	255.3	21.4*	20.7	5.4	476.7	999.9	99.9	999.9	130.6	75.
65.5	150.0	19565.8	56.0	-61.1	99.9	261.8	29.5*	29.2	4.2	483.6	999.9	99.9	999.9	131.2	75.
66.1	151.0	19792.6	54.0	-59.3	99.9	260.3	36.5*	35.9	5.1	492.7	999.9	99.9	999.9	132.6	75.
66.9	152.0	20028.0	52.0	-61.1	99.9	257.0	14.8*	14.4	3.3	493.9	999.9	99.9	999.9	135.4	75.
67.7	153.0	20270.7	50.0	-62.7	99.9	281.5	4.1*	4.0	-0.8	495.6	999.9	99.9	999.9	133.7	75.
68.5	154.0	20650.8	47.0	-64.1	99.9	257.2	30.7*	29.9	6.8	501.3	999.9	99.9	999.9	135.0	75.
69.2	155.0	20916.3	45.0	-65.4	99.9	253.6	31.7*	30.4	8.9	504.3	999.9	99.9	999.9	136.6	75.
70.1	156.0	21192.6	43.0	-66.0	99.9	256.4	15.5*	15.1	3.7	509.5	999.9	99.9	999.9	138.1	75.
70.9	157.0	21482.4	41.0	-64.8	99.9	259.8	11.2*	11.0	2.0	519.4	999.9	99.9	999.9	138.5	75.
71.9	158.0	21788.1	39.0	-64.1	99.9	253.9	38.0*	36.5	10.6	528.8	999.9	99.9	999.9	139.0	75.
72.8	159.0	22111.1	37.0	-63.3	99.9	260.7	40.7*	40.2	6.6	538.8	999.9	99.9	999.9	142.4	75.
73.8	160.0	22451.4	35.0	-64.8	99.9	270.7	26.6*	26.6	-0.3	543.4	999.9	99.9	999.9	143.6	76.
74.9	161.0	22999.3	32.0	-64.1	99.9	273.5	27.0*	26.9	-1.7	559.6	999.9	99.9	999.9	146.1	76.
76.1	162.0	23395.6	30.0	-62.9	99.9	255.7	11.4*	11.0	2.8	573.1	999.9	99.9	999.9	145.7	76.
77.3	163.0	23819.9	28.0	-63.5	99.9	256.1	27.6*	26.8	5.6	583.0	999.9	99.9	999.9	147.9	76.
78.7	164.0	24276.0	26.0	-62.6	99.9	250.2	26.4*	24.8	8.9	598.1	999.9	99.9	999.9	149.6	76.
79.9	165.0	24771.9	24.0	-60.8	99.9	999.9	99.9	99.9	99.9	617.2	999.9	99.9	999.9	999.9	999.
81.3	166.0	25315.0	22.0	-59.3	99.9	999.9	99.9	99.9	99.9	636.9	999.9	99.9	999.9	999.9	999.

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
2319 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P / DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	180.0	995.9	-1.7	-2.5	300.0	6.1	5.3	-3.0	272.2	280.3	3.2	94.0	0.0	0.
0.4	6.0	299.5	981.0	-2.6	-6.0	301.2	7.5	6.4	-3.9	272.3	278.8	2.5	77.8	0.3	132.
0.8	7.0	389.2	970.0	-3.4	-4.8	302.6	7.3	6.2	-3.9	272.4	279.5	2.8	90.1	0.4	128.
1.2	8.0	471.1	960.0	-4.3	-5.2	303.4	7.6	6.3	-4.2	272.3	279.2	2.7	93.5	0.6	127.
1.5	9.0	561.9	949.0	-5.0	-5.6	303.2	8.2	6.8	-4.5	272.6	279.4	2.7	95.5	0.7	127.
1.8	10.0	653.5	938.0	-5.9	-6.2	300.6	8.1	7.0	-4.1	272.5	279.2	2.6	97.2	0.9	126.
2.1	11.0	771.2	924.0	-6.6	-6.7	298.5	8.0	7.1	-3.8	272.9	279.4	2.5	99.1	1.1	125.
2.5	12.0	864.7	913.0	-7.4	-7.5	297.2	8.1	7.2	-3.7	273.1	279.3	2.4	99.2	1.2	124.
2.8	13.0	950.5	903.0	-8.0	-8.0	298.1	8.5	7.5	-4.0	273.3	279.4	2.3	99.4	1.4	123.
3.1	14.0	1045.7	892.0	-8.4	-8.5	298.7	8.5	7.5	-4.1	273.8	279.7	2.3	99.3	1.5	123.
3.4	15.0	1142.0	881.0	-9.0	-9.0	298.9	8.0	7.0	-3.9	274.2	279.9	2.2	99.5	1.7	122.
3.9	16.0	1257.1	868.0	-9.4	-9.5	298.9	8.9	7.8	-4.3	274.9	280.6	2.1	99.5	1.9	122.
4.2	17.0	1346.7	858.0	-9.7	-9.7	298.4	9.9	8.7	-4.7	275.5	281.1	2.1	100.8	2.1	122.
4.7	18.0	1446.3	847.0	-9.9	-10.0	296.4	11.1	10.0	-5.0	276.4	282.0	2.1	98.9	2.4	121.
5.1	19.0	1537.9	837.0	-10.6	-11.0	294.1	11.2	10.2	-4.6	276.5	281.8	2.0	96.7	2.7	121.
5.4	20.0	1630.7	827.0	-9.0	-9.1	293.0	10.9	10.0	-4.3	279.2	285.3	2.3	97.0	2.9	120.
5.9	21.0	1753.8	814.0	-8.0	-8.3	294.8	10.8	9.8	-4.5	281.6	288.3	2.5	97.1	3.2	119.
6.3	22.0	1849.9	804.0	-8.2	-10.6	298.0	10.5	9.3	-4.9	282.2	288.0	2.1	82.8	3.5	119.
6.7	23.0	1947.1	794.0	-8.4	-14.1	302.5	10.2	8.6	-5.5	283.0	287.5	1.6	63.0	3.7	119.
7.1	24.0	2045.4	784.0	-8.7	-14.2	307.1	10.0	8.0	-6.0	283.7	288.3	1.6	64.5	4.0	119.
7.4	25.0	2144.8	774.0	-9.4	-14.3	308.0	10.0	7.9	-6.1	284.0	288.4	1.6	66.0	4.1	120.
7.9	26.0	2265.5	762.0	-9.9	-14.3	306.4	11.8	9.5	-7.0	284.8	289.3	1.6	68.5	4.4	120.
8.2	27.0	2367.4	752.0	-10.4	-14.3	305.4	12.7	10.4	-7.4	285.2	289.8	1.6	71.6	4.7	121.
8.5	28.0	2460.0	743.0	-11.3	-15.7	304.7	13.5	11.1	-7.7	285.3	289.5	1.5	69.5	4.9	121.
8.9	29.0	2563.9	733.0	-11.6	-15.6	304.1	13.9	11.5	-7.8	286.1	290.4	1.5	72.1	5.3	121.
9.2	30.0	2658.8	724.0	-10.9	-15.6	304.0	14.0	11.6	-7.8	287.8	292.3	1.6	67.7	5.5	121.
9.6	31.0	2765.8	714.0	-10.9	-17.5	303.9	14.0	11.6	-7.8	289.0	292.9	1.3	57.7	5.9	121.
9.9	32.0	2863.2	705.0	-11.4	-18.4	303.8	14.1	11.7	-7.8	289.4	293.1	1.3	56.0	6.1	122.
10.2	33.0	2961.7	696.0	-12.0	-19.1	303.5	14.2	11.8	-7.8	289.8	293.3	1.2	55.4	6.4	122.
10.6	34.0	3061.2	687.0	-12.4	-19.7	302.8	14.5	12.2	-7.8	290.4	293.8	1.2	54.3	6.7	122.
11.0	35.0	3173.1	677.0	-13.3	-20.7	302.0	14.8	12.5	-7.8	290.7	293.9	1.1	53.6	7.0	122.
11.3	36.0	3297.7	666.0	-13.8	-21.4	301.1	14.7	12.6	-7.6	291.4	294.4	1.0	52.4	7.3	122.
11.8	37.0	3400.9	657.0	-14.8	-22.3	299.1	14.6	12.8	-7.1	291.4	294.3	1.0	52.4	7.8	122.
12.2	38.0	3505.2	648.0	-15.5	-23.2	297.2	14.8	13.1	-6.8	291.8	294.5	0.9	51.6	8.1	122.
12.6	39.0	3598.9	640.0	-16.1	-23.4	295.3	15.2	13.8	-6.5	292.2	294.9	0.9	52.8	8.4	121.
13.0	40.0	3705.5	631.0	-16.7	-24.3	293.3	15.9	14.6	-6.3	292.6	295.0	0.8	49.5	8.8	121.
13.4	41.0	3825.3	621.0	-17.7	-26.7	290.4	16.2	15.2	-5.7	292.8	294.9	0.7	44.9	9.2	121.
13.8	42.0	3934.4	612.0	-18.5	-29.1	287.1	16.6	15.9	-4.9	293.1	294.8	0.6	38.7	9.6	120.
14.2	43.0	4044.8	603.0	-19.2	-29.8	284.2	16.9	16.4	-4.2	293.5	295.2	0.5	38.3	10.0	120.
14.6	44.0	4144.0	595.0	-19.9	-30.3	282.0	17.1	16.8	-3.5	293.9	295.5	0.5	38.7	10.4	119.
14.9	45.0	4257.0	586.0	-20.5	-30.6	280.6	17.1	16.8	-3.1	294.4	295.9	0.5	39.7	10.7	118.
15.2	46.0	4358.6	578.0	-21.3	-31.2	279.2	17.1	16.9	-2.7	294.6	296.1	0.5	40.3	11.0	118.
15.7	47.0	4461.2	570.0	-22.3	-32.5	277.3	17.5	17.3	-2.2	294.7	296.0	0.4	38.1	11.4	117.
16.1	48.0	4564.9	562.0	-23.1	-33.4	277.1	18.0	17.9	-2.2	294.9	296.2	0.4	38.1	11.9	116.
16.4	49.0	4669.8	554.0	-24.0	-33.9	278.2	18.4	18.2	-2.6	295.0	296.3	0.4	39.7	12.2	116.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
2319 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.8	50.0	4789.1	545.0	-25.1	-34.6	279.5	18.7	18.5	-3.1	295.1	296.3	0.4	40.3	12.6	115.
17.2	51.0	4909.9	536.0	-25.8	-35.2	279.5	19.1	18.8	-3.1	295.6	296.7	0.4	41.0	13.0	115.
17.6	52.0	5032.3	527.0	-27.0	-36.0	277.8	19.4	19.2	-2.6	295.6	296.7	0.3	41.7	13.5	114.
17.9	53.0	5128.6	520.0	-27.8	-36.9	275.6	19.7	19.6	-1.9	295.8	296.8	0.3	41.2	13.8	114.
18.3	54.0	5239.8	512.0	-28.7	-37.5	272.6	20.0	20.0	-0.9	296.0	296.9	0.3	42.1	14.3	113.
18.8	55.0	5338.2	505.0	-29.8	-37.8	269.0	20.4	20.4	0.4	295.9	296.8	0.3	45.0	14.8	112.
19.3	56.0	5480.4	495.0	-31.0	-38.4	266.2	20.8	20.8	1.4	296.1	297.0	0.3	47.8	15.4	111.
19.7	57.0	5581.3	488.0	-31.7	-40.0	265.4	21.8	21.7	1.7	296.4	297.2	0.2	43.6	15.8	110.
20.1	58.0	5698.1	480.0	-32.4	-42.5	265.9	23.3	23.3	1.7	297.0	297.6	0.2	35.5	16.3	110.
20.5	59.0	5801.4	473.0	-33.6	-46.6	266.8	25.1	25.1	1.4	296.7	297.1	0.1	25.3	16.8	109.
20.9	60.0	5920.9	465.0	-34.4	-50.7	266.0	25.5	25.5	1.8	297.2	297.5	0.1	17.1	17.5	108.
21.3	61.0	6026.9	458.0	-35.0	-63.9	263.9	24.9	24.8	2.6	297.7	297.7	0.0	3.4	18.1	107.
21.8	62.0	6134.0	451.0	-36.2	-62.2	261.1	24.1	23.8	1.7	297.5	297.5	0.0	4.8	18.7	106.
22.2	63.0	6242.4	444.0	-37.0	-60.3	259.7	24.0	23.6	4.3	297.8	297.9	0.0	6.7	19.2	106.
22.7	64.0	6352.1	437.0	-37.9	-59.2	258.6	24.6	24.1	4.9	298.0	298.1	0.0	8.6	19.8	105.
23.2	65.0	6463.1	430.0	-38.9	-62.3	256.9	25.1	24.4	5.7	298.2	298.2	0.0	6.3	20.5	104.
23.7	66.0	6607.9	421.0	-40.1	99.9	255.0	25.5	24.6	6.6	298.5	999.9	99.9	999.9	21.2	103.
24.1	67.0	6722.1	414.0	-41.2	99.9	254.1	26.2	25.2	7.2	298.5	999.9	99.9	999.9	21.7	102.
24.6	68.0	6821.1	408.0	-42.1	99.9	254.2	28.0	26.9	7.6	298.6	999.9	99.9	999.9	22.4	101.
25.0	69.0	6938.0	401.0	-43.1	99.9	254.7	29.9	28.9	7.9	298.8	999.9	99.9	999.9	22.9	100.
25.3	70.0	7056.4	394.0	-44.1	99.9	255.0	30.9	29.9	8.0	299.0	999.9	99.9	999.9	23.5	100.
25.9	71.0	7193.7	386.0	-45.0	99.9	255.4	31.7	30.7	8.0	299.5	999.9	99.9	999.9	24.7	99.
26.4	72.0	7315.9	379.0	-45.6	99.9	255.9	32.2	31.2	7.8	300.3	999.9	99.9	999.9	25.4	98.
26.8	73.0	7422.3	373.0	-45.5	99.9	256.1	33.8	32.9	8.1	301.9	999.9	99.9	999.9	26.2	97.
27.2	74.0	7530.6	367.0	-44.5	99.9	255.8	36.3	35.2	8.9	304.6	999.9	99.9	999.9	27.0	97.
27.6	75.0	7641.3	361.0	-43.6	99.9	255.1	39.0	37.7	10.0	307.2	999.9	99.9	999.9	27.8	96.
28.0	76.0	7773.0	354.0	-43.2	99.9	254.1	41.3	39.7	11.3	309.4	999.9	99.9	999.9	28.8	95.
28.4	77.0	7888.3	348.0	-42.7	99.9	252.6	42.9	41.0	12.9	311.7	999.9	99.9	999.9	29.6	94.
28.8	78.0	8005.5	342.0	-43.4	99.9	250.7	44.1	41.6	14.6	312.3	999.9	99.9	999.9	30.7	94.
29.3	79.0	8124.7	336.0	-43.1	99.9	248.3	45.0	41.8	16.6	314.3	999.9	99.9	999.9	32.0	93.
29.7	80.0	8245.9	330.0	-43.9	99.9	247.4	46.2	42.7	17.8	314.8	999.9	99.9	999.9	32.9	92.
30.2	81.0	8389.6	323.0	-44.6	99.9	248.0	49.6	46.0	18.6	315.7	999.9	99.9	999.9	34.1	91.
30.7	82.0	8515.2	317.0	-44.6	99.9	249.7	53.6	50.3	18.6	317.4	999.9	99.9	999.9	35.5	90.
31.1	83.0	8643.0	311.0	-44.8	99.9	250.6	55.5	52.4	18.4	319.0	999.9	99.9	999.9	36.9	89.
31.5	84.0	8773.3	305.0	-44.9	99.9	251.0	55.4	52.4	18.0	320.6	999.9	99.9	999.9	38.2	89.
31.9	85.0	8883.7	300.0	-45.6	99.9	251.1	53.7	50.8	17.4	321.1	999.9	99.9	999.9	39.5	88.
32.3	86.0	9041.0	292.0	-45.7	99.9	251.3	51.7	48.9	16.6	323.1	999.9	99.9	999.9	40.6	87.
32.9	87.0	9178.6	287.0	-46.4	99.9	251.5	49.2	46.7	15.6	324.0	999.9	99.9	999.9	42.5	87.
33.3	88.0	9295.1	282.0	-47.2	99.9	252.0	49.4	47.0	15.3	324.6	999.9	99.9	999.9	43.4	86.
33.8	89.0	9413.5	277.0	-47.3	99.9	252.7	50.8	48.5	15.1	326.1	999.9	99.9	999.9	44.9	86.
34.3	90.0	9558.3	271.0	-47.4	99.9	252.5	51.1	48.7	15.4	327.9	999.9	99.9	999.9	46.5	86.
34.8	91.0	9681.4	266.0	-47.6	99.9	251.0	50.0	47.3	16.3	329.4	999.9	99.9	999.9	48.0	85.
35.2	92.0	9806.7	261.0	-47.9	99.9	249.7	50.0	46.9	17.3	330.8	999.9	99.9	999.9	49.1	85.
35.7	93.0	9934.2	256.0	-48.3	99.9	249.2	51.8	48.5	18.4	332.0	999.9	99.9	999.9	50.4	84.
36.1	94.0	10064.0	251.0	-48.7	99.9	249.4	53.5	50.1	18.8	333.2	999.9	99.9	999.9	51.8	84.

\* BY SPFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
2319 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.6	95.0	10195.9	246.0	-49.9	99.9	249.5	55.6*	52.1	19.5	333.4	999.9	99.9	999.9	53.4	84.
37.1	96.0	10357.2	240.0	-50.4	99.9	249.9	59.5*	55.9	20.4	335.1	999.9	99.9	999.9	54.8	83.
37.6	97.0	10494.3	235.0	-51.3	99.9	251.1	62.0*	58.7	20.1	335.8	999.9	99.9	999.9	56.7	83.
38.1	98.0	10634.0	230.0	-51.4	99.9	252.4	57.9*	55.1	17.5	337.6	999.9	99.9	999.9	58.9	82.
38.6	99.0	10777.1	225.0	-50.2	99.9	253.1	50.2*	48.1	14.6	341.6	999.9	99.9	999.9	60.3	82.
39.1	100.0	10894.5	221.0	-49.5	99.9	253.6	45.9*	44.0	13.0	344.5	999.9	99.9	999.9	61.6	82.
39.8	101.0	11074.6	215.0	-50.1	99.9	254.1	45.0*	43.3	12.3	346.3	999.9	99.9	999.9	63.5	82.
40.3	102.0	11197.2	211.0	-50.2	99.9	253.8	45.8*	44.0	12.8	347.9	999.9	99.9	999.9	64.9	81.
40.8	103.0	11353.8	206.0	-50.2	99.9	253.3	48.4*	46.4	14.0	350.3	999.9	99.9	999.9	66.0	81.
41.2	104.0	11481.5	202.0	-51.6	99.9	253.0	50.4*	48.2	14.7	350.1	999.9	99.9	999.9	67.3	81.
41.7	105.0	11643.8	197.0	-52.5	99.9	253.2	51.8*	49.6	15.0	351.2	999.9	99.9	999.9	69.1	81.
42.1	106.0	11776.2	193.0	-53.1	99.9	253.8	53.6*	51.5	15.0	352.3	999.9	99.9	999.9	70.0	81.
42.7	107.0	11911.2	189.0	-53.1	99.9	255.0	57.4*	55.5	14.9	354.4	999.9	99.9	999.9	72.1	81.
43.1	108.0	12049.2	185.0	-52.8	99.9	255.8	56.5*	54.7	13.9	357.1	999.9	99.9	999.9	73.8	81.
43.7	109.0	12190.2	181.0	-53.2	99.9	256.6	49.9*	48.5	11.5	358.6	999.9	99.9	999.9	75.5	80.
44.1	110.0	12370.9	176.0	-52.5	99.9	257.0	46.8*	45.6	10.5	362.7	999.9	99.9	999.9	76.5	80.
44.9	111.0	12519.7	172.0	-52.0	99.9	257.9	43.9*	42.9	9.2	365.9	999.9	99.9	999.9	79.0	80.
45.5	112.0	12672.2	168.0	-51.7	99.9	256.8	45.8*	44.6	10.5	368.8	999.9	99.9	999.9	80.0	80.
46.1	113.0	12828.5	164.0	-51.7	99.9	251.8	49.4*	46.9	15.4	371.4	999.9	99.9	999.9	82.1	80.
46.6	114.0	12988.5	160.0	-52.0	99.9	247.9	47.4*	43.9	17.9	373.5	999.9	99.9	999.9	83.8	80.
47.1	115.0	13110.9	157.0	-53.1	99.9	246.6	42.0*	38.5	16.7	373.7	999.9	99.9	999.9	84.8	80.
47.8	116.0	13319.0	152.0	-54.0	99.9	251.7	41.0*	39.0	12.9	375.6	999.9	99.9	999.9	86.3	79.
48.3	117.0	13489.8	148.0	-55.0	99.9	255.1	47.0*	45.5	12.1	376.8	999.9	99.9	999.9	87.5	79.
48.9	118.0	13664.6	144.0	-55.9	99.9	255.6	50.7*	49.1	12.6	378.1	999.9	99.9	999.9	89.8	79.
49.4	119.0	13798.5	141.0	-56.1	99.9	254.0	45.1*	43.4	12.4	380.1	999.9	99.9	999.9	91.0	79.
49.9	120.0	13981.3	137.0	-56.4	99.9	251.9	35.3*	33.5	10.9	382.7	999.9	99.9	999.9	92.9	79.
50.5	121.0	14121.5	134.0	-56.4	99.9	250.0	28.9*	27.2	9.9	385.1	999.9	99.9	999.9	93.0	79.
50.9	122.0	14265.6	131.0	-56.4	99.9	250.3	35.3*	33.3	11.9	387.6	999.9	99.9	999.9	93.9	79.
51.4	123.0	14462.1	127.0	-57.2	99.9	251.2	46.0*	43.5	14.8	389.6	999.9	99.9	999.9	95.0	79.
52.0	124.0	14613.1	124.0	-57.9	99.9	252.4	48.5*	46.3	14.7	391.1	999.9	99.9	999.9	97.2	79.
52.6	125.0	14767.4	121.0	-58.1	99.9	252.9	36.9*	35.2	10.8	393.5	999.9	99.9	999.9	99.1	79.
53.2	126.0	14979.7	117.0	-57.2	99.9	254.1	37.3*	35.9	10.2	398.9	999.9	99.9	999.9	99.4	79.
53.9	127.0	15143.8	114.0	-57.6	99.9	256.1	47.3*	45.9	11.3	401.2	999.9	99.9	999.9	101.5	79.
54.4	128.0	15312.0	111.0	-58.2	99.9	257.9	40.5*	39.6	8.5	403.0	999.9	99.9	999.9	103.7	79.
55.0	129.0	15483.9	108.0	-59.6	99.9	260.3	33.2*	32.7	5.6	403.6	999.9	99.9	999.9	103.9	79.
55.6	130.0	15660.1	105.0	-59.8	99.9	259.9	46.8*	46.0	8.2	406.6	999.9	99.9	999.9	105.2	79.
56.3	131.0	15841.3	102.0	-59.8	99.9	261.4	53.2*	52.6	8.0	410.0	999.9	99.9	999.9	108.2	79.
56.9	132.0	16027.9	99.0	-59.6	99.9	265.9	42.8*	42.7	3.1	413.8	999.9	99.9	999.9	109.9	79.
57.5	133.0	16220.6	96.0	-59.2	99.9	270.2	31.7*	31.7	-0.1	418.1	999.9	99.9	999.9	111.1	79.
58.1	134.0	16419.6	93.0	-59.1	99.9	265.6	33.8*	33.7	2.6	422.3	999.9	99.9	999.9	112.1	79.
58.7	135.0	16555.9	91.0	-59.1	99.9	263.2	39.7*	39.4	4.7	424.9	999.9	99.9	999.9	113.2	79.
59.2	136.0	16766.0	88.0	-59.4	99.9	265.0	35.3*	35.1	3.1	428.3	999.9	99.9	999.9	115.4	79.
60.0	137.0	17057.1	84.0	-59.6	99.9	264.9	33.1*	33.0	2.9	433.7	999.9	99.9	999.9	115.2	79.
60.7	138.0	17284.4	81.0	-59.9	99.9	263.0	36.6*	36.3	4.5	437.6	999.9	99.9	999.9	118.0	79.
61.5	139.0	17520.1	78.0	-60.1	99.9	266.9	22.9*	22.9	1.3	441.9	999.9	99.9	999.9	119.6	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 327  
NASHVILLE, TENN

6 FEBRUARY 1975  
2319 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.2	140.0	17764.5	75.0	-60.6	99.9	261.6	32.7*	32.3	4.8	445.8	999.9	99.9	999.9	119.2	79.
63.0	141.0	18018.6	72.0	-60.6	99.9	256.6	43.6*	42.4	10.1	451.1	999.9	99.9	999.9	122.8	79.
63.8	142.0	18194.6	70.0	-59.2	99.9	257.4	25.6*	25.0	5.6	457.7	999.9	99.9	999.9	124.0	79.
64.6	143.0	18468.7	67.0	-59.8	99.9	271.3	10.1*	10.1	-0.2	462.3	999.9	99.9	999.9	125.1	79.
65.5	144.0	18755.2	64.0	-59.6	99.9	262.8	18.7*	18.5	2.4	468.8	999.9	99.9	999.9	126.1	79.
66.3	145.0	18953.1	62.0	-61.0	99.9	258.4	35.4*	34.6	7.1	470.0	999.9	99.9	999.9	126.1	79.
67.0	146.0	19260.1	59.0	-62.8	99.9	257.5	38.5*	37.6	8.3	472.7	999.9	99.9	999.9	129.3	79.
67.8	147.0	19581.2	56.0	-63.3	99.9	262.7	23.3*	23.1	3.0	478.5	999.9	99.9	999.9	129.7	79.
68.7	148.0	19804.4	54.0	-64.1	99.9	262.8	21.3*	21.1	2.7	481.8	999.9	99.9	999.9	130.8	79.
69.6	149.0	20154.7	51.0	-63.7	99.9	255.0	34.9*	33.7	9.0	490.6	999.9	99.9	999.9	132.2	79.
70.6	150.0	20525.8	48.0	-64.6	99.9	245.2	10.0*	9.1	4.2	496.9	999.9	99.9	999.9	133.9	79.
71.6	151.0	20786.0	46.0	-64.3	99.9	255.1	17.1*	16.5	4.4	503.9	999.9	99.9	999.9	134.4	79.
72.5	152.0	21058.4	44.0	-63.7	99.9	265.8	4.1*	4.1	0.3	511.8	999.9	99.9	999.9	136.0	79.
73.5	153.0	21491.2	41.0	-64.1	99.9	272.2	22.3*	22.2	-0.9	511.3	999.9	99.9	999.9	135.7	79.
74.5	154.0	21796.7	39.0	-65.2	99.9	263.2	40.9*	40.6	4.9	523.9	999.9	99.9	999.9	139.0	79.
75.5	155.0	22284.2	36.0	-65.2	99.9	273.1	16.2*	16.2	-0.9	538.1	999.9	99.9	999.9	137.4	79.
76.7	156.0	22634.5	34.0	-62.6	99.9	262.9	26.1*	25.9	3.2	553.9	999.9	99.9	999.9	141.9	80.
77.9	157.0	23008.1	32.0	-63.0	99.9	253.5	26.9*	25.8	7.6	562.6	999.9	99.9	999.9	142.0	79.
79.3	158.0	23616.3	29.0	-61.5	99.9	253.9	32.0*	30.7	8.9	582.6	999.9	99.9	999.9	146.0	79.
80.8	159.0	24060.6	27.0	-60.3	99.9	257.5	33.0*	32.2	7.1	598.1	999.9	99.9	999.9	148.8	79.
82.3	160.0	24793.9	24.0	-61.0	99.9	261.3	36.2*	35.8	5.5	616.8	999.9	99.9	999.9	151.2	79.
83.9	161.0	25332.3	22.0	-62.8	99.9	273.4	15.3*	15.3	-0.9	626.7	999.9	99.9	999.9	154.7	79.
85.8	162.0	25918.9	20.0	-63.3	99.9	273.1	3.8*	3.8	-0.2	642.4	999.9	99.9	999.9	155.8	79.
87.7	163.0	26566.5	18.0	-63.3	99.9	262.5	30.1*	29.9	3.9	662.0	999.9	99.9	999.9	157.3	80.
90.0	164.0	27698.9	15.0	-58.9	99.9	283.1	23.3*	22.7	-5.3	712.2	999.9	99.9	999.9	163.5	80.
92.9	165.0	28605.5	13.0	-54.6	99.9	999.9	99.9	99.9	99.9	756.6	999.9	99.9	999.9	999.9	999.

STATION NO. 327  
NASHVILLE, TENN

7 FEBRUARY 1975  
515 GMT

155 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	180.0	999.0	-3.3	-5.3	320.0	6.2	4.0	-4.7	270.3	276.8	2.6	86.0	0.0	0.
0.4	6.0	291.7	985.0	-3.4	-8.1	306.4	6.4	5.2	-3.8	271.2	276.7	2.1	69.9	0.2	165.
0.7	7.0	380.3	974.0	-4.9	-7.9	303.7	6.8	5.7	-3.8	270.5	276.1	2.2	79.6	0.2	153.
1.1	8.0	469.5	963.0	-5.8	-7.8	300.1	7.5	6.5	-3.8	270.5	276.2	2.2	85.9	0.4	141.
1.4	9.0	559.3	952.0	-7.0	-8.2	299.8	7.6	6.6	-3.8	270.1	275.7	2.2	91.3	0.5	134.
1.8	10.0	649.9	941.0	-7.8	-8.4	301.6	7.6	6.4	-4.0	270.3	275.9	2.2	95.3	0.7	131.
2.2	11.0	758.0	928.0	-9.0	-9.0	300.8	7.7	6.6	-3.9	270.2	275.6	2.1	100.3	0.9	129.
2.5	12.0	850.2	917.0	-10.0	-10.0	297.9	7.8	6.9	-3.7	270.0	275.1	2.0	100.2	1.0	128.
2.8	13.0	943.3	906.0	-10.3	-10.3	294.9	7.4	6.7	-3.1	270.7	275.7	1.9	100.7	1.2	127.
3.1	14.0	1028.7	896.0	-10.7	-10.7	293.0	7.2	6.6	-2.8	271.1	276.0	1.9	100.9	1.3	125.
3.4	15.0	1123.7	885.0	-11.6	-11.6	293.6	7.3	6.7	-2.9	271.1	275.8	1.8	100.8	1.4	124.
3.8	16.0	1237.1	872.0	-12.0	-12.0	297.4	7.4	6.5	-3.4	271.8	276.4	1.7	100.7	1.6	123.
4.0	17.0	1325.3	862.0	-12.4	-12.5	299.7	7.4	6.4	-3.7	272.3	276.8	1.7	99.5	1.7	123.
4.4	18.0	1423.5	851.0	-10.4	-10.5	299.4	7.5	6.6	-3.7	275.4	280.8	2.0	99.6	1.9	123.
4.8	19.0	1515.0	841.0	-10.6	-11.0	299.8	8.7	7.5	-4.3	276.2	281.4	2.0	96.7	2.0	122.
5.1	20.0	1607.1	831.0	-10.7	-11.2	300.7	9.5	8.2	-4.8	277.0	282.2	2.0	96.3	2.2	122.
5.5	21.0	1719.0	819.0	-10.8	-11.4	302.8	9.9	8.3	-5.4	278.0	283.2	1.9	95.5	2.5	122.
5.9	22.0	1813.5	809.0	-10.6	-11.2	301.5	10.8	9.2	-5.6	279.3	284.7	2.0	94.8	2.7	122.
6.2	23.0	1909.3	799.0	-10.4	-11.7	299.3	12.5	10.9	-6.1	280.4	285.7	2.0	90.3	2.9	122.
6.5	24.0	2006.4	789.0	-10.4	-11.7	297.2	14.7	13.1	-6.7	281.4	286.8	2.0	89.9	3.1	122.
6.9	25.0	2104.8	779.0	-10.0	-11.0	291.5	15.4	14.3	-5.7	282.9	288.7	2.1	92.1	3.5	121.
7.3	26.0	2214.6	768.0	-9.8	-10.5	285.3	15.5	15.0	-4.1	284.2	290.4	2.2	94.4	3.9	120.
7.6	27.0	2315.7	758.0	-10.4	-12.0	280.6	15.7	15.4	-2.9	284.6	290.2	2.0	88.1	4.1	119.
8.0	28.0	2407.6	749.0	-10.7	-11.1	275.3	16.6	16.5	-1.5	285.3	291.4	2.2	97.1	4.5	117.
8.4	29.0	2511.1	739.0	-10.8	-11.1	271.2	17.9	17.9	-0.4	286.3	292.4	2.2	97.6	4.8	115.
8.7	30.0	2605.3	730.0	-11.3	-13.2	268.9	18.6	18.6	0.4	286.8	292.1	1.9	85.6	5.2	113.
9.0	31.0	2711.1	720.0	-11.7	-14.2	266.9	19.3	19.2	1.0	287.4	292.4	1.8	81.7	5.5	112.
9.3	32.0	2807.4	711.0	-12.5	-14.7	266.3	19.2	19.1	1.2	287.5	292.4	1.7	84.0	5.8	110.
9.7	33.0	2904.6	702.0	-13.3	-15.4	266.7	18.8	18.7	1.1	287.8	292.4	1.6	83.4	6.2	108.
10.0	34.0	3002.8	693.0	-13.7	-16.2	267.8	18.3	18.3	0.7	288.3	292.8	1.6	81.1	6.5	107.
10.3	35.0	3102.1	684.0	-14.4	-18.7	270.1	18.1	18.1	-0.0	288.6	292.3	1.3	69.5	6.8	106.
10.8	36.0	3236.1	672.0	-15.5	-21.9	273.7	18.2	18.1	-1.2	288.8	291.7	1.0	57.6	7.4	105.
11.1	37.0	3337.8	663.0	-16.3	-23.0	275.3	18.5	18.4	-1.7	289.0	291.6	0.9	55.9	7.7	105.
11.4	38.0	3429.0	655.0	-17.1	-25.2	276.2	19.0	18.9	-2.1	289.0	291.3	0.7	49.4	8.0	105.
11.7	39.0	3532.7	646.0	-17.7	-27.5	276.5	19.4	19.2	-2.2	289.5	291.4	0.6	41.9	8.4	104.
12.1	40.0	3637.5	637.0	-18.6	-30.8	276.6	19.7	19.6	-2.3	289.6	291.0	0.5	33.1	8.8	104.
12.5	41.0	3767.2	626.0	-19.4	-34.7	276.4	19.7	19.6	-2.2	290.1	291.1	0.3	24.2	9.3	103.
12.9	42.0	3862.7	618.0	-20.1	-37.4	275.8	20.1	20.0	-2.0	290.4	291.2	0.2	19.6	9.8	103.
13.3	43.0	3971.3	605.0	-20.8	-40.6	275.0	21.2	21.1	-1.8	290.8	291.4	0.2	14.9	10.2	103.
13.6	44.0	4068.9	601.0	-21.6	-41.5	274.4	22.1	22.0	-1.7	291.0	291.5	0.2	14.5	10.6	103.
14.0	45.0	4180.0	592.0	-22.1	-42.9	274.1	23.2	23.2	-1.6	291.6	292.1	0.1	13.0	11.2	102.
14.4	46.0	4279.9	584.0	-22.8	-45.1	274.4	23.6	23.5	-1.8	292.0	292.4	0.1	10.9	11.8	102.
14.7	47.0	4381.0	576.0	-23.2	-45.8	274.7	23.6	23.6	-1.9	292.7	293.0	0.1	10.4	12.2	101.
15.0	48.0	4483.2	568.0	-24.1	-46.0	274.9	23.6	23.5	-2.0	292.7	293.1	0.1	11.1	12.6	101.
15.3	49.0	4586.5	560.0	-24.8	-47.4	274.7	23.9	23.8	-1.9	293.2	293.5	0.1	10.0	13.0	101.

\* BY SPFFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

7 FEBRUARY 1975  
515 GMT

155 42. 0

TIME MIN	CNTCT	HFIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.8	50.0	4691.1	552.0	-25.4	-47.9	274.2	25.1	25.0	-1.8	293.6	293.9	0.1	10.1	13.7	101.
16.2	51.0	4823.5	542.0	-26.2	-48.4	274.2	26.7	26.6	-2.0	294.2	294.5	0.1	10.2	14.3	100.
16.6	52.0	4931.0	534.0	-26.6	-50.3	274.7	28.5	28.4	-2.3	295.0	295.2	0.1	8.6	15.0	100.
16.9	53.0	5039.9	526.0	-26.9	-45.0	275.3	29.5	29.4	-2.7	295.9	296.4	0.1	15.9	15.5	100.
17.3	54.0	5136.5	519.0	-27.5	-44.5	276.2	30.7	30.5	-3.3	296.3	296.7	0.1	17.9	16.2	100.
17.7	55.0	5248.1	511.0	-28.1	-45.2	277.3	31.7	31.4	-4.0	296.9	297.4	0.1	17.5	17.0	100.
18.1	56.0	5375.5	502.0	-28.8	-46.3	278.6	32.4	32.1	-4.8	297.5	297.9	0.1	16.6	17.8	99.
18.4	57.0	5490.3	494.0	-29.4	-47.8	279.5	32.8	32.3	-5.4	298.2	298.6	0.1	14.7	18.4	99.
18.9	58.0	5592.1	487.0	-29.9	-49.2	280.5	34.0	33.5	-6.2	298.8	299.1	0.1	13.2	19.3	100.
19.2	59.0	5709.9	479.0	-31.0	-50.0	280.9	35.3	34.6	-6.7	298.9	299.2	0.1	13.3	19.9	100.
19.6	60.0	5814.1	472.0	-31.9	-50.4	281.0	36.9	36.2	-7.1	299.0	299.3	0.1	13.9	20.8	100.
20.0	61.0	5919.5	465.0	-32.8	-50.8	280.8	37.6	36.9	-7.1	299.2	299.4	0.1	14.5	21.9	100.
20.4	62.0	6041.5	457.0	-33.7	-51.8	280.0	36.7	36.2	-6.4	299.5	299.7	0.1	14.1	22.7	100.
20.8	63.0	6134.0	451.0	-34.6	-52.5	278.9	36.4	36.0	-5.6	299.5	299.7	0.1	14.2	23.5	100.
21.2	64.0	6258.8	443.0	-35.6	-53.2	277.6	36.5	36.2	-4.8	299.8	300.0	0.1	14.3	24.3	100.
21.7	65.0	6369.4	436.0	-36.5	-53.7	276.1	36.2	36.0	-3.9	300.0	300.2	0.1	14.9	25.5	100.
22.1	66.0	6497.5	428.0	-37.6	-54.0	275.3	35.0	34.8	-3.3	300.2	300.4	0.1	15.9	26.5	99.
22.5	67.0	6611.0	421.0	-38.6	-54.6	275.0	33.7	33.5	-2.9	300.3	300.5	0.1	16.5	27.1	99.
22.9	68.0	6709.4	415.0	-39.4	99.9	275.4	34.7	34.5	-3.3	300.6	999.9	99.9	999.9	27.9	99.
23.3	69.0	6825.7	408.0	-40.4	99.9	276.1	36.2	36.0	-3.9	300.8	999.9	99.9	999.9	28.7	99.
23.7	70.0	6943.4	401.0	-41.5	99.9	277.0	36.7	36.5	-4.4	300.9	999.9	99.9	999.9	29.7	99.
24.2	71.0	7079.9	393.0	-42.3	99.9	278.0	35.0	34.7	-4.9	301.5	999.9	99.9	999.9	30.9	99.
24.7	72.0	7183.7	387.0	-43.0	99.9	278.6	32.8	32.4	-4.9	302.0	999.9	99.9	999.9	31.8	99.
25.1	73.0	7289.0	381.0	-43.4	99.9	277.9	32.4	32.1	-4.5	302.8	999.9	99.9	999.9	32.5	99.
25.5	74.0	7413.6	374.0	-44.1	99.9	275.7	33.3	33.1	-3.3	303.4	999.9	99.9	999.9	33.3	99.
25.9	75.0	7521.9	368.0	-45.0	99.9	272.3	35.1	35.0	-1.4	303.7	999.9	99.9	999.9	34.3	99.
26.2	76.0	7631.5	362.0	-45.8	99.9	270.2	37.2	37.2	-0.1	304.0	999.9	99.9	999.9	34.8	99.
26.7	77.0	7742.8	356.0	-45.9	99.9	267.3	41.6	41.6	2.0	305.3	999.9	99.9	999.9	35.8	98.
27.0	78.0	7855.9	350.0	-46.2	99.9	265.9	44.4	44.3	3.2	306.4	999.9	99.9	999.9	36.8	98.
27.5	79.0	7970.7	344.0	-46.5	99.9	263.2	47.6	47.3	5.6	307.5	999.9	99.9	999.9	38.0	98.
27.9	80.0	8087.7	338.0	-45.9	99.9	261.7	49.6	49.1	7.2	309.9	999.9	99.9	999.9	39.2	97.
28.3	81.0	8227.2	331.0	-45.2	99.9	261.4	51.7	51.2	7.8	312.7	999.9	99.9	999.9	40.4	97.
28.7	82.0	8349.1	325.0	-46.1	99.9	261.8	54.1	53.6	7.7	313.2	999.9	99.9	999.9	41.6	96.
29.1	83.0	8472.8	319.0	-46.9	99.9	262.5	56.8	56.3	7.4	313.6	999.9	99.9	999.9	42.8	96.
29.4	84.0	8577.4	314.0	-46.9	99.9	262.7	59.0	58.5	7.5	315.1	999.9	99.9	999.9	43.8	95.
29.9	85.0	8705.2	308.0	-47.2	99.9	261.6	60.9*	60.2	8.9	316.4	999.9	99.9	999.9	45.7	95.
30.3	86.0	8857.1	301.0	-47.8	99.9	259.9	59.9*	59.0	10.5	317.7	999.9	99.9	999.9	47.2	95.
30.8	87.0	8967.6	296.0	-48.1	99.9	258.0	57.8*	56.6	12.0	318.8	999.9	99.9	999.9	48.9	94.
31.1	88.0	9079.9	291.0	-48.0	99.9	257.4	57.2*	55.8	12.5	320.6	999.9	99.9	999.9	49.8	94.
31.6	89.0	9217.2	285.0	-48.4	99.9	257.7	58.1*	56.8	12.4	321.8	999.9	99.9	999.9	51.3	93.
31.9	90.0	9333.7	280.0	-48.7	99.9	258.5	58.6*	57.4	11.7	323.1	999.9	99.9	999.9	52.5	93.
32.4	91.0	9452.0	275.0	-49.1	99.9	259.7	57.2*	56.3	10.3	324.1	999.9	99.9	999.9	54.3	92.
32.8	92.0	9572.4	270.0	-49.3	99.9	260.2	56.4*	55.6	9.6	325.6	999.9	99.9	999.9	55.5	92.
33.2	93.0	9695.0	265.0	-49.3	99.9	260.2	57.2*	56.4	9.7	327.3	999.9	99.9	999.9	56.7	92.
33.6	94.0	9819.9	260.0	-49.3	99.9	259.7	58.8*	57.9	10.5	329.1	999.9	99.9	999.9	58.0	92.

\* BY SPFFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

7 FEBRUARY 1975  
515 GMT

155 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.0	95.0	9947.2	255.0	-49.4	99.9	258.9	59.1*	58.0	11.3	330.7	999.9	99.9	999.9	59.8	91.
34.5	96.0	10102.9	249.0	-50.3	99.9	258.3	56.1*	55.0	11.4	331.7	999.9	99.9	999.9	61.4	91.
35.0	97.0	10235.0	244.0	-51.4	99.9	259.1	54.7*	53.7	10.3	332.0	999.9	99.9	999.9	62.8	91.
35.5	98.0	10369.6	239.0	-50.9	99.9	260.7	53.9*	53.2	8.7	334.7	999.9	99.9	999.9	64.4	90.
35.9	99.0	10479.6	235.0	-50.5	99.9	261.2	51.9*	51.3	7.9	337.0	999.9	99.9	999.9	66.2	90.
36.4	100.0	10620.3	230.0	-49.1	99.9	260.4	48.7*	48.1	8.1	341.1	999.9	99.9	999.9	66.8	90.
36.9	101.0	10764.8	225.0	-48.3	99.9	257.7	44.0*	43.0	9.4	344.6	999.9	99.9	999.9	69.3	90.
37.3	102.0	10883.0	221.0	-48.1	99.9	255.5	42.4*	41.1	10.6	346.6	999.9	99.9	999.9	69.6	89.
37.7	103.0	11033.6	216.0	-48.8	99.9	254.7	44.4*	42.8	11.7	347.7	999.9	99.9	999.9	70.2	89.
38.1	104.0	11156.1	212.0	-50.0	99.9	254.9	47.9*	46.3	12.5	347.7	999.9	99.9	999.9	71.6	89.
38.6	105.0	11280.3	208.0	-50.9	99.9	254.8	46.7*	45.1	12.3	348.2	999.9	99.9	999.9	73.3	89.
39.0	106.0	11438.4	203.0	-51.8	99.9	254.6	41.6*	40.1	11.0	349.2	999.9	99.9	999.9	74.9	88.
39.4	107.0	11567.1	199.0	-52.9	99.9	256.8	42.1*	41.0	9.6	349.5	999.9	99.9	999.9	74.4	88.
39.8	108.0	11698.1	195.0	-52.7	99.9	258.8	45.2*	44.3	8.8	351.8	999.9	99.9	999.9	76.0	88.
40.1	109.0	11831.2	191.0	-53.1	99.9	259.7	47.4*	46.7	8.4	353.4	999.9	99.9	999.9	77.3	88.
40.6	110.0	11968.2	187.0	-53.2	99.9	260.0	48.8*	48.1	8.5	355.3	999.9	99.9	999.9	78.3	88.
41.1	111.0	12107.5	183.0	-53.4	99.9	260.0	49.0*	48.3	8.5	357.2	999.9	99.9	999.9	79.6	88.
41.6	112.0	12249.7	179.0	-53.5	99.9	260.1	46.7*	46.0	8.0	359.2	999.9	99.9	999.9	81.2	88.
42.0	113.0	12395.1	175.0	-53.5	99.9	260.3	43.5*	42.9	7.3	361.6	999.9	99.9	999.9	81.9	88.
42.4	114.0	12506.3	172.0	-53.7	99.9	260.6	42.2*	41.6	6.9	363.1	999.9	99.9	999.9	83.4	88.
42.9	115.0	12657.6	168.0	-53.7	99.9	260.7	42.1*	41.5	6.8	365.6	999.9	99.9	999.9	84.6	87.
43.4	116.0	12851.6	163.0	-54.2	99.9	260.8	44.4*	43.8	7.1	367.9	999.9	99.9	999.9	85.8	87.
43.8	117.0	12970.6	160.0	-54.5	99.9	261.0	47.7*	47.2	7.4	369.4	999.9	99.9	999.9	86.8	87.
44.1	118.0	13132.7	156.0	-54.8	99.9	261.0	50.3*	49.6	7.9	371.5	999.9	99.9	999.9	87.7	87.
44.6	119.0	13256.7	153.0	-55.4	99.9	260.0	53.0*	52.2	9.2	372.5	999.9	99.9	999.9	89.5	87.
45.0	120.0	13383.0	150.0	-55.4	99.9	258.4	53.7*	52.6	10.8	374.6	999.9	99.9	999.9	90.3	87.
45.4	121.0	13555.5	146.0	-55.1	99.9	256.4	51.1*	49.6	12.0	378.1	999.9	99.9	999.9	92.2	87.
45.9	122.0	13688.0	143.0	-55.6	99.9	254.7	47.3*	45.6	12.5	379.5	999.9	99.9	999.9	93.5	87.
46.2	123.0	13822.9	140.0	-56.1	99.9	255.1	48.0*	46.4	12.3	380.9	999.9	99.9	999.9	94.1	87.
46.7	124.0	13960.5	137.0	-56.4	99.9	257.2	52.6*	51.3	11.7	382.7	999.9	99.9	999.9	95.3	86.
47.1	125.0	14148.4	133.0	-57.1	99.9	258.8	55.4*	54.3	10.8	384.8	999.9	99.9	999.9	96.8	86.
47.7	126.0	14292.7	130.0	-57.2	99.9	260.0	50.9*	50.1	8.8	387.0	999.9	99.9	999.9	99.2	86.
48.2	127.0	14440.3	127.0	-57.6	99.9	260.1	47.3*	46.6	8.1	389.0	999.9	99.9	999.9	100.0	86.
48.6	128.0	14591.0	124.0	-58.2	99.9	259.7	45.3*	44.5	8.1	390.5	999.9	99.9	999.9	101.7	86.
49.0	129.0	14745.0	121.0	-58.7	99.9	259.0	40.4*	39.6	7.7	392.3	999.9	99.9	999.9	102.7	86.
49.4	130.0	14902.6	118.0	-58.9	99.9	259.0	34.5*	33.9	6.6	394.8	999.9	99.9	999.9	103.7	86.
49.9	131.0	15064.1	115.0	-59.1	99.9	260.1	32.4*	31.9	5.6	397.4	999.9	99.9	999.9	103.1	86.
50.4	132.0	15229.8	112.0	-59.3	99.9	261.7	32.2*	31.9	4.7	400.1	999.9	99.9	999.9	105.7	86.
50.8	133.0	15399.7	109.0	-60.0	99.9	263.2	31.7*	31.5	3.8	401.9	999.9	99.9	999.9	106.2	86.
51.2	134.0	15515.2	107.0	-60.3	99.9	264.6	32.7*	32.6	3.1	403.4	999.9	99.9	999.9	106.6	86.
51.7	135.0	15692.5	104.0	-60.3	99.9	265.5	36.3*	36.1	2.8	406.6	999.9	99.9	999.9	107.8	86.
52.1	136.0	15874.9	101.0	-60.5	99.9	265.7	38.8*	38.7	2.9	409.7	999.9	99.9	999.9	108.8	86.
52.7	137.0	16062.7	98.0	-60.7	99.9	265.7	41.7*	41.5	3.1	412.9	999.9	99.9	999.9	110.2	86.
53.2	138.0	16256.3	95.0	-60.5	99.9	265.6	44.6*	44.5	3.4	417.0	999.9	99.9	999.9	111.3	86.
53.7	139.0	16388.8	93.0	-60.7	99.9	265.0	40.9*	40.7	3.6	419.2	999.9	99.9	999.9	113.0	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

7 FEBRUARY 1975  
515 GMT

155 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
54.2	140.0	16661.8	89.0	-61.5	99.9	262.9	29.5*	29.3	3.7	422.7	999.9	99.9	999.9	114.6	86.
54.8	141.0	16802.5	87.0	-62.1	99.9	260.7	24.7*	24.4	4.0	424.3	999.9	99.9	999.9	114.2	86.
55.4	142.0	17019.3	84.0	-62.5	99.9	263.3	31.1*	30.9	3.6	427.9	999.9	99.9	999.9	116.1	86.
55.9	143.0	17243.7	81.0	-62.5	99.9	264.9	32.2*	32.1	2.8	432.4	999.9	99.9	999.9	116.7	86.
56.5	144.0	17477.2	78.0	-61.5	95.9	265.2	31.1*	31.0	2.6	438.9	999.9	99.9	999.9	117.9	86.
57.1	145.0	17638.2	76.0	-61.4	99.9	261.3	28.7*	28.4	4.3	442.6	999.9	99.9	999.9	119.0	86.
57.7	146.0	17888.9	73.0	-60.0	99.9	249.2	21.0*	19.7	7.5	450.7	999.9	99.9	999.9	119.9	86.
58.3	147.0	18062.9	71.0	-58.7	99.9	219.9	12.0*	7.7	9.2	456.9	999.9	99.9	999.9	121.3	85.
58.9	148.0	18333.7	68.0	-59.3	99.9	241.4	20.7*	18.2	9.9	461.4	999.9	99.9	999.9	119.0	85.
59.5	149.0	18520.0	66.0	-61.0	99.9	256.8	50.7*	49.4	11.6	461.6	999.9	99.9	999.9	121.8	85.
60.1	150.0	18808.7	63.0	-61.5	99.9	257.8	54.1*	52.9	11.5	466.6	999.9	99.9	999.9	124.6	85.
60.8	151.0	19008.5	61.0	-61.9	95.9	257.8	43.5*	42.5	9.2	470.1	999.9	99.9	999.9	125.8	85.
61.5	152.0	19321.0	58.0	-61.2	99.9	255.3	23.5*	22.8	6.0	478.6	999.9	99.9	999.9	128.2	85.
62.1	153.0	19538.8	56.0	-61.4	99.9	233.4	7.9*	6.3	4.7	483.0	999.9	99.9	999.9	127.9	85.
62.8	154.0	19763.8	54.0	-62.5	99.9	222.9	7.2*	4.9	5.3	485.5	999.9	99.9	999.9	128.1	85.
63.5	155.0	19995.8	52.0	-64.1	99.9	243.7	9.8*	8.8	4.4	486.9	999.9	99.9	999.9	128.1	84.
64.2	156.0	20360.1	49.0	-63.6	99.9	264.5	26.2	26.1	2.5	496.6	999.9	99.9	999.9	128.8	84.
65.1	157.0	20615.7	47.0	-63.9	99.9	999.9	99.9	99.9	99.9	501.6	999.9	99.9	999.9	999.9	999.
65.9	158.0	21021.2	44.0	-62.6	95.9	999.9	99.9	99.9	99.9	514.4	999.9	99.9	999.9	999.9	999.
66.2	159.0	21307.8	42.0	-63.0	95.9	999.9	99.9	99.9	99.9	520.3	999.9	99.9	999.9	999.9	999.

STATION NO. 327  
NASHVILLE, TENN

7 FEBRUARY 1975  
1115 GMT

162 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	180.0	1001.6	-6.5	-10.5	340.0	3.6	1.2	-3.4	266.7	271.2	1.7	73.0	0.0	0.
0.2	5.0	216.0	997.0	-6.5	-10.5	316.7	5.3	3.6	-3.8	267.1	271.6	1.7	73.2	0.1	146.
0.7	6.0	334.1	982.0	-8.3	-12.2	312.4	5.5	4.0	-3.7	266.5	270.4	1.5	72.9	0.2	143.
1.0	7.0	429.4	970.0	-9.1	-12.1	306.6	5.8	4.7	-3.5	266.5	270.5	1.6	79.1	0.3	141.
1.4	8.0	525.6	958.0	-10.0	-11.8	300.0	6.6	5.7	-3.3	266.6	270.8	1.6	86.6	0.4	133.
1.7	9.0	622.7	946.0	-11.0	-11.9	296.9	6.9	6.1	-3.1	266.5	270.7	1.6	92.9	0.6	130.
2.0	10.0	712.4	935.0	-12.0	-12.6	294.3	7.0	6.4	-2.9	266.4	270.4	1.5	95.2	0.7	128.
2.4	11.0	827.7	921.0	-13.0	-13.0	287.0	7.1	6.8	-2.1	266.5	270.5	1.5	100.0	0.8	124.
2.7	12.0	927.5	909.0	-14.0	-14.0	286.5	7.2	6.9	-2.1	266.5	270.2	1.4	99.6	1.0	121.
3.1	13.0	1019.9	898.0	-14.5	-14.9	290.9	7.2	6.7	-2.6	266.9	270.4	1.3	97.5	1.1	119.
3.4	14.0	1113.5	887.0	-13.4	-27.5	298.8	6.8	6.0	-3.3	268.8	270.1	0.4	29.2	1.3	119.
3.7	15.0	1217.2	875.0	-13.3	-27.0	303.6	7.0	5.8	-3.9	270.0	271.4	0.5	30.2	1.4	119.
4.2	16.0	1331.1	862.0	-13.8	-27.1	303.3	8.7	7.3	-4.8	270.6	272.0	0.5	31.5	1.6	120.
4.5	17.0	1428.7	851.0	-13.6	-26.0	300.0	10.6	9.2	-5.3	271.9	273.4	0.5	34.0	1.8	121.
4.8	18.0	1527.6	840.0	-13.7	-24.9	296.6	11.4	10.2	-5.1	272.8	274.5	0.6	38.2	2.0	120.
5.2	19.0	1628.0	829.0	-12.9	-15.5	293.7	12.1	11.1	-4.9	274.8	278.5	1.4	80.5	2.3	119.
5.6	20.0	1730.0	818.0	-12.6	-15.5	292.5	12.7	11.8	-4.9	276.1	280.0	1.4	78.9	2.5	119.
5.9	21.0	1843.0	806.0	-12.0	-15.2	292.5	13.7	12.7	-5.2	277.9	281.9	1.5	77.1	2.6	118.
6.3	22.0	1948.1	795.0	-12.6	-16.2	292.9	14.1	13.0	-5.5	278.4	282.1	1.4	74.0	3.1	117.
6.6	23.0	2054.6	784.0	-12.2	-29.6	293.2	14.0	12.9	-5.5	279.8	281.1	0.4	21.7	3.4	117.
7.0	24.0	2152.8	774.0	-11.7	-33.0	293.6	13.1	12.0	-5.2	281.3	282.2	0.3	15.1	3.7	117.
7.4	25.0	2252.5	764.0	-11.3	-26.1	292.2	14.6	13.5	-5.5	282.9	284.6	0.6	28.0	4.0	117.
7.9	26.0	2384.2	751.0	-11.4	-22.7	292.2	16.2	15.0	-6.1	284.1	286.5	0.8	38.6	4.5	116.
8.2	27.0	2486.8	741.0	-12.0	-23.3	292.9	17.0	15.6	-6.6	284.6	286.9	0.8	38.3	4.8	116.
8.5	28.0	2590.7	731.0	-12.6	-31.8	293.7	17.6	16.1	-7.1	285.0	286.1	0.4	18.1	5.1	115.
8.9	29.0	2696.0	721.0	-11.9	-32.4	294.5	17.8	16.2	-7.4	286.9	288.0	0.3	16.1	5.6	115.
9.3	30.0	2802.8	711.0	-12.3	-32.2	294.4	18.3	16.7	-7.6	287.6	288.7	0.4	17.1	6.0	115.
9.7	31.0	2900.1	702.0	-12.4	-31.7	294.3	18.9	17.2	-7.8	288.5	289.7	0.4	18.1	6.4	115.
10.1	32.0	3009.6	692.0	-13.1	-32.0	294.8	19.5	17.7	-8.2	288.9	290.1	0.4	18.6	6.9	115.
10.4	33.0	3120.3	682.0	-14.0	-30.1	296.0	19.7	17.7	-8.6	289.2	290.6	0.5	23.9	7.3	115.
10.8	34.0	3221.0	673.0	-14.8	-29.4	297.5	20.0	17.8	-9.3	289.3	290.9	0.5	27.4	7.7	115.
11.1	35.0	3334.2	663.0	-15.4	-29.5	297.9	20.5	18.1	-9.6	290.0	291.5	0.5	28.5	8.0	115.
11.6	36.0	3460.3	652.0	-16.3	-30.2	295.7	21.9	19.8	-9.5	290.3	291.7	0.5	28.9	8.7	116.
11.9	37.0	3564.7	643.0	-17.2	-31.2	293.3	22.9	21.0	-9.0	290.5	291.8	0.4	28.2	9.1	116.
12.3	38.0	3658.6	635.0	-17.2	-31.4	290.2	23.6	22.1	-8.1	291.5	292.9	0.4	27.5	9.7	115.
12.7	39.0	3789.5	624.0	-17.8	-32.3	287.7	23.8	22.6	-7.2	292.2	293.5	0.4	26.8	10.3	115.
13.0	40.0	3898.1	615.0	-18.4	-32.5	286.0	23.7	22.8	-6.5	292.8	294.1	0.4	27.5	10.7	115.
13.4	41.0	4032.5	604.0	-19.5	-33.2	285.2	23.6	22.8	-6.2	293.0	294.3	0.4	28.3	11.2	114.
13.8	42.0	4143.9	595.0	-20.1	-33.8	285.6	24.1	23.2	-6.5	293.5	294.7	0.4	28.3	11.8	114.
14.2	43.0	4244.1	587.0	-21.1	-34.5	286.5	25.5	24.4	-7.2	293.6	294.7	0.3	28.7	12.3	113.
14.5	44.0	4358.0	578.0	-21.9	-34.6	287.2	26.9	25.7	-8.0	293.9	295.0	0.3	30.3	12.7	113.
14.8	45.0	4460.4	570.0	-22.8	-34.8	286.6	28.2	27.0	-8.0	294.0	295.1	0.3	32.2	13.3	113.
15.2	46.0	4577.0	561.0	-23.5	-34.9	285.0	28.9	27.9	-7.5	294.6	295.7	0.3	33.9	14.1	113.
15.5	47.0	4695.1	552.0	-24.3	-36.6	283.1	28.6	27.9	-6.5	295.0	295.9	0.3	30.7	14.7	112.
15.9	48.0	4801.4	544.0	-24.9	-37.3	279.8	27.3	26.9	-4.7	295.4	296.3	0.3	30.4	15.2	112.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

7 FEBRUARY 1975  
1115 GMT

162 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.3	49.0	4908.9	536.0	-26.0	-38.1	277.3	26.8	26.6	-3.4	295.4	296.2	0.3	30.7	15.8	111.
16.7	50.0	5031.2	527.0	-27.1	-38.8	276.1	26.8	26.6	-2.9	295.6	296.4	0.2	31.6	16.4	111.
17.1	51.0	5169.1	517.0	-27.8	-39.4	276.5	27.2	27.0	-3.1	296.2	297.0	0.2	31.9	17.0	110.
17.4	52.0	5281.0	509.0	-28.8	-39.9	277.5	27.4	27.2	-3.6	296.4	297.2	0.2	33.1	17.6	110.
17.8	53.0	5379.9	502.0	-30.0	-40.8	279.1	27.8	27.5	-4.4	296.2	296.9	0.2	33.6	18.2	109.
18.2	54.0	5508.6	493.0	-30.6	-41.7	280.4	28.2	27.7	-5.1	296.9	297.5	0.2	32.5	18.8	109.
18.6	55.0	5610.0	486.0	-31.3	-42.2	280.9	28.5	28.0	-5.4	297.3	297.9	0.2	32.8	19.5	109.
19.1	56.0	5757.0	476.0	-32.3	-42.9	280.0	28.5	28.1	-5.0	297.7	298.3	0.2	33.8	20.4	108.
19.6	57.0	5876.4	468.0	-33.0	-42.8	278.3	29.0	28.7	-4.2	298.4	299.0	0.2	36.4	21.2	108.
20.0	58.0	5982.2	461.0	-33.9	-42.7	277.1	29.7	29.5	-3.7	298.5	299.1	0.2	40.3	21.9	108.
20.4	59.0	6104.7	453.0	-34.7	-43.2	276.3	30.6	30.4	-3.4	299.0	299.6	0.2	41.2	22.6	107.
20.9	60.0	6213.3	446.0	-35.5	-44.0	275.7	31.8	31.6	-3.2	299.3	299.9	0.2	41.0	23.6	107.
21.3	61.0	6323.2	439.0	-36.6	-45.1	275.4	33.0	32.9	-3.1	299.3	299.8	0.2	40.6	24.3	107.
21.8	62.0	6450.4	431.0	-37.4	-46.3	274.9	34.5	34.4	-3.0	299.9	300.3	0.1	38.5	25.3	106.
22.1	63.0	6563.3	424.0	-38.2	-47.2	274.4	35.2	35.1	-2.7	300.2	300.7	0.1	37.9	26.0	106.
22.6	64.0	6677.6	417.0	-39.3	99.9	273.1	35.8	35.7	-1.9	300.3	999.9	99.9	999.9	26.9	105.
23.0	65.0	6793.3	410.0	-40.4	99.9	271.8	35.8	35.8	-1.1	300.4	999.9	99.9	999.9	27.9	105.
23.5	66.0	6961.2	400.0	-41.5	99.9	270.5	35.5	35.5	-0.3	301.1	999.9	99.9	999.9	28.8	104.
23.9	67.0	7080.8	393.0	-42.5	99.9	269.3	35.0	35.0	0.4	301.3	999.9	99.9	999.9	29.7	104.
24.3	68.0	7201.9	386.0	-43.6	99.9	267.9	34.6	34.6	1.3	301.4	999.9	99.9	999.9	30.5	104.
24.8	69.0	7307.0	380.0	-44.6	99.9	266.5	34.7	34.6	2.1	301.5	999.9	99.9	999.9	31.4	103.
25.2	70.0	7431.2	373.0	-45.7	99.9	266.0	35.2	35.2	2.5	301.6	999.9	99.9	999.9	32.2	103.
25.7	71.0	7575.5	365.0	-46.1	99.9	266.0	36.0	35.9	2.5	302.9	999.9	99.9	999.9	33.3	102.
26.1	72.0	7704.1	358.0	-47.0	99.9	266.5	36.2	36.2	2.2	303.4	999.9	99.9	999.9	34.1	102.
26.6	73.0	7815.8	352.0	-47.7	99.9	267.9	37.0	37.0	1.4	303.9	999.9	99.9	999.9	35.2	101.
27.0	74.0	7929.3	346.0	-47.9	99.9	269.4	38.4	38.4	0.4	305.2	999.9	99.9	999.9	35.9	101.
27.4	75.0	8064.2	339.0	-47.9	99.9	270.3	39.3	39.3	-0.2	307.0	999.9	99.9	999.9	37.0	101.
27.9	76.0	8182.0	333.0	-48.0	99.9	270.4	39.1	39.1	-0.3	308.3	999.9	99.9	999.9	38.2	100.
28.3	77.0	8301.9	327.0	-48.0	99.9	270.4	38.9	38.9	-0.3	310.0	999.9	99.9	999.9	39.1	100.
28.9	78.0	8423.9	321.0	-48.3	99.9	271.0	39.0	39.0	-0.7	311.2	999.9	99.9	999.9	40.4	100.
29.4	79.0	8548.0	315.0	-48.9	99.9	272.0	38.5	38.5	-1.3	312.1	999.9	99.9	999.9	41.8	100.
29.8	80.0	8674.3	309.0	-49.1	99.9	272.6	38.4	38.4	-1.7	313.6	999.9	99.9	999.9	42.5	99.
30.3	81.0	8824.7	302.0	-49.1	99.9	272.5	39.9	39.9	-1.8	315.6	999.9	99.9	999.9	43.7	99.
30.9	82.0	8956.4	296.0	-49.2	99.9	271.0	42.7	42.7	-0.8	317.2	999.9	99.9	999.9	45.0	99.
31.3	83.0	9090.7	290.0	-49.2	99.9	269.9	43.1	43.1	0.1	319.1	999.9	99.9	999.9	46.2	99.
31.8	84.0	9204.7	285.0	-49.5	99.9	269.1	42.5	42.5	0.7	320.3	999.9	99.9	999.9	47.5	99.
32.3	85.0	9344.1	279.0	-49.5	99.9	269.1	42.4	42.4	0.7	322.2	999.9	99.9	999.9	48.7	98.
32.8	86.0	9510.8	272.0	-49.1	99.9	269.1	44.1*	44.1	0.7	325.2	999.9	99.9	999.9	49.9	98.
33.4	87.0	9632.7	267.0	-48.6	99.9	268.9	45.5*	45.5	0.9	327.6	999.9	99.9	999.9	51.6	98.
33.9	88.0	9782.4	261.0	-48.0	99.9	268.3	44.6*	44.6	1.4	330.6	999.9	99.9	999.9	53.0	98.
34.4	89.0	9910.0	256.0	-47.9	99.9	267.1	43.6*	43.6	2.2	332.6	999.9	99.9	999.9	54.2	97.
34.9	90.0	10039.9	251.0	-48.5	99.9	266.1	42.2*	42.1	2.9	333.7	999.9	99.9	999.9	55.5	97.
35.3	91.0	10172.2	246.0	-48.9	99.9	265.6	40.3*	40.2	3.1	334.9	999.9	99.9	999.9	56.6	97.
35.8	92.0	10307.0	241.0	-49.3	99.9	265.0	39.0*	38.8	3.4	336.2	999.9	99.9	999.9	57.6	97.
36.3	93.0	10444.1	236.0	-50.4	99.9	264.6	40.7*	40.5	3.8	336.7	999.9	99.9	999.9	58.7	96.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

7 FEBRUARY 1975  
1115 GMT

162 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.9	94.0	10583.7	231.0	-50.7	99.9	265.7	44.3*	44.2	3.4	338.3	999.9	99.9	999.9	60.2	96.
37.3	95.0	10697.7	227.0	-49.9	99.9	267.4	46.0*	46.0	2.1	341.1	999.9	99.9	999.9	61.3	96.
38.0	96.0	10872.8	221.0	-50.1	99.9	269.7	48.1*	48.1	0.3	343.5	999.9	99.9	999.9	63.2	96.
38.5	97.0	11022.6	216.0	-49.3	99.9	269.3	46.6*	46.6	0.5	346.9	999.9	99.9	999.9	64.8	96.
39.0	98.0	11175.8	211.0	-50.1	99.9	268.4	41.1*	41.1	1.1	348.1	999.9	99.9	999.9	66.3	95.
39.4	99.0	11300.7	207.0	-50.9	99.9	268.5	39.0*	39.0	1.0	348.8	999.9	99.9	999.9	67.1	95.
39.9	100.0	11427.6	203.0	-51.3	99.9	269.7	43.7*	43.7	0.2	350.0	999.9	99.9	999.9	67.9	95.
40.5	101.0	11622.8	197.0	-50.7	99.9	270.6	52.3*	52.3	-0.6	354.0	999.9	99.9	999.9	69.7	95.
41.0	102.0	11756.5	193.0	-50.6	99.9	270.1	48.4*	48.4	-0.1	356.3	999.9	99.9	999.9	72.0	95.
41.4	103.0	11892.9	189.0	-51.0	99.9	269.0	42.1*	42.1	0.7	357.8	999.9	99.9	999.9	72.7	95.
42.1	104.0	12031.8	185.0	-51.9	99.9	267.6	41.5*	41.4	1.7	358.5	999.9	99.9	999.9	73.9	95.
42.5	105.0	12173.4	181.0	-52.1	99.9	266.8	43.1*	43.1	2.4	360.5	999.9	99.9	999.9	75.3	95.
43.1	106.0	12317.9	177.0	-52.7	99.9	263.2	36.0*	35.8	4.3	361.7	999.9	99.9	999.9	77.0	94.
43.7	107.0	12465.4	173.0	-53.2	99.9	261.0	38.3*	37.8	6.0	363.3	999.9	99.9	999.9	77.6	94.
44.3	108.0	12616.0	169.0	-53.5	99.9	263.8	52.2*	51.8	5.7	365.3	999.9	99.9	999.9	79.0	94.
44.9	109.0	12769.9	165.0	-54.1	99.9	266.2	51.5*	51.4	3.4	366.7	999.9	99.9	999.9	82.1	94.
45.4	110.0	12927.2	161.0	-54.4	99.9	267.4	42.6*	42.5	2.0	368.7	999.9	99.9	999.9	82.7	94.
46.1	111.0	13088.2	157.0	-54.9	99.9	267.5	42.3*	42.2	1.8	370.6	999.9	99.9	999.9	84.5	94.
46.6	112.0	13253.1	153.0	-55.1	99.9	266.8	44.4*	44.3	2.5	373.1	999.9	99.9	999.9	85.7	93.
47.1	113.0	13422.4	149.0	-54.9	99.9	265.0	41.6*	41.4	3.6	376.2	999.9	99.9	999.9	87.4	93.
47.7	114.0	13552.3	146.0	-55.3	99.9	263.0	40.0*	39.7	4.9	377.8	999.9	99.9	999.9	88.4	93.
48.2	115.0	13684.5	143.0	-56.2	99.9	263.2	41.0*	40.7	4.8	378.3	999.9	99.9	999.9	89.6	93.
48.9	116.0	13910.2	138.0	-57.1	99.9	262.9	36.4*	36.1	4.5	380.7	999.9	99.9	999.9	91.6	93.
49.5	117.0	14049.2	135.0	-57.4	99.9	259.6	35.7*	35.1	6.5	382.5	999.9	99.9	999.9	92.5	93.
50.1	118.0	14191.0	132.0	-57.9	99.9	260.5	47.2*	46.6	7.8	384.1	999.9	99.9	999.9	93.7	92.
50.6	119.0	14335.8	129.0	-58.6	99.9	262.6	52.4*	52.0	6.7	385.4	999.9	99.9	999.9	95.6	92.
51.1	120.0	14483.6	126.0	-58.8	99.9	264.6	49.0*	48.8	4.6	387.7	999.9	99.9	999.9	97.4	92.
51.7	121.0	14634.8	123.0	-58.9	99.9	266.3	44.4*	44.3	2.9	390.1	999.9	99.9	999.9	98.6	92.
52.2	122.0	14842.2	119.0	-59.1	99.9	265.6	40.0*	39.9	3.0	393.5	999.9	99.9	999.9	100.2	92.
52.7	123.0	15001.8	116.0	-60.4	99.9	262.8	32.9*	32.6	4.1	394.1	999.9	99.9	999.9	101.5	92.
53.2	124.0	15164.9	113.0	-61.1	99.9	261.1	31.3*	30.9	4.8	395.7	999.9	99.9	999.9	101.8	92.
53.7	125.0	15275.5	111.0	-62.4	99.9	262.8	38.7*	38.3	4.8	395.3	999.9	99.9	999.9	102.7	92.
54.3	126.0	15501.5	107.0	-63.5	99.9	264.0	44.6*	44.4	4.7	397.3	999.9	99.9	999.9	104.7	92.
54.9	127.0	15675.9	104.0	-64.1	99.9	264.0	40.6*	40.3	4.3	399.5	999.9	99.9	999.9	106.3	92.
55.6	128.0	15794.9	102.0	-63.9	99.9	266.1	41.9*	41.8	2.9	402.1	999.9	99.9	999.9	107.4	91.
56.3	129.0	15977.7	99.0	-64.2	99.9	268.3	46.6*	46.6	1.4	404.8	999.9	99.9	999.9	109.6	91.
57.0	130.0	16166.8	96.0	-62.5	99.9	271.0	36.6*	36.6	-0.7	411.7	999.9	99.9	999.9	112.1	91.
57.4	131.0	16362.6	93.0	-62.7	99.9	273.9	20.4*	20.3	-1.4	415.1	999.9	99.9	999.9	112.6	91.
58.3	132.0	16496.7	91.0	-62.4	99.9	271.9	23.1*	23.1	-0.7	418.4	999.9	99.9	999.9	113.1	91.
58.8	133.0	16704.2	88.0	-61.3	99.9	268.5	27.1*	27.1	0.7	424.6	999.9	99.9	999.9	114.2	91.
59.4	134.0	16847.1	86.0	-60.7	99.9	263.0	27.6*	27.4	3.4	428.5	999.9	99.9	999.9	115.3	91.
59.9	135.0	17068.1	83.0	-60.5	99.9	261.8	31.6*	31.2	4.5	433.3	999.9	99.9	999.9	115.5	91.
60.6	136.0	17220.2	81.0	-60.0	99.9	264.0	37.6*	37.4	3.9	437.4	999.9	99.9	999.9	117.7	91.
61.4	137.0	17455.6	78.0	-60.5	99.9	261.7	34.8*	34.4	5.0	441.0	999.9	99.9	999.9	119.2	91.
62.1	138.0	17699.2	75.0	-61.6	99.9	258.1	28.9*	28.2	6.0	443.7	999.9	99.9	999.9	120.7	91.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 327  
NASHVILLE, TENN

7 FEBRUARY 1975  
1115 GMT

162 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.9	139.0	17865.9	73.0	-63.5	99.9	250.5	12.4*	11.7	4.1	443.2	999.9	99.9	999.9	121.9	91.
63.6	140.0	18123.5	70.0	-63.7	99.9	239.1	7.9*	6.7	4.0	448.2	999.9	99.9	999.9	121.7	91.
64.3	141.0	18301.6	68.0	-63.1	99.9	257.7	26.5*	25.9	5.6	453.2	999.9	99.9	999.9	121.9	91.
65.1	142.0	18578.6	65.0	-64.1	99.9	263.9	37.7*	37.5	4.0	457.0	999.9	99.9	999.9	124.6	90.
65.9	143.0	18769.9	63.0	-64.4	99.9	266.8	41.3*	41.3	2.3	460.2	999.9	99.9	999.9	126.0	90.
66.7	144.0	19068.4	60.0	-64.1	99.9	275.4	30.3*	30.2	-2.9	467.5	999.9	99.9	999.9	128.0	90.
67.4	145.0	19277.3	58.0	-61.6	99.9	292.2	12.0*	11.1	-4.5	477.6	999.9	99.9	999.9	129.3	90.
68.3	146.0	19494.6	56.0	-61.8	99.9	272.3	33.6*	33.6	-1.3	482.0	999.9	99.9	999.9	128.9	91.
69.1	147.0	19835.2	53.0	-62.2	99.9	263.8	26.4*	26.2	2.8	488.8	999.9	99.9	999.9	132.5	91.
70.1	148.0	20072.4	51.0	-63.1	99.9	251.1	19.0*	17.9	6.1	492.0	999.9	99.9	999.9	131.4	90.
71.0	149.0	20318.1	49.0	-63.9	99.9	264.0	35.6*	35.4	3.7	495.9	999.9	99.9	999.9	134.4	90.
71.9	150.0	20704.7	46.0	-64.6	99.9	269.6	25.8*	25.8	0.2	503.0	999.9	99.9	999.9	134.4	90.
72.8	151.0	20976.2	44.0	-64.6	99.9	274.3	28.4*	28.3	-2.1	509.5	999.9	99.9	999.9	137.9	90.
73.9	152.0	21260.8	42.0	-63.9	99.9	271.2	26.3*	26.3	-0.6	518.2	999.9	99.9	999.9	138.5	90.
75.0	153.0	21713.9	39.0	-65.0	99.9	263.5	35.0*	34.8	3.9	526.4	999.9	99.9	999.9	141.5	90.
76.3	154.0	22036.4	37.0	-62.9	99.9	246.0	13.6*	12.4	5.5	539.8	999.9	99.9	999.9	142.0	90.
77.4	155.0	22378.3	35.0	-63.3	99.9	246.5	16.6*	15.2	6.6	547.5	999.9	99.9	999.9	142.8	90.
78.4	156.0	22738.5	33.0	-65.0	99.9	250.0	17.0*	16.0	5.8	552.1	999.9	99.9	999.9	144.6	90.
79.7	157.0	23119.9	31.0	-64.8	99.9	261.8	35.5*	35.1	5.1	562.6	999.9	99.9	999.9	145.9	90.
81.1	158.0	23526.4	29.0	-65.2	99.9	120.8	6.8*	-5.8	3.5	572.4	999.9	99.9	999.9	147.5	89.
82.5	159.0	24194.0	26.0	-63.7	99.9	267.8	49.6*	49.5	1.9	594.9	999.9	99.9	999.9	150.1	89.
83.8	160.0	24686.7	24.0	-62.4	99.9	259.5	24.4*	24.0	4.4	612.6	999.9	99.9	999.9	152.3	89.
85.3	161.0	25227.2	22.0	-59.8	99.9	263.9	32.6*	32.4	3.4	635.5	999.9	99.9	999.9	153.8	89.
87.0	162.0	25820.5	20.0	-61.4	99.9	203.5	2.2*	0.9	2.0	648.2	999.9	99.9	999.9	153.1	89.
88.9	163.0	26478.0	18.0	-58.8	99.9	249.5	27.0*	25.3	9.5	676.4	999.9	99.9	999.9	160.0	89.
90.8	164.0	27622.0	15.0	-59.1	99.9	193.4	8.3*	1.9	8.1	711.4	999.9	99.9	999.9	162.5	89.
93.4	165.0	28519.9	13.0	-58.8	99.9	999.9	99.9	99.9	99.9	742.4	999.9	99.9	999.9	999.9	999.

STATION NO. 340  
LITTLE ROCK, ARK

5 FEBRUARY 1975  
2315 GMT

154 20. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	79.0	1007.1	5.6	1.2	310.0	8.2	6.3	-5.3	278.7	289.4	4.1	73.0	0.0	0.
0.1	6.0	161.3	997.0	4.5	-0.7	156.6	2.4	-1.0	2.2	278.4	287.8	3.6	68.6	0.6	126.
0.6	7.0	251.6	986.0	3.3	-0.4	175.0	1.6	-0.1	1.6	278.1	287.9	3.8	76.4	0.6	126.
0.9	8.0	342.5	975.0	2.5	0.1	278.6	2.3	2.3	-0.3	278.2	288.4	4.0	84.2	0.6	123.
1.2	9.0	434.2	964.0	1.5	-0.2	295.5	5.8	5.2	-2.5	278.1	288.2	3.9	88.5	0.7	122.
1.7	10.0	526.6	953.0	0.9	-0.4	297.5	9.9	8.8	-4.6	278.3	288.4	3.9	90.8	0.9	121.
2.0	11.0	636.9	940.0	-0.4	-1.2	294.5	10.3	9.4	-4.3	278.1	287.7	3.7	94.1	1.1	121.
2.3	12.0	731.0	929.0	-1.0	-1.9	289.6	9.3	8.8	-3.1	278.4	287.7	3.6	94.1	1.3	119.
2.8	13.0	826.0	918.0	-1.7	-2.5	284.4	9.4	9.1	-2.3	278.6	287.7	3.5	94.2	1.6	117.
3.2	14.0	913.2	908.0	-2.3	-3.1	283.5	10.9	10.6	-2.5	278.9	287.6	3.4	94.2	1.8	115.
3.8	15.0	1010.7	897.0	0.9	-3.8	281.6	11.6	11.3	-2.3	283.1	291.7	3.2	71.0	2.2	113.
4.5	16.0	1119.1	885.0	1.5	-8.8	279.9	12.3	12.1	-2.1	284.7	290.8	2.2	45.9	2.6	111.
4.8	17.0	1219.8	874.0	1.4	-8.6	279.6	12.6	12.5	-2.1	285.6	291.9	2.3	47.4	2.9	110.
5.2	18.0	1321.7	863.0	1.0	-11.7	278.7	12.5	12.4	-1.9	286.2	291.3	1.8	38.0	3.2	109.
5.7	19.0	1415.3	853.0	0.6	-14.3	278.0	13.1	12.9	-1.8	286.6	290.8	1.5	31.8	3.6	108.
6.0	20.0	1519.4	842.0	0.1	-15.1	278.5	14.7	14.5	-2.2	287.2	291.2	1.4	30.7	3.8	107.
6.3	21.0	1643.9	829.0	-0.4	-15.8	277.6	14.1	14.0	-1.9	287.9	291.8	1.3	30.0	4.1	107.
6.7	22.0	1740.9	819.0	-0.7	-15.4	275.9	14.4	14.3	-1.5	288.6	292.7	1.4	31.8	4.4	106.
7.1	23.0	1848.8	808.0	-1.4	-14.4	273.9	15.8	15.8	-1.1	289.1	293.5	1.5	36.2	4.7	105.
7.3	24.0	1948.0	798.0	-1.5	-14.6	273.0	16.6	16.5	-0.9	289.9	294.4	1.5	35.9	5.0	105.
7.7	25.0	2048.3	788.0	-1.8	-14.3	272.8	17.3	17.3	-0.8	290.6	295.3	1.6	37.9	5.4	104.
8.2	26.0	2170.3	776.0	-2.5	-14.7	274.2	17.9	17.8	-1.3	291.2	295.8	1.6	38.4	5.8	103.
8.6	27.0	2273.0	766.0	-3.4	-15.1	274.9	18.8	18.7	-1.6	291.3	295.8	1.5	39.6	6.3	102.
8.9	28.0	2376.9	756.0	-3.8	-19.5	275.1	19.3	19.2	-1.7	291.9	295.0	1.1	28.3	6.7	102.
9.2	29.0	2481.8	746.0	-4.6	-21.9	275.0	19.6	19.6	-1.7	292.1	294.8	0.9	24.4	7.0	101.
9.7	30.0	2577.2	737.0	-5.2	-20.7	274.3	20.4	20.3	-1.5	292.5	295.5	1.0	28.3	7.6	101.
10.1	31.0	2684.4	727.0	-6.0	-20.5	273.6	21.5	21.4	-1.3	292.8	295.9	1.0	30.5	8.0	101.
10.5	32.0	2781.7	718.0	-7.2	-18.6	272.6	23.2	23.1	-1.1	292.6	296.2	1.2	39.2	8.6	100.
10.9	33.0	2891.0	708.0	-7.7	-13.9	271.4	24.9	24.9	-0.6	293.2	298.5	1.8	61.0	9.1	100.
11.3	34.0	2990.3	699.0	-8.8	-15.4	270.5	26.0	26.0	-0.2	293.1	297.9	1.7	58.7	9.8	99.
11.7	35.0	3090.7	690.0	-9.2	-18.2	269.9	26.1	26.1	0.1	293.6	297.5	1.3	47.8	10.4	98.
12.2	36.0	3226.3	678.0	-9.6	-28.9	269.9	25.1	25.1	0.1	294.5	296.1	0.5	19.0	11.2	98.
12.7	37.0	3329.3	669.0	-10.7	-30.7	270.6	24.0	24.0	-0.2	294.5	295.9	0.4	17.3	11.9	97.
13.0	38.0	3433.2	660.0	-11.7	-31.2	271.1	23.6	23.6	-0.5	294.5	295.9	0.4	17.8	12.4	97.
13.5	39.0	3538.3	651.0	-12.4	-36.7	272.2	23.7	23.7	-0.9	294.9	295.7	0.2	10.9	13.0	97.
13.8	40.0	3632.7	643.0	-12.5	-46.9	272.9	23.5	23.5	-1.2	295.7	296.0	0.1	3.7	13.5	97.
14.3	41.0	3776.3	631.0	-13.5	-58.5	274.0	22.7	22.7	-1.6	296.2	296.3	0.0	1.0	14.2	97.
14.7	42.0	3885.5	622.0	-13.8	-58.6	275.1	21.9	21.8	-1.9	297.1	297.2	0.0	1.0	14.7	96.
15.2	43.0	3983.7	614.0	-14.7	-59.3	276.7	21.3	21.2	-2.5	297.1	297.1	0.0	1.0	15.3	96.
15.6	44.0	4095.2	605.0	-15.6	-59.8	278.1	21.6	21.4	-3.0	297.4	297.4	0.0	1.0	15.8	96.
16.1	45.0	4195.5	597.0	-16.7	-60.5	279.1	22.8	22.6	-3.6	297.2	297.3	0.0	1.0	16.5	97.
16.5	46.0	4309.3	588.0	-17.8	-61.2	278.7	24.0	23.7	-3.6	297.2	297.3	0.0	1.0	17.0	97.
16.9	47.0	4411.6	580.0	-18.6	-61.7	276.2	24.6	24.5	-2.6	297.5	297.5	0.0	1.0	17.7	97.
17.2	48.0	4528.0	571.0	-19.5	-62.3	273.7	25.1	25.0	-1.6	297.7	297.7	0.0	1.0	18.1	97.
17.6	49.0	4632.6	563.0	-20.6	-63.0	270.0	25.8	25.8	-0.0	297.6	297.7	0.0	1.0	18.7	97.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

5 FEBRUARY 1975  
2315 GMT

154 20. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.0	50.0	4738.3	555.0	-21.4	-63.6	266.8	27.1	27.0	1.5	297.9	297.9	0.0	1.0	19.3	96.
18.5	51.0	4885.9	544.0	-21.7	-63.7	264.2	29.8	29.7	3.0	299.3	299.3	0.0	1.0	20.2	96.
19.0	52.0	4995.0	536.0	-21.7	-59.2	262.9	33.7	33.4	4.2	300.5	300.6	0.0	1.8	21.0	95.
19.3	53.0	5105.7	528.0	-21.9	-55.3	261.7	36.5	36.2	5.2	301.5	301.7	0.0	3.1	21.7	95.
19.8	54.0	5217.8	520.0	-22.9	-54.3	259.2	41.6	40.8	7.8	301.7	301.9	0.0	3.8	22.8	94.
20.2	55.0	5331.4	512.0	-23.3	-57.5	256.5	45.6	44.3	10.6	302.6	302.7	0.0	2.6	23.8	94.
20.5	56.0	5461.5	503.0	-22.2	-64.1	254.4	48.5	46.7	13.0	305.4	305.4	0.0	1.0	24.6	93.
20.9	57.0	5594.2	494.0	-22.2	-64.1	251.8	51.8	49.2	16.2	307.0	307.0	0.0	1.0	25.8	92.
21.2	58.0	5714.1	486.0	-22.5	-64.3	250.3	53.9	50.7	18.1	308.1	308.1	0.0	1.0	26.7	91.
21.7	59.0	5820.5	479.0	-23.3	-62.3	248.7	56.6	52.7	20.6	308.4	308.4	0.0	1.4	28.2	90.
22.0	60.0	5943.8	471.0	-23.0	-42.9	248.1	57.8	53.6	21.6	310.2	310.8	0.2	14.1	29.2	89.
22.5	61.0	6069.1	463.0	-23.9	-40.2	247.8	58.2	53.9	21.9	310.6	311.4	0.2	20.6	30.8	88.
22.9	62.0	6180.0	456.0	-25.3	-44.3	248.0	57.5*	53.3	21.5	310.3	310.8	0.2	14.8	32.2	87.
23.3	63.0	6292.2	449.0	-25.9	-66.5	248.7	57.4*	53.5	20.8	310.8	310.8	0.0	1.0	33.5	86.
23.8	64.0	6422.2	441.0	-26.7	-67.0	250.5	59.3*	55.9	19.8	311.4	311.4	0.0	1.0	35.0	86.
24.3	65.0	6537.5	434.0	-27.5	-67.5	252.4	61.9*	59.0	18.8	311.8	311.8	0.0	1.0	36.8	85.
24.9	66.0	6687.9	425.0	-28.6	-68.2	253.0	60.1*	57.5	17.6	312.3	312.4	0.0	1.0	39.3	84.
25.3	67.0	6806.8	418.0	-29.2	-68.7	252.6	56.0*	53.5	16.8	313.0	313.0	0.0	1.0	40.6	84.
25.8	68.0	6927.1	411.0	-30.4	-60.4	252.2	52.4*	49.9	16.0	312.9	313.0	0.0	3.5	42.0	83.
26.3	69.0	7049.0	404.0	-31.5	-57.0	252.7	52.9*	50.5	15.8	313.1	313.3	0.0	6.0	43.5	83.
26.7	70.0	7172.4	397.0	-32.5	-55.7	253.4	55.6*	53.2	15.9	313.3	313.5	0.0	7.8	44.7	83.
27.3	71.0	7315.5	389.0	-33.9	-54.6	254.2	59.5*	57.3	16.2	313.4	313.6	0.1	10.1	46.8	82.
27.7	72.0	7442.5	382.0	-34.9	-57.3	254.3	59.7*	57.5	16.2	313.6	313.8	0.0	8.1	48.4	82.
28.2	73.0	7571.2	375.0	-36.1	-59.9	254.2	57.7*	55.5	15.7	313.7	313.8	0.0	6.5	50.2	82.
28.6	74.0	7683.0	369.0	-36.9	-45.7	254.2	56.4*	54.3	15.4	314.1	314.7	0.2	39.0	51.4	82.
29.0	75.0	7815.3	362.0	-37.9	-61.7	254.4	57.3*	55.2	13.4	314.5	314.6	0.0	6.1	52.7	81.
29.6	76.0	7930.2	356.0	-39.0	-60.1	254.4	59.8*	57.6	16.1	314.6	314.7	0.0	8.5	54.8	81.
29.9	77.0	8066.1	349.0	-39.9	99.9	254.0	59.4*	57.1	16.4	315.2	999.9	99.9	999.9	56.1	81.
30.4	78.0	8184.3	343.0	-41.3	99.9	253.0	56.8*	54.3	16.6	314.9	999.9	99.9	999.9	57.8	81.
30.9	79.0	8303.9	337.0	-42.1	99.9	252.6	55.4*	52.9	16.6	315.3	999.9	99.9	999.9	59.3	81.
31.4	80.0	8425.2	331.0	-43.2	99.9	253.0	56.8*	54.4	16.6	315.4	999.9	99.9	999.9	60.9	80.
32.0	81.0	8589.6	323.0	-44.1	99.9	253.8	59.7*	57.3	16.7	316.5	999.9	99.9	999.9	63.0	80.
32.4	82.0	8715.1	317.0	-45.2	99.9	253.7	61.1*	58.6	17.2	316.6	999.9	99.9	999.9	64.5	80.
32.9	83.0	8842.3	311.0	-46.5	99.9	252.8	62.8*	60.0	18.5	316.5	999.9	99.9	999.9	66.3	80.
33.4	84.0	8971.3	305.0	-47.7	99.9	251.7	63.5*	60.3	19.9	316.6	999.9	99.9	999.9	68.2	80.
33.8	85.0	9102.2	299.0	-48.7	99.9	251.0	61.4*	58.0	20.0	317.0	999.9	99.9	999.9	69.9	79.
34.2	86.0	9257.4	292.0	-50.2	99.9	250.3	57.6*	54.2	19.4	317.0	999.9	99.9	999.9	71.4	79.
34.8	87.0	9369.9	287.0	-51.1	99.9	249.5	52.7*	49.4	18.4	317.3	999.9	99.9	999.9	73.1	79.
35.2	88.0	9507.1	281.0	-51.9	99.9	249.6	52.8*	49.5	18.4	318.1	999.9	99.9	999.9	74.3	79.
35.7	89.0	9623.4	276.0	-52.2	99.9	250.5	57.1*	53.8	19.1	319.3	999.9	99.9	999.9	75.8	79.
36.2	90.0	9765.2	270.0	-53.5	99.9	251.9	63.1*	60.0	19.6	319.5	999.9	99.9	999.9	77.5	78.
36.7	91.0	9885.3	265.0	-54.1	99.9	253.3	65.5*	62.7	18.8	320.2	999.9	99.9	999.9	79.7	78.
37.1	92.0	10031.8	259.0	-55.4	99.9	254.2	62.9*	60.6	17.1	320.4	999.9	99.9	999.9	81.5	78.
37.5	93.0	10155.9	254.0	-56.2	99.9	254.9	57.4*	55.4	14.9	321.0	999.9	99.9	999.9	82.9	78.
38.1	94.0	10282.3	249.0	-55.9	99.9	255.0	52.9*	51.0	13.7	323.3	999.9	99.9	999.9	84.6	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

5 FEBRUARY 1975  
2315 GMT

154 20. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.6	95.0	10411.2	244.0	-56.4	99.9	253.9	52.7*	50.7	14.6	324.5	999.9	99.9	999.9	86.2	78.
39.2	96.0	10570.2	238.0	-53.8	99.9	251.8	52.4*	49.8	16.4	330.7	999.9	99.9	999.9	88.1	78.
39.8	97.0	10707.1	233.0	-52.2	99.9	250.2	48.5*	45.6	16.5	335.1	999.9	99.9	999.9	90.1	78.
40.3	98.0	10848.2	228.0	-50.2	99.9	249.4	44.3*	41.4	15.6	340.3	999.9	99.9	999.9	91.4	78.
40.8	99.0	10993.0	223.0	-50.1	99.9	248.5	42.8*	39.9	15.7	342.7	999.9	99.9	999.9	92.6	78.
41.3	100.0	11141.4	218.0	-49.3	99.9	247.5	45.3*	41.9	17.3	346.0	999.9	99.9	999.9	93.8	77.
41.8	101.0	11324.3	212.0	-49.5	99.9	246.8	50.1*	46.0	19.7	348.6	999.9	99.9	999.9	95.2	77.
42.3	102.0	11480.4	207.0	-50.4	99.9	246.5	54.7*	50.2	21.8	349.6	999.9	99.9	999.9	96.8	77.
42.9	103.0	11607.6	203.0	-50.8	99.9	246.7	57.6*	52.9	22.8	350.8	999.9	99.9	999.9	98.8	77.
43.4	104.0	11769.5	198.0	-52.2	99.9	246.3	54.9*	50.3	22.1	351.1	999.9	99.9	999.9	100.6	77.
44.0	105.0	11901.1	194.0	-53.6	99.9	243.7	46.9*	42.0	20.8	350.9	999.9	99.9	999.9	102.6	76.
44.6	106.0	12035.2	190.0	-53.3	99.9	242.2	44.6**	39.4	20.8	353.5	999.9	99.9	999.9	103.8	76.
45.2	107.0	12206.8	185.0	-53.6	99.9	244.9	50.4**	45.6	21.3	355.7	999.9	99.9	999.9	105.4	76.
45.8	108.0	12347.2	181.0	-54.0	99.9	248.4	56.1**	52.1	20.7	357.4	999.9	99.9	999.9	107.5	76.
46.5	109.0	12490.7	177.0	-54.0	99.9	251.0	60.2**	56.9	19.6	359.7	999.9	99.9	999.9	109.8	76.
47.0	110.0	12637.1	173.0	-54.9	99.9	251.0	61.6**	58.3	20.0	360.4	999.9	99.9	999.9	111.8	76.
47.8	111.0	12824.6	168.0	-54.9	99.9	250.3	55.3**	52.1	18.7	363.5	999.9	99.9	999.9	114.7	76.
48.3	112.0	12978.6	164.0	-54.9	99.9	250.8	53.7**	50.8	17.7	366.0	999.9	99.9	999.9	116.2	75.
48.9	113.0	13136.4	160.0	-55.1	99.9	252.2	65.2**	62.1	19.9	368.3	999.9	99.9	999.9	117.6	75.
49.5	114.0	13298.0	156.0	-55.4	99.9	252.8	78.6**	75.1	23.3	370.4	999.9	99.9	999.9	120.7	75.
50.0	115.0	13463.5	152.0	-55.7	99.9	252.3	69.9**	66.6	21.3	372.6	999.9	99.9	999.9	123.9	75.
50.7	116.0	13675.9	147.0	-57.1	99.9	249.4	47.2**	44.2	16.6	373.9	999.9	99.9	999.9	125.6	75.
51.3	117.0	13806.3	144.0	-57.4	99.9	245.4	37.1**	33.7	15.4	375.5	999.9	99.9	999.9	126.9	75.
51.8	118.0	13984.4	140.0	-57.1	99.9	241.2	29.8**	26.1	14.4	379.2	999.9	99.9	999.9	128.2	75.
52.5	119.0	14167.8	136.0	-57.4	99.9	235.4	24.6**	20.3	14.0	381.7	999.9	99.9	999.9	128.9	75.
53.0	120.0	14308.4	133.0	-58.4	99.9	239.4	35.8**	30.8	10.2	382.3	999.9	99.9	999.9	129.1	75.
53.7	121.0	14451.7	130.0	-59.0	99.9	239.4	41.6**	35.8	21.2	383.9	999.9	99.9	999.9	131.8	75.
54.3	122.0	14647.8	126.0	-59.0	99.9	233.0	28.9**	23.1	17.4	387.4	999.9	99.9	999.9	133.2	74.
55.0	123.0	14799.0	123.0	-59.0	99.9	235.2	23.1**	19.0	13.2	390.0	999.9	99.9	999.9	133.2	74.
55.7	124.0	15006.7	119.0	-58.4	99.9	250.2	33.9**	31.9	11.5	394.7	999.9	99.9	999.9	134.8	74.
56.2	125.0	15113.4	117.0	-57.9	99.9	256.0	39.3**	38.2	9.5	397.6	999.9	99.9	999.9	135.9	74.
57.0	125.0	15388.5	112.0	-58.3	99.9	261.3	44.2**	43.7	6.7	401.9	999.9	99.9	999.9	138.0	74.
57.6	127.0	15559.3	109.0	-58.6	99.9	260.0	45.1**	44.4	7.8	404.4	999.9	99.9	999.9	139.5	74.
58.0	128.0	15734.3	106.0	-59.5	99.9	256.9	45.0**	43.8	10.2	406.0	999.9	99.9	999.9	140.8	74.
58.7	129.0	15913.7	103.0	-60.2	99.9	252.8	52.5**	50.1	15.5	408.0	999.9	99.9	999.9	142.4	74.
59.2	130.0	16097.9	100.0	-60.5	99.9	252.6	59.0**	56.3	17.6	410.8	999.9	99.9	999.9	144.2	74.
60.1	131.0	16353.4	96.0	-58.4	99.9	251.0	48.7**	46.1	15.9	419.7	999.9	99.9	999.9	147.9	74.
60.8	132.0	16485.7	94.0	-58.8	99.9	246.1	37.7**	34.5	15.3	421.6	999.9	99.9	999.9	149.1	74.
61.6	133.0	16689.2	91.0	-59.1	99.9	248.3	48.1**	44.7	17.8	424.8	999.9	99.9	999.9	150.8	74.
62.2	134.0	16898.6	88.0	-60.7	99.9	253.2	55.0**	52.7	15.9	425.7	999.9	99.9	999.9	152.9	74.
62.9	135.0	17114.3	85.0	-60.9	99.9	257.5	26.9**	26.3	5.8	429.6	999.9	99.9	999.9	156.2	74.
63.7	136.0	17337.3	82.0	-61.6	99.9	77.7	12.5**	-12.2	-2.6	432.5	999.9	99.9	999.9	155.1	74.
64.7	137.0	17568.0	79.0	-62.0	99.9	241.5	11.5**	10.1	5.5	436.4	999.9	99.9	999.9	154.3	74.
65.3	138.0	17807.3	76.0	-62.2	99.9	252.5	29.7**	28.4	8.9	440.9	999.9	99.9	999.9	155.4	74.
66.2	139.0	18141.7	72.0	-61.8	99.9	260.7	20.3**	20.0	3.3	448.5	999.9	99.9	999.9	157.5	74.

\* BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

5 FEBRUARY 1975  
2315 GMT

154 20. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.1	140.0	18404.7	69.0	-62.6	99.9	283.5	4.4**	4.3	-1.0	452.4	999.9	99.9	999.9	157.7	74.
68.1	141.0	18678.3	66.0	-63.5	99.9	262.9	15.9**	15.7	1.9	456.1	999.9	99.9	999.9	157.8	74.
69.0	142.0	18868.1	64.0	-61.6	99.9	258.6	28.2**	27.6	5.6	464.3	999.9	99.9	999.9	159.3	74.
70.1	143.0	19166.7	61.0	-60.0	99.9	261.3	0.9**	0.9	0.1	474.3	999.9	99.9	999.9	161.1	74.
71.1	144.0	19481.1	58.0	-60.5	99.9	254.2	8.5**	8.2	2.3	480.0	999.9	99.9	999.9	159.6	74.
72.2	145.0	19811.2	55.0	-61.5	99.9	254.8	40.5*	39.0	10.6	485.3	999.9	99.9	999.9	162.1	74.
73.3	146.0	20158.4	52.0	-62.2	99.9	257.1	55.4*	54.0	12.4	491.4	999.9	99.9	999.9	165.3	74.
74.4	147.0	20523.9	49.0	-64.1	99.9	261.7	20.8*	20.6	3.0	495.3	999.9	99.9	999.9	168.6	74.
75.6	148.0	20778.1	47.0	-65.7	99.9	288.4	10.6*	10.0	-3.3	497.5	999.9	99.9	999.9	169.3	74.
76.9	149.0	21181.4	44.0	-63.1	99.9	62.5	13.2*	-11.7	-6.1	513.2	999.9	99.9	999.9	168.2	74.
78.2	150.0	21614.9	41.0	-64.1	99.9	266.5	21.2*	21.2	1.3	521.2	999.9	99.9	999.9	168.7	75.
79.7	151.0	22079.5	38.0	-64.7	99.9	62.5	10.3*	-9.2	-4.8	531.2	999.9	99.9	999.9	170.5	75.
81.3	152.0	22409.9	36.0	-64.5	99.9	267.5	32.6*	32.5	1.4	540.0	999.9	99.9	999.9	168.8	75.
82.7	153.0	22942.7	33.0	-63.7	99.9	263.9	27.4*	27.2	2.9	555.6	999.9	99.9	999.9	173.6	75.
84.5	154.0	23326.9	31.0	-62.9	99.9	45.9	3.8*	-2.7	-2.7	567.7	999.9	99.9	999.9	173.2	75.
86.3	155.0	23953.9	28.0	-62.8	99.9	256.7	23.5*	22.9	5.4	585.0	999.9	99.9	999.9	174.3	75.
88.3	156.0	24655.7	25.0	-60.7	99.9	266.5	11.2*	11.2	0.7	610.1	999.9	99.9	999.9	176.3	75.
90.3	157.0	25448.4	22.0	-62.2	99.9	257.1	32.8*	32.0	7.3	628.5	999.9	99.9	999.9	179.8	75.
92.8	158.0	26036.8	20.0	-62.6	99.9	999.9	99.9	99.9	99.9	644.7	999.9	99.9	999.9	999.9	999.

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
600 GMT

160 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	79.0	1009.1	1.7	-2.2	300.0	6.2	5.4	-3.1	274.6	282.8	3.2	75.0	0.0	0.
0.3	6.0	160.0	999.0	0.5	-2.8	309.2	6.7	5.2	-4.2	274.1	282.1	3.1	78.4	0.2	122.
0.6	7.0	248.7	988.0	-0.6	-3.2	309.0	6.8	5.3	-4.3	273.9	281.7	3.1	82.5	0.3	123.
1.0	8.0	338.1	977.0	-1.2	-3.0	308.3	7.3	5.7	-4.5	274.1	282.2	3.1	87.6	0.4	126.
1.3	9.0	420.1	967.0	-2.0	-3.1	311.3	7.7	5.8	-5.1	274.1	282.2	3.2	92.5	0.6	126.
1.6	10.0	502.7	957.0	-2.8	-3.6	315.4	8.0	5.6	-5.7	274.2	282.1	3.1	94.4	0.7	127.
2.0	11.0	611.1	944.0	-3.6	-3.7	324.4	8.1	4.7	-6.6	274.4	282.4	3.1	99.4	0.9	130.
2.2	12.0	686.8	935.0	-4.2	-4.7	328.7	8.0	4.2	-6.9	274.6	282.3	3.0	100.8	1.0	132.
2.6	13.0	780.1	924.0	-4.8	-4.8	335.0	8.1	3.4	-7.3	274.9	282.4	2.9	101.5	1.2	135.
2.9	14.0	874.2	913.0	-5.6	-5.6	334.5	8.3	3.6	-7.4	275.0	282.2	2.8	101.4	1.3	138.
3.2	15.0	951.9	904.0	-6.3	-7.4	334.4	7.8	3.4	-7.0	275.0	281.3	2.4	91.7	1.4	139.
3.5	16.0	1065.5	891.0	-3.4	-5.4	334.6	6.9	3.0	-6.3	279.1	286.7	2.9	86.3	1.6	140.
3.9	17.0	1155.1	881.0	-4.0	-8.1	321.5	5.4	3.4	-4.2	279.3	285.6	2.3	72.7	1.7	142.
4.2	18.0	1245.2	871.0	-4.2	-9.7	299.8	5.9	5.1	-2.9	280.1	285.9	2.2	67.3	1.8	141.
4.5	19.0	1327.3	862.0	-2.8	-10.7	283.2	7.9	7.6	-1.8	282.3	287.7	2.0	54.4	1.9	140.
4.8	20.0	1420.0	852.0	-2.2	-10.2	275.8	9.3	9.3	-0.9	283.9	289.6	2.1	54.2	2.0	136.
5.2	21.0	1542.2	839.0	-2.0	-10.0	267.7	10.9	10.9	0.4	285.4	291.2	2.1	54.2	2.2	132.
5.5	22.0	1637.5	829.0	-2.3	-10.1	262.0	11.8	11.7	1.6	286.0	291.9	2.1	55.1	2.4	128.
5.7	23.0	1724.1	820.0	-2.8	-10.4	261.5	12.7	12.5	1.9	286.4	292.3	2.1	55.7	2.5	126.
6.1	24.0	1821.3	810.0	-3.1	-10.4	261.5	14.2	14.0	2.1	287.1	293.1	2.1	57.2	2.7	121.
6.3	25.0	1919.6	800.0	-3.6	-9.8	262.4	14.6	14.5	1.9	287.6	293.9	2.3	61.9	2.8	119.
6.7	26.0	2039.1	788.0	-3.7	-8.6	264.2	15.1	15.0	1.5	288.7	295.8	2.5	68.6	3.1	115.
7.1	27.0	2129.8	779.0	-4.5	-8.7	265.7	15.3	15.2	1.1	288.9	295.9	2.5	72.2	3.5	112.
7.4	28.0	2221.3	770.0	-4.9	-9.9	266.5	15.4	15.4	0.9	289.3	295.9	2.3	68.2	3.7	110.
7.8	29.0	2324.0	760.0	-5.6	-10.4	266.7	15.4	15.3	0.9	289.7	296.1	2.3	64.3	4.1	108.
8.1	30.0	2417.5	751.0	-5.7	-11.5	266.5	15.2	15.2	0.9	290.5	296.3	2.0	61.3	4.3	107.
8.4	31.0	2512.1	742.0	-5.6	-18.7	266.0	15.0	14.9	1.0	291.6	295.2	1.2	35.9	4.6	105.
8.8	32.0	2607.7	733.0	-6.0	-19.7	265.3	14.9	14.8	1.2	292.1	295.3	1.1	32.8	4.9	104.
9.2	33.0	2704.2	724.0	-7.0	-19.9	264.3	15.1	15.0	1.5	292.0	295.2	1.1	35.0	5.2	103.
9.5	34.0	2801.7	715.0	-7.6	-19.5	263.4	15.5	15.4	1.8	292.4	295.8	1.1	38.0	5.5	102.
9.9	35.0	2900.2	706.0	-8.2	-21.1	262.2	16.1	15.9	2.2	292.8	295.8	1.0	34.4	5.9	101.
10.3	36.0	3022.1	695.0	-8.4	-23.1	261.9	16.4	16.2	2.3	293.9	296.5	0.9	29.1	6.2	99.
10.6	37.0	3123.1	686.0	-8.7	-28.6	262.3	16.4	16.3	2.2	294.6	296.3	0.5	18.0	6.5	99.
10.9	38.0	3225.4	677.0	-9.2	-33.2	263.3	16.3	16.2	1.9	295.1	296.2	0.3	12.2	6.8	98.
11.3	39.0	3328.7	668.0	-10.1	-31.2	264.8	16.5	16.5	1.5	295.2	296.6	0.4	15.8	7.2	97.
11.6	40.0	3421.4	660.0	-11.0	-29.2	265.7	17.0	16.9	1.3	295.3	296.9	0.5	20.5	7.5	97.
12.1	41.0	3550.3	649.0	-11.7	-27.3	266.1	18.3	18.2	1.3	295.9	297.9	0.6	25.9	8.0	96.
12.3	42.0	3645.2	641.0	-12.7	-25.6	265.8	18.8	18.8	1.4	295.9	298.2	0.7	32.8	8.2	96.
12.7	43.0	3752.9	632.0	-13.5	-24.5	265.0	19.7	19.6	1.7	296.1	298.6	0.8	37.5	8.7	95.
13.0	44.0	3849.6	624.0	-14.6	-25.4	264.4	20.1	20.0	2.0	295.9	298.3	0.8	39.4	9.0	95.
13.3	45.0	3959.5	615.0	-15.5	-24.6	264.3	20.5	20.4	2.0	296.2	298.8	0.8	45.4	9.4	94.
13.7	46.0	4058.2	607.0	-16.4	-24.5	264.6	21.0	20.9	2.0	296.2	298.9	0.9	49.6	9.9	94.
14.0	47.0	4157.9	599.0	-17.1	-26.4	265.1	21.5	21.4	1.8	296.5	298.8	0.7	43.9	10.2	94.
14.3	48.0	4258.6	591.0	-17.8	-29.6	265.4	22.2	22.2	1.8	296.8	298.6	0.5	34.6	10.6	93.
14.7	49.0	4360.5	583.0	-18.6	-29.6	265.6	23.1	23.1	1.8	297.0	298.8	0.5	36.4	11.2	93.

\* BY SPFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
600 GMT

160 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.1	50.0	4463.4	575.0	-19.3	-28.4	265.5	24.0	23.9	1.9	297.4	299.4	0.6	43.9	11.7	93.
15.4	51.0	4593.7	565.0	-20.0	-27.8	265.3	24.5	24.4	2.0	298.1	300.3	0.7	49.3	12.2	92.
15.8	52.0	4699.4	557.0	-20.5	-31.7	264.8	25.1	25.0	2.3	298.7	300.2	0.5	35.8	12.8	92.
16.1	53.0	4806.3	549.0	-21.3	-30.4	264.3	25.8	25.6	2.6	299.0	300.7	0.5	43.2	13.2	92.
16.5	54.0	4914.4	541.0	-22.2	-29.7	263.3	26.9	26.8	3.2	299.1	301.0	0.6	50.4	13.8	92.
16.8	55.0	5023.8	533.0	-23.2	-28.5	262.7	27.9	27.7	3.5	299.3	301.4	0.7	61.1	14.3	91.
17.2	56.0	5148.2	524.0	-24.5	-28.2	262.2	29.1	28.8	3.9	299.2	301.4	0.7	70.9	15.0	91.
17.4	57.0	5260.1	516.0	-25.0	-27.6	262.1	29.6	29.3	4.1	299.9	302.2	0.7	76.8	15.4	90.
17.8	58.0	5359.3	509.0	-25.8	-30.2	261.5	30.5	30.2	4.5	300.0	302.0	0.6	66.1	16.1	90.
18.1	59.0	5473.9	501.0	-26.6	-32.5	260.7	31.2	30.8	5.0	300.4	302.0	0.5	57.4	16.6	90.
18.4	60.0	5575.3	494.0	-27.5	-32.1	259.7	32.1	31.6	5.7	300.5	302.2	0.5	65.1	17.2	90.
18.8	61.0	5677.8	487.0	-28.5	-31.5	258.1	33.8	33.1	7.0	300.6	302.4	0.6	74.7	17.9	89.
19.2	62.0	5796.4	479.0	-29.3	-31.1	256.5	36.1	35.1	8.4	301.1	302.9	0.6	83.8	18.7	89.
19.5	63.0	5901.5	472.0	-29.8	-32.5	255.3	38.1	36.9	9.6	301.7	303.3	0.5	77.3	19.4	88.
19.9	64.0	6008.0	465.0	-29.8	-35.2	253.4	41.3	39.5	11.8	302.9	304.3	0.4	58.7	20.3	88.
20.2	65.0	6116.1	458.0	-29.9	-36.5	251.9	43.6	41.5	13.5	304.1	305.3	0.4	52.1	21.0	87.
20.6	66.0	6257.4	449.0	-30.6	-40.7	250.0	46.6	43.8	15.9	305.0	305.8	0.2	35.9	22.1	86.
21.1	67.0	6368.9	442.0	-31.1	-50.7	248.0	49.4	45.9	18.5	305.6	305.9	0.1	12.4	23.5	85.
21.5	68.0	6482.1	435.0	-31.1	-59.6	246.9	50.4	46.4	19.7	307.0	307.1	0.0	4.2	24.7	84.
21.9	69.0	6596.8	428.0	-32.2	-59.1	246.9	49.5	45.6	19.5	307.1	307.2	0.0	4.9	25.9	83.
22.3	70.0	6713.0	421.0	-33.1	-55.6	247.8	49.1	45.4	18.5	307.4	307.6	0.0	9.0	27.0	83.
22.8	71.0	6847.7	413.0	-33.9	-51.6	250.2	50.3	47.3	17.1	308.0	308.3	0.1	15.7	28.3	82.
23.2	72.0	6967.3	406.0	-34.6	-46.4	252.5	52.7	50.3	15.8	308.7	309.2	0.1	28.6	29.5	82.
23.5	73.0	7071.2	400.0	-35.1	-44.2	254.2	54.9	52.8	14.9	309.3	310.0	0.2	38.4	30.6	81.
23.9	74.0	7194.2	393.0	-35.6	-43.3	256.0	57.4	55.7	13.9	310.2	310.9	0.2	44.9	31.8	81.
24.2	75.0	7301.1	387.0	-36.3	-43.2	257.0	59.2	57.6	13.4	310.7	311.4	0.2	48.4	32.9	81.
24.5	76.0	7427.6	380.0	-36.8	-43.2	257.7	60.9	59.5	13.0	311.6	312.3	0.2	51.2	34.1	81.
25.0	77.0	7537.6	374.0	-37.7	-43.1	258.4	63.7	62.4	12.8	311.9	312.7	0.2	56.4	35.8	81.
25.3	78.0	7649.0	368.0	-38.5	-43.1	258.6	65.2	63.9	12.9	312.3	313.1	0.2	61.2	37.0	81.
25.8	79.0	7761.8	362.0	-39.1	-43.7	258.7	67.3	66.0	13.2	312.9	313.6	0.2	61.3	39.1	81.
26.2	80.0	7895.4	355.0	-40.1	99.9	258.6	69.1*	67.7	13.6	313.4	999.9	99.9	999.9	40.7	80.
26.7	81.0	8031.0	348.0	-41.2	99.9	258.4	71.6*	70.1	14.4	313.7	999.9	99.9	999.9	42.7	80.
27.2	82.0	8149.0	342.0	-41.9	99.9	258.1	73.4*	71.8	15.2	314.3	999.9	99.9	999.9	45.0	80.
27.5	83.0	8268.6	336.0	-43.0	99.9	257.8	74.0*	72.3	15.6	314.4	999.9	99.9	999.9	46.3	80.
28.0	84.0	8389.8	330.0	-44.0	99.9	257.5	73.0*	71.3	15.8	314.7	999.9	99.9	999.9	48.5	80.
28.4	85.0	8512.7	324.0	-45.1	99.9	257.6	70.8*	69.2	15.2	314.7	999.9	99.9	999.9	50.4	80.
29.0	86.0	8658.2	317.0	-46.1	99.9	257.7	67.5*	65.9	14.4	315.3	999.9	99.9	999.9	52.7	80.
29.4	87.0	8785.1	311.0	-46.9	99.9	257.4	66.3*	64.7	14.5	316.0	999.9	99.9	999.9	54.3	80.
29.9	88.0	8892.3	306.0	-47.8	99.9	256.6	66.6*	64.8	15.4	316.3	999.9	99.9	999.9	56.4	80.
30.2	89.0	9022.7	300.0	-48.9	99.9	256.2	68.5*	66.6	16.3	316.4	999.9	99.9	999.9	57.5	80.
30.6	90.0	9132.9	295.0	-49.7	99.9	255.9	71.8*	69.7	17.5	316.9	999.9	99.9	999.9	59.0	80.
31.0	91.0	9267.2	289.0	-50.1	99.9	255.9	74.7*	72.5	18.2	318.1	999.9	99.9	999.9	60.9	79.
31.3	92.0	9381.0	284.0	-50.9	99.9	255.8	73.3*	71.0	18.0	318.6	999.9	99.9	999.9	62.5	79.
31.7	93.0	9519.7	278.0	-52.1	99.9	255.5	71.3*	69.0	17.9	318.7	999.9	99.9	999.9	64.2	79.
32.1	94.0	9636.9	273.0	-53.1	99.9	254.7	70.7*	68.2	18.6	319.0	999.9	99.9	999.9	65.7	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
600 GMT

160 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.5	95.0	9756.0	268.0	-53.4	99.9	253.9	74.3*	71.4	20.6	320.3	999.9	99.9	999.9	67.1	79.
33.0	96.0	9901.4	262.0	-54.4	99.9	253.8	79.3*	76.2	22.1	320.9	999.9	99.9	999.9	69.7	79.
33.4	97.0	10024.6	257.0	-55.5	99.5	254.4	77.1*	74.3	20.7	321.0	999.9	99.9	999.9	71.9	79.
33.9	98.0	10149.5	252.0	-56.5	99.5	255.5	71.8*	69.5	18.0	321.4	999.9	99.9	999.9	73.9	79.
34.3	99.0	10276.5	247.0	-57.3	99.9	256.3	69.2*	67.2	16.4	322.0	999.9	99.9	999.9	75.5	79.
34.7	100.0	10405.6	242.0	-58.0	99.9	257.1	68.3*	66.6	15.2	322.8	999.9	99.9	999.9	77.2	79.
35.3	101.0	10563.7	236.0	-58.2	99.9	258.8	68.3*	67.0	13.3	324.9	999.9	99.9	999.9	79.6	78.
35.8	102.0	10726.5	230.0	-56.5	99.9	260.3	66.0*	65.1	11.1	329.9	999.9	99.9	999.9	81.7	78.
36.3	103.0	10838.0	226.0	-55.7	99.9	261.4	60.4*	59.7	9.0	332.8	999.9	99.9	999.9	83.8	79.
36.7	104.0	10980.8	221.0	-55.0	99.5	261.6	54.8*	54.2	8.0	335.9	999.9	99.9	999.9	85.1	79.
37.3	105.0	11126.9	216.0	-55.3	99.5	260.5	48.1*	47.5	7.9	337.6	999.9	99.9	999.9	86.9	79.
37.9	106.0	11247.0	212.0	-52.1	99.9	259.7	48.5*	47.7	8.6	344.4	999.9	99.9	999.9	88.4	79.
38.4	107.0	11401.9	207.0	-51.1	99.9	259.5	53.0*	52.1	9.7	348.5	999.9	99.9	999.9	89.5	79.
38.9	108.0	11529.1	203.0	-50.3	99.9	257.8	53.0*	51.8	11.2	351.6	999.9	99.9	999.9	92.4	79.
39.5	109.0	11658.8	199.0	-51.1	99.9	253.5	52.6*	50.5	14.9	352.4	999.9	99.9	999.9	92.6	79.
39.9	110.0	11790.8	195.0	-51.4	99.9	251.2	57.3*	54.3	18.5	354.0	999.9	99.9	999.9	94.7	79.
40.3	111.0	11993.7	189.0	-51.5	99.5	248.9	57.0*	53.2	20.5	356.9	999.9	99.9	999.9	96.2	78.
40.8	112.0	12132.3	185.0	-52.3	99.5	244.6	48.3*	43.6	20.7	357.9	999.9	99.9	999.9	98.3	78.
41.3	113.0	12273.4	181.0	-53.4	99.9	239.5	40.5*	34.9	20.6	358.3	999.9	99.9	999.9	99.1	78.
41.8	114.0	12416.5	177.0	-54.5	99.9	239.7	43.5*	37.5	22.0	358.8	999.9	99.9	999.9	99.7	78.
42.3	115.0	12563.0	173.0	-55.3	99.9	242.5	50.5*	44.8	23.3	359.8	999.9	99.9	999.9	101.6	78.
43.0	116.0	12750.0	168.0	-55.5	99.9	245.5	58.0*	52.8	24.1	362.5	999.9	99.9	999.9	103.6	77.
43.5	117.0	12903.4	164.0	-56.2	99.9	248.5	66.3*	61.7	24.3	363.9	999.9	99.9	999.9	104.7	77.
44.1	118.0	13020.7	161.0	-56.3	99.5	251.9	64.7*	61.5	20.1	365.6	999.9	99.9	999.9	108.6	77.
44.6	119.0	13180.6	157.0	-56.2	99.5	253.4	57.5*	55.1	16.4	368.5	999.9	99.9	999.9	109.8	77.
45.2	120.0	13344.5	153.0	-56.3	99.9	251.8	50.4*	47.9	15.7	370.9	999.9	99.9	999.9	111.7	77.
45.7	121.0	13470.4	150.0	-56.0	99.9	248.0	41.6*	38.6	15.6	373.6	999.9	99.9	999.9	113.7	77.
46.3	122.0	13642.3	146.0	-56.2	99.9	243.8	36.9*	33.1	16.3	376.2	999.9	99.9	999.9	114.0	77.
46.8	123.0	13774.0	143.0	-57.0	99.9	245.7	42.1*	39.1	17.6	377.0	999.9	99.9	999.9	115.4	76.
47.5	124.0	13953.5	139.0	-57.3	99.5	251.4	51.6*	49.0	16.4	379.5	999.9	99.9	999.9	117.5	76.
47.9	125.0	14091.4	136.0	-57.5	99.5	254.0	54.1*	52.0	14.9	381.6	999.9	99.9	999.9	118.5	76.
48.7	126.0	14279.9	132.0	-57.7	99.5	254.4	48.3*	46.5	13.0	384.5	999.9	99.9	999.9	121.7	76.
49.4	127.0	14474.0	128.0	-57.8	99.9	254.0	37.1*	35.7	10.3	387.6	999.9	99.9	999.9	123.2	76.
50.0	128.0	14623.5	125.0	-58.2	99.9	256.3	33.8*	32.8	8.0	389.7	999.9	99.9	999.9	124.4	76.
50.6	129.0	14776.2	122.0	-58.7	99.9	255.5	33.6*	32.5	8.4	391.4	999.9	99.9	999.9	125.6	76.
51.2	130.0	14932.6	119.0	-58.7	99.5	254.1	29.7*	28.6	8.1	394.2	999.9	99.9	999.9	126.8	76.
52.0	131.0	15147.3	115.0	-58.9	99.5	254.8	18.6*	17.9	4.9	397.8	999.9	99.9	999.9	128.5	76.
52.6	132.0	15313.1	112.0	-59.1	99.5	252.9	33.8**	32.3	9.9	400.5	999.9	99.9	999.9	128.0	76.
53.2	133.0	15483.1	109.0	-59.8	99.9	251.4	58.5**	55.5	18.7	402.3	999.9	99.9	999.9	130.1	76.
53.8	134.0	15657.3	106.0	-60.5	99.9	249.3	58.5**	54.7	20.7	404.1	999.9	99.9	999.9	133.6	76.
54.5	135.0	15836.5	103.0	-59.6	99.9	247.5	45.4**	42.0	17.4	409.2	999.9	99.9	999.9	133.9	76.
55.3	136.0	16021.9	100.0	-58.5	99.9	252.2	43.8**	41.7	13.4	414.7	999.9	99.9	999.9	137.3	76.
56.1	137.0	16278.3	96.0	-58.9	99.5	262.7	25.9**	25.7	3.3	418.9	999.9	99.9	999.9	139.2	76.
56.9	138.0	16477.8	93.0	-58.5	99.5	278.5	15.5**	15.4	-2.3	423.4	999.9	99.9	999.9	139.3	76.
57.7	139.0	16683.8	90.0	-58.7	99.5	266.7	30.3**	30.2	1.8	427.0	999.9	99.9	999.9	140.5	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
600 GMT

160 17. 0

TIME MIN	CNTCT	HIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.6	140.0	16969.0	86.0	-59.2	99.9	261.8	34.4*	34.1	4.9	431.5	999.9	99.9	999.9	142.6	76.
59.4	141.0	17191.8	83.0	-58.7	99.9	253.5	16.7*	16.0	4.7	437.0	999.9	99.9	999.9	144.4	76.
60.2	142.0	17422.5	80.0	-59.8	99.9	242.9	11.6*	10.3	5.3	439.5	999.9	99.9	999.9	144.2	76.
61.0	143.0	17660.1	77.0	-62.1	99.9	251.0	33.6*	31.7	10.9	439.4	999.9	99.9	999.9	144.0	76.
61.9	144.0	17904.7	74.0	-63.8	99.9	255.3	35.0*	33.8	8.9	440.8	999.9	99.9	999.9	147.8	76.
62.9	145.0	18159.0	71.0	-63.1	99.9	261.9	26.2*	25.9	3.7	447.7	999.9	99.9	999.9	148.2	76.
63.8	146.0	18424.8	68.0	-62.9	99.9	257.5	35.0*	34.2	7.6	453.7	999.9	99.9	999.9	150.5	76.
64.7	147.0	18702.2	65.0	-63.6	99.9	261.1	22.3*	22.1	3.4	457.9	999.9	99.9	999.9	153.0	76.
65.7	148.0	18991.6	62.0	-64.4	99.9	263.9	22.1*	22.0	2.4	462.4	999.9	99.9	999.9	153.1	76.
66.8	149.0	19296.4	59.0	-62.3	99.9	262.2	26.9*	26.7	3.7	473.7	999.9	99.9	999.9	156.2	76.
68.0	150.0	19617.9	56.0	-63.4	99.9	251.5	31.8*	30.2	10.1	478.3	999.9	99.9	999.9	156.5	76.
67.2	151.0	19957.3	53.0	-61.9	99.9	77.4	10.6*	-10.4	-2.3	489.3	999.9	99.9	999.9	158.1	76.
70.3	152.0	20195.1	51.0	-62.3	99.9	267.8	15.3*	15.3	0.6	493.9	999.9	99.9	999.9	157.9	76.
71.5	153.0	20568.8	48.0	-63.1	99.9	263.0	27.5*	27.3	3.3	500.7	999.9	99.9	999.9	159.3	76.
72.7	154.0	20965.5	45.0	-63.6	99.9	258.4	27.5*	26.9	5.5	508.7	999.9	99.9	999.9	161.3	76.
73.9	155.0	21387.5	42.0	-65.0	99.9	257.5	12.5*	12.2	2.7	515.4	999.9	99.9	999.9	163.4	76.
75.4	156.0	21685.0	40.0	-65.0	99.9	246.8	19.2*	17.7	7.6	522.7	999.9	99.9	999.9	164.8	76.
76.9	157.0	22161.3	37.0	-64.2	99.9	252.1	6.5*	6.2	2.0	536.5	999.9	99.9	999.9	166.3	76.
78.4	158.0	22677.1	34.0	-65.6	99.9	247.8	13.1*	12.1	4.9	546.0	999.9	99.9	999.9	165.8	76.
80.1	159.0	23238.9	31.0	-65.4	99.9	256.7	47.9*	46.6	11.0	561.1	999.9	99.9	999.9	168.0	76.
81.7	160.0	23863.0	28.0	-62.3	99.9	310.0	10.0*	7.7	-6.4	586.3	999.9	99.9	999.9	170.7	76.
83.8	161.0	24320.3	26.0	-62.7	99.9	267.8	21.2*	21.2	0.8	597.8	999.9	99.9	999.9	171.5	77.
86.1	162.0	25077.1	23.0	-62.1	99.9	263.1	17.3*	17.2	2.1	620.8	999.9	99.9	999.9	175.5	77.
88.6	163.0	25945.6	20.0	-59.9	99.9	279.6	21.8*	21.5	-3.7	652.8	999.9	99.9	999.9	179.0	77.
91.4	164.0	26960.2	17.0	-60.1	99.9	999.9	99.9	99.9	99.9	683.2	999.9	99.9	999.9	999.9	999.

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
1115 GMT

153 34. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	79.0	1009.8	-1.7	-4.5	300.0	5.7	4.9	-2.8	271.0	278.0	2.7	81.0	0.0	0.
0.3	6.0	196.4	995.0	-2.6	-3.8	129.3	2.5	-1.9	1.6	271.3	278.6	2.9	91.3	0.5	116.
0.6	7.0	292.5	983.0	-3.7	-4.4	134.3	1.5	-1.1	1.0	271.1	278.3	2.8	95.3	0.5	118.
0.9	8.0	389.4	971.0	-4.6	-5.1	291.3	1.7	1.6	-0.6	271.1	278.0	2.7	96.6	0.5	117.
1.2	9.0	487.3	959.0	-5.3	-5.7	299.0	5.2	4.6	-2.5	271.4	278.2	2.6	96.9	0.6	117.
1.6	10.0	586.1	947.0	-5.9	-6.3	301.4	9.2	7.9	-4.8	271.8	278.3	2.5	97.0	0.8	118.
1.9	11.0	694.3	934.0	-6.8	-7.1	303.3	9.9	8.3	-5.5	271.9	278.1	2.4	97.1	0.9	119.
2.2	12.0	795.2	922.0	-7.5	-7.8	305.6	10.1	8.2	-5.9	272.2	278.1	2.3	97.4	1.1	120.
2.6	13.0	888.6	911.0	-8.4	-8.7	310.1	9.6	7.4	-6.2	272.2	277.8	2.2	97.3	1.4	121.
3.0	14.0	982.8	900.0	-8.8	-9.2	320.0	7.7	5.0	-5.9	272.7	278.2	2.1	97.4	1.6	122.
3.5	15.0	1078.1	889.0	-9.1	-9.5	334.8	7.0	3.0	-6.4	273.3	278.8	2.1	96.9	1.7	126.
3.9	16.0	1201.1	875.0	-9.0	-9.4	315.0	6.0	4.2	-4.2	274.7	280.4	2.1	96.8	1.9	128.
4.3	17.0	1299.1	864.0	-9.0	-9.3	285.9	5.4	5.2	-1.5	275.7	281.5	2.2	97.2	2.0	127.
4.8	18.0	1389.5	854.0	-7.7	-8.0	260.0	8.2	8.1	1.4	278.1	284.6	2.5	97.6	2.2	125.
5.1	19.0	1490.7	843.0	-6.3	-6.6	253.8	11.0	10.6	3.1	280.5	287.9	2.8	98.0	2.3	122.
5.5	20.0	1593.6	832.0	-6.0	-6.2	247.4	15.3	14.2	5.9	281.9	289.6	2.9	97.6	2.5	116.
5.9	21.0	1717.2	819.0	-5.6	-5.9	249.8	16.5	15.5	5.7	283.7	291.8	3.0	97.3	2.8	109.
6.2	22.0	1823.3	808.0	-6.0	-6.4	250.6	16.8	15.9	5.6	284.3	292.2	2.9	97.2	3.0	106.
6.5	23.0	1920.8	798.0	-6.5	-6.8	250.9	16.9	16.0	5.6	284.8	292.6	2.9	97.1	3.3	103.
6.9	24.0	2019.4	788.0	-6.9	-7.3	250.7	17.1	16.2	5.6	285.4	293.0	2.8	97.1	3.6	99.
7.3	25.0	2129.1	777.0	-7.5	-7.9	252.0	17.2	16.3	5.3	285.9	293.3	2.7	97.0	4.0	97.
7.7	26.0	2250.5	765.0	-7.1	-7.4	253.7	17.0	16.3	4.8	287.6	295.5	2.9	97.0	4.4	95.
8.2	27.0	2353.2	755.0	-7.2	-7.6	255.6	16.4	15.9	4.1	288.5	296.4	2.9	97.0	4.9	92.
8.6	28.0	2457.1	745.0	-7.8	-8.2	257.2	16.0	15.6	3.5	289.0	296.6	2.8	96.7	5.3	91.
9.0	29.0	2562.3	735.0	-8.0	-8.4	258.6	15.8	15.4	3.1	289.9	297.6	2.8	96.5	5.6	90.
9.5	30.0	2668.8	725.0	-8.4	-9.4	260.4	16.4	16.2	2.7	290.6	297.8	2.6	92.1	6.1	90.
9.9	31.0	2776.5	715.0	-9.4	-10.7	261.9	17.6	17.4	2.5	290.6	297.2	2.4	90.3	6.4	89.
10.3	32.0	2874.3	706.0	-10.3	-12.9	262.9	18.8	18.7	2.3	290.6	296.3	2.0	81.1	6.9	89.
10.6	33.0	2973.0	697.0	-11.0	-15.5	263.3	19.8	19.6	2.3	290.8	295.5	1.6	69.0	7.3	88.
11.1	34.0	3083.9	687.0	-12.0	-16.7	263.4	21.4	21.2	2.5	290.9	295.3	1.5	67.8	7.9	88.
11.5	35.0	3184.8	678.0	-12.6	-18.1	263.2	23.0	22.8	2.7	291.4	295.3	1.3	63.0	8.4	88.
11.9	36.0	3321.0	666.0	-13.3	-19.5	263.1	24.6	24.5	3.0	292.0	295.6	1.2	59.3	8.9	87.
12.3	37.0	3424.5	657.0	-14.0	-20.3	262.5	25.7	25.4	3.4	292.4	295.8	1.2	58.8	9.6	87.
12.6	38.0	3529.0	648.0	-15.1	-20.7	261.7	26.1	25.8	3.8	292.3	295.6	1.1	61.8	10.1	87.
13.1	39.0	3634.8	639.0	-15.5	-20.2	259.5	26.4	25.9	4.8	293.0	296.5	1.2	66.9	10.8	87.
13.5	40.0	3741.8	630.0	-16.1	-20.2	257.6	26.7	26.1	5.7	293.5	297.1	1.2	70.2	11.4	86.
13.9	41.0	3874.3	619.0	-17.0	-20.8	256.2	27.1	26.3	6.4	293.9	297.4	1.2	72.3	12.1	86.
14.3	42.0	3984.0	610.0	-17.8	-21.5	255.4	27.1	26.3	6.8	294.2	297.5	1.1	72.5	12.8	85.
14.8	43.0	4107.5	600.0	-18.8	-22.0	255.1	27.3	26.4	7.0	294.5	297.7	1.1	75.6	13.6	84.
15.2	44.0	4207.4	592.0	-19.6	-22.0	255.3	28.0	27.1	7.1	294.7	298.0	1.1	80.9	14.2	84.
15.6	45.0	4321.1	583.0	-20.5	-23.4	255.7	29.4	28.5	7.2	294.9	297.8	1.0	77.8	14.8	84.
16.0	46.0	4436.0	574.0	-21.7	-24.5	256.1	31.7	30.8	7.6	294.7	297.4	0.9	75.2	15.5	83.
16.4	47.0	4539.3	566.0	-22.3	-25.0	255.8	34.4	33.4	8.4	295.3	298.0	0.9	78.4	16.3	83.
16.8	48.0	4643.8	558.0	-22.9	-25.6	254.9	36.9	35.6	9.6	295.7	298.3	0.8	78.9	17.2	83.
17.1	49.0	4749.6	550.0	-23.5	-26.0	253.9	38.5	37.0	10.7	296.3	298.9	0.8	79.5	17.9	82.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
1115 GMT

153 34. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.5	50.0	4870.2	541.0	-24.0	-26.1	252.2	40.5	38.6	12.4	297.1	299.6	0.8	82.2	18.8	82.
17.9	51.0	5006.4	531.0	-24.1	-26.0	250.1	42.3	39.8	14.4	298.5	301.2	0.9	84.5	19.8	81.
18.2	52.0	5117.1	523.0	-24.5	-25.8	248.6	43.4	40.4	15.8	299.3	302.1	0.9	89.3	20.6	81.
18.6	53.0	5229.3	515.0	-24.9	-26.2	246.7	44.6	40.9	17.6	300.2	302.9	0.9	89.1	21.6	80.
18.9	54.0	5343.0	507.0	-25.7	-27.1	245.3	45.2	41.0	18.8	300.5	303.1	0.8	87.7	22.4	80.
19.3	55.0	5443.6	500.0	-26.5	-28.2	243.7	45.7	40.9	20.2	300.8	303.1	0.7	85.4	23.5	79.
19.7	56.0	5574.7	491.0	-27.3	-29.2	242.2	45.8	40.5	21.4	301.4	303.5	0.7	83.2	24.5	78.
20.1	57.0	5692.8	483.0	-28.5	-30.5	240.7	45.7	39.9	22.3	301.3	303.3	0.6	82.1	25.6	78.
20.5	58.0	5812.3	475.0	-29.4	-31.7	239.4	45.4	39.1	23.1	301.6	303.4	0.6	80.1	26.7	77.
21.0	59.0	5918.1	468.0	-30.4	-32.7	238.9	46.0	39.4	23.8	301.6	303.3	0.5	80.5	27.8	76.
21.3	60.0	6025.1	461.0	-31.1	-33.5	239.5	47.0	40.5	23.8	302.1	303.7	0.5	79.2	28.7	76.
21.7	61.0	6133.4	454.0	-32.1	-34.6	240.9	48.2	42.1	23.4	302.1	303.5	0.4	78.2	29.8	75.
22.1	62.0	6258.8	446.0	-32.8	-40.0	243.0	49.3	43.9	22.4	302.8	303.6	0.3	48.1	30.9	74.
22.4	63.0	6370.1	439.0	-33.1	-43.0	244.9	50.2	45.5	21.3	303.8	304.5	0.2	35.8	31.9	74.
22.9	64.0	6483.2	432.0	-32.8	-51.0	248.5	53.4	49.7	19.6	305.5	305.8	0.1	14.1	33.3	74.
23.3	65.0	6598.3	425.0	-32.5	-48.8	251.1	57.9*	54.8	18.8	307.3	307.7	0.1	17.9	34.6	74.
23.7	66.0	6732.4	417.0	-32.0	-47.3	253.2	63.0*	60.3	16.3	309.6	310.1	0.1	20.0	36.0	74.
24.1	67.0	6852.0	410.0	-32.0	-40.7	254.6	67.8*	65.4	18.0	311.2	312.1	0.3	41.2	37.6	74.
24.5	68.0	6973.6	403.0	-32.3	-37.1	255.4	71.1*	68.8	17.9	312.4	313.7	0.4	61.8	39.3	74.
24.9	69.0	7079.3	397.0	-33.1	-37.4	255.5	71.8*	69.5	17.9	312.7	314.0	0.4	64.9	41.2	74.
25.2	70.0	7204.1	390.0	-34.2	-39.0	255.4	71.7*	69.4	18.1	312.7	313.9	0.3	61.7	42.5	74.
25.8	71.0	7348.7	382.0	-35.6	-40.6	255.1	71.5*	69.1	18.4	312.8	313.8	0.3	59.2	45.0	74.
26.1	72.0	7477.3	375.0	-36.3	-41.0	255.0	71.7*	69.3	18.5	313.4	314.4	0.3	61.8	46.3	74.
26.6	73.0	7588.8	369.0	-37.7	-41.6	255.1	72.8*	70.3	18.7	313.1	314.0	0.3	66.6	48.4	74.
27.0	74.0	7701.7	363.0	-38.5	-42.2	255.2	73.6*	71.2	18.8	313.5	314.4	0.3	67.6	50.2	74.
27.4	75.0	7816.0	357.0	-39.7	-42.7	255.4	73.7*	71.3	18.6	313.4	314.2	0.2	72.2	51.9	74.
27.7	76.0	7931.7	351.0	-40.5	99.9	255.7	73.3*	71.0	18.1	313.9	999.9	99.9	999.9	53.3	74.
28.1	77.0	8048.9	345.0	-41.9	99.9	256.2	72.6*	70.5	17.3	313.6	999.9	99.9	999.9	55.1	74.
28.5	78.0	8167.4	339.0	-43.1	99.9	256.9	72.6*	70.7	16.5	313.5	999.9	99.9	999.9	56.7	74.
28.9	79.0	8287.5	333.0	-44.1	99.9	257.4	75.0*	73.2	16.3	313.8	999.9	99.9	999.9	58.4	74.
29.3	80.0	8409.3	327.0	-45.0	99.9	257.9	77.0*	75.3	16.1	314.1	999.9	99.9	999.9	60.3	74.
29.9	81.0	8553.5	320.0	-46.3	99.9	258.5	76.7*	75.1	15.3	314.3	999.9	99.9	999.9	63.3	75.
30.3	82.0	8678.9	314.0	-47.3	99.9	258.4	76.2*	74.6	15.4	314.6	999.9	99.9	999.9	65.1	75.
30.6	83.0	8806.3	308.0	-48.5	99.9	257.9	77.2*	75.5	16.1	314.7	999.9	99.9	999.9	66.3	75.
31.1	84.0	8913.7	303.0	-49.5	99.9	256.7	81.3*	79.6	18.8	314.7	999.9	99.9	999.9	68.4	75.
31.4	85.0	9022.5	298.0	-50.5	99.9	256.1	82.1*	79.7	19.7	314.8	999.9	99.9	999.9	70.2	75.
31.9	86.0	9177.1	291.0	-51.6	99.9	256.1	70.3*	68.2	16.9	315.4	999.9	99.9	999.9	73.3	75.
32.4	87.0	9312.1	285.0	-52.5	99.9	257.4	54.9*	53.6	11.9	316.0	999.9	99.9	999.9	74.7	75.
32.9	88.0	9426.4	280.0	-52.8	99.9	259.5	52.9*	52.0	9.7	317.2	999.9	99.9	999.9	75.6	75.
33.4	89.0	9542.6	275.0	-53.2	99.9	260.2	64.5*	63.5	10.9	318.1	999.9	99.9	999.9	77.4	75.
33.8	90.0	9660.6	270.0	-53.9	99.9	260.3	74.4*	73.3	12.6	318.9	999.9	99.9	999.9	79.1	75.
34.3	91.0	9805.0	264.0	-53.7	99.9	260.3	78.6*	77.5	13.2	321.2	999.9	99.9	999.9	81.7	75.
34.8	92.0	9902.9	260.0	-54.6	99.9	260.7	70.1*	69.2	11.4	321.2	999.9	99.9	999.9	84.4	76.
35.3	93.0	10052.3	254.0	-54.8	99.9	261.0	58.0*	57.3	5.1	323.1	999.9	99.9	999.9	86.2	76.
35.7	94.0	10153.8	250.0	-54.8	99.9	260.4	55.2**	54.5	9.2	324.6	999.9	99.9	999.9	87.0	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
1115 GMT

153 34. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RFD GM/KG	RH PCT	RANGE KM	AZ DG
36.3	95.0	10283.2	245.0	-54.3	99.9	258.7	61.7**	60.5	12.1	327.2	999.9	99.9	999.9	89.0	76.
36.8	96.0	10442.3	239.0	-53.9	99.9	257.6	61.0**	59.5	13.1	330.2	999.9	99.9	999.9	91.5	76.
37.3	97.0	10578.0	234.0	-54.2	99.9	256.8	53.4**	51.9	12.2	331.8	999.9	99.9	999.9	93.2	76.
37.9	98.0	10716.6	229.0	-54.0	99.9	256.0	51.5**	49.9	12.5	334.0	999.9	99.9	999.9	94.4	76.
38.3	99.0	10829.7	225.0	-54.0	99.9	255.6	58.1**	56.3	14.5	335.7	999.9	99.9	999.9	95.8	76.
38.7	100.0	10974.1	220.0	-53.4	99.9	255.1	66.2**	64.0	17.1	338.9	999.9	99.9	999.9	97.4	76.
39.4	101.0	11122.1	215.0	-53.2	99.9	253.7	72.8**	69.9	20.4	341.3	999.9	99.9	999.9	100.4	76.
39.9	102.0	11273.7	210.0	-53.2	99.9	252.4	63.7**	60.7	19.3	343.6	999.9	99.9	999.9	103.2	76.
40.4	103.0	11397.6	206.0	-53.2	99.9	252.0	51.6**	49.0	16.0	345.5	999.9	99.9	999.9	104.6	76.
41.0	104.0	11523.9	202.0	-53.2	99.9	255.7	47.3**	45.8	11.7	347.5	999.9	99.9	999.9	105.6	76.
41.5	105.0	11652.7	198.0	-53.2	99.9	259.4	43.0**	42.3	7.9	349.5	999.9	99.9	999.9	107.6	76.
42.1	106.0	11817.5	193.0	-53.2	99.9	261.8	23.0**	22.8	3.3	352.0	999.9	99.9	999.9	109.4	76.
42.6	107.0	11918.4	190.0	-53.1	99.9	259.1	17.0**	16.7	3.2	353.9	999.9	99.9	999.9	108.8	76.
43.1	108.0	12090.4	185.0	-52.9	99.9	256.4	32.7**	31.8	7.7	356.8	999.9	99.9	999.9	109.0	76.
43.6	109.0	12231.4	181.0	-52.8	99.9	256.7	53.2**	51.8	12.2	359.3	999.9	99.9	999.9	111.0	76.
44.1	110.0	12339.2	178.0	-53.2	99.9	257.6	62.1**	60.7	13.4	360.3	999.9	99.9	999.9	112.8	76.
44.7	111.0	12522.7	173.0	-53.2	99.9	258.8	57.6**	56.5	11.2	363.2	999.9	99.9	999.9	115.3	76.
45.3	112.0	12673.2	169.0	-53.9	99.9	259.3	49.5**	48.6	9.2	364.6	999.9	99.9	999.9	117.2	76.
45.8	113.0	12788.1	166.0	-54.5	99.9	258.4	50.7**	49.7	10.2	365.5	999.9	99.9	999.9	118.2	76.
46.4	114.0	12944.2	162.0	-54.8	99.9	256.8	58.0**	56.5	13.2	367.5	999.9	99.9	999.9	120.3	76.
46.9	115.0	13104.0	158.0	-55.0	99.9	256.2	57.7**	56.0	13.8	369.9	999.9	99.9	999.9	122.5	76.
47.5	116.0	13267.5	154.0	-56.1	99.9	256.0	54.1**	52.5	13.1	370.7	999.9	99.9	999.9	124.1	76.
48.0	117.0	13434.5	150.0	-56.9	99.9	256.1	58.8**	57.1	14.1	372.1	999.9	99.9	999.9	125.6	76.
48.5	118.0	13562.2	147.0	-57.9	99.9	256.6	67.1**	65.2	15.5	372.5	999.9	99.9	999.9	127.6	76.
49.1	119.0	13736.0	143.0	-58.1	99.9	257.4	70.0**	68.3	15.3	375.2	999.9	99.9	999.9	130.3	76.
49.6	120.0	13869.5	140.0	-58.4	99.9	257.3	64.3**	62.7	14.2	376.9	999.9	99.9	999.9	132.5	76.
50.1	121.0	14005.4	137.0	-59.6	99.9	255.9	53.5**	51.9	13.0	377.1	999.9	99.9	999.9	134.4	76.
50.7	122.0	14143.7	134.0	-60.1	99.9	255.3	44.0**	42.6	11.2	378.6	999.9	99.9	999.9	135.8	76.
51.3	123.0	14332.8	130.0	-60.3	99.9	256.9	41.3**	40.2	9.3	381.6	999.9	99.9	999.9	137.3	76.
51.8	124.0	14478.5	127.0	-59.9	99.9	256.5	40.5**	39.4	8.4	384.7	999.9	99.9	999.9	138.6	76.
52.4	125.0	14627.9	124.0	-59.8	99.9	253.9	39.7**	38.1	11.0	387.7	999.9	99.9	999.9	139.9	76.
53.1	126.0	14832.8	120.0	-59.8	99.9	254.4	38.3**	36.9	10.3	391.3	999.9	99.9	999.9	141.7	76.
53.7	127.0	14991.1	117.0	-59.8	99.9	259.1	37.1**	36.4	7.0	394.2	999.9	99.9	999.9	143.0	76.
54.2	128.0	15098.9	115.0	-59.6	99.9	262.2	37.9**	37.5	5.2	396.5	999.9	99.9	999.9	144.0	76.
54.8	129.0	15264.6	112.0	-58.6	99.9	259.8	41.4**	40.7	7.3	401.4	999.9	99.9	999.9	145.4	76.
55.4	130.0	15436.0	109.0	-56.9	99.9	252.0	44.6**	42.4	13.8	407.6	999.9	99.9	999.9	146.9	76.
56.0	131.0	15673.1	105.0	-56.2	99.9	242.9	43.2**	38.5	19.7	413.3	999.9	99.9	999.9	148.9	76.
56.6	132.0	15795.2	103.0	-56.7	99.9	238.6	33.9**	28.9	17.6	414.6	999.9	99.9	999.9	150.0	76.
57.2	133.0	15981.9	100.0	-58.2	99.9	243.1	21.5**	19.2	9.8	415.2	999.9	99.9	999.9	151.2	76.
57.7	134.0	16173.3	97.0	-59.1	99.9	248.5	17.9**	16.7	6.6	417.2	999.9	99.9	999.9	151.4	76.
58.4	135.0	16303.8	95.0	-59.6	99.9	248.5	29.3**	27.2	10.7	418.7	999.9	99.9	999.9	152.1	76.
59.1	136.0	16503.8	92.0	-61.2	99.9	254.6	41.2**	39.7	10.9	419.5	999.9	99.9	999.9	153.8	76.
59.8	137.0	16779.6	88.0	-61.5	99.9	264.2	32.1**	31.9	3.3	424.1	999.9	99.9	999.9	155.9	76.
60.5	138.0	16995.4	85.0	-59.9	99.9	304.4	7.6**	6.3	-4.3	431.6	999.9	99.9	999.9	156.7	76.
61.2	139.0	17219.5	82.0	-60.6	99.9	72.5	15.4**	-14.7	-4.6	434.6	999.9	99.9	999.9	156.3	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
1115 GMT

153 34. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.9	140.0	17373.3	80.0	-60.3	99.9	106.0	3.4**	-3.3	0.9	438.4	999.9	99.9	999.9	154.6	76.
62.7	141.0	17611.1	77.0	-61.2	99.9	254.7	29.9**	28.9	7.9	441.4	999.9	99.9	999.9	156.0	76.
63.5	142.0	17857.4	74.0	-62.0	99.9	255.8	39.8**	38.5	9.8	444.5	999.9	99.9	999.9	158.0	76.
64.4	143.0	18113.5	71.0	-61.7	99.9	256.7	45.6**	44.4	10.5	450.6	999.9	99.9	999.9	160.1	76.
65.2	144.0	18381.1	68.0	-61.5	99.9	258.6	53.1**	52.1	10.5	456.6	999.9	99.9	999.9	162.5	76.
66.1	145.0	18566.1	66.0	-61.5	99.9	259.8	33.1**	32.6	5.9	460.5	999.9	99.9	999.9	165.8	76.
67.1	146.0	18853.9	63.0	-62.4	99.9	260.0	40.2**	39.6	7.0	464.7	999.9	99.9	999.9	166.2	76.
68.0	147.0	19155.0	60.0	-62.6	99.9	267.6	22.9**	22.8	1.0	470.8	999.9	99.9	999.9	170.7	76.
69.0	148.0	19471.5	57.0	-62.4	99.9	36.1	3.8**	-2.3	-3.1	478.2	999.9	99.9	999.9	169.4	76.
70.1	149.0	19692.4	55.0	-61.5	99.9	266.7	3.9**	3.9	0.2	485.2	999.9	99.9	999.9	169.9	76.
71.7	150.0	20039.4	52.0	-62.4	99.9	302.5	7.6**	6.4	-4.1	490.9	999.9	99.9	999.9	169.2	76.
72.1	151.0	20280.8	50.0	-63.7	99.9	275.3	11.6**	11.5	-1.1	493.4	999.9	99.9	999.9	169.6	76.
73.2	152.0	20659.9	47.0	-64.3	99.9	252.3	28.9**	27.5	8.8	500.9	999.9	99.9	999.9	170.6	76.
74.4	153.0	21062.5	44.0	-65.2	99.9	260.4	35.5*	35.1	5.9	508.1	999.9	99.9	999.9	173.5	76.
75.6	154.0	21346.9	42.0	-63.7	99.9	269.7	27.4*	27.4	0.1	518.6	999.9	99.9	999.9	175.8	76.
76.9	155.0	21800.2	39.0	-65.0	99.9	284.3	16.7*	16.1	-4.1	526.4	999.9	99.9	999.9	176.9	77.
78.4	156.0	22120.0	37.0	-66.4	99.9	265.8	32.9	32.8	2.4	530.9	999.9	99.9	999.9	179.1	77.
80.0	157.0	22633.6	34.0	-65.2	99.9	999.9	99.9	99.9	99.9	546.9	999.9	99.9	999.9	999.9	999.

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
1500 GMT

160 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	79.0	1012.9	-2.2	-6.5	290.0	6.2	5.8	-2.1	270.3	276.2	2.3	72.0	0.0	0.
0.3	6.0	188.4	999.0	-4.1	-9.0	316.3	17.5	12.1	-12.7	269.4	274.4	1.9	68.6	0.2	106.
0.6	7.0	275.7	988.0	-4.7	-9.5	315.9	16.9	11.7	-12.1	269.6	274.5	1.9	69.1	0.3	116.
1.0	8.0	363.7	977.0	-5.6	-8.7	313.6	14.2	10.3	-9.8	269.6	274.8	2.0	78.5	0.7	128.
1.4	9.0	452.3	966.0	-6.5	-8.1	311.3	10.6	8.0	-7.0	269.5	275.1	2.1	88.4	1.0	128.
1.8	10.0	533.6	956.0	-7.4	-8.5	314.0	8.5	6.1	-5.9	269.4	274.8	2.1	91.9	1.2	129.
2.3	11.0	640.1	943.0	-8.5	-8.5	323.9	8.1	4.8	-6.5	269.4	274.9	2.1	99.6	1.4	130.
2.7	12.0	731.0	932.0	-9.2	-9.2	332.3	9.0	4.2	-8.0	269.6	274.9	2.0	100.0	1.6	132.
3.0	13.0	814.6	922.0	-9.0	-9.4	337.6	10.0	3.8	-9.3	270.6	275.8	2.0	97.0	1.8	134.
3.3	14.0	907.5	911.0	-9.2	-9.9	345.4	10.5	2.7	-10.2	271.3	276.5	2.0	94.7	2.0	137.
3.6	15.0	993.0	901.0	-8.7	-9.2	351.7	11.0	1.6	-10.9	272.7	278.2	2.1	96.2	2.1	140.
3.9	16.0	1105.8	888.0	-8.5	-8.5	356.3	11.1	0.7	-11.0	274.1	280.1	2.3	100.1	2.3	143.
4.2	17.0	1193.7	878.0	-8.5	-8.5	355.8	10.6	0.8	-10.5	275.0	281.1	2.3	101.5	2.5	145.
4.5	18.0	1282.6	868.0	-8.5	-8.5	352.3	9.8	1.3	-9.7	275.9	282.1	2.3	101.2	2.6	148.
4.8	19.0	1372.5	858.0	-9.0	-9.0	343.5	9.4	2.7	-9.0	276.2	282.2	2.2	100.3	2.8	149.
5.2	20.0	1463.3	848.0	-9.2	-9.2	333.7	9.6	4.2	-8.6	277.0	283.0	2.2	100.0	3.0	149.
5.6	21.0	1573.6	836.0	-9.2	-9.2	326.5	10.1	5.6	-8.5	278.1	284.2	2.3	99.7	3.2	149.
5.9	22.0	1666.7	826.0	-10.1	-10.1	320.0	10.4	6.7	-8.0	278.1	283.9	2.2	100.4	3.4	149.
6.3	23.0	1760.5	816.0	-10.8	-10.8	313.6	10.8	7.8	-7.4	278.3	283.5	2.1	101.2	3.7	148.
6.6	24.0	1855.4	806.0	-10.9	-10.5	312.5	11.2	8.3	-7.6	279.2	284.7	2.1	101.8	3.9	147.
7.0	25.0	1942.2	797.0	-7.9	-8.0	318.8	12.2	8.0	-9.2	283.4	290.5	2.6	98.9	4.1	146.
7.3	26.0	2060.4	785.0	-7.6	-8.0	317.0	12.1	8.3	-8.8	284.9	292.2	2.7	96.6	4.4	146.
7.7	27.0	2160.1	775.0	-8.3	-9.6	314.0	12.0	8.6	-8.3	285.2	291.7	2.4	90.7	4.6	146.
8.1	28.0	2250.8	766.0	-8.9	-10.3	309.9	11.9	9.2	-7.7	285.5	291.7	2.3	89.5	4.9	145.
8.3	29.0	2352.6	756.0	-9.0	-10.7	307.0	11.8	9.4	-7.1	286.4	292.6	2.2	88.0	5.1	145.
8.8	30.0	2445.3	747.0	-9.6	-11.0	299.7	11.8	10.2	-5.8	286.7	292.9	2.2	89.7	5.4	143.
9.1	31.0	2538.9	738.0	-10.1	-11.7	296.1	12.0	10.8	-5.3	287.2	293.4	2.2	92.2	5.6	142.
9.4	32.0	2633.4	729.0	-10.8	-12.5	294.0	12.4	11.4	-5.1	287.4	293.0	2.0	86.7	5.7	141.
9.7	33.0	2739.7	719.0	-10.9	-15.0	293.1	13.0	11.9	-5.1	288.4	293.1	1.7	71.7	6.0	140.
10.1	34.0	2836.5	710.0	-11.1	-18.4	293.0	13.8	12.7	-5.4	289.2	292.9	1.3	54.6	6.3	139.
10.4	35.0	2934.4	701.0	-11.6	-18.9	293.5	14.3	13.1	-5.7	289.6	293.2	1.2	54.9	6.5	138.
10.9	36.0	3055.6	690.0	-11.6	-18.7	295.9	15.4	13.8	-6.7	290.9	294.6	1.3	55.5	6.9	136.
11.2	37.0	3156.1	681.0	-12.2	-19.2	297.5	16.1	14.3	-7.4	291.4	295.0	1.2	55.9	7.1	135.
11.6	38.0	3246.4	673.0	-12.8	-19.5	299.2	17.0	14.8	-8.3	291.7	295.2	1.2	54.9	7.5	135.
12.0	39.0	3349.1	664.0	-13.1	-21.0	299.5	17.5	15.3	-8.6	292.5	295.7	1.1	50.9	8.0	134.
12.3	40.0	3453.1	655.0	-13.5	-22.4	298.9	17.6	15.4	-8.5	293.2	296.1	1.0	46.9	8.3	133.
12.8	41.0	3581.7	644.0	-14.5	-25.1	298.1	17.7	15.6	-8.3	293.5	295.8	0.8	39.8	8.8	132.
13.2	42.0	3676.4	636.0	-14.9	-26.8	297.5	18.1	16.0	-8.3	294.0	296.1	0.7	35.1	9.2	132.
13.5	43.0	3784.1	627.0	-15.6	-28.1	297.0	18.6	16.5	-8.4	294.4	296.3	0.6	33.1	9.5	131.
14.0	44.0	3868.7	620.0	-16.5	-28.5	295.0	19.8	18.0	-8.4	294.3	296.0	0.6	33.1	10.0	131.
14.3	45.0	3978.4	611.0	-17.5	-30.5	293.4	20.2	18.5	-8.0	294.4	295.9	0.5	30.9	10.4	130.
14.6	46.0	4077.0	603.0	-18.2	-32.0	291.8	20.3	18.9	-7.6	294.7	296.1	0.4	28.2	10.8	129.
15.0	47.0	4189.2	594.0	-19.0	-33.3	289.7	19.9	18.7	-6.7	295.0	296.2	0.4	26.8	11.3	128.
15.4	48.0	4290.0	586.0	-20.1	-34.8	288.1	19.4	18.5	-6.0	294.9	296.0	0.3	25.4	11.7	128.
15.8	49.0	4391.7	578.0	-20.9	-35.0	287.4	19.5	18.6	-5.8	295.1	296.2	0.3	26.5	12.1	127.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
1500 GMT

160 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.2	50.0	4494.5	570.0	-21.9	-35.1	287.7	19.8	18.8	-6.0	295.0	296.1	0.3	27.3	12.5	126.
16.6	51.0	4624.5	560.0	-23.0	-36.4	288.9	20.2	19.1	-6.5	295.3	296.3	0.3	28.0	13.0	125.
17.0	52.0	4729.8	552.0	-23.9	-37.7	290.1	20.5	19.2	-7.0	295.4	296.3	0.3	26.7	13.4	125.
17.4	53.0	4836.1	544.0	-25.0	-38.6	290.3	20.6	19.3	-7.1	295.4	296.2	0.2	26.7	13.9	124.
17.8	54.0	4943.7	536.0	-25.5	-40.5	289.6	20.7	19.5	-7.6	296.0	296.7	0.2	22.9	14.4	124.
18.2	55.0	5039.0	529.0	-25.8	-41.6	288.2	21.1	20.1	-6.6	296.2	297.4	0.2	20.9	14.9	123.
18.6	56.0	5177.3	519.0	-25.9	-42.7	285.9	22.0	21.1	-6.0	298.2	298.8	0.2	18.7	15.4	123.
19.0	57.0	5275.6	512.0	-26.4	-43.1	282.8	23.5	22.9	-5.2	298.8	299.3	0.2	17.8	15.9	123.
19.3	58.0	5389.3	504.0	-26.8	-43.6	280.1	25.2	24.9	-4.4	299.6	300.1	0.1	17.8	16.3	122.
19.6	59.0	5490.2	497.0	-27.0	-44.8	277.9	27.1	26.9	-3.7	300.7	301.1	0.1	16.4	16.7	121.
20.0	60.0	5607.1	489.0	-27.5	-45.0	275.8	29.9	29.7	-3.0	301.4	301.9	0.1	16.9	17.3	120.
20.3	61.0	5710.7	482.0	-28.4	-45.4	275.2	31.6	31.5	-2.9	301.5	302.0	0.1	17.5	17.9	119.
20.6	62.0	5830.4	474.0	-29.6	-46.4	274.5	33.2	33.1	-2.6	301.5	301.9	0.1	17.6	18.4	119.
21.0	63.0	5936.3	467.0	-30.4	-46.6	273.4	35.1	35.0	-2.1	301.8	302.2	0.1	18.1	19.2	118.
21.4	64.0	6043.6	460.0	-31.0	-47.1	271.5	37.3	37.2	-1.0	302.3	302.7	0.1	18.6	19.9	117.
21.7	65.0	6152.2	453.0	-31.7	-47.6	270.0	39.2	39.2	-0.0	302.2	303.2	0.1	18.7	20.5	116.
22.2	66.0	6293.9	444.0	-32.5	-48.2	267.3	42.6	42.5	2.0	303.6	303.9	0.1	18.7	21.6	114.
22.5	67.0	6405.9	437.0	-33.0	-48.7	265.7	44.6	44.4	3.4	304.3	304.6	0.1	18.8	22.3	114.
22.8	68.0	6519.3	430.0	-33.5	-48.9	263.9	46.3	46.1	4.9	305.0	305.4	0.1	19.3	23.1	113.
23.1	69.0	6634.3	423.0	-34.4	-49.7	262.4	48.2	47.8	6.4	305.3	305.6	0.1	19.3	23.9	112.
23.5	70.0	6734.2	417.0	-34.7	-49.9	261.1	50.9	50.3	7.9	306.2	306.5	0.1	19.4	24.8	110.
24.1	71.0	6886.4	408.0	-35.1	-50.1	260.9	54.7	54.1	8.7	307.6	307.9	0.1	19.4	26.5	108.
24.5	72.0	6989.8	402.0	-35.0	-49.1	261.0	56.6	55.9	8.8	309.0	309.4	0.1	21.1	27.8	107.
25.0	73.0	7112.2	395.0	-35.6	-49.2	260.9	59.4	58.6	9.4	309.7	310.1	0.1	22.7	29.2	105.
25.4	74.0	7236.4	388.0	-36.2	-49.5	260.7	62.9	62.1	10.2	310.6	311.0	0.1	23.6	30.6	104.
25.9	75.0	7344.4	382.0	-37.1	-50.4	260.6	67.2	66.3	11.0	310.2	311.1	0.1	23.2	32.4	103.
26.3	76.0	7453.8	376.0	-37.5	-51.0	260.8	68.9	68.0	11.0	311.7	312.0	0.1	22.5	34.0	102.
26.5	77.0	7583.6	369.0	-37.4	-50.0	261.0	69.5	68.6	10.9	313.5	313.9	0.1	23.2	34.8	101.
27.0	78.0	7696.7	363.0	-37.6	-50.5	260.9	68.4	67.6	10.9	314.6	315.0	0.1	24.4	36.9	100.
27.4	79.0	7811.5	357.0	-38.6	-51.1	259.9	67.7	66.7	11.9	314.9	315.2	0.1	24.8	38.2	99.
27.8	80.0	7927.8	351.0	-39.2	-51.6	259.1	68.2	66.9	12.9	315.5	315.8	0.1	25.2	39.9	99.
28.3	81.0	8085.3	343.0	-40.6	99.0	259.0	70.8*	69.5	13.6	315.8	999.9	99.9	999.9	41.7	98.
28.7	82.0	8205.3	337.0	-41.5	99.9	259.3	73.9*	72.6	13.7	316.1	999.9	99.9	999.9	43.2	97.
29.2	83.0	8326.9	331.0	-42.5	99.9	259.8	76.8*	75.6	13.6	316.5	999.9	99.9	999.9	45.7	96.
29.6	84.0	8450.4	325.0	-42.9	99.9	260.4	77.6*	76.5	12.9	317.5	999.9	99.9	999.9	47.5	95.
30.1	85.0	8554.8	320.0	-43.6	99.1	261.5	77.0*	76.2	11.3	318.0	999.9	99.9	999.9	49.4	95.
30.6	86.0	8724.7	312.0	-44.4	99.1	261.8	73.9*	73.2	10.6	319.1	999.9	99.9	999.9	52.2	94.
31.1	87.0	8832.8	307.0	-45.0	99.0	260.9	68.9*	68.0	10.9	319.8	999.9	99.9	999.9	54.0	94.
31.6	88.0	8964.5	301.0	-45.7	99.0	261.2	67.0*	66.2	10.2	320.7	999.9	99.9	999.9	55.9	93.
31.9	89.0	9076.0	296.0	-46.0	99.9	262.4	68.5*	67.9	9.1	321.8	999.9	99.9	999.9	56.9	93.
32.3	90.0	9212.3	290.0	-46.1	99.9	263.5	69.8*	69.4	7.9	323.5	999.9	99.9	999.9	58.6	93.
32.7	91.0	9327.2	285.0	-46.6	99.9	264.0	68.5*	68.1	7.2	324.5	999.9	99.9	999.9	60.6	92.
33.0	92.0	9468.8	279.0	-47.4	99.9	264.0	65.8*	65.4	6.8	325.2	999.9	99.9	999.9	62.2	92.
33.4	93.0	9588.2	274.0	-48.0	99.1	264.6	63.2*	62.9	5.9	326.1	999.9	99.9	999.9	62.9	92.
33.9	94.0	9709.3	269.0	-49.2	99.0	265.7	63.5*	63.3	4.8	326.1	999.9	99.9	999.9	65.0	92.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
1500 GMT

160 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P. DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.3	95.0	9857.1	263.0	-49.9	99.0	265.8	64.1*	63.9	4.7	327.1	999.9	99.9	999.9	66.6	92.
34.8	96.0	10007.9	257.0	-50.2	99.9	265.1	63.6*	63.4	5.4	328.9	999.9	99.9	999.9	68.4	92.
35.2	97.0	10135.9	252.0	-51.2	99.9	264.2	61.7*	61.3	6.2	329.2	999.9	99.9	999.9	69.9	91.
35.6	98.0	10266.0	247.0	-51.7	99.9	263.2	58.3*	57.9	6.9	330.4	999.9	99.9	999.9	71.5	91.
36.0	99.0	10398.6	242.0	-51.8	99.9	262.2	53.6*	53.1	7.3	332.1	999.9	99.9	999.9	73.1	91.
36.5	100.0	10534.1	237.0	-51.5	99.9	261.6	49.0*	48.4	7.2	334.5	999.9	99.9	999.9	74.0	91.
37.1	101.0	10700.3	231.0	-52.0	99.9	261.4	46.0*	45.5	6.9	336.3	999.9	99.9	999.9	76.1	91.
37.5	102.0	10841.9	226.0	-52.5	99.9	260.7	45.2*	44.6	7.3	337.7	999.9	99.9	999.9	77.0	91.
38.0	103.0	10986.5	221.0	-52.8	99.9	259.2	46.4*	45.6	8.7	339.4	999.9	99.9	999.9	78.0	90.
38.4	104.0	11104.4	217.0	-52.8	99.9	258.2	47.4*	46.4	9.6	341.2	999.9	99.9	999.9	79.6	90.
38.9	105.0	11255.0	212.0	-52.5	99.9	258.2	49.7*	48.6	10.2	343.9	999.9	99.9	999.9	80.8	90.
39.3	106.0	11378.1	208.0	-52.5	99.9	258.5	52.3*	51.3	10.5	345.8	999.9	99.9	999.9	81.7	90.
39.8	107.0	11535.4	203.0	-52.5	99.9	257.9	52.6*	51.5	11.0	348.2	999.9	99.9	999.9	83.9	90.
40.3	108.0	11664.1	199.0	-52.3	99.9	256.3	49.4*	48.0	11.7	350.5	999.9	99.9	999.9	85.2	89.
40.7	109.0	11795.4	195.0	-52.5	99.9	255.0	47.2*	45.6	12.2	352.3	999.9	99.9	999.9	86.0	89.
41.3	110.0	11963.2	190.0	-52.6	99.9	253.6	44.9*	43.0	12.7	354.6	999.9	99.9	999.9	88.0	89.
41.7	111.0	12135.3	185.0	-53.2	99.9	252.8	42.4*	40.5	12.6	356.4	999.9	99.9	999.9	88.9	89.
42.2	112.0	12275.9	181.0	-53.9	99.9	252.9	42.5*	40.6	12.5	357.6	999.9	99.9	999.9	90.1	89.
42.7	113.0	12419.4	177.0	-54.0	99.9	255.1	52.5*	50.8	13.5	359.6	999.9	99.9	999.9	91.1	88.
43.2	114.0	12565.9	173.0	-54.5	99.9	258.0	69.3*	67.8	14.4	361.2	999.9	99.9	999.9	92.6	88.
43.6	115.0	12715.6	169.0	-55.0	99.9	259.8	79.1*	77.8	14.0	362.8	999.9	99.9	999.9	94.7	88.
44.2	116.0	12907.5	164.0	-55.1	99.9	261.4	75.4*	74.5	11.2	365.7	999.9	99.9	999.9	98.1	88.
44.6	117.0	13065.1	160.0	-55.4	99.9	262.2	68.1*	67.4	9.2	367.7	999.9	99.9	999.9	99.4	88.
45.1	118.0	13226.6	156.0	-55.3	99.9	263.1	62.5*	62.0	7.5	370.7	999.9	99.9	999.9	101.7	87.
45.6	119.0	13350.6	153.0	-55.1	99.9	264.2	60.1*	59.8	6.1	373.0	999.9	99.9	999.9	103.0	87.
46.0	120.0	13519.8	149.0	-55.0	99.9	265.3	55.8*	55.6	4.6	376.1	999.9	99.9	999.9	105.2	87.
46.5	121.0	13693.4	145.0	-55.8	99.9	267.2	45.2*	45.2	2.2	377.7	999.9	99.9	999.9	106.4	87.
47.0	122.0	13826.6	142.0	-55.6	99.9	268.6	38.1*	38.1	0.9	380.2	999.9	99.9	999.9	107.4	87.
47.5	123.0	13963.0	139.0	-54.6	99.9	266.5	37.5*	37.4	2.3	384.2	999.9	99.9	999.9	108.4	87.
48.0	124.0	14150.1	135.0	-54.2	99.9	260.8	35.5*	35.1	5.7	388.3	999.9	99.9	999.9	109.8	87.
48.5	125.0	14294.1	132.0	-54.3	99.9	250.9	26.5*	25.0	8.7	390.5	999.9	99.9	999.9	110.8	87.
49.2	126.0	14491.2	128.0	-54.8	99.9	240.8	23.6*	20.6	11.5	393.1	999.9	99.9	999.9	111.3	87.
49.6	127.0	14693.7	124.0	-55.9	99.9	243.7	29.4*	26.4	13.0	394.7	999.9	99.9	999.9	111.0	87.
50.1	128.0	14849.3	121.0	-56.7	99.9	246.2	33.6*	30.8	13.6	395.9	999.9	99.9	999.9	113.4	87.
50.6	129.0	15008.4	118.0	-56.9	99.9	245.3	27.4*	24.9	11.5	398.5	999.9	99.9	999.9	114.2	86.
51.2	130.0	15171.4	115.0	-57.1	99.9	250.6	26.1*	24.7	0.7	401.1	999.9	99.9	999.9	114.3	86.
51.9	131.0	15395.4	111.0	-57.2	99.9	257.5	35.7*	34.8	7.7	404.9	999.9	99.9	999.9	115.9	86.
52.4	132.0	15569.0	108.0	-56.6	99.9	258.9	39.0*	38.3	7.5	409.3	999.9	99.9	999.9	117.1	86.
53.0	133.0	15747.8	105.0	-56.2	99.9	260.0	40.1*	39.5	7.0	413.3	999.9	99.9	999.9	118.3	86.
53.4	134.0	15932.5	102.0	-55.1	99.9	260.3	39.1*	38.6	6.6	418.6	999.9	99.9	999.9	119.5	86.
54.1	135.0	16123.1	99.0	-55.1	99.9	257.9	36.8*	36.0	7.7	422.5	999.9	99.9	999.9	121.0	86.
54.8	136.0	16319.6	96.0	-55.3	99.9	255.4	38.4*	37.1	9.7	425.9	999.9	99.9	999.9	122.4	86.
55.5	137.0	16590.6	92.0	-56.2	99.9	257.2	39.1*	38.1	8.7	429.2	999.9	99.9	999.9	124.2	86.
56.2	138.0	16800.9	89.0	-56.9	99.9	258.1	37.0*	36.2	7.6	432.0	999.9	99.9	999.9	125.7	86.
56.9	139.0	17017.5	86.0	-58.1	99.9	261.1	35.5*	35.0	5.5	433.9	999.9	99.9	999.9	127.2	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
1500 GMT

160 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.6	140.0	17240.9	83.0	-58.7	99.9	267.0	28.2*	28.2	1.5	436.9	999.9	99.9	999.9	128.8	86.
58.3	141.0	17472.2	80.0	-58.6	99.9	259.3	17.9*	17.6	3.3	441.9	999.9	99.9	999.9	129.5	86.
58.9	142.0	17711.2	77.0	-59.6	99.9	242.2	16.3*	14.4	7.6	444.6	999.9	99.9	999.9	130.4	86.
59.7	143.0	17960.8	74.0	-58.9	99.9	251.7	26.3*	25.0	8.3	451.2	999.9	99.9	999.9	130.6	85.
60.4	144.0	18220.6	71.0	-58.9	99.9	261.8	38.4*	38.0	5.5	456.5	999.9	99.9	999.9	132.3	85.
61.1	145.0	18491.6	68.0	-58.7	99.9	268.1	38.1*	38.1	1.3	462.6	999.9	99.9	999.9	134.1	85.
61.9	146.0	18774.7	65.0	-59.1	99.9	274.1	23.8*	23.8	-1.7	467.8	999.9	99.9	999.9	136.0	85.
62.8	147.0	19070.7	62.0	-59.6	99.9	270.8	19.3*	19.3	-0.3	473.1	999.9	99.9	999.9	136.4	85.
63.7	148.0	19381.1	59.0	-59.4	99.9	266.3	15.0*	15.0	1.0	480.2	999.9	99.9	999.9	137.7	85.
64.6	149.0	19596.4	57.0	-60.5	99.9	268.7	27.1*	27.1	0.6	482.6	999.9	99.9	999.9	138.3	85.
65.5	150.0	19933.3	54.0	-60.5	99.9	272.3	32.0*	32.0	-1.3	490.1	999.9	99.9	999.9	140.5	85.
66.4	151.0	20288.5	51.0	-61.5	99.9	283.7	13.8*	13.4	-3.3	495.7	999.9	99.9	999.9	141.4	86.
67.3	152.0	20537.1	49.0	-60.5	99.9	284.7	16.4*	15.9	-4.2	503.9	999.9	99.9	999.9	141.9	86.
68.2	153.0	20931.5	46.0	-59.6	99.9	281.2	10.3*	10.1	-2.0	515.2	999.9	99.9	999.9	143.6	86.
69.2	154.0	21351.1	43.0	-61.9	99.9	118.4	5.3*	-4.6	2.5	519.6	999.9	99.9	999.9	142.4	86.
70.1	155.0	21645.5	41.0	-62.4	99.9	259.5	19.3*	18.9	3.5	525.4	999.9	99.9	999.9	143.3	86.
71.2	156.0	22115.7	38.0	-61.3	99.9	268.5	11.9*	11.9	0.3	539.7	999.9	99.9	999.9	144.5	86.
72.3	157.0	22450.3	36.0	-62.4	99.9	267.5	18.8*	18.8	0.8	545.3	999.9	99.9	999.9	145.1	86.
73.5	158.0	22987.6	33.0	-62.2	99.9	264.5	53.1*	52.9	5.1	559.5	999.9	99.9	999.9	148.3	86.
74.7	159.0	23579.4	30.0	-60.1	99.9	282.2	20.4*	20.0	-4.3	580.8	999.9	99.9	999.9	151.0	86.
76.1	160.0	24010.4	28.0	-59.6	99.9	274.3	10.3*	10.3	-0.8	593.8	999.9	99.9	999.9	151.2	86.
77.7	161.0	24719.6	25.0	-59.4	99.9	268.2	12.8*	12.8	0.4	613.9	999.9	99.9	999.9	153.0	86.
79.1	162.0	25240.0	23.0	-60.8	99.9	258.2	24.6*	24.0	5.0	624.6	999.9	99.9	999.9	153.5	86.
80.9	163.0	26114.2	20.0	-58.4	99.9	265.8	18.1	18.1	1.3	657.5	999.9	99.9	999.9	158.4	86.
82.8	164.0	26776.4	18.0	-58.7	99.9	999.9	99.9	99.9	99.9	676.5	999.9	99.9	999.9	999.9	999.

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
1800 GMT

63 428. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RYO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	79.0	1013.9	-1.1	-6.6	290.0	7.7	7.2	-2.6	271.3	277.2	2.3	66.0	0.0	0.
0.2	6.0	204.6	998.0	-3.3	-10.5	315.7	12.9	9.0	-9.2	270.2	274.7	1.7	57.5	0.5	126.
0.6	7.0	292.1	987.0	-4.4	-10.3	315.8	12.4	8.7	-8.9	270.0	274.6	1.8	63.6	0.6	127.
0.9	8.0	380.3	976.0	-5.2	-9.3	316.4	11.2	7.7	-8.1	270.1	275.0	1.9	71.5	0.8	129.
1.2	9.0	461.1	966.0	-5.9	-9.3	318.0	10.7	7.1	-7.9	270.1	275.0	1.9	74.1	1.0	131.
1.5	10.0	550.7	955.0	-7.0	-9.7	320.1	10.5	6.7	-3.1	269.9	274.8	1.9	79.5	1.2	132.
1.7	11.0	657.3	942.0	-8.6	-10.3	322.3	10.6	6.5	-3.4	269.3	274.1	1.8	87.2	1.3	133.
2.0	12.0	748.3	931.0	-9.5	-10.5	325.6	10.7	6.0	-8.8	269.4	274.1	1.8	92.0	1.5	134.
2.2	13.0	840.0	920.0	-10.3	-10.7	328.4	9.8	5.2	-8.4	269.4	274.2	1.8	97.0	1.7	135.
2.5	14.0	924.9	910.0	-6.1	-7.6	333.6	8.6	3.8	-7.7	274.7	280.9	2.4	88.6	1.8	137.
2.8	15.0	1020.2	899.0	-6.1	-8.4	334.6	8.2	3.5	-7.4	275.6	281.6	2.3	83.4	1.9	138.
3.1	16.0	1125.4	887.0	-6.4	-9.7	334.8	7.8	3.3	-7.1	276.3	281.7	2.0	75.8	2.1	139.
3.4	17.0	1222.9	876.0	-7.1	-10.1	333.0	7.5	3.4	-6.7	276.5	281.9	2.0	79.2	2.2	140.
3.8	18.0	1312.5	866.0	-7.3	-10.7	332.3	8.1	3.8	-7.2	277.3	282.8	2.1	80.6	2.4	141.
4.1	19.0	1402.9	856.0	-7.9	-10.3	332.2	8.9	4.1	-7.9	277.6	283.1	2.0	82.5	2.5	142.
4.4	20.0	1494.2	846.0	-8.6	-11.1	332.2	9.7	4.5	-8.6	277.8	282.9	1.9	81.8	2.7	142.
4.9	21.0	1614.3	833.0	-9.0	-11.8	329.3	10.4	5.3	-8.9	278.5	283.5	1.9	80.1	3.0	143.
5.2	22.0	1707.7	823.0	-9.6	-12.1	324.1	10.9	6.4	-8.8	278.9	283.8	1.8	82.1	3.2	144.
5.5	23.0	1802.1	813.0	-9.8	-11.7	318.0	11.6	7.8	-8.6	279.7	284.9	1.9	85.6	3.4	144.
5.9	24.0	1897.8	803.0	-9.3	-11.9	309.3	11.2	8.6	-7.1	281.1	286.4	1.9	82.1	3.7	143.
6.3	25.0	1994.9	793.0	-8.7	-11.2	306.4	10.9	8.8	-6.5	282.8	288.4	2.0	82.2	3.9	142.
6.7	26.0	2113.3	781.0	-7.9	-10.3	307.1	10.4	8.3	-6.3	285.0	291.1	2.2	82.4	4.2	141.
7.1	27.0	2213.5	771.0	-8.4	-11.2	309.2	9.7	7.5	-6.1	285.4	291.2	2.1	80.5	4.4	140.
7.4	28.0	2304.7	762.0	-8.2	-11.3	309.6	8.9	6.8	-5.7	286.7	292.6	2.1	78.0	4.6	140.
7.7	29.0	2407.4	752.0	-8.0	-12.3	308.7	8.1	6.3	-5.1	287.9	293.4	2.0	71.0	4.8	139.
8.1	30.0	2500.9	743.0	-8.6	-13.2	305.4	7.2	5.9	-4.2	288.2	293.5	1.9	69.4	4.9	139.
8.4	31.0	2595.3	734.0	-9.2	-14.7	301.0	6.9	5.9	-3.6	288.6	293.6	1.8	68.0	5.0	139.
8.7	32.0	2701.4	724.0	-9.8	-15.0	296.9	7.1	6.4	-3.2	289.1	293.8	1.6	65.2	5.1	138.
9.1	33.0	2797.8	715.0	-10.5	-16.2	293.0	8.0	7.4	-3.1	289.3	293.6	1.5	62.6	5.3	138.
9.4	34.0	2906.2	705.0	-11.1	-16.5	292.3	9.3	8.6	-3.5	289.8	294.1	1.5	63.7	5.4	137.
9.8	35.0	2993.8	697.0	-11.6	-18.5	292.9	11.5	10.6	-4.5	290.1	293.8	1.3	56.3	5.6	136.
10.1	36.0	3127.1	685.0	-11.1	-21.9	293.6	13.2	12.1	-5.3	292.2	295.0	1.0	40.2	5.8	135.
10.4	37.0	3228.6	676.0	-11.1	-24.5	294.4	14.8	13.5	-6.1	293.2	295.6	0.8	31.9	6.1	134.
10.8	38.0	3331.4	667.0	-11.8	-24.5	295.3	16.3	14.8	-7.0	293.6	296.0	0.8	33.8	6.4	133.
11.2	39.0	3435.5	658.0	-12.0	-24.9	296.1	17.6	15.8	-7.7	294.4	296.7	0.8	33.2	6.8	132.
11.5	40.0	3540.6	649.0	-13.2	-26.1	296.5	18.3	16.4	-8.2	294.3	296.4	0.7	32.5	7.2	131.
12.0	41.0	3658.7	639.0	-13.9	-26.9	295.7	19.4	17.5	-8.4	294.8	296.8	0.7	32.2	7.7	130.
12.3	42.0	3766.3	630.0	-14.7	-29.0	294.4	19.9	18.1	-8.2	295.0	296.7	0.5	28.3	8.1	130.
12.6	43.0	3875.1	621.0	-15.5	-31.2	293.3	20.3	18.7	-9.0	295.2	296.7	0.4	24.6	8.4	129.
13.0	44.0	3972.8	613.0	-16.4	-35.7	291.7	20.7	19.2	-7.6	295.4	296.3	0.3	16.8	8.9	128.
13.4	45.0	4084.0	604.0	-16.9	-36.2	290.3	20.8	19.5	-7.2	296.0	296.9	0.3	16.9	9.4	127.
13.7	46.0	4183.9	596.0	-17.7	-36.9	289.4	20.6	19.5	-6.9	296.2	297.0	0.3	16.9	9.7	126.
14.1	47.0	4297.5	587.0	-18.7	-37.5	288.5	20.4	19.4	-6.5	296.3	297.2	0.3	17.0	10.2	125.
14.5	48.0	4399.7	579.0	-19.5	-38.2	288.5	20.3	19.3	-6.5	296.6	297.3	0.2	17.1	10.7	125.
14.9	49.0	4502.8	571.0	-20.7	-39.4	289.9	21.1	19.8	-7.2	296.3	297.0	0.2	16.8	11.1	124.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
1800 GMT

63 428. 0

TIME MIN	CNTCT	HEIGHT GPM	FRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.3	50.0	4620.1	562.0	-21.4	-39.9	290.9	22.2	20.7	-7.9	296.9	297.6	0.2	16.8	11.6	123.
15.7	51.0	4752.3	552.0	-22.2	-40.8	291.1	23.2	21.6	-8.3	297.4	298.1	0.2	16.4	12.2	123.
16.1	52.0	4859.4	544.0	-23.2	-41.5	290.3	23.8	22.4	-8.3	297.4	298.0	0.2	16.5	12.7	122.
16.5	53.0	4967.7	536.0	-24.2	-42.5	288.8	24.3	23.0	-7.8	297.6	298.1	0.2	16.1	13.3	122.
16.8	54.0	5077.2	528.0	-25.0	-43.0	287.2	24.6	23.5	-7.3	297.9	298.4	0.2	16.7	13.7	121.
17.3	55.0	5174.0	521.0	-25.9	-43.5	284.4	25.0	24.2	-6.2	297.9	298.4	0.2	17.2	14.5	121.
17.7	56.0	5314.0	511.0	-27.2	-44.3	282.4	25.0	24.5	-5.4	298.0	298.4	0.1	17.8	15.0	120.
18.1	57.0	5427.5	503.0	-28.3	-44.9	281.0	24.8	24.3	-4.7	298.0	298.5	0.1	18.4	15.6	119.
18.4	58.0	5527.8	496.0	-29.3	-45.5	280.8	24.5	24.1	-4.6	297.9	298.4	0.1	18.9	16.0	119.
18.8	59.0	5643.7	488.0	-30.3	-46.1	281.1	24.3	23.9	-4.7	298.2	298.6	0.1	19.4	16.6	118.
19.2	60.0	5761.0	480.0	-31.3	-46.3	281.9	24.3	23.7	-5.0	298.3	298.7	0.1	19.9	17.1	118.
19.5	61.0	5864.9	473.0	-32.2	-47.3	282.6	24.3	23.7	-5.3	298.4	298.8	0.1	20.4	17.6	117.
19.9	62.0	5969.9	466.0	-33.4	-48.1	282.1	23.4	22.9	-4.9	298.2	298.5	0.1	20.9	18.1	117.
20.3	63.0	6091.2	458.0	-34.6	-49.1	999.9	99.9	99.9	99.9	298.2	298.5	0.1	21.0	999.9	999.
20.6	64.0	6198.6	451.0	-35.4	-49.8	999.9	99.9	99.9	99.9	298.5	298.8	0.1	21.1	999.9	999.
21.0	65.0	6307.3	444.0	-36.4	-50.7	999.9	99.9	99.9	99.9	298.6	298.9	0.1	20.8	999.9	999.
21.5	66.0	6449.1	435.0	-37.3	-51.7	999.9	99.9	99.9	99.9	299.2	299.4	0.1	20.4	999.9	999.
21.9	67.0	6560.9	428.0	-38.1	-52.0	999.9	99.9	99.9	99.9	299.5	299.8	0.1	21.3	999.9	999.

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
2100 GMT

154 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	79.0	1012.9	0.0	-6.5	290.0	6.7	6.3	-2.3	272.4	278.4	2.3	61.0	0.0	0.
0.1	5.0	117.8	1008.0	-0.7	-10.2	303.6	9.9	8.2	-5.5	272.0	276.6	1.7	48.6	0.3	130.
0.4	6.0	237.1	993.0	-2.6	-10.4	303.6	9.9	8.2	-5.5	271.3	275.9	1.7	54.9	0.3	130.
0.7	7.0	325.3	982.0	-3.5	-10.1	304.1	9.6	7.9	-5.4	271.2	276.0	1.8	60.3	0.4	128.
1.0	8.0	414.2	971.0	-4.6	-10.5	305.0	9.1	7.5	-5.2	271.0	275.7	1.8	63.3	0.6	127.
1.4	9.0	503.8	960.0	-5.5	-10.5	302.4	9.1	7.7	-4.9	271.0	275.7	1.8	67.9	0.8	127.
1.8	10.0	594.1	949.0	-6.4	-10.2	300.2	9.2	8.0	-4.6	271.0	275.8	1.8	74.3	1.0	125.
2.1	11.0	701.7	936.0	-7.8	-10.0	300.2	9.0	7.8	-4.5	270.7	275.7	1.9	84.1	1.2	124.
2.4	12.0	793.5	925.0	-8.8	-10.1	303.6	8.3	6.9	-4.6	270.6	275.5	1.9	90.2	1.3	124.
2.8	13.0	886.1	914.0	-9.7	-10.2	305.6	8.5	6.9	-5.0	270.6	275.6	1.9	95.6	1.5	124.
3.2	14.0	979.5	903.0	-10.5	-10.7	306.3	9.1	7.4	-5.4	270.6	275.5	1.9	98.6	1.7	124.
3.5	15.0	1065.1	893.0	-11.4	-11.6	306.7	9.5	7.6	-5.7	270.6	275.2	1.8	98.2	1.9	124.
3.9	16.0	1186.9	879.0	-9.2	-9.5	312.0	9.0	6.7	-6.0	274.1	279.7	2.1	98.3	2.1	125.
4.2	17.0	1275.6	869.0	-8.5	-10.4	313.7	8.6	6.2	-6.0	275.7	281.0	2.0	85.9	2.3	126.
4.6	18.0	1374.4	858.0	-8.6	-11.5	312.9	8.3	6.1	-5.6	276.6	281.5	1.8	79.9	2.5	126.
5.0	19.0	1465.3	848.0	-9.1	-12.0	308.0	8.8	6.9	-5.4	277.0	281.9	1.8	79.3	2.6	127.
5.3	20.0	1557.0	838.0	-9.5	-12.8	304.3	10.5	8.7	-5.9	277.5	282.1	1.7	77.1	2.8	127.
5.7	21.0	1668.4	826.0	-10.0	-13.7	303.1	12.1	10.1	-6.6	278.2	282.6	1.6	73.9	3.1	126.
6.1	22.0	1772.0	815.0	-9.7	-13.3	305.5	12.7	10.4	-7.4	279.6	284.2	1.7	74.4	3.4	126.
6.5	23.0	1867.5	805.0	-8.8	-15.0	310.5	13.2	10.0	-8.6	281.5	285.6	1.5	60.5	3.7	126.
6.8	24.0	1964.4	795.0	-8.4	-15.2	307.1	14.0	11.2	-8.5	282.9	287.1	1.5	57.6	4.0	126.
7.2	25.0	2062.7	785.0	-8.5	-15.9	302.5	13.9	11.8	-7.5	283.8	287.8	1.4	55.1	4.3	126.
7.5	26.0	2182.3	773.0	-8.1	-16.5	298.2	13.0	11.4	-6.1	285.5	289.4	1.4	50.4	4.6	126.
8.0	27.0	2283.5	763.0	-7.9	-17.0	295.4	12.9	11.7	-5.6	286.7	290.5	1.3	47.9	4.9	125.
8.3	28.0	2386.1	753.0	-8.1	-17.1	296.5	13.3	11.9	-5.9	287.6	291.5	1.3	48.0	5.1	124.
8.6	29.0	2490.0	743.0	-8.1	-16.8	297.8	13.7	12.1	-6.4	288.8	292.7	1.4	49.4	5.4	124.
9.0	30.0	2584.7	734.0	-8.1	-17.3	299.9	14.4	12.5	-7.2	289.8	293.6	1.3	47.3	5.7	124.
9.4	31.0	2691.1	724.0	-8.6	-18.5	300.6	15.2	13.1	-7.8	290.2	293.8	1.2	44.6	6.1	124.
9.7	32.0	2788.0	715.0	-9.5	-20.3	300.6	16.0	13.8	-8.1	290.3	293.4	1.1	40.9	6.3	124.
10.1	33.0	2885.7	706.0	-10.1	-23.3	300.1	16.9	14.7	-8.5	290.7	293.2	0.8	32.8	6.7	123.
10.4	34.0	2995.5	696.0	-10.8	-26.4	299.6	17.5	15.2	-8.6	291.0	293.0	0.6	26.3	7.1	123.
10.7	35.0	3095.5	687.0	-11.4	-28.5	298.9	17.7	15.5	-8.6	291.5	293.1	0.5	22.7	7.4	123.
11.2	36.0	3230.4	675.0	-12.1	-31.3	297.5	18.1	16.0	-8.3	292.1	293.4	0.4	18.3	7.9	123.
11.5	37.0	3321.5	667.0	-12.8	-33.0	296.6	18.3	16.4	-8.2	292.3	293.5	0.4	16.5	8.2	123.
11.9	38.0	3425.0	658.0	-13.6	-34.2	296.0	19.0	17.1	-8.3	292.5	293.5	0.3	15.6	8.7	122.
12.4	39.0	3529.5	649.0	-14.3	-35.1	296.3	20.2	18.1	-8.9	292.9	293.8	0.3	15.2	9.2	122.
12.7	40.0	3635.3	640.0	-15.0	-35.9	296.9	20.8	18.5	-9.4	293.3	294.1	0.3	14.8	9.6	122.
13.2	41.0	3766.1	629.0	-15.9	-37.6	298.0	21.5	19.0	-10.1	293.8	294.5	0.2	13.4	10.3	121.
13.6	42.0	3874.6	620.0	-16.6	-38.1	298.8	21.8	19.1	-10.5	294.2	294.9	0.2	13.4	10.8	121.
14.0	43.0	3984.4	611.0	-17.2	-39.0	299.8	22.0	19.1	-10.9	294.6	295.3	0.2	13.0	11.3	121.
14.3	44.0	4083.0	603.0	-18.1	-39.6	300.7	22.2	19.1	-11.3	294.8	295.5	0.2	13.1	11.7	121.
14.7	45.0	4195.3	594.0	-18.7	-40.1	301.6	22.8	19.4	-11.9	295.3	295.9	0.2	13.1	12.2	121.
15.2	46.0	4296.2	586.0	-19.5	-40.3	301.8	23.9	20.4	-12.6	295.5	296.1	0.2	13.7	12.9	121.
15.5	47.0	4398.0	578.0	-20.8	-40.6	301.2	24.7	21.1	-12.8	295.2	295.8	0.2	14.8	13.4	121.
16.0	48.0	4513.8	569.0	-21.7	-41.3	298.7	25.2	22.1	-12.1	295.4	296.0	0.2	14.9	14.2	121.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
2100 GMT

154 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTC GM/KG	RH PCT	RANGE KM	AZ DG
16.4	49.0	4617.9	561.0	-22.9	-42.2	296.3	25.3	22.7	-11.2	295.2	295.8	0.2	15.1	14.7	121.
16.7	50.0	4723.0	553.0	-23.8	-43.2	294.8	25.4	23.1	-10.7	295.3	295.8	0.1	14.7	15.2	121.
17.3	51.0	4869.4	542.0	-25.0	-44.5	292.6	25.5	23.5	-9.8	295.6	296.1	0.1	14.3	16.1	120.
17.7	52.0	4963.6	535.0	-26.2	-45.4	291.5	25.4	23.6	-9.3	295.3	295.7	0.1	14.4	16.7	120.
18.1	53.0	5086.2	526.0	-27.0	-46.0	290.4	25.4	23.8	-8.8	295.8	296.2	0.1	14.5	17.3	120.
18.5	54.0	5182.5	519.0	-28.2	-46.3	289.3	25.9	24.4	-8.6	295.5	295.9	0.1	15.6	17.9	119.
18.9	55.0	5293.8	511.0	-29.0	-46.9	288.8	26.5	25.1	-8.5	295.8	296.2	0.1	15.7	18.5	119.
19.4	56.0	5434.8	501.0	-30.2	-47.8	288.7	26.4	25.0	-8.5	296.1	296.4	0.1	15.8	19.4	119.
19.8	57.0	5534.8	494.0	-31.3	-48.8	289.0	25.7	24.3	-8.4	295.8	296.1	0.1	15.9	20.0	118.
20.2	58.0	5650.1	486.0	-32.4	-49.4	289.4	25.3	23.9	-8.4	295.9	296.2	0.1	16.5	20.6	118.
20.6	59.0	5766.9	478.0	-33.6	-50.1	289.6	25.6	24.1	-8.6	295.8	296.1	0.1	17.0	21.1	118.
21.1	60.0	5870.3	471.0	-34.4	-50.0	289.7	26.7	25.1	-9.0	296.1	296.4	0.1	18.5	21.9	118.
21.5	61.0	5989.8	463.0	-35.4	-50.7	289.7	27.3	25.7	-9.2	296.2	296.5	0.1	19.0	22.7	117.
21.9	62.0	6095.6	456.0	-36.5	-51.6	288.9	28.4	26.9	-9.2	296.2	296.4	0.1	19.1	23.2	117.
22.4	63.0	6202.6	449.0	-37.6	-52.6	286.9	30.8	29.4	-8.9	296.1	296.4	0.1	18.8	24.0	117.
22.7	64.0	6326.5	441.0	-38.3	-53.2	285.8	31.8	30.6	-8.7	296.8	297.0	0.1	18.8	24.6	117.
23.1	65.0	6436.5	434.0	-38.5	-53.6	284.5	32.5	31.4	-8.1	297.8	298.0	0.1	18.4	25.5	116.
23.7	66.0	6564.3	426.0	-38.9	-54.6	282.3	32.2	31.4	-6.9	298.9	299.1	0.1	17.1	26.5	116.
24.2	67.0	6694.1	418.0	-39.6	-55.3	279.4	32.7	32.3	-5.3	299.6	299.8	0.0	16.7	27.5	115.
24.5	68.0	6793.2	412.0	-38.7	-54.3	277.4	33.5	33.2	-4.3	302.1	302.3	0.1	17.1	28.1	115.
24.9	69.0	6911.2	405.0	-37.6	-53.9	276.2	35.6	35.4	-3.9	305.0	305.2	0.1	16.1	28.8	114.
25.3	70.0	7031.5	398.0	-37.6	-53.9	276.2	38.4	38.2	-4.1	306.5	306.7	0.1	16.1	29.6	114.
25.8	71.0	7171.5	390.0	-38.0	-54.3	275.5	41.3	41.1	-4.0	307.8	308.0	0.1	16.1	30.8	113.
26.2	72.0	7296.0	383.0	-38.9	-54.8	273.6	42.4	42.3	-2.7	308.1	308.3	0.1	16.7	31.8	113.
26.6	73.0	7422.3	376.0	-39.8	-55.4	271.1	42.6	42.6	-0.8	308.7	308.9	0.1	16.7	32.8	112.
27.0	74.0	7532.3	370.0	-39.6	-55.1	268.9	42.4	42.4	0.8	310.3	310.5	0.1	17.2	33.7	111.
27.4	75.0	7644.2	364.0	-39.5	-55.0	268.3	43.3	43.3	1.3	311.9	312.1	0.1	17.2	34.6	111.
27.9	76.0	7758.1	358.0	-39.1	-54.5	268.6	45.9	45.9	1.1	313.9	314.2	0.1	17.6	35.8	110.
28.5	77.0	7893.3	351.0	-39.6	-54.9	269.4	49.1	49.1	0.5	315.0	315.2	0.1	17.6	37.5	109.
29.1	78.0	8010.9	345.0	-41.0	99.9	269.0	49.6	49.6	0.9	314.8	999.9	99.9	999.9	39.2	108.
29.5	79.0	8129.9	339.0	-42.2	99.9	268.3	49.4	49.4	1.5	314.7	999.9	99.9	999.9	40.3	107.
30.0	80.0	8250.7	333.0	-42.4	99.9	267.4	50.1	50.1	2.2	316.1	999.9	99.9	999.9	41.6	107.
30.6	81.0	8415.1	325.0	-42.2	99.9	266.0	50.8	50.7	3.5	318.5	999.9	99.9	999.9	43.4	106.
31.0	82.0	8540.9	319.0	-42.9	99.9	265.0	50.5	50.3	4.4	319.2	999.9	99.9	999.9	44.7	105.
31.5	83.0	8668.8	313.0	-43.5	99.9	264.1	50.2	49.9	5.1	320.2	999.9	99.9	999.9	45.8	105.
31.9	84.0	8799.0	307.0	-43.8	99.9	262.9	49.9*	49.6	6.2	321.6	999.9	99.9	999.9	47.2	104.
32.3	85.0	8909.1	302.0	-44.5	99.9	261.6	50.1*	49.5	7.4	322.1	999.9	99.9	999.9	48.3	104.
32.8	86.0	9065.8	295.0	-45.6	99.9	261.8	51.5*	51.0	7.4	322.3	999.9	99.9	999.9	49.5	103.
33.4	87.0	9202.3	289.0	-46.6	99.9	265.5	54.1*	53.9	4.2	323.1	999.9	99.9	999.9	51.4	102.
33.8	88.0	9318.1	284.0	-46.9	99.9	268.6	54.2*	54.2	1.3	324.3	999.9	99.9	999.9	52.8	102.
34.4	89.0	9459.5	278.0	-47.0	99.9	272.5	52.4*	52.4	-2.3	326.1	999.9	99.9	999.9	54.5	101.
34.8	90.0	9579.8	273.0	-47.0	99.9	273.2	51.0*	51.0	-2.8	327.8	999.9	99.9	999.9	55.9	101.
35.4	91.0	9751.6	266.0	-47.5	99.9	271.8	50.9*	50.9	-1.6	329.6	999.9	99.9	999.9	57.4	101.
35.8	92.0	9876.8	261.0	-48.6	99.9	270.7	51.8*	51.8	-0.7	329.7	999.9	99.9	999.9	58.8	101.
36.4	93.0	10003.7	256.0	-49.5	99.9	270.2	50.5*	50.5	-0.2	330.2	999.9	99.9	999.9	60.7	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
2100 GMT

154 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.7	94.0	10132.7	251.0	-50.3	99.9	270.0	48.7*	48.7	0.0	331.0	999.9	99.9	999.9	61.6	100.
37.2	95.0	10264.1	246.0	-50.3	99.9	269.3	47.6*	47.6	0.6	332.9	999.9	99.9	999.9	63.0	100.
37.7	96.0	10425.0	240.0	-50.9	99.9	269.2	52.1*	52.0	0.7	334.3	999.9	99.9	999.9	64.1	100.
38.3	97.0	10562.0	235.0	-51.3	99.9	270.6	61.0*	61.0	-0.7	335.7	999.9	99.9	999.9	66.3	100.
38.8	98.0	10701.8	230.0	-51.2	99.9	271.8	65.4*	65.4	-2.1	338.0	999.9	99.9	999.9	68.2	99.
39.3	99.0	10844.5	225.0	-51.6	99.9	271.5	63.2*	63.1	-1.7	339.4	999.9	99.9	999.9	70.3	99.
39.8	100.0	10990.5	220.0	-51.0	99.9	268.9	53.0*	53.0	1.0	342.5	999.9	99.9	999.9	72.4	99.
40.4	101.0	11170.4	214.0	-51.2	99.9	262.9	37.9*	37.6	4.7	345.0	999.9	99.9	999.9	73.8	99.
41.0	102.0	11292.7	210.0	-52.3	99.9	259.9	31.8*	31.3	5.6	345.2	999.9	99.9	999.9	74.6	98.
41.5	103.0	11448.6	205.0	-52.6	99.9	264.3	36.8*	36.6	3.7	347.1	999.9	99.9	999.9	75.6	98.
42.0	104.0	11575.9	201.0	-52.4	99.9	268.8	47.9*	47.9	1.0	349.3	999.9	99.9	999.9	76.5	98.
42.4	105.0	11738.9	196.0	-52.3	99.9	271.0	58.3*	58.3	-1.0	352.1	999.9	99.9	999.9	78.1	98.
43.0	106.0	11872.3	192.0	-52.3	99.9	273.0	70.5*	70.4	-3.7	354.1	999.9	99.9	999.9	80.1	98.
43.5	107.0	12008.4	188.0	-52.4	99.9	273.8	71.4*	71.2	-4.8	356.0	999.9	99.9	999.9	83.0	98.
44.1	108.0	12182.6	183.0	-52.7	99.9	273.3	60.1*	60.0	-3.5	358.3	999.9	99.9	999.9	85.3	97.
44.7	109.0	12325.3	179.0	-52.9	99.9	272.7	51.1*	51.1	-2.4	360.3	999.9	99.9	999.9	87.1	97.
45.4	110.0	12470.9	175.0	-53.3	99.9	273.0	51.9*	51.9	-2.7	361.9	999.9	99.9	999.9	89.0	97.
46.1	111.0	12657.5	170.0	-53.3	99.9	272.4	45.8*	45.8	-1.9	364.9	999.9	99.9	999.9	91.6	97.
46.6	112.0	12811.2	166.0	-52.4	99.9	269.4	36.8*	36.8	0.4	368.9	999.9	99.9	999.9	92.6	97.
47.3	113.0	12968.8	162.0	-52.6	99.9	264.1	31.0*	30.9	3.2	371.3	999.9	99.9	999.9	93.8	97.
47.8	114.0	13130.0	158.0	-53.7	99.9	263.0	30.0*	29.8	3.6	372.1	999.9	99.9	999.9	94.7	97.
48.4	115.0	13253.3	155.0	-53.3	99.9	264.2	31.2*	31.1	3.2	374.6	999.9	99.9	999.9	95.7	97.
49.2	116.0	13464.1	150.0	-54.0	99.9	268.1	40.2*	40.2	1.4	377.1	999.9	99.9	999.9	97.2	96.
49.7	117.0	13637.4	146.0	-54.6	99.9	267.5	44.1*	44.1	2.0	378.9	999.9	99.9	999.9	98.7	96.
50.4	118.0	13770.3	143.0	-54.5	99.9	261.1	41.5*	41.0	6.4	381.4	999.9	99.9	999.9	100.5	96.
50.9	119.0	13951.7	139.0	-55.3	99.9	257.9	42.7*	41.7	8.9	383.1	999.9	99.9	999.9	101.6	96.
51.6	120.0	14137.8	135.0	-55.9	99.9	260.5	53.1*	52.4	8.7	385.2	999.9	99.9	999.9	103.2	96.
52.3	121.0	14280.5	132.0	-56.9	99.9	261.8	54.2*	53.6	7.7	385.9	999.9	99.9	999.9	106.1	95.
52.8	122.0	14425.5	129.0	-57.4	99.9	260.0	45.1*	44.4	7.8	387.6	999.9	99.9	999.9	107.6	95.
53.5	123.0	14624.8	125.0	-57.9	99.9	258.0	32.6*	31.9	6.8	390.2	999.9	99.9	999.9	109.0	95.
54.2	124.0	14777.8	122.0	-58.4	99.9	261.3	30.7*	30.4	4.6	391.9	999.9	99.9	999.9	110.1	95.
54.8	125.0	14934.3	119.0	-58.6	99.9	264.2	32.8*	32.6	3.3	394.4	999.9	99.9	999.9	111.2	95.
55.5	126.0	15149.0	115.0	-58.9	99.9	267.5	35.3*	35.2	1.6	397.7	999.9	99.9	999.9	112.7	94.
56.1	127.0	15314.8	112.0	-59.1	99.9	269.4	36.2*	36.2	0.4	400.4	999.9	99.9	999.9	113.9	94.
56.7	128.0	15543.0	108.0	-58.8	99.9	270.4	34.5*	34.5	-0.3	405.2	999.9	99.9	999.9	115.3	94.
57.4	129.0	15719.2	105.0	-59.1	99.9	269.9	30.3*	30.3	0.0	407.8	999.9	99.9	999.9	116.6	94.
58.2	130.0	15901.3	102.0	-59.6	99.9	270.9	29.4*	29.4	-0.5	410.2	999.9	99.9	999.9	118.0	94.
58.9	131.0	16088.0	99.0	-59.6	99.9	273.5	30.9*	30.8	-1.9	413.7	999.9	99.9	999.9	119.2	94.
59.6	132.0	16280.3	96.0	-60.0	99.9	273.5	32.9*	32.9	-2.0	416.7	999.9	99.9	999.9	120.6	94.
60.3	133.0	16478.6	93.0	-59.8	99.9	271.1	36.0*	36.0	-0.7	420.8	999.9	99.9	999.9	122.0	94.
60.9	134.0	16683.3	90.0	-60.3	99.9	269.4	41.0*	41.0	0.4	423.8	999.9	99.9	999.9	123.3	94.
61.6	135.0	16895.0	87.0	-59.6	99.9	266.5	41.1*	41.0	2.5	429.3	999.9	99.9	999.9	125.1	94.
62.4	136.0	17114.3	84.0	-60.0	99.9	260.1	33.3*	32.8	5.7	432.9	999.9	99.9	999.9	126.7	94.
63.2	137.0	17340.5	81.0	-61.6	99.9	268.8	48.2*	48.2	1.0	434.1	999.9	99.9	999.9	128.5	94.
64.1	138.0	17573.8	78.0	-62.5	99.9	274.9	49.4*	49.2	-4.3	436.9	999.9	99.9	999.9	131.5	94.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
2100 GMT

154 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.0	139.0	17900.1	74.0	-60.7	99.9	276.4	21.1*	21.0	-2.3	447.4	999.9	99.9	999.9	133.3	94.
65.8	140.0	18157.7	71.0	-60.5	99.9	268.0	14.9*	14.9	0.5	453.1	999.9	99.9	999.9	134.1	94.
66.7	141.0	18427.1	68.0	-59.8	99.9	267.4	23.5*	23.5	1.1	460.3	999.9	99.9	999.9	135.3	94.
67.7	142.0	18708.3	65.0	-60.9	99.9	278.3	13.9*	13.7	-2.0	463.9	999.9	99.9	999.9	136.6	94.
68.6	143.0	19002.5	62.0	-60.3	99.9	277.6	19.4*	19.3	-2.6	471.4	999.9	99.9	999.9	137.3	94.
69.5	144.0	19311.3	59.0	-60.9	99.9	276.6	19.8*	19.6	-2.3	476.9	999.9	99.9	999.9	139.7	94.
70.6	145.0	19634.6	56.0	-62.5	99.9	273.4	18.8*	18.8	-1.1	480.4	999.9	99.9	999.9	138.8	94.
71.7	146.0	19975.2	53.0	-61.4	99.9	262.0	14.4*	14.3	2.0	490.5	999.9	99.9	999.9	140.8	94.
72.7	147.0	20337.9	50.0	-59.8	99.9	263.4	6.0*	6.0	0.7	502.6	999.9	99.9	999.9	141.4	94.
73.8	148.0	20591.9	48.0	-61.8	99.9	270.8	28.5*	28.5	-0.4	503.8	999.9	99.9	999.9	141.5	94.
75.2	149.0	20991.8	45.0	-61.4	99.9	245.9	16.1*	14.7	6.6	514.1	999.9	99.9	999.9	145.1	93.
76.4	150.0	21419.7	42.0	-61.4	99.9	261.6	17.7*	17.6	2.6	524.3	999.9	99.9	999.9	146.4	93.
77.7	151.0	21879.2	39.0	-61.6	99.9	194.6	7.7*	1.9	7.4	535.1	999.9	99.9	999.9	145.7	93.
79.0	152.0	22373.9	36.0	-62.7	99.9	270.9	14.0*	14.0	-0.2	544.6	999.9	99.9	999.9	147.8	93.
80.4	153.0	22726.3	34.0	-62.7	99.9	273.0	20.8*	20.7	-1.1	553.6	999.9	99.9	999.9	148.3	93.
82.0	154.0	23296.9	31.0	-61.8	99.9	270.1	27.9*	27.9	-0.1	570.9	999.9	99.9	999.9	150.1	93.
83.6	155.0	23709.7	29.0	-62.0	99.9	267.4	33.2*	33.2	1.5	581.4	999.9	99.9	999.9	152.8	93.
85.6	156.0	24629.1	25.0	-61.4	99.9	999.9	99.9	99.9	99.9	608.2	999.9	99.9	999.9	999.9	999.
87.3	157.0	25423.6	22.0	-60.5	99.9	999.9	99.9	99.9	99.9	633.5	999.9	99.9	999.9	999.9	999.

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
2315 GMT

156 20. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	79.0	1013.2	0.0	-7.3	300.0	7.7	6.7	-3.8	272.4	278.1	2.2	58.0	0.0	0.
0.1	5.0	120.2	1008.0	-0.0	-7.4	124.0	3.1	-2.6	1.7	272.8	278.5	2.2	57.5	0.6	119.
0.5	6.0	231.8	994.0	-2.1	-9.7	124.0	3.1	-2.6	1.7	271.8	276.6	1.8	55.7	0.6	119.
0.8	7.0	320.2	983.0	-2.9	-10.1	255.0	0.4	0.4	0.1	271.9	276.6	1.8	57.5	0.5	119.
1.3	8.0	401.0	973.0	-3.9	-10.2	296.3	6.7	6.0	-3.0	271.6	276.3	1.8	61.4	0.7	118.
1.6	9.0	490.7	962.0	-4.7	-10.1	297.8	9.8	8.7	-4.6	271.7	276.5	1.8	65.7	0.8	118.
2.0	10.0	581.0	951.0	-5.8	-9.8	301.1	10.9	8.4	-5.6	271.5	276.5	1.9	73.3	1.1	118.
2.3	11.0	688.7	938.0	-7.1	-10.5	305.2	9.7	8.0	-5.6	271.2	276.0	1.8	76.4	1.3	119.
2.6	12.0	772.2	928.0	-7.8	-10.2	311.2	8.9	6.7	-5.8	271.3	276.2	1.9	83.2	1.4	120.
3.0	13.0	856.3	918.0	-8.6	-10.4	321.8	8.7	5.4	-6.8	271.4	276.3	1.9	86.8	1.6	121.
3.3	14.0	949.7	907.0	-9.3	-10.9	328.6	9.3	4.9	-8.0	271.5	276.3	1.8	88.0	1.8	124.
3.6	15.0	1035.4	897.0	-9.6	-11.0	331.8	10.0	4.7	-8.8	272.1	276.9	1.8	89.6	1.9	126.
4.0	16.0	1139.4	885.0	-10.2	-11.4	328.8	10.5	5.5	-9.0	272.5	277.3	1.8	90.8	2.1	129.
4.3	17.0	1235.7	874.0	-11.2	-11.9	326.4	10.1	5.6	-8.5	272.5	277.1	1.8	94.2	2.3	131.
4.5	18.0	1324.3	864.0	-9.6	-12.0	324.8	9.9	5.7	-8.1	275.0	279.7	1.8	82.6	2.5	131.
4.9	19.0	1414.3	854.0	-9.7	-13.3	313.7	9.7	7.0	-6.7	275.8	280.1	1.6	75.1	2.7	132.
5.2	20.0	1505.4	844.0	-8.7	-13.6	304.3	10.4	8.6	-5.9	277.8	282.1	1.6	67.6	2.9	132.
5.6	21.0	1616.8	832.0	-7.1	-13.6	297.0	11.6	10.4	-5.3	280.6	285.0	1.6	59.5	3.1	131.
6.0	22.0	1711.1	822.0	-6.8	-14.2	300.2	11.2	9.7	-5.6	281.9	286.2	1.6	55.7	3.4	129.
6.4	23.0	1806.7	812.0	-7.0	-14.5	305.3	11.8	9.7	-6.9	282.7	287.0	1.5	55.0	3.7	129.
6.7	24.0	1903.4	802.0	-7.0	-13.6	309.5	12.7	9.8	-8.1	283.7	288.4	1.7	58.9	3.9	129.
7.1	25.0	2001.5	792.0	-6.2	-13.7	313.8	14.2	10.2	-9.8	285.5	290.3	1.7	55.2	4.2	129.
7.5	26.0	2121.1	780.0	-5.8	-14.2	315.9	15.3	10.6	-11.0	287.3	291.9	1.6	51.0	4.6	130.
7.8	27.0	2212.0	771.0	-5.8	-14.9	315.3	15.6	11.0	-11.1	288.2	292.7	1.6	48.3	4.9	131.
8.1	28.0	2303.9	762.0	-6.5	-16.4	314.4	15.9	11.3	-11.1	288.4	292.3	1.4	45.1	5.2	131.
8.5	29.0	2407.2	752.0	-6.7	-18.0	312.2	15.8	11.7	-10.6	289.3	292.8	1.2	40.0	5.5	131.
8.9	30.0	2511.6	742.0	-7.3	-19.7	310.4	15.7	11.9	-10.2	289.7	292.9	1.1	36.1	5.9	131.
9.4	31.0	2606.6	733.0	-7.7	-21.6	308.6	16.0	12.5	-10.0	290.2	293.0	0.9	31.8	6.4	131.
9.7	32.0	2702.6	724.0	-8.4	-23.1	307.7	16.6	13.1	-10.1	290.4	292.9	0.8	29.4	6.7	131.
10.1	33.0	2799.5	715.0	-9.0	-25.3	306.6	17.5	14.1	-10.5	290.8	292.9	0.7	25.3	7.1	131.
10.5	34.0	2897.5	706.0	-9.2	-28.1	305.9	18.5	15.0	-10.8	291.7	293.3	0.5	19.7	7.5	130.
10.8	35.0	3007.7	696.0	-9.9	-29.4	305.7	18.6	15.1	-10.9	292.0	293.5	0.5	18.4	7.9	130.
11.3	36.0	3130.5	685.0	-10.3	-30.3	305.0	18.8	15.4	-10.8	292.9	294.3	0.4	17.5	8.4	130.
11.6	37.0	3232.1	676.0	-11.5	-31.2	304.1	18.9	15.7	-10.6	292.7	294.0	0.4	17.5	8.7	130.
12.0	38.0	3334.7	667.0	-12.5	-31.7	302.2	19.4	16.5	-10.4	292.7	294.0	0.4	18.1	9.2	129.
12.3	39.0	3426.8	659.0	-13.0	-33.3	300.6	19.9	17.2	-10.1	293.1	294.2	0.3	16.2	9.5	129.
12.6	40.0	3531.5	650.0	-13.2	-34.8	299.2	20.3	17.7	-9.9	294.1	295.1	0.3	14.2	9.9	129.
13.1	41.0	3661.3	639.0	-14.0	-36.1	297.5	20.6	18.3	-9.5	294.6	295.4	0.3	13.3	10.5	128.
13.4	42.0	3756.8	631.0	-14.6	-36.6	296.9	20.7	18.5	-9.4	295.0	295.8	0.3	13.3	10.9	128.
13.8	43.0	3865.4	622.0	-15.8	-37.1	296.2	21.1	18.9	-9.3	294.8	295.6	0.2	14.0	11.4	127.
14.1	44.0	3975.1	613.0	-16.6	-36.7	295.6	21.4	19.3	-9.2	295.1	295.9	0.3	15.5	11.8	127.
14.5	45.0	4073.7	605.0	-17.3	-36.7	294.5	21.8	19.9	-9.1	295.4	296.2	0.3	16.6	12.2	126.
14.8	46.0	4185.8	596.0	-18.5	-37.6	293.6	22.1	20.2	-8.8	295.2	296.0	0.2	16.7	12.7	126.
15.3	47.0	4286.3	588.0	-19.6	-38.2	291.9	22.4	20.8	-8.3	295.1	295.9	0.2	17.2	13.3	125.
15.6	48.0	4388.0	580.0	-20.2	-38.6	290.9	22.7	21.2	-8.1	295.6	296.4	0.2	17.3	13.7	125.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
2315 GMT

156 20. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.9	49.0	4490.7	572.0	-21.2	-39.5	290.1	22.9	21.5	-7.9	295.5	296.2	0.2	17.4	14.1	124.
16.4	50.0	4594.4	564.0	-22.3	-40.6	289.2	23.4	22.1	-7.7	295.5	296.1	0.2	17.0	14.7	124.
16.9	51.0	4725.7	554.0	-23.0	-41.4	288.7	23.7	22.5	-7.6	296.2	296.8	0.2	16.6	15.5	123.
17.3	52.0	4845.5	545.0	-23.9	-42.1	288.0	23.8	22.6	-7.4	296.5	297.0	0.2	16.6	16.0	123.
17.6	53.0	4939.7	538.0	-25.1	-42.8	287.3	23.9	22.8	-7.1	296.2	296.7	0.2	17.2	16.4	122.
18.1	54.0	5048.3	530.0	-26.1	-43.6	285.9	24.2	23.3	-6.6	296.2	296.7	0.1	17.3	17.1	122.
18.4	55.0	5158.2	522.0	-26.8	-44.2	285.2	24.6	23.7	-6.4	296.7	297.1	0.1	17.4	17.6	121.
19.1	56.0	5283.4	513.0	-28.0	-44.9	285.0	25.8	24.9	-6.7	296.7	297.1	0.1	17.9	18.5	120.
19.4	57.0	5396.0	505.0	-29.2	-45.6	285.5	26.4	25.4	-7.0	296.6	297.0	0.1	18.5	19.0	120.
19.9	58.0	5509.9	497.0	-30.1	-46.6	286.7	26.9	25.8	-7.8	296.8	297.2	0.1	18.1	19.8	119.
20.4	59.0	5610.7	490.0	-30.9	-47.2	288.4	26.7	25.3	-8.4	297.1	297.4	0.1	18.2	20.6	119.
20.9	60.0	5727.4	482.0	-31.5	-48.0	290.2	25.5	23.9	-8.8	297.6	298.0	0.1	17.8	21.4	118.
21.4	61.0	5831.0	475.0	-31.4	-47.9	292.4	24.5	22.6	-9.3	299.1	299.4	0.1	17.7	22.1	118.
21.9	62.0	5936.0	468.0	-31.7	-48.1	294.7	25.0	22.7	-10.4	300.0	300.4	0.1	17.8	22.8	118.
22.3	63.0	6058.0	460.0	-31.5	-48.2	296.5	25.9	23.2	-11.6	301.6	302.0	0.1	17.3	23.4	118.
22.8	64.0	6166.6	453.0	-31.1	-47.7	299.2	26.7	23.3	-13.0	303.5	303.9	0.1	17.7	24.2	118.
23.3	65.0	6277.0	446.0	-31.4	-47.9	301.7	27.3	23.2	-14.3	304.5	304.9	0.1	17.7	25.0	118.
23.8	66.0	6421.1	437.0	-32.1	-48.6	303.0	28.0	23.5	-15.3	305.4	305.8	0.1	17.3	25.8	118.
24.2	67.0	6535.0	430.0	-32.9	-49.3	303.0	28.5	23.9	-15.5	305.8	306.2	0.1	17.4	26.5	118.
24.6	68.0	6650.4	423.0	-33.3	-49.6	302.2	28.8	24.3	-15.3	306.8	307.1	0.1	17.4	27.2	118.
25.1	69.0	6767.5	416.0	-34.2	-50.6	300.6	28.9	24.9	-14.7	307.0	307.4	0.1	17.1	28.1	119.
25.5	70.0	6886.1	409.0	-34.7	-51.2	299.5	28.9	25.1	-14.2	307.9	308.1	0.1	16.6	28.8	119.
26.1	71.0	7023.8	401.0	-35.6	-51.7	298.5	28.6	25.2	-13.7	308.4	308.7	0.1	17.2	29.8	119.
26.5	72.0	7146.2	394.0	-36.2	-52.2	297.9	28.6	25.3	-13.4	309.2	309.5	0.1	17.2	30.5	119.
26.9	73.0	7270.5	387.0	-36.6	-52.3	296.8	28.9	25.8	-13.0	310.3	310.6	0.1	17.7	31.2	119.
27.4	74.0	7378.7	381.0	-37.1	-52.5	294.8	29.1	26.5	-12.2	311.0	311.3	0.1	18.2	32.1	119.
27.9	75.0	7506.7	374.0	-37.8	-52.8	292.2	29.5	27.3	-11.1	311.8	312.0	0.1	18.7	33.0	118.
28.5	76.0	7618.1	368.0	-38.3	-53.1	288.8	30.8	29.2	-9.9	312.5	312.8	0.1	19.2	34.0	118.
29.0	77.0	7731.1	362.0	-38.9	-53.7	286.3	32.9	31.6	-9.2	313.2	313.5	0.1	18.8	34.9	118.
29.5	78.0	7864.8	355.0	-39.8	-54.9	284.7	35.5	34.3	-9.0	313.8	999.9	99.9	999.9	35.9	117.
30.1	79.0	8000.8	348.0	-40.3	-55.9	283.8	38.7	37.5	-9.2	314.9	999.9	99.9	999.9	37.2	117.
30.6	80.0	8139.1	341.0	-41.2	-56.9	282.6	40.6	39.6	-8.8	315.6	999.9	99.9	999.9	38.4	117.
31.2	81.0	8279.2	334.0	-41.9	-57.9	279.6	40.1	39.5	-6.7	316.5	999.9	99.9	999.9	39.9	116.
31.6	82.0	8402.5	328.0	-42.4	-58.9	277.1	38.3	38.0	-4.7	317.4	999.9	99.9	999.9	40.8	116.
32.2	83.0	8527.0	322.0	-43.2	-59.9	274.3	35.5	35.4	-2.6	317.9	999.9	99.9	999.9	42.0	115.
32.6	84.0	8653.5	316.0	-43.9	-60.9	273.6	35.3	35.2	-2.2	318.7	999.9	99.9	999.9	42.7	115.
33.1	85.0	8782.0	310.0	-44.6	-61.9	274.0	37.8	37.7	-2.6	319.5	999.9	99.9	999.9	43.7	114.
33.5	86.0	8934.7	303.0	-45.3	-62.9	274.2	40.5	40.4	-2.9	320.5	999.9	99.9	999.9	44.7	114.
34.0	87.0	9067.7	297.0	-46.8	-63.9	273.3	43.5	43.4	-2.5	320.4	999.9	99.9	999.9	45.7	113.
34.4	88.0	9180.0	292.0	-47.8	-64.9	272.1	45.3	45.3	-1.7	320.5	999.9	99.9	999.9	46.8	113.
34.9	89.0	9316.6	286.0	-48.8	-65.9	270.6	46.7	46.7	-0.5	320.9	999.9	99.9	999.9	48.2	112.
35.4	90.0	9432.5	281.0	-49.5	-66.9	270.2	47.5	47.5	-0.2	321.5	999.9	99.9	999.9	49.4	111.
36.0	91.0	9574.0	275.0	-49.1	-67.9	272.4	49.1*	49.0	-2.0	324.1	999.9	99.9	999.9	51.0	111.
36.5	92.0	9694.3	270.0	-49.7	-68.9	275.0	51.4*	51.3	-4.5	325.0	999.9	99.9	999.9	52.4	110.
36.9	93.0	9841.3	264.0	-50.0	-69.9	275.7	52.7*	52.4	-5.3	326.6	999.9	99.9	999.9	53.8	110.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
2315 GMT

156 20. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.4	94.0	9966.1	259.0	-50.6	99.9	275.6	53.3*	53.0	-5.2	327.5	999.9	99.9	999.9	55.3	110.
37.9	95.0	10093.0	254.0	-51.0	99.9	274.9	53.5*	53.3	-4.6	328.7	999.9	99.9	999.9	56.8	109.
38.5	96.0	10248.5	248.0	-51.2	99.9	274.5	54.3*	54.1	-4.2	330.7	999.9	99.9	999.9	58.7	109.
39.1	97.0	10380.9	243.0	-51.2	99.9	274.4	55.3*	55.1	-4.3	332.7	999.9	99.9	999.9	60.6	108.
39.6	98.0	10516.1	238.0	-51.0	99.9	273.7	54.7*	54.6	-3.5	334.9	999.9	99.9	999.9	62.3	108.
40.2	99.0	10654.1	233.0	-51.5	99.9	272.0	53.1*	53.1	-1.9	336.2	999.9	99.9	999.9	64.2	107.
40.8	100.0	10794.7	228.0	-52.1	99.9	271.7	55.0*	55.0	-1.6	337.4	999.9	99.9	999.9	65.8	107.
41.5	101.0	10967.1	222.0	-52.7	99.9	272.7	59.9*	59.8	-2.8	339.0	999.9	99.9	999.9	68.2	106.
42.0	102.0	11114.4	217.0	-52.3	99.9	272.2	58.7*	58.6	-2.3	341.9	999.9	99.9	999.9	70.3	106.
42.6	103.0	11234.7	213.0	-52.6	99.9	271.5	52.9*	52.9	-1.4	343.3	999.9	99.9	999.9	72.0	106.
43.1	104.0	11388.1	208.0	-52.7	99.9	272.0	48.5*	48.5	-1.7	345.4	999.9	99.9	999.9	73.6	105.
43.7	105.0	11513.4	204.0	-52.7	99.9	273.7	47.9*	47.8	-3.1	347.3	999.9	99.9	999.9	75.0	105.
44.2	106.0	11673.7	199.0	-52.7	99.9	274.7	49.9*	49.7	-4.1	349.8	999.9	99.9	999.9	76.5	105.
44.8	107.0	11804.7	195.0	-52.9	99.9	275.2	49.4*	49.2	-4.4	351.6	999.9	99.9	999.9	78.5	105.
45.4	108.0	11938.4	191.0	-52.9	99.9	275.5	45.8*	45.6	-4.4	353.7	999.9	99.9	999.9	80.1	104.
46.0	109.0	12109.6	186.0	-52.9	99.9	276.3	43.6*	43.4	-4.8	356.4	999.9	99.9	999.9	81.7	104.
46.5	110.0	12214.4	183.0	-53.2	99.9	276.7	44.1*	43.8	-5.2	357.5	999.9	99.9	999.9	82.9	104.
47.3	111.0	12428.9	177.0	-53.8	99.9	274.7	43.2*	43.1	-3.5	359.9	999.9	99.9	999.9	85.1	104.
47.8	112.0	12575.6	173.0	-54.1	99.9	271.9	39.6*	39.6	-1.3	361.7	999.9	99.9	999.9	86.4	104.
48.4	113.0	12687.8	170.0	-54.3	99.9	269.3	36.9*	36.9	0.5	363.3	999.9	99.9	999.9	87.5	104.
49.0	114.0	12879.0	165.0	-54.6	99.9	270.5	40.9*	40.9	-0.4	365.9	999.9	99.9	999.9	88.7	103.
49.6	115.0	13036.2	161.0	-54.5	99.9	271.3	46.6*	46.6	-1.1	368.7	999.9	99.9	999.9	90.4	103.
50.3	116.0	13238.3	156.0	-54.5	99.9	270.0	48.2*	48.2	0.0	372.1	999.9	99.9	999.9	92.5	103.
51.0	117.0	13404.6	152.0	-54.5	99.9	271.0	47.0*	47.0	-0.8	374.8	999.9	99.9	999.9	94.4	103.
51.6	118.0	13532.1	149.0	-55.1	99.9	272.7	44.2*	44.2	-2.0	375.9	999.9	99.9	999.9	96.0	102.
52.1	119.0	13705.6	145.0	-56.1	99.9	271.4	40.1*	40.1	-1.0	377.1	999.9	99.9	999.9	97.5	102.
52.7	120.0	13838.3	142.0	-56.9	99.9	268.4	38.9*	38.9	1.1	377.9	999.9	99.9	999.9	98.5	102.
53.4	121.0	14019.3	138.0	-56.7	99.9	266.9	45.9*	45.9	2.5	381.3	999.9	99.9	999.9	100.2	102.
54.1	122.0	14205.4	134.0	-57.6	99.9	264.5	50.5*	50.2	4.8	383.1	999.9	99.9	999.9	102.3	102.
54.7	123.0	14348.4	131.0	-57.6	99.9	261.9	46.4*	45.9	6.6	385.6	999.9	99.9	999.9	104.1	101.
55.4	124.0	14544.2	127.0	-57.6	99.9	259.5	36.1*	35.5	6.6	389.0	999.9	99.9	999.9	105.8	101.
56.1	125.0	14695.3	124.0	-57.2	99.9	260.0	30.6*	30.2	5.3	392.3	999.9	99.9	999.9	106.8	101.
56.9	126.0	14902.5	120.0	-57.6	99.9	263.0	31.7*	31.5	3.8	395.4	999.9	99.9	999.9	108.3	100.
57.5	127.0	15062.4	117.0	-57.6	99.9	266.8	36.0*	36.0	2.0	398.2	999.9	99.9	999.9	109.3	100.
58.1	128.0	15226.4	114.0	-57.6	99.9	272.3	45.6*	45.6	-1.8	401.2	999.9	99.9	999.9	110.6	100.
58.7	129.0	15394.4	111.0	-58.6	99.9	274.6	53.9*	53.7	-4.3	402.4	999.9	99.9	999.9	112.6	100.
59.4	130.0	15624.7	107.0	-59.3	99.9	273.5	53.1*	53.0	-3.3	405.3	999.9	99.9	999.9	115.1	100.
60.1	131.0	15802.9	104.0	-59.3	99.9	270.9	43.6*	43.5	-0.7	408.6	999.9	99.9	999.9	117.3	100.
60.8	132.0	15985.7	101.0	-60.5	99.9	270.3	42.3*	42.3	-0.2	409.7	999.9	99.9	999.9	118.5	100.
61.5	133.0	16173.6	98.0	-60.5	99.9	271.9	47.8*	47.8	-1.6	413.2	999.9	99.9	999.9	120.6	99.
62.2	134.0	16367.1	95.0	-60.8	99.9	272.3	39.4*	39.4	-1.6	416.2	999.9	99.9	999.9	122.7	99.
62.9	135.0	16566.6	92.0	-60.8	99.9	270.0	24.1*	24.1	-0.0	420.1	999.9	99.9	999.9	124.1	99.
63.9	136.0	16842.7	88.0	-61.4	99.9	268.4	27.5*	27.5	0.8	424.4	999.9	99.9	999.9	124.6	99.
64.8	137.0	17057.8	85.0	-61.6	99.9	268.9	32.0*	32.0	0.6	428.2	999.9	99.9	999.9	127.2	99.
65.7	138.0	17280.4	82.0	-61.6	99.9	264.5	16.5*	16.4	1.6	432.7	999.9	99.9	999.9	128.1	99.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 FEBRUARY 1975  
2315 GMT

156 20. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.5	139.0	17589.6	78.0	-62.7	99.9	270.0	19.9*	19.9	-0.0	436.6	999.9	99.9	999.9	128.8	99.
67.4	140.0	17831.5	75.0	-62.5	99.9	278.3	41.1*	40.7	-6.0	441.9	999.9	99.9	999.9	130.3	99.
68.3	141.0	18083.3	72.0	-62.7	99.9	282.7	38.9*	38.0	-8.6	446.7	999.9	99.9	999.9	133.0	99.
69.3	142.0	18346.8	69.0	-60.8	99.9	284.3	31.2*	30.3	-7.7	456.1	999.9	99.9	999.9	134.8	99.
70.1	143.0	18623.6	66.0	-60.3	99.9	276.9	21.5*	21.4	-2.6	463.1	999.9	99.9	999.9	136.5	99.
71.1	144.0	18913.1	63.0	-61.0	99.9	265.0	24.3*	24.2	2.1	467.7	999.9	99.9	999.9	137.0	99.
72.3	145.0	19319.0	59.0	-62.9	99.9	269.1	31.6*	31.6	0.5	472.5	999.9	99.9	999.9	139.6	99.
73.3	146.0	19531.3	57.0	-63.0	99.9	270.1	28.2*	28.2	-0.0	476.7	999.9	99.9	999.9	141.2	99.
74.3	147.0	19863.8	54.0	-63.4	99.9	267.1	21.1*	21.1	1.1	483.3	999.9	99.9	999.9	142.8	98.
75.3	148.0	20215.1	51.0	-63.2	99.9	269.4	23.6*	23.6	0.2	491.7	999.9	99.9	999.9	143.9	98.
76.6	149.0	20588.4	48.0	-62.7	99.9	250.2	3.6*	3.4	1.2	501.7	999.9	99.9	999.9	145.4	98.
77.8	150.0	20986.3	45.0	-62.7	99.9	132.6	6.9*	-5.1	4.7	511.0	999.9	99.9	999.9	144.7	98.
79.0	151.0	21411.5	42.0	-62.9	99.9	262.2	22.9*	22.7	3.1	520.7	999.9	99.9	999.9	145.0	98.
80.4	152.0	21866.3	39.0	-64.4	99.9	271.9	45.1*	45.1	-1.5	528.0	999.9	99.9	999.9	148.5	98.
81.9	153.0	22189.0	37.0	-63.4	99.9	274.0	31.6*	31.5	-2.2	538.5	999.9	99.9	999.9	151.7	98.
83.4	154.0	22708.5	34.0	-63.4	99.9	277.1	33.3*	33.0	-4.1	551.7	999.9	99.9	999.9	154.9	98.
84.9	155.0	23276.7	31.0	-62.9	99.9	278.7	10.9*	10.7	-1.6	568.0	999.9	99.9	999.9	156.8	98.
86.6	156.0	23903.7	28.0	-62.9	99.9	117.2	21.7*	-19.3	9.9	584.7	999.9	99.9	999.9	156.7	98.
88.4	157.0	24359.6	26.0	-63.4	99.9	258.1	22.1*	21.6	4.6	595.7	999.9	99.9	999.9	154.9	97.
90.5	158.0	25118.7	23.0	-60.1	99.9	272.9	65.7*	65.6	-3.4	626.6	999.9	99.9	999.9	161.8	97.
92.8	159.0	25988.6	20.0	-61.2	99.9	999.9	99.9	99.9	99.9	648.8	999.9	99.9	999.9	999.9	999.

STATION NO. 340  
LITTLE ROCK, ARK

7 FEBRUARY 1975  
600 GMT

149 44. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.6	79.0	1016.9	-5.6	-11.1	320.0	4.6	3.0	-3.5	266.5	270.6	1.6	65.0	0.0	0.
0.2	5.0	116.9	1012.0	-5.8	-10.8	312.3	3.4	2.5	-2.3	266.7	270.9	1.7	67.6	0.3	142.
0.5	6.0	233.7	997.0	-7.0	-11.3	312.3	3.4	2.5	-2.3	266.6	270.8	1.6	71.0	0.3	142.
0.8	7.0	328.0	985.0	-8.0	-12.9	316.6	5.2	3.6	-3.8	266.5	270.2	1.4	67.6	0.3	140.
1.1	8.0	407.2	975.0	-8.6	-12.7	319.2	7.0	4.5	-5.3	266.6	270.5	1.5	72.3	0.4	139.
1.3	9.0	495.0	964.0	-9.6	-12.7	320.8	8.1	5.1	-6.3	266.5	270.4	1.5	78.4	0.5	140.
1.6	10.0	575.4	954.0	-10.5	-13.2	322.9	9.1	5.5	-7.3	266.4	270.2	1.5	80.7	0.7	140.
2.0	11.0	689.1	940.0	-11.4	-13.5	326.8	8.4	4.6	-7.1	266.6	270.4	1.4	84.4	0.9	141.
2.3	12.0	771.1	930.0	-11.6	-13.9	328.8	6.9	3.6	-5.9	267.2	270.8	1.4	83.5	1.1	142.
2.6	13.0	854.0	920.0	-11.9	-13.2	330.9	5.7	2.8	-5.0	267.7	271.6	1.5	90.5	1.2	143.
3.0	14.0	946.1	909.0	-11.9	-13.3	331.9	4.8	2.3	-4.2	268.6	272.6	1.5	89.2	1.3	144.
3.3	15.0	1039.5	898.0	-10.8	-14.1	326.6	6.4	3.5	-5.3	270.7	274.5	1.4	76.1	1.4	144.
3.7	16.0	1143.6	886.0	-7.7	-14.9	320.2	8.1	5.2	-6.2	274.9	278.6	1.4	56.3	1.6	144.
4.0	17.0	1232.0	876.0	-7.3	-15.1	315.1	9.1	6.4	-6.5	276.3	280.0	1.3	53.4	1.7	144.
4.3	18.0	1330.5	865.0	-7.4	-15.2	313.6	9.2	6.6	-6.3	277.1	280.8	1.4	53.5	1.9	143.
4.6	19.0	1421.0	855.0	-7.6	-15.2	313.4	9.4	6.9	-6.5	277.9	281.7	1.4	54.0	2.0	142.
4.9	20.0	1512.7	845.0	-7.1	-16.3	315.5	10.1	7.1	-7.2	279.3	282.8	1.3	47.7	2.2	141.
5.2	21.0	1624.3	833.0	-6.5	-22.8	317.2	11.0	7.5	-8.1	281.0	283.1	0.7	26.1	2.4	141.
5.5	22.0	1718.6	823.0	-6.7	-22.4	318.6	12.0	7.9	-9.0	281.8	284.0	0.8	27.2	2.6	141.
5.8	23.0	1814.0	813.0	-7.0	-26.0	320.1	12.5	8.0	-9.6	282.5	284.1	0.6	20.2	2.8	141.
6.1	24.0	1910.6	803.0	-6.8	-27.5	321.6	13.3	8.2	-10.4	283.6	285.1	0.5	17.4	3.1	141.
6.4	25.0	1998.5	794.0	-6.8	-26.4	323.1	14.3	8.6	-11.4	284.5	286.2	0.6	19.3	3.3	141.
6.8	26.0	2117.3	782.0	-7.1	-25.0	322.7	15.0	9.1	-11.9	285.5	287.4	0.6	22.4	3.7	141.
7.1	27.0	2217.5	772.0	-7.7	-23.0	321.6	15.2	9.5	-11.9	285.9	288.2	0.8	28.0	4.0	141.
7.4	28.0	2308.6	763.0	-8.2	-19.8	319.9	15.3	9.8	-11.7	286.4	289.4	1.0	38.4	4.2	141.
7.7	29.0	2411.0	753.0	-8.6	-20.2	317.3	15.2	10.3	-11.2	287.0	290.0	1.0	38.4	4.5	141.
8.1	30.0	2504.1	744.0	-9.2	-21.0	313.2	15.1	11.0	-10.3	287.4	290.2	1.0	37.6	4.9	141.
8.4	31.0	2598.2	735.0	-9.5	-21.4	309.9	15.2	11.7	-9.8	288.0	290.8	0.9	37.1	5.1	140.
8.7	32.0	2693.4	726.0	-9.9	-21.7	307.6	15.7	12.5	-9.6	288.6	291.3	0.9	37.3	5.4	140.
9.1	33.0	2789.6	717.0	-10.1	-21.9	305.7	16.9	13.7	-9.8	289.4	292.2	0.9	37.1	5.7	139.
9.4	34.0	2897.7	707.0	-10.8	-22.5	305.1	18.0	14.7	-10.3	289.8	292.4	0.9	37.3	6.0	138.
9.7	35.0	2985.2	699.0	-10.9	-30.1	304.3	18.9	15.6	-10.7	290.5	291.9	0.4	18.7	6.4	137.
10.2	36.0	3118.3	687.0	-10.6	-30.4	302.6	20.0	16.9	-10.8	292.3	293.7	0.4	17.7	7.0	136.
10.5	37.0	3219.6	678.0	-11.4	-30.2	301.4	20.5	17.5	-10.7	292.6	294.0	0.5	19.2	7.4	135.
10.9	38.0	3321.9	669.0	-12.1	-31.5	300.2	21.1	18.2	-10.6	292.9	294.2	0.4	17.9	7.8	135.
11.3	39.0	3413.5	661.0	-12.2	-33.4	299.4	21.8	19.0	-10.7	293.8	294.8	0.3	15.0	8.3	134.
11.6	40.0	3518.6	652.0	-12.9	-35.0	299.0	22.4	19.6	-10.8	294.1	295.1	0.3	13.6	8.7	133.
12.1	41.0	3648.1	641.0	-13.8	-36.4	298.2	22.8	20.1	-10.8	294.6	295.4	0.3	12.7	9.4	132.
12.4	42.0	3743.4	633.0	-14.3	-39.5	297.5	22.8	20.2	-10.5	295.0	295.6	0.2	9.6	9.8	131.
12.8	43.0	3851.9	624.0	-14.9	-44.5	296.2	22.5	20.2	-9.9	295.6	295.9	0.1	5.9	10.3	131.
13.1	44.0	3949.4	616.0	-15.3	-50.5	295.1	22.0	20.0	-9.4	296.2	296.4	0.1	3.1	10.7	130.
13.5	45.0	4060.5	607.0	-15.8	-60.0	293.7	21.2	19.4	-8.5	296.8	296.8	0.0	1.0	11.2	129.
13.8	46.0	4172.9	598.0	-16.4	-60.3	293.8	20.6	18.8	-8.3	297.4	297.5	0.0	1.0	11.6	129.
14.1	47.0	4274.2	590.0	-16.7	-60.5	294.4	20.1	18.3	-8.3	298.2	298.3	0.0	1.0	11.9	128.
14.5	48.0	4376.7	582.0	-16.9	-60.7	296.6	19.9	17.8	-8.9	299.1	299.1	0.0	1.0	12.4	128.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

7 FEBRUARY 1975  
600 GMT

149 44. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.9	49.0	4480.3	574.0	-18.0	-61.4	299.5	20.9	18.2	-10.3	299.0	299.0	0.0	1.0	12.8	127.
15.2	50.0	4585.2	566.0	-18.2	-61.5	301.0	21.8	18.7	-11.2	300.0	300.1	0.0	1.0	13.2	127.
15.6	51.0	4718.2	556.0	-18.7	-61.8	302.0	23.4	19.8	-12.4	300.9	301.0	0.0	1.0	13.8	127.
16.0	52.0	4826.0	548.0	-19.5	-62.3	301.5	24.9	21.3	-13.0	301.2	301.3	0.0	1.0	14.3	127.
16.3	53.0	4935.1	540.0	-20.5	-62.9	299.9	26.1	22.6	-13.0	301.3	301.4	0.0	1.0	14.8	127.
16.6	54.0	5045.4	532.0	-21.1	-63.4	298.1	27.1	23.9	-12.8	301.8	301.9	0.0	1.0	15.3	127.
17.0	55.0	5157.1	524.0	-21.8	-63.8	295.4	28.0	25.3	-12.0	302.3	302.4	0.0	1.0	15.9	126.
17.4	56.0	5284.4	515.0	-22.7	-64.4	293.1	27.7	25.5	-10.9	302.7	302.8	0.0	1.0	16.7	126.
17.7	57.0	5399.0	507.0	-23.8	-65.1	291.8	27.3	25.4	-10.2	302.8	302.8	0.0	1.0	17.1	125.
18.1	58.0	5500.3	500.0	-25.0	-65.9	290.6	27.0	25.2	-9.5	302.5	302.6	0.0	1.0	17.7	125.
18.4	59.0	5617.3	492.0	-26.0	-66.6	290.2	27.1	25.4	-9.4	302.6	302.7	0.0	1.0	18.2	124.
18.8	60.0	5720.9	485.0	-26.4	-63.2	290.3	27.6	25.9	-9.6	303.4	303.4	0.0	1.7	18.8	124.
19.2	61.0	5840.9	477.0	-27.5	-61.1	290.5	28.3	26.5	-9.9	303.5	303.6	0.0	2.4	19.5	123.
19.6	62.0	5947.1	470.0	-28.4	-61.4	290.8	29.0	27.1	-10.3	303.7	303.7	0.0	2.5	20.1	123.
19.9	63.0	6054.4	463.0	-29.5	-61.7	290.8	29.5	27.6	-10.4	303.7	303.7	0.0	2.7	20.6	123.
20.3	64.0	6163.0	456.0	-29.9	-63.7	290.2	30.1	28.2	-10.4	304.5	304.5	0.0	2.1	21.4	122.
20.6	65.0	6273.1	449.0	-30.5	-66.2	289.5	30.5	28.8	-10.2	305.0	305.1	0.0	1.6	21.9	122.
21.1	66.0	6416.7	440.0	-31.6	-70.2	288.2	31.5	30.0	-9.9	305.4	305.5	0.0	1.0	22.8	121.
21.4	67.0	6530.1	433.0	-32.1	-70.6	287.5	32.4	30.9	-9.8	306.2	306.2	0.0	1.0	23.3	121.
21.8	68.0	6645.0	426.0	-32.9	-71.1	286.6	33.6	32.2	-9.6	306.6	306.6	0.0	1.0	24.1	121.
22.2	69.0	6761.4	419.0	-33.7	-71.6	285.5	34.4	33.2	-9.2	307.0	307.1	0.0	1.0	24.9	120.
22.5	70.0	6879.3	412.0	-34.7	-72.3	284.5	34.8	33.7	-8.8	307.2	307.2	0.0	1.0	25.5	120.
23.0	71.0	7016.0	404.0	-35.3	-72.5	282.6	35.1	34.3	-7.6	308.2	308.2	0.0	1.0	26.6	119.
23.4	72.0	7137.6	397.0	-36.1	-72.3	281.4	35.6	34.9	-7.1	308.7	308.7	0.0	1.1	27.3	119.
23.9	73.0	7243.2	391.0	-36.7	-72.3	281.0	36.7	36.0	-7.0	309.2	309.2	0.0	1.2	28.4	118.
24.3	74.0	7368.1	384.0	-37.7	-72.3	281.0	38.0	37.3	-7.2	309.5	309.6	0.0	1.4	29.2	117.
24.6	75.0	7476.5	378.0	-38.4	-72.3	280.8	39.0	38.3	-7.3	310.0	310.1	0.0	1.4	29.9	117.
25.0	76.0	7604.9	371.0	-39.0	-72.4	280.0	40.3	39.7	-7.0	310.8	310.8	0.0	1.5	30.7	117.
25.4	77.0	7716.5	365.0	-39.7	-72.4	277.9	40.6	40.2	-5.6	311.4	311.4	0.0	1.6	31.8	116.
25.8	78.0	7829.7	359.0	-40.4	99.9	275.9	40.4	40.2	-4.2	312.0	999.9	99.9	999.9	32.7	116.
26.2	79.0	7963.6	352.0	-41.5	99.9	275.0	40.2	40.1	-3.5	312.3	999.9	99.9	999.9	33.6	115.
26.5	80.0	8080.1	346.0	-42.3	99.9	275.2	40.4	40.2	-3.7	312.7	999.9	99.9	999.9	34.2	114.
27.0	81.0	8218.0	339.0	-43.1	99.9	277.6	41.9	41.5	-5.6	313.4	999.9	99.9	999.9	35.3	114.
27.3	82.0	8338.1	333.0	-44.1	99.9	278.5	42.8	42.3	-6.3	313.7	999.9	99.9	999.9	36.1	113.
27.7	83.0	8459.8	327.0	-45.3	99.9	278.5	43.7	43.2	-6.5	313.8	999.9	99.9	999.9	37.2	113.
28.2	84.0	8583.2	321.0	-46.0	99.9	276.3	44.3	44.1	-4.9	314.4	999.9	99.9	999.9	38.4	113.
28.5	85.0	8708.7	315.0	-46.3	99.9	274.3	44.7	44.6	-3.4	315.7	999.9	99.9	999.9	39.3	112.
28.9	86.0	8857.9	308.0	-46.8	99.9	272.2	45.6	45.6	-1.7	317.0	999.9	99.9	999.9	40.2	112.
29.4	87.0	8988.1	302.0	-47.5	99.9	270.2	46.3	46.3	-0.2	317.7	999.9	99.9	999.9	41.5	111.
29.7	88.0	9120.4	296.0	-48.4	99.9	269.2	46.2	46.2	0.6	318.3	999.9	99.9	999.9	42.4	111.
30.1	89.0	9232.2	291.0	-49.6	99.9	268.4	45.9	45.9	1.3	318.2	999.9	99.9	999.9	43.4	110.
30.4	90.0	9368.4	285.0	-50.4	99.9	268.5	46.1	46.1	1.2	319.0	999.9	99.9	999.9	44.0	110.
31.0	91.0	9483.7	280.0	-51.1	99.9	270.8	49.2	49.2	-0.7	319.6	999.9	99.9	999.9	45.7	109.
31.4	92.0	9600.9	275.0	-51.4	99.9	272.6	51.3	51.3	-2.4	320.8	999.9	99.9	999.9	46.7	109.
31.8	93.0	9744.2	269.0	-51.3	99.9	274.0	50.6	50.5	-3.5	323.0	999.9	99.9	999.9	48.1	108.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

7 FEBRUARY 1975  
600 GMT

149 44. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.2	94.0	9865.9	264.0	-52.0	99.9	275.0	47.7	47.5	-4.2	323.6	999.9	99.9	999.9	49.4	108.
32.7	95.0	9989.6	259.0	-52.5	99.9	276.0	43.6	43.4	-4.6	324.7	999.9	99.9	999.9	50.6	107.
33.2	96.0	10141.1	253.0	-52.6	99.9	276.4	43.4	43.1	-4.9	326.7	999.9	99.9	999.9	51.8	107.
33.6	97.0	10270.1	248.0	-52.2	99.9	275.7	46.4	46.2	-4.6	329.3	999.9	99.9	999.9	52.7	107.
34.1	98.0	10402.0	243.0	-51.9	99.9	273.3	52.7*	52.6	-3.0	331.6	999.9	99.9	999.9	54.1	107.
34.4	99.0	10536.7	238.0	-52.2	99.9	271.5	56.5*	56.5	-1.5	333.2	999.9	99.9	999.9	55.3	106.
34.9	100.0	10674.0	233.0	-52.6	99.9	269.5	59.6*	59.6	0.5	334.5	999.9	99.9	999.9	56.7	106.
35.4	101.0	10842.5	227.0	-52.6	99.9	269.1	56.7*	56.7	0.9	337.0	999.9	99.9	999.9	59.0	105.
35.9	102.0	10986.5	222.0	-52.0	99.9	270.0	51.3*	51.3	-0.0	340.1	999.9	99.9	999.9	60.2	105.
36.3	103.0	11134.0	217.0	-52.2	99.9	271.4	49.0*	49.0	-1.2	342.1	999.9	99.9	999.9	61.3	105.
36.6	104.0	11254.3	213.0	-52.6	99.9	272.6	48.3*	48.2	-2.2	343.2	999.9	99.9	999.9	62.2	105.
37.2	105.0	11407.6	208.0	-53.1	99.9	275.0	49.7*	49.5	-4.4	344.8	999.9	99.9	999.9	63.9	104.
37.6	106.0	11532.8	204.0	-52.8	99.9	276.4	51.5*	51.2	-5.7	347.2	999.9	99.9	999.9	65.0	104.
38.1	107.0	11660.6	200.0	-52.8	99.9	276.9	53.2*	52.9	-6.4	349.2	999.9	99.9	999.9	66.6	104.
38.6	108.0	11823.8	195.0	-53.3	99.9	276.8	52.5*	52.2	-6.2	351.0	999.9	99.9	999.9	68.5	104.
39.1	109.0	11957.2	191.0	-53.6	99.9	277.2	51.2*	50.8	-6.4	352.5	999.9	99.9	999.9	69.6	104.
39.7	110.0	12093.4	187.0	-53.4	99.9	278.0	50.4*	49.9	-7.1	354.9	999.9	99.9	999.9	71.7	103.
40.1	111.0	12303.2	181.0	-53.6	99.9	277.8	49.6*	49.2	-6.7	358.0	999.9	99.9	999.9	72.8	103.
40.6	112.0	12410.6	178.0	-53.9	99.9	276.1	48.1*	47.8	-5.1	359.2	999.9	99.9	999.9	74.3	103.
41.1	113.0	12556.7	174.0	-53.4	99.9	274.5	46.1*	46.0	-3.6	362.3	999.9	99.9	999.9	75.8	103.
41.6	114.0	12744.4	169.0	-53.4	99.9	275.3	45.6*	45.4	-4.2	365.4	999.9	99.9	999.9	77.0	103.
42.1	115.0	12859.5	166.0	-53.9	99.9	278.2	48.8*	48.3	-6.9	366.4	999.9	99.9	999.9	78.4	103.
42.7	116.0	13055.6	161.0	-54.7	99.9	280.6	49.5*	48.6	-9.1	368.3	999.9	99.9	999.9	80.2	103.
43.2	117.0	13216.3	157.0	-55.3	99.9	281.8	41.3*	40.4	-8.4	369.9	999.9	99.9	999.9	82.2	103.
43.7	118.0	13380.7	153.0	-56.0	99.9	281.3	34.9*	34.2	-6.9	371.5	999.9	99.9	999.9	82.7	103.
44.3	119.0	13506.5	150.0	-56.8	99.9	278.6	42.8*	42.3	-6.4	372.2	999.9	99.9	999.9	83.7	103.
44.8	120.0	13677.5	146.0	-57.5	99.9	278.2	50.5*	50.0	-7.2	373.9	999.9	99.9	999.9	85.5	103.
45.3	121.0	13808.6	143.0	-57.5	99.9	278.8	48.3*	47.7	-7.4	376.2	999.9	99.9	999.9	87.3	103.
45.9	122.0	13987.9	139.0	-57.5	99.9	278.3	41.6*	41.2	-6.0	379.2	999.9	99.9	999.9	88.7	103.
46.4	123.0	14125.5	136.0	-58.2	99.9	276.1	43.0*	42.8	-4.6	380.4	999.9	99.9	999.9	89.6	102.
47.1	124.0	14313.2	132.0	-58.8	99.9	272.9	43.0*	42.9	-2.2	382.4	999.9	99.9	999.9	91.9	102.
47.7	125.0	14457.4	129.0	-59.0	99.9	270.1	37.1*	37.1	-0.1	384.7	999.9	99.9	999.9	93.2	102.
48.4	126.0	14654.8	125.0	-59.4	99.9	267.9	40.7*	40.6	1.5	387.5	999.9	99.9	999.9	94.6	102.
49.0	127.0	14806.9	122.0	-59.5	99.9	267.2	47.1*	47.0	2.3	389.9	999.9	99.9	999.9	95.8	102.
49.6	128.0	15015.2	118.0	-60.1	99.9	266.6	42.4*	42.3	2.5	392.7	999.9	99.9	999.9	98.1	101.
50.2	129.0	15175.8	115.0	-60.6	99.9	265.3	33.6*	33.5	2.7	394.6	999.9	99.9	999.9	99.1	101.
50.9	130.0	15340.1	112.0	-61.1	99.9	267.5	30.6*	30.6	1.3	396.6	999.9	99.9	999.9	100.2	101.
51.6	131.0	15565.9	108.0	-61.3	99.9	275.7	36.6*	36.5	-3.6	400.4	999.9	99.9	999.9	101.5	101.
52.3	132.0	15740.4	105.0	-62.0	99.9	279.8	40.8*	40.2	-6.9	402.2	999.9	99.9	999.9	103.4	101.
52.9	133.0	15919.4	102.0	-62.8	99.9	279.5	36.0*	35.5	-5.9	404.2	999.9	99.9	999.9	104.9	101.
53.6	134.0	16103.2	99.0	-63.0	99.9	277.6	35.6*	35.3	-4.7	407.3	999.9	99.9	999.9	106.0	101.
54.2	135.0	16228.5	97.0	-64.3	99.9	278.5	40.9*	40.5	-6.1	407.1	999.9	99.9	999.9	107.4	101.
55.0	136.0	16485.5	93.0	-65.3	99.9	280.4	35.7*	35.1	-6.5	410.1	999.9	99.9	999.9	109.7	101.
55.8	137.0	16685.0	90.0	-65.7	99.9	280.5	30.4*	29.9	-5.5	413.2	999.9	99.9	999.9	111.0	101.
56.7	138.0	16961.2	86.0	-65.9	99.9	278.0	33.2*	32.9	-4.6	418.2	999.9	99.9	999.9	112.8	101.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

7 FEBRUARY 1975  
600 GMT

149 44. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.7	139.0	17177.1	83.0	-65.3	99.9	273.3	24.5*	24.4	-1.4	423.6	999.9	99.9	999.9	114.9	101.
58.5	140.0	17401.7	80.0	-64.5	99.9	275.6	29.6*	29.4	-2.9	429.7	999.9	99.9	999.9	115.4	101.
59.3	141.0	17636.2	77.0	-63.0	99.9	277.1	36.5*	36.2	-4.5	437.6	999.9	99.9	999.9	117.7	101.
60.2	142.0	17880.9	74.0	-62.8	99.9	278.9	31.3*	30.9	-4.8	443.0	999.9	99.9	999.9	119.1	100.
61.1	143.0	18224.1	70.0	-61.9	99.9	274.9	22.8*	22.7	-1.9	452.1	999.9	99.9	999.9	120.6	100.
62.1	144.0	18495.1	67.0	-62.0	99.9	245.7	15.0*	13.7	6.2	457.4	999.9	99.9	999.9	122.0	100.
63.2	145.0	18777.8	64.0	-63.0	99.9	250.1	25.7*	24.1	8.8	461.4	999.9	99.9	999.9	122.7	100.
64.3	146.0	19074.4	61.0	-61.5	99.9	258.1	24.1*	23.6	5.0	471.0	999.9	99.9	999.9	124.5	100.
65.5	147.0	19388.0	58.0	-60.2	99.9	255.1	15.6*	15.1	4.0	480.7	999.9	99.9	999.9	125.0	99.
66.7	148.0	19719.1	55.0	-60.4	99.9	265.9	39.2*	39.1	2.8	487.7	999.9	99.9	999.9	127.6	99.
67.8	149.0	19949.0	53.0	-62.0	99.9	252.3	14.7*	14.0	4.5	489.1	999.9	99.9	999.9	129.9	99.
69.0	150.0	20308.4	50.0	-63.1	99.9	216.5	6.2*	3.7	5.0	494.7	999.9	99.9	999.9	129.2	99.
70.2	151.0	20688.7	47.0	-63.5	99.9	999.9	99.9	99.9	99.9	502.6	999.9	99.9	999.9	999.9	999.
71.6	152.0	21092.8	44.0	-64.5	99.9	999.9	99.9	99.9	99.9	509.9	999.9	99.9	999.9	999.9	999.

STATION NO. 340  
LITTLE ROCK, ARK

7 FEBRUARY 1975  
1115 GMT

150 37. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	79.0	1017.3	-7.8	-11.6	340.0	2.1	0.7	-2.0	264.2	268.2	1.5	74.0	0.0	0.
0.1	6.0	142.8	1009.0	-7.3	-15.2	162.4	3.8	-1.1	3.0	265.3	268.3	1.2	53.3	0.4	159.
0.4	7.0	235.9	997.0	-7.8	-14.6	162.4	3.8	-1.1	3.0	265.8	269.0	1.2	57.7	0.4	159.
0.7	8.0	322.1	986.0	-8.5	-14.3	160.0	2.2	-0.8	2.0	265.9	269.2	1.3	62.7	0.4	158.
1.0	9.0	409.0	975.0	-9.4	-14.2	39.8	0.3	-0.2	-0.2	265.9	269.3	1.3	67.9	0.3	157.
1.3	10.0	504.6	963.0	-10.2	-14.4	355.0	2.4	0.2	-2.0	265.9	269.3	1.3	71.5	0.4	159.
1.6	11.0	601.1	951.0	-10.8	-14.5	354.9	4.0	0.4	-3.0	266.3	269.7	1.3	74.3	0.5	161.
1.9	12.0	690.5	940.0	-11.4	-17.2	359.6	4.4	0.0	-4.0	266.6	269.4	1.1	61.8	0.5	163.
2.2	13.0	780.5	929.0	-10.8	-31.4	4.5	4.7	-0.4	-4.0	268.0	268.8	0.3	16.3	0.6	166.
2.4	14.0	872.5	918.0	-10.5	-31.2	8.0	4.8	-0.7	-4.0	269.2	270.0	0.3	16.3	0.7	168.
2.8	15.0	956.7	908.0	-10.5	-30.9	350.8	5.9	1.0	-5.0	270.0	270.9	0.3	16.8	0.8	171.
3.2	16.0	1068.0	895.0	-8.9	-29.4	332.4	9.1	4.2	-8.0	272.8	273.8	0.4	17.1	0.9	170.
3.5	17.0	1155.3	885.0	-6.9	-29.9	324.4	12.5	7.3	-10.0	275.8	276.8	0.4	14.0	1.1	166.
3.8	18.0	1253.4	874.0	-4.2	-23.3	321.1	13.8	8.6	-10.0	279.6	281.5	0.7	20.9	1.3	161.
4.1	19.0	1344.1	864.0	-4.4	-22.9	317.9	15.0	10.0	-11.0	280.4	282.4	0.7	21.8	1.6	158.
4.4	20.0	1444.8	853.0	-5.4	-27.0	314.8	16.1	11.4	-11.0	280.3	281.7	0.5	16.3	1.8	155.
4.8	21.0	1555.8	841.0	-5.9	-35.4	312.5	16.4	12.1	-11.0	280.9	281.6	0.2	7.5	2.2	151.
5.1	22.0	1659.0	830.0	-5.7	-35.3	311.4	16.2	12.1	-10.0	282.1	282.8	0.2	7.5	2.5	149.
5.4	23.0	1744.4	821.0	-5.9	-34.0	310.9	15.7	11.9	-10.0	282.8	283.6	0.3	8.6	2.8	147.
5.7	24.0	1850.1	810.0	-5.1	-33.6	311.1	16.3	12.3	-10.0	284.7	285.6	0.3	8.5	3.1	146.
6.0	25.0	1937.2	801.0	-5.4	-35.1	311.6	17.4	13.0	-11.0	285.3	286.1	0.2	7.4	3.3	144.
6.4	26.0	2056.2	789.0	-5.6	-35.2	312.3	18.4	13.6	-12.0	286.4	287.1	0.2	7.4	3.8	143.
6.7	27.0	2166.1	778.0	-6.0	-35.5	312.6	19.2	14.1	-13.0	287.0	287.8	0.2	7.5	4.1	142.
7.1	28.0	2267.3	768.0	-6.6	-32.8	313.1	20.1	14.7	-13.0	287.5	288.5	0.3	10.3	4.6	141.
7.4	29.0	2359.2	759.0	-7.0	-30.4	313.3	20.7	15.1	-14.2	288.0	289.2	0.4	13.5	4.9	141.
7.7	30.0	2452.1	750.0	-7.8	-29.4	313.6	21.2	15.4	-14.6	288.2	289.5	0.4	15.5	5.3	140.
8.0	31.0	2556.3	740.0	-8.7	-29.8	313.8	21.6	15.6	-15.0	288.3	289.7	0.4	16.1	5.7	139.
8.4	32.0	2651.0	731.0	-9.2	-30.2	314.3	22.1	15.8	-15.4	288.7	290.0	0.4	16.2	6.2	139.
8.7	33.0	2757.4	721.0	-10.0	-28.4	314.7	22.0	16.0	-15.9	289.1	290.6	0.5	20.4	6.6	139.
9.1	34.0	2854.1	712.0	-10.7	-28.3	315.4	23.3	16.4	-16.6	289.3	290.9	0.5	21.8	7.2	138.
9.4	35.0	2951.8	703.0	-11.2	-31.5	315.9	23.8	16.5	-17.0	289.7	290.9	0.4	16.8	7.6	138.
9.8	36.0	3084.2	691.0	-10.2	-36.3	316.4	24.0	16.5	-17.4	292.2	293.0	0.2	9.6	8.2	138.
10.1	37.0	3185.2	682.0	-10.0	-31.8	316.8	23.9	16.4	-17.4	293.7	294.9	0.4	14.8	8.6	138.
10.4	38.0	3287.5	673.0	-10.7	-28.3	317.0	23.6	16.1	-17.3	294.0	295.7	0.5	21.8	9.1	138.
10.7	39.0	3391.0	664.0	-11.2	-28.8	317.2	23.3	15.8	-17.1	294.5	296.2	0.5	21.8	9.5	138.
11.1	40.0	3507.3	654.0	-12.0	-30.0	317.4	23.0	15.5	-16.9	295.0	296.5	0.5	20.6	10.0	138.
11.4	41.0	3625.0	644.0	-12.8	-30.7	317.6	22.9	15.4	-16.9	295.3	296.7	0.5	20.6	10.4	138.
11.8	42.0	3732.3	635.0	-13.1	-31.4	318.1	23.1	15.4	-17.2	296.2	297.5	0.4	19.8	11.0	138.
12.1	43.0	3840.9	626.0	-13.9	-32.3	318.3	23.4	15.6	-17.5	296.4	297.7	0.4	19.4	11.4	138.
12.4	44.0	3950.7	617.0	-14.5	-34.0	318.4	23.9	15.9	-17.9	297.0	298.1	0.3	17.1	11.8	138.
12.7	45.0	4062.0	608.0	-14.9	-34.9	317.9	24.5	16.5	-18.2	297.8	298.8	0.3	16.2	12.2	138.
13.1	46.0	4162.2	600.0	-15.0	-35.6	316.6	25.5	17.5	-18.5	298.7	299.7	0.3	15.3	12.8	138.
13.4	47.0	4276.3	591.0	-15.9	-36.2	315.0	26.1	18.5	-18.4	299.1	300.0	0.3	15.3	13.3	138.
13.7	48.0	4378.5	583.0	-16.3	-37.5	313.0	26.5	19.3	-18.0	299.7	300.6	0.3	13.9	13.8	138.
14.1	49.0	4496.0	574.0	-16.4	-37.6	310.2	26.7	20.4	-17.2	300.9	301.8	0.3	13.9	14.4	138.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 340  
LITTLE ROCK, ARK

7 FEBRUARY 1975  
1115 GMT

150 37. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RYD GM/KG	RH PCT	RANGE KM	AZ DG
14.4	50.0	4601.4	566.0	-17.2	-39.0	308.3	26.6	20.9	-16.5	301.1	301.9	0.2	13.0	14.9	137.
14.9	51.0	4734.8	556.0	-18.2	-40.1	306.4	26.4	21.2	-15.7	301.6	302.3	0.2	12.6	15.7	137.
15.2	52.0	4842.8	548.0	-19.3	-41.6	306.5	26.2	21.0	-15.5	301.5	302.1	0.2	11.7	16.2	136.
15.6	53.0	4951.9	540.0	-20.2	-41.9	307.5	25.8	20.5	-15.7	301.7	302.2	0.2	12.3	16.8	136.
16.0	54.0	5062.3	532.0	-21.3	-42.7	309.5	25.6	19.7	-16.3	301.6	302.2	0.2	12.4	17.4	136.
16.3	55.0	5173.9	524.0	-22.2	-43.4	310.5	25.9	19.7	-16.3	301.8	302.4	0.2	12.5	17.8	136.
16.8	56.0	5315.4	514.0	-22.8	-43.8	310.5	26.9	20.5	-17.5	302.8	303.4	0.1	12.6	18.6	136.
17.1	57.0	5430.3	506.0	-23.2	-44.1	309.3	27.8	21.5	-17.6	303.7	304.2	0.1	12.6	19.1	135.
17.5	58.0	5547.0	498.0	-23.2	-44.1	306.6	28.9	23.2	-17.2	305.1	305.6	0.1	12.6	19.8	135.
17.8	59.0	5650.4	491.0	-24.2	-44.9	304.0	29.1	24.2	-16.3	305.0	305.5	0.1	12.7	20.3	135.
18.2	60.0	5770.0	483.0	-25.0	-45.5	300.8	29.5	25.3	-15.1	305.5	305.9	0.1	12.8	21.0	135.
18.6	61.0	5875.9	476.0	-26.1	-46.3	298.4	30.1	26.4	-14.3	305.4	305.9	0.1	12.9	21.7	134.
19.0	62.0	5982.9	469.0	-27.0	-46.6	297.5	31.3	27.8	-14.4	305.6	306.0	0.1	13.5	22.3	133.
19.4	63.0	6106.8	461.0	-27.8	-46.9	297.9	32.7	28.9	-15.3	306.1	306.5	0.1	14.1	23.1	133.
19.8	64.0	6216.5	454.0	-28.9	-47.4	298.5	33.3	29.2	-15.9	306.1	306.5	0.1	14.7	23.9	132.
20.1	65.0	6327.5	447.0	-29.7	-49.3	298.9	33.1	29.0	-16.0	306.5	306.8	0.1	12.8	24.5	132.
20.6	66.0	6472.2	438.0	-30.6	-50.0	299.1	31.6	27.7	-15.4	307.1	307.4	0.1	12.9	25.5	132.
21.0	67.0	6586.6	431.0	-31.2	-50.4	298.7	30.0	26.3	-14.4	307.8	308.1	0.1	12.9	26.2	131.
21.4	68.0	6702.3	424.0	-32.4	-51.3	298.0	28.9	25.5	-13.5	307.7	308.0	0.1	13.1	26.9	131.
21.8	69.0	6836.4	416.0	-33.6	-52.2	297.5	28.7	25.4	-13.3	307.8	308.1	0.1	13.2	27.5	131.
22.2	70.0	6978.1	410.0	-34.6	-53.0	297.4	29.3	26.0	-13.5	307.7	308.0	0.1	13.3	28.2	130.
22.7	71.0	7092.8	401.0	-35.7	-53.8	297.6	30.6	27.1	-14.2	308.3	308.5	0.1	13.4	29.0	130.
23.0	72.0	7215.1	394.0	-36.5	-54.5	297.7	31.3	27.7	-14.6	308.8	309.0	0.1	13.5	29.6	130.
23.4	73.0	7339.0	387.0	-37.6	-54.7	297.6	31.3	27.8	-14.5	308.9	309.1	0.1	14.6	30.4	129.
23.9	74.0	7464.7	380.0	-38.4	-55.4	297.2	30.9	27.5	-14.1	309.5	309.7	0.1	14.7	31.3	129.
24.3	75.0	7573.9	374.0	-39.5	-55.7	297.4	30.7	27.3	-14.1	309.5	309.9	99.9	999.9	32.0	129.
24.7	76.0	7702.9	367.0	-40.5	-55.9	298.2	30.8	27.1	-14.6	309.9	309.9	99.9	999.9	32.7	128.
25.1	77.0	7815.1	361.0	-41.2	-56.1	299.4	30.8	26.8	-15.1	310.4	310.4	99.9	999.9	33.4	128.
25.4	78.0	7947.9	354.0	-41.9	-56.4	299.8	30.4	26.4	-15.1	311.2	311.2	99.9	999.9	34.1	128.
25.9	79.0	8063.4	348.0	-42.9	-56.9	298.8	29.6	26.0	-14.2	311.4	311.4	99.9	999.9	34.9	128.
26.3	80.0	8180.4	342.0	-43.9	-57.4	296.8	29.7	26.5	-13.4	311.6	311.6	99.9	999.9	35.6	128.
26.9	81.0	8319.1	335.0	-44.8	-57.9	294.0	31.4	28.7	-12.8	312.3	312.3	99.9	999.9	36.6	127.
27.3	82.0	8439.8	329.0	-45.3	-58.4	292.6	33.4	30.9	-12.9	313.1	313.1	99.9	999.9	37.4	127.
27.7	83.0	8562.4	323.0	-46.2	-58.9	291.5	35.5	33.0	-13.0	313.5	313.5	99.9	999.9	38.2	127.
28.1	84.0	8707.7	316.0	-47.3	-59.4	290.9	37.3	34.8	-13.3	314.1	314.1	99.9	999.9	39.0	126.
28.6	85.0	8834.3	310.0	-47.9	-59.9	291.7	38.9	36.1	-14.4	314.9	314.9	99.9	999.9	40.1	126.
29.1	86.0	8984.9	303.0	-48.5	-60.4	294.3	39.9	36.4	-16.4	316.2	316.2	99.9	999.9	41.3	125.
29.5	87.0	9094.4	298.0	-48.3	-60.9	296.5	40.3	36.1	-18.0	317.9	317.9	99.9	999.9	42.2	125.
29.9	88.0	9228.3	292.0	-48.5	-61.4	297.2	40.1	35.7	-19.4	319.5	319.5	99.9	999.9	43.3	125.
30.3	89.0	9341.8	287.0	-49.1	-61.9	296.7	39.7	35.5	-17.9	320.2	320.2	99.9	999.9	44.2	125.
30.7	90.0	9480.4	281.0	-49.5	-62.4	295.2	39.2	35.5	-16.7	321.5	321.5	99.9	999.9	45.1	125.
31.1	91.0	9621.6	275.0	-50.1	-62.9	292.8	38.7	35.7	-15.0	322.6	322.6	99.9	999.9	46.1	125.
31.5	92.0	9741.3	270.0	-50.7	-63.4	289.7	38.1	35.9	-12.9	323.4	323.4	99.9	999.9	47.0	124.
32.0	93.0	9863.0	265.0	-50.9	-63.9	285.8	37.6	36.2	-10.2	324.9	324.9	99.9	999.9	48.0	124.
32.3	94.0	10012.1	259.0	-50.7	-64.4	284.4	37.7	36.5	-7.3	327.3	327.3	99.9	999.9	48.7	124.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

7 FEBRUARY 1975  
1115 GMT

150 37. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.8	95.0	10138.9	254.0	-51.4	99.7	283.5	38.6	37.6	-9.0	328.2	999.9	99.9	999.9	49.7	123.
33.3	96.0	10294.4	248.0	-50.7	99.7	284.3	40.6	39.4	-10.0	331.4	999.9	99.9	999.9	50.8	123.
33.7	97.0	10427.2	243.0	-50.6	99.9	284.8	42.4	41.0	-10.8	333.6	999.9	99.9	999.9	51.8	122.
34.1	98.0	10562.8	238.0	-50.3	99.9	284.9	44.2	42.8	-11.4	336.0	999.9	99.9	999.9	52.8	122.
34.6	99.0	10701.3	233.0	-50.6	99.9	285.4	47.1	45.4	-12.5	337.6	999.9	99.9	999.9	54.0	122.
35.0	100.0	10842.7	228.0	-50.7	99.9	286.3	49.7	47.7	-13.9	339.5	999.9	99.9	999.9	55.1	121.
35.5	101.0	11016.3	222.0	-51.1	99.9	286.4	50.8	48.7	-14.3	341.6	999.9	99.9	999.9	56.7	121.
36.0	102.0	11164.4	217.0	-51.4	99.7	284.6	49.5	47.9	-12.5	343.3	999.9	99.9	999.9	58.3	121.
36.5	103.0	11285.4	213.0	-50.7	99.7	283.1	50.0	48.7	-11.3	346.1	999.9	99.9	999.9	59.4	120.
36.9	104.0	11439.9	208.0	-51.5	99.9	283.5	52.7*	51.2	-12.3	347.3	999.9	99.9	999.9	60.6	120.
37.4	105.0	11565.8	204.0	-51.8	99.9	284.4	54.2*	52.5	-13.5	348.7	999.9	99.9	999.9	62.2	119.
37.8	106.0	11726.3	199.0	-52.8	99.9	284.7	51.4*	49.7	-13.0	349.7	999.9	99.9	999.9	63.7	119.
38.2	107.0	11857.3	195.0	-53.3	99.9	284.3	46.2*	44.8	-11.4	350.9	999.9	99.9	999.9	64.9	119.
38.8	108.0	12024.6	190.0	-53.1	99.9	282.3	39.5*	38.6	-8.4	353.8	999.9	99.9	999.9	66.2	118.
39.4	109.0	12161.9	186.0	-52.6	99.9	279.3	40.0*	39.5	-6.5	356.8	999.9	99.9	999.9	67.4	118.
39.8	110.0	12302.4	182.0	-52.3	99.7	277.2	43.9*	43.6	-5.5	359.5	999.9	99.9	999.9	68.3	118.
40.5	111.0	12482.5	177.0	-52.6	99.7	274.9	50.4*	50.2	-4.3	361.9	999.9	99.9	999.9	70.2	117.
40.9	112.0	12629.9	173.0	-53.1	99.9	275.1	50.0*	49.8	-4.4	363.4	999.9	99.9	999.9	71.5	117.
41.4	113.0	12780.6	169.0	-53.4	99.9	275.9	48.7*	48.5	-5.0	365.3	999.9	99.9	999.9	72.8	116.
41.9	114.0	12934.4	165.0	-54.4	99.9	276.7	49.8*	49.4	-5.8	366.2	999.9	99.9	999.9	74.0	116.
42.4	115.0	13091.6	161.0	-54.6	99.9	277.1	51.6*	51.2	-6.4	368.5	999.9	99.9	999.9	75.5	116.
43.1	116.0	13292.9	156.0	-56.1	99.7	276.9	49.0*	48.7	-5.9	369.3	999.9	99.9	999.9	77.7	115.
43.6	117.0	13457.8	152.0	-56.8	99.7	276.3	45.4*	45.1	-5.0	370.9	999.9	99.9	999.9	79.0	115.
44.1	118.0	13583.8	149.0	-58.0	99.7	276.1	44.1*	43.8	-4.7	370.9	999.9	99.9	999.9	80.2	115.
44.7	119.0	13755.2	145.0	-58.1	99.9	276.8	45.2*	44.9	-5.3	373.5	999.9	99.9	999.9	81.7	114.
45.2	120.0	13931.3	141.0	-58.3	99.9	277.5	46.0*	45.6	-5.0	376.2	999.9	99.9	999.9	83.0	114.
45.7	121.0	14066.4	138.0	-59.2	99.9	277.7	45.7*	45.3	-6.1	377.0	999.9	99.9	999.9	84.4	114.
46.2	122.0	14250.6	134.0	-59.4	99.9	277.1	44.4*	44.1	-5.5	379.8	999.9	99.9	999.9	85.7	113.
46.8	123.0	14392.2	131.0	-59.9	99.7	276.2	43.4*	43.1	-4.7	381.3	999.9	99.9	999.9	87.2	113.
47.4	124.0	14536.7	128.0	-60.5	99.7	276.6	44.7*	44.4	-5.1	382.9	999.9	99.9	999.9	88.6	113.
48.0	125.0	14734.0	124.0	-61.6	99.7	277.9	46.7*	46.2	-5.4	384.4	999.9	99.9	999.9	90.3	113.
48.7	126.0	14937.1	120.0	-61.8	99.9	278.7	46.9*	46.4	-7.1	387.6	999.9	99.9	999.9	92.2	112.
49.2	127.0	15093.9	117.0	-61.6	99.9	279.1	46.5*	45.9	-7.3	390.8	999.9	99.9	999.9	93.6	112.
49.8	128.0	15254.9	114.0	-61.6	99.9	280.3	45.6*	44.9	-8.1	393.7	999.9	99.9	999.9	95.2	112.
50.4	129.0	15420.0	111.0	-62.0	99.7	280.7	44.0*	43.2	-8.2	396.0	999.9	99.9	999.9	96.8	112.
51.0	130.0	15589.1	108.0	-62.7	99.7	277.1	40.2*	39.9	-5.0	397.7	999.9	99.9	999.9	98.4	112.
51.7	131.0	15821.2	104.0	-63.7	99.7	273.7	35.9*	35.8	-2.3	400.1	999.9	99.9	999.9	99.8	111.
52.3	132.0	16000.3	101.0	-64.7	99.7	275.9	34.1*	33.9	-3.5	401.6	999.9	99.9	999.9	101.0	111.
52.8	133.0	16184.1	98.0	-65.5	99.9	277.4	33.5*	33.2	-4.3	403.5	999.9	99.9	999.9	102.0	111.
53.4	134.0	16373.4	95.0	-65.1	99.9	277.3	34.0*	33.7	-4.3	407.9	999.9	99.9	999.9	103.1	111.
54.1	135.0	16568.7	92.0	-65.5	99.9	278.8	37.2*	36.8	-5.7	410.8	999.9	99.9	999.9	104.4	110.
54.9	136.0	16770.8	89.0	-64.7	99.7	277.7	35.2*	34.8	-4.7	416.4	999.9	99.9	999.9	106.5	110.
55.8	137.0	16980.0	86.0	-64.9	99.7	273.1	27.3*	27.2	-1.5	420.1	999.9	99.9	999.9	108.0	110.
56.7	138.0	17196.3	83.0	-65.5	99.7	275.7	27.5*	27.3	-2.7	423.1	999.9	99.9	999.9	109.3	110.
57.5	139.0	17420.2	80.0	-65.5	99.7	278.9	31.2*	30.8	-4.8	427.6	999.9	99.9	999.9	110.6	110.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

7 FEBRUARY 1975  
1115 GMT

150 37. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.4	140.0	17732.3	76.0	-65.3	99.9	281.9	34.2*	33.5	-7.0	434.3	999.9	99.9	999.9	112.4	110.
59.3	141.0	17977.3	73.0	-65.7	99.9	280.8	37.9*	37.3	-7.1	438.5	999.9	99.9	999.9	114.3	109.
60.2	142.0	18232.2	70.0	-65.7	99.9	272.3	23.9*	23.9	-1.0	443.8	999.9	99.9	999.9	116.5	109.
61.2	143.0	18498.5	67.0	-65.5	99.9	262.0	19.1*	18.9	2.6	449.8	999.9	99.9	999.9	117.0	109.
62.3	144.0	18682.7	65.0	-65.7	99.9	275.9	33.8*	33.6	-1.5	453.3	999.9	99.9	999.9	118.6	109.
63.5	145.0	18970.3	62.0	-65.1	99.9	278.9	32.9*	32.5	-5.1	460.8	999.9	99.9	999.9	121.2	109.
64.4	146.0	19272.0	59.0	-65.7	99.9	272.1	32.2*	32.2	-1.2	466.0	999.9	99.9	999.9	123.0	108.
65.5	147.0	19590.1	56.0	-64.5	99.9	270.8	29.9*	29.9	-0.4	475.8	999.9	99.9	999.9	124.9	108.
66.7	148.0	19928.5	53.0	-62.2	99.9	281.7	22.6*	22.2	-4.6	488.8	999.9	99.9	999.9	126.9	108.
68.1	149.0	20166.0	51.0	-62.5	99.9	278.8	11.2*	11.1	-1.7	493.3	999.9	99.9	999.9	128.3	108.
69.3	150.0	20539.6	48.0	-62.9	99.9	268.1	7.8*	7.8	0.3	501.0	999.9	99.9	999.9	128.8	108.
70.6	151.0	20936.7	45.0	-63.3	99.9	275.8	13.9*	13.8	-1.4	509.4	999.9	99.9	999.9	129.4	108.
71.9	152.0	21361.5	42.0	-62.5	99.9	286.6	23.9*	22.9	-6.8	521.5	999.9	99.9	999.9	131.2	108.
73.4	153.0	21661.8	40.0	-63.5	99.9	271.4	25.2	25.2	-0.6	526.4	999.9	99.9	999.9	133.1	108.
75.0	154.0	22139.2	37.0	-64.7	99.9	999.9	99.9	99.9	99.9	535.2	999.9	99.9	999.9	999.9	999.

STATION NO. 349  
MONETTE, MO

5 FEBRUARY 1975  
2315 GMT

141 48. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	438.0	966.1	-6.9	-9.0	310.0	5.7	4.4	-3.7	269.1	274.3	2.0	85.0	0.0	0.
0.2	8.0	520.1	956.0	-6.8	-8.5	303.9	8.3	6.9	-4.6	270.1	275.5	2.1	87.1	0.3	121.
0.5	9.0	610.3	945.0	-7.9	-8.5	303.9	8.3	6.9	-4.6	269.8	275.3	2.1	95.8	0.3	121.
0.8	10.0	717.9	932.0	-8.8	-9.0	304.3	7.7	6.3	-4.3	270.0	275.3	2.1	98.3	0.4	122.
1.3	11.0	834.5	918.0	-10.0	-10.0	307.0	6.8	5.4	-4.1	269.9	275.0	1.9	104.5	0.7	123.
1.7	12.0	927.8	907.0	-10.7	-10.7	308.2	7.1	5.6	-4.4	270.1	275.0	1.9	104.8	0.8	124.
2.0	13.0	1021.6	896.0	-11.3	-11.3	307.5	8.0	6.3	-4.8	270.5	275.2	1.8	105.1	0.9	125.
2.3	14.0	1125.9	884.0	-7.7	-7.7	302.3	8.1	6.8	-4.3	275.3	281.7	2.4	104.5	1.1	125.
2.6	15.0	1223.6	873.0	-6.9	-6.9	296.9	8.1	7.2	-3.6	277.1	284.0	2.6	104.6	1.3	124.
3.1	16.0	1350.0	859.0	-6.2	-6.2	288.7	7.8	7.4	-2.5	279.2	286.6	2.8	104.7	1.5	122.
3.4	17.0	1451.0	848.0	-6.0	-6.0	289.6	8.6	8.1	-2.9	280.4	288.0	2.9	104.4	1.6	121.
3.7	18.0	1562.7	836.0	-6.2	-6.2	290.6	8.9	8.3	-3.1	281.4	289.1	2.9	104.4	1.8	120.
4.0	19.0	1656.5	826.0	-6.8	-6.8	291.5	9.1	8.4	-3.3	281.7	289.2	2.8	104.6	1.9	119.
4.4	20.0	1761.5	815.0	-7.4	-7.4	293.0	9.0	8.2	-3.5	282.1	289.4	2.7	104.2	2.1	118.
4.8	21.0	1886.5	802.0	-7.4	-7.4	298.1	8.9	7.9	-4.2	283.4	290.9	2.7	103.9	2.4	118.
5.1	22.0	1994.5	791.0	-7.8	-7.8	300.3	8.9	7.7	-4.5	284.1	291.4	2.7	103.5	2.5	118.
5.5	23.0	2093.5	781.0	-8.1	-8.1	296.4	9.0	8.0	-4.0	284.8	292.0	2.7	103.4	2.7	119.
5.9	24.0	2203.9	770.0	-7.8	-7.8	289.4	9.4	8.8	-3.1	286.3	293.8	2.8	100.8	3.0	118.
6.2	25.0	2305.5	760.0	-8.4	-10.2	283.5	9.2	8.9	-2.1	286.7	293.1	2.3	86.7	3.1	117.
6.6	26.0	2439.3	747.0	-9.1	-12.4	275.8	8.9	8.9	-0.9	287.2	292.8	2.0	76.8	3.3	116.
7.0	27.0	2543.5	737.0	-9.8	-12.5	273.0	9.5	9.5	-0.5	287.6	293.1	2.0	80.0	3.5	115.
7.3	28.0	2648.9	727.0	-10.7	-12.5	273.8	9.9	9.9	-0.7	287.7	293.4	2.0	86.5	3.7	113.
7.7	29.0	2755.3	717.0	-11.4	-12.2	277.2	10.6	10.5	-1.3	288.1	294.0	2.1	94.0	3.9	112.
8.1	30.0	2862.9	707.0	-12.6	-12.8	282.3	11.9	11.6	-2.5	288.0	293.7	2.0	97.8	4.1	111.
8.5	31.0	2960.8	698.0	-12.8	-12.8	286.6	13.6	13.1	-3.9	288.7	294.5	2.0	103.1	4.4	111.
8.8	32.0	3093.4	686.0	-11.8	-14.5	287.6	14.5	13.8	-4.4	291.3	296.4	1.8	80.6	4.7	111.
9.2	33.0	3194.4	677.0	-12.7	-15.8	287.6	15.2	14.5	-4.6	291.4	296.1	1.6	77.2	5.1	111.
9.6	34.0	3307.9	667.0	-13.4	-16.3	286.4	15.3	14.7	-4.3	291.8	296.3	1.5	75.3	5.5	111.
10.0	35.0	3422.7	657.0	-14.2	-19.2	284.8	15.4	14.9	-3.9	292.1	295.8	1.3	65.8	5.8	110.
10.5	36.0	3550.8	646.0	-14.8	-21.8	283.7	16.1	15.6	-3.8	292.9	295.9	1.0	55.2	6.3	110.
10.8	37.0	3656.9	637.0	-15.5	-22.5	282.9	16.3	15.9	-3.7	293.2	296.2	1.0	54.8	6.6	110.
11.2	38.0	3788.2	626.0	-16.2	-24.7	281.5	16.4	16.0	-3.3	293.9	296.4	0.8	47.6	7.0	109.
11.6	39.0	3897.2	617.0	-16.7	-25.7	279.3	16.1	15.9	-2.6	294.5	296.8	0.8	45.3	7.4	109.
12.0	40.0	3995.1	609.0	-17.1	-26.6	276.7	16.0	15.9	-1.9	295.1	297.3	0.7	43.3	7.7	108.
12.5	41.0	4144.3	597.0	-17.5	-27.8	274.4	16.6	16.6	-1.3	296.3	298.3	0.6	40.1	8.3	107.
12.9	42.0	4245.2	589.0	-18.2	-27.7	273.8	17.3	17.2	-1.1	296.6	298.7	0.7	42.9	8.6	107.
13.3	43.0	4372.9	579.0	-19.4	-28.2	273.5	17.6	17.6	-1.1	296.7	298.7	0.6	45.3	9.0	106.
13.6	44.0	4489.1	570.0	-20.5	-28.6	273.3	17.7	17.7	-1.0	296.7	298.7	0.6	47.9	9.4	106.
14.1	45.0	4593.5	562.0	-21.3	-29.2	272.8	17.4	17.4	-0.9	297.0	298.9	0.6	48.6	9.9	105.
14.4	46.0	4712.4	553.0	-22.4	-30.1	272.7	17.1	17.1	-0.8	297.1	298.9	0.6	49.1	10.2	105.
14.9	47.0	4832.7	544.0	-23.6	-32.7	273.6	16.7	16.7	-1.0	297.0	298.5	0.4	42.7	10.7	104.
15.2	48.0	4940.9	536.0	-24.3	-35.7	274.7	16.5	16.5	-1.4	297.5	298.6	0.3	33.6	11.0	104.
15.7	49.0	5050.3	528.0	-25.3	-37.2	276.8	16.4	16.3	-1.9	297.5	298.5	0.3	31.6	11.4	103.
16.1	50.0	5174.8	519.0	-26.4	-38.4	278.0	16.6	16.4	-2.3	297.7	298.6	0.3	31.0	11.8	103.
16.6	51.0	5315.1	509.0	-27.7	-39.7	278.1	16.9	16.8	-2.4	297.7	298.5	0.2	30.4	12.4	103.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPFFED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

5 FEBRUARY 1975  
2315 GMT

141 48. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.0	52.0	5428.8	501.0	-28.9	-40.9	277.2	17.3	17.1	-2.2	297.6	298.3	0.2	30.2	12.7	103.
17.4	53.0	5558.2	492.0	-30.1	-41.5	276.2	16.9	16.8	-1.8	297.7	298.4	0.2	31.4	13.2	103.
17.8	54.0	5659.9	485.0	-31.4	-42.5	276.0	15.8	15.7	-1.6	297.3	297.9	0.2	32.0	13.6	102.
18.3	55.0	5792.3	476.0	-32.3	-42.9	276.4	14.1	14.0	-1.6	297.8	298.4	0.2	33.6	14.0	102.
18.7	56.0	5926.7	467.0	-33.5	-43.7	276.1	13.0	12.9	-1.4	297.9	298.5	0.2	34.8	14.3	102.
19.1	57.0	6047.7	459.0	-34.6	-44.7	274.6	12.4	12.3	-1.0	298.1	298.6	0.1	34.3	14.6	102.
19.6	58.0	6154.9	452.0	-35.5	-45.5	272.4	12.4	12.4	-0.5	298.2	298.7	0.1	34.8	15.0	102.
20.0	59.0	6278.9	444.0	-37.0	-46.6	272.2	12.9	12.8	-0.5	297.9	298.3	0.1	35.7	15.2	102.
20.4	60.0	6404.4	436.0	-38.0	-47.5	273.3	13.4	13.4	-0.8	298.1	298.5	0.1	35.9	15.6	101.
20.8	61.0	6515.7	429.0	-38.8	-48.1	274.4	14.1	14.0	-1.1	298.4	298.8	0.1	36.3	15.9	101.
21.3	62.0	6644.6	421.0	-39.9	-49.1	274.9	15.2	15.2	-1.3	298.6	299.0	0.1	36.4	16.3	101.
21.7	63.0	6758.8	414.0	-41.0	99.9	274.5	15.9	15.9	-1.3	298.7	999.9	99.9	999.9	16.7	101.
22.1	64.0	6874.5	407.0	-42.3	99.9	273.5	16.1	16.1	-1.0	298.6	999.9	99.9	999.9	17.1	101.
22.5	65.0	6991.6	400.0	-43.1	99.9	272.3	15.5	15.4	-0.6	299.0	999.9	99.9	999.9	17.5	101.
23.1	66.0	7144.5	391.0	-44.5	99.9	272.6	14.5	14.5	-0.6	299.1	999.9	99.9	999.9	18.0	100.
23.7	67.0	7265.3	384.0	-44.9	99.9	274.5	16.4	16.3	-1.3	300.1	999.9	99.9	999.9	18.5	100.
24.1	68.0	7388.3	377.0	-45.1	99.9	274.7	19.1	19.1	-1.6	301.5	999.9	99.9	999.9	18.8	100.
24.5	69.0	7513.5	370.0	-45.1	99.9	273.5	22.2	22.1	-1.3	303.1	999.9	99.9	999.9	19.4	100.
24.9	70.0	7640.9	363.0	-45.6	99.9	270.6	24.1	24.1	-0.3	304.0	999.9	99.9	999.9	20.0	100.
25.5	71.0	7789.4	355.0	-45.8	99.9	265.9	25.9	25.8	1.8	305.8	999.9	99.9	999.9	20.9	99.
26.0	72.0	7922.0	348.0	-45.9	99.9	262.5	27.0	26.8	3.5	307.3	999.9	99.9	999.9	21.7	99.
26.5	73.0	8037.7	342.0	-46.1	99.9	259.7	28.3	27.8	5.1	308.6	999.9	99.9	999.9	22.4	98.
26.9	74.0	8155.3	336.0	-46.4	99.9	258.0	29.9	29.3	6.2	309.8	999.9	99.9	999.9	23.1	98.
27.3	75.0	8274.8	330.0	-47.1	99.9	257.0	31.6	30.8	7.1	310.4	999.9	99.9	999.9	23.8	97.
27.8	76.0	8416.5	323.0	-48.1	99.9	256.6	33.1	32.2	7.7	310.9	999.9	99.9	999.9	24.7	96.
28.2	77.0	8540.1	317.0	-48.0	99.9	257.2	33.8	33.0	7.5	312.8	999.9	99.9	999.9	25.5	95.
28.7	78.0	8666.0	311.0	-48.4	99.9	258.6	34.5	33.8	6.8	313.9	999.9	99.9	999.9	26.5	95.
29.2	79.0	8794.2	305.0	-48.7	99.9	259.9	35.5	34.9	6.2	315.2	999.9	99.9	999.9	27.5	94.
29.7	80.0	8924.8	299.0	-48.8	99.9	260.2	37.1	36.5	6.3	316.8	999.9	99.9	999.9	28.5	94.
30.3	81.0	9080.5	292.0	-48.5	99.9	259.8	39.0	38.4	6.9	319.4	999.9	99.9	999.9	29.8	93.
30.7	82.0	9217.1	286.0	-48.7	99.9	259.4	39.6	38.9	7.3	321.1	999.9	99.9	999.9	30.8	93.
31.2	83.0	9333.1	281.0	-48.5	99.9	258.2	39.3	38.4	9.0	322.9	999.9	99.9	999.9	32.0	92.
31.8	84.0	9475.1	275.0	-48.5	99.9	255.7	38.2	37.1	9.4	324.9	999.9	99.9	999.9	33.3	92.
32.2	85.0	9595.8	270.0	-48.7	99.9	254.1	38.1	36.6	10.4	326.4	999.9	99.9	999.9	34.2	91.
32.8	86.0	9768.3	263.0	-49.1	99.9	253.1	39.4	37.7	11.4	328.2	999.9	99.9	999.9	35.4	90.
33.2	87.0	9894.2	258.0	-49.4	99.9	253.6	40.6	39.0	11.5	329.6	999.9	99.9	999.9	36.4	90.
33.8	88.0	10048.2	252.0	-49.9	99.9	254.6	41.5	40.0	11.0	331.2	999.9	99.9	999.9	37.8	89.
34.2	89.0	10179.2	247.0	-50.2	99.9	254.9	40.4	39.0	10.5	332.6	999.9	99.9	999.9	38.8	89.
34.8	90.0	10312.6	242.0	-50.5	99.9	255.3	37.6	36.4	9.6	334.1	999.9	99.9	999.9	40.3	88.
35.3	91.0	10448.7	237.0	-50.9	99.9	256.2	38.4	37.3	9.1	335.4	999.9	99.9	999.9	41.1	88.
35.8	92.0	10587.4	232.0	-50.9	99.9	257.3	41.7	40.7	9.2	337.5	999.9	99.9	999.9	42.4	88.
36.3	93.0	10729.3	227.0	-50.9	99.9	257.9	43.3	42.3	9.1	339.6	999.9	99.9	999.9	43.7	88.
36.8	94.0	10874.2	222.0	-50.9	99.9	257.8	41.7	40.7	3.8	341.8	999.9	99.9	999.9	45.1	87.
37.4	95.0	11022.5	217.0	-50.9	99.9	257.5	39.0	38.1	9.4	344.0	999.9	99.9	999.9	46.4	87.
37.9	96.0	11173.9	212.0	-51.9	99.9	258.0	39.7	38.8	9.3	344.9	999.9	99.9	999.9	47.4	87.

\* BY SPFFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TMEF MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

5 FEBRUARY 1975  
2315 GMT

141 48. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
38.5	97.0	11328.7	207.0	-51.6	99.7	258.6	42.2	41.3	8.3	347.7	999.9	99.9	999.9	49.0	86.
39.1	98.0	11487.5	202.0	-51.2	99.7	258.1	42.8	41.9	8.8	350.6	999.9	99.9	999.9	50.6	86.
39.6	99.0	11617.4	198.0	-51.6	99.9	256.8	42.5	41.3	9.7	352.2	999.9	99.9	999.9	51.7	86.
40.1	100.0	11783.5	193.0	-51.4	99.9	254.5	40.4	38.9	17.8	355.0	999.9	99.9	999.9	53.2	86.
40.8	101.0	11954.2	188.0	-50.9	99.9	250.3	35.2	33.1	11.8	358.4	999.9	99.9	999.9	54.7	85.
41.3	102.0	12094.2	184.0	-50.9	99.9	250.0	35.6	33.5	12.2	360.6	999.9	99.9	999.9	55.5	85.
41.8	103.0	12237.2	180.0	-50.9	99.9	252.5	40.3	38.5	12.1	362.9	999.9	99.9	999.9	56.4	85.
42.3	104.0	12383.4	176.0	-51.2	99.9	254.9	44.3	42.7	11.5	364.7	999.9	99.9	999.9	57.9	85.
42.8	105.0	12532.8	172.0	-51.4	99.7	255.3	43.0	41.6	10.9	366.9	999.9	99.9	999.9	59.3	84.
43.3	106.0	12685.4	168.0	-51.9	99.9	252.4	37.7	35.9	11.4	368.6	999.9	99.9	999.9	60.6	84.
43.8	107.0	12841.2	164.0	-53.3	99.9	245.9	32.7	29.8	13.3	368.8	999.9	99.9	999.9	61.6	84.
44.3	108.0	13000.1	160.0	-53.4	99.9	240.4	31.2	27.2	15.4	371.1	999.9	99.9	999.9	62.3	84.
44.8	109.0	13162.9	156.0	-53.9	99.9	241.0	33.9	29.7	16.5	373.0	999.9	99.9	999.9	63.1	83.
45.3	110.0	13287.5	153.0	-54.2	99.9	245.4	39.1	35.6	16.3	374.6	999.9	99.9	999.9	64.1	83.
46.0	111.0	13500.4	148.0	-54.7	99.9	250.9	45.0	42.5	14.7	377.3	999.9	99.9	999.9	65.9	82.
46.5	112.0	13675.8	144.0	-54.4	99.9	252.9	44.6	42.6	13.1	380.8	999.9	99.9	999.9	67.4	82.
47.0	113.0	13810.6	141.0	-55.0	99.7	252.8	41.1	39.2	12.2	382.0	999.9	99.9	999.9	68.6	82.
47.6	114.0	13947.9	138.0	-55.2	99.9	251.7	35.3	33.5	11.1	384.1	999.9	99.9	999.9	70.0	82.
48.1	115.0	14135.9	134.0	-54.9	99.9	253.0	30.8	29.5	9.0	387.9	999.9	99.9	999.9	70.9	82.
48.6	116.0	14330.0	130.0	-54.1	99.9	257.2	27.9	27.2	6.2	392.7	999.9	99.9	999.9	71.8	82.
49.2	117.0	14479.8	127.0	-54.1	99.9	261.5	27.6	27.3	4.1	395.3	999.9	99.9	999.9	72.7	82.
49.7	118.0	14632.8	124.0	-55.3	99.7	260.7	28.4	28.1	4.6	395.7	999.9	99.9	999.9	73.5	82.
50.1	119.0	14842.2	120.0	-54.9	99.7	257.0	28.8	28.1	3.5	400.3	999.9	99.9	999.9	74.3	82.
50.6	120.0	14949.5	118.0	-55.5	99.9	250.4	29.2	27.5	7.8	401.1	999.9	99.9	999.9	75.1	82.
51.1	121.0	15169.1	114.0	-56.2	99.9	246.6	31.0	28.5	12.3	403.8	999.9	99.9	999.9	76.0	81.
51.7	122.0	15281.5	112.0	-56.5	99.9	246.4	33.0	30.3	13.2	405.3	999.9	99.9	999.9	77.0	81.
52.3	123.0	15511.9	108.0	-57.2	99.9	248.0	30.5	28.2	11.4	408.2	999.9	99.9	999.9	78.4	81.
52.9	124.0	15630.4	106.0	-56.3	99.9	251.5	26.4	25.1	8.4	412.0	999.9	99.9	999.9	79.2	81.
53.3	125.0	15812.4	103.0	-57.3	99.9	253.9	25.2	24.3	7.0	413.5	999.9	99.9	999.9	79.9	81.
54.1	126.0	15998.9	100.0	-58.2	99.7	257.3	24.7	24.1	5.4	415.4	999.9	99.9	999.9	81.0	81.
54.7	127.0	16190.9	97.0	-57.7	99.9	258.5	24.9	24.4	5.0	420.0	999.9	99.9	999.9	81.9	81.
55.3	128.0	16389.3	94.0	-57.5	99.9	256.4	25.2	24.5	5.9	424.1	999.9	99.9	999.9	82.9	81.
55.9	129.0	16525.3	92.0	-57.0	99.9	252.5	26.1	24.9	7.8	427.7	999.9	99.9	999.9	83.7	81.
56.4	130.0	16735.1	89.0	-57.3	99.9	250.3	26.0	24.4	8.8	431.1	999.9	99.9	999.9	84.6	81.
57.2	131.0	16951.0	86.0	-59.0	99.9	248.7	24.2	22.5	8.8	431.9	999.9	99.9	999.9	85.7	80.
57.8	132.0	17098.1	84.0	-60.4	99.9	251.2	24.0	22.7	7.7	432.0	999.9	99.9	999.9	86.5	80.
58.5	133.0	17324.3	81.0	-61.1	99.7	260.3	23.7	23.4	4.0	435.0	999.9	99.9	999.9	87.6	80.
59.1	134.0	17479.8	79.0	-60.4	99.9	269.0	23.5	23.5	9.4	439.6	999.9	99.9	999.9	88.4	80.
59.7	135.0	17639.9	77.0	-59.7	99.9	272.2	24.0	24.0	-0.9	444.4	999.9	99.9	999.9	89.2	80.
60.5	136.0	17888.3	74.0	-59.7	99.9	270.7	24.0	24.0	-0.3	449.4	999.9	99.9	999.9	90.4	80.
61.2	137.0	18059.9	72.0	-59.0	99.9	264.7	25.2	25.1	2.3	454.5	999.9	99.9	999.9	91.3	81.
62.0	138.0	18326.8	69.0	-59.0	99.9	257.5	28.7	28.0	3.2	460.0	999.9	99.9	999.9	92.6	81.
62.7	139.0	18604.7	66.0	-60.4	99.7	251.1	23.7	22.4	7.7	462.8	999.9	99.9	999.9	93.9	81.
63.3	140.0	18796.1	64.0	-61.1	99.7	241.2	11.4	10.0	5.5	465.4	999.9	99.9	999.9	94.9	80.
64.1	141.0	18992.9	62.0	-61.9	99.9	234.8	4.2	3.5	2.4	468.0	999.9	99.9	999.9	94.3	80.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

5 FEBRUARY 1975  
2315 GMT

141 48. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.9	142.0	19299.5	59.0	-62.4	99.9	258.3	8.8	8.6	1.8	473.4	999.9	99.9	999.9	95.0	80.
65.8	143.0	19512.7	57.0	-61.7	99.9	260.3	10.9	10.7	1.8	479.8	999.9	99.9	999.9	95.4	80.
66.6	144.0	19733.4	55.0	-62.6	99.9	260.7	19.7	19.5	3.2	482.6	999.9	99.9	999.9	96.2	80.
67.3	145.0	19961.8	53.0	-62.8	99.9	264.6	23.1	23.0	2.2	487.3	999.9	99.9	999.9	97.2	80.
68.2	146.0	20198.5	51.0	-63.4	99.9	999.9	99.9	99.9	99.9	491.4	999.9	99.9	999.9	999.9	999.
69.1	147.0	20571.5	48.0	-62.8	99.9	999.9	99.9	99.9	99.9	501.3	999.9	99.9	999.9	999.9	999.

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
600 GMT

150 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	438.0	968.2	-8.9	-11.4	320.0	6.2	4.0	-4.7	266.9	271.2	1.6	82.0	0.0	0.
0.2	8.0	479.7	963.0	-9.1	-12.0	313.2	10.7	7.8	-1.4	267.1	271.2	1.6	79.4	0.2	133.
0.7	9.0	568.6	952.0	-9.7	-10.5	313.5	10.5	7.6	-7.2	267.4	272.1	1.8	94.0	0.3	133.
0.9	10.0	658.1	941.0	-10.8	-11.1	313.8	10.3	7.5	-7.1	267.1	271.6	1.7	97.8	0.4	133.
1.2	11.0	773.1	927.0	-12.2	-12.2	315.7	9.8	6.8	-7.0	266.8	271.0	1.6	102.2	0.6	133.
1.5	12.0	864.3	916.0	-13.0	-13.0	318.8	9.2	6.1	-6.9	267.0	271.0	1.5	102.4	0.8	134.
1.8	13.0	956.4	905.0	-13.7	-13.7	321.9	8.2	5.1	-6.4	267.2	271.0	1.5	102.7	1.0	135.
2.1	14.0	1049.4	894.0	-13.7	-13.7	325.8	7.5	4.2	-6.2	268.1	272.0	1.5	103.0	1.1	136.
2.5	15.0	1144.3	883.0	-10.0	-10.0	331.5	7.3	3.5	-6.4	273.0	278.3	2.0	102.5	1.3	138.
2.9	16.0	1259.1	870.0	-8.2	-8.2	334.0	8.6	3.8	-7.7	276.0	282.2	2.4	101.6	1.4	140.
3.1	17.0	1358.0	859.0	-8.1	-8.1	335.2	9.0	3.8	-8.2	277.2	283.6	2.4	101.6	1.5	141.
3.5	18.0	1467.4	847.0	-8.4	-8.4	337.7	9.4	3.6	-8.7	278.0	284.3	2.4	101.6	1.8	143.
3.8	19.0	1559.5	837.0	-9.1	-9.1	339.6	8.9	3.1	-8.3	278.1	284.2	2.3	101.5	1.9	144.
4.1	20.0	1652.5	827.0	-9.7	-9.7	340.1	8.0	2.7	-7.5	278.5	284.4	2.2	101.4	2.1	146.
4.5	21.0	1765.8	815.0	-8.1	-8.1	335.2	5.6	2.3	-5.0	281.4	288.2	2.6	101.9	2.3	147.
4.9	22.0	1871.5	804.0	-7.8	-7.8	324.1	4.1	2.4	-3.3	282.8	289.9	2.6	101.9	2.3	147.
5.1	23.0	1969.0	794.0	-7.8	-7.8	320.1	4.1	2.7	-3.2	283.8	291.1	2.7	101.9	2.4	146.
5.5	24.0	2067.9	784.0	-6.6	-6.6	320.4	5.8	3.7	-4.5	286.1	294.2	3.0	102.1	2.5	146.
5.9	25.0	2168.1	774.0	-7.2	-10.5	327.3	8.0	4.3	-6.8	286.4	292.6	2.2	76.8	2.7	146.
6.2	26.0	2300.2	761.0	-7.5	-13.1	330.9	8.5	4.1	-7.4	287.5	292.6	1.8	63.8	2.8	146.
6.7	27.0	2392.8	752.0	-7.6	-15.3	333.4	8.1	3.6	-7.2	288.2	292.7	1.5	54.0	3.1	147.
7.0	28.0	2497.0	742.0	-8.1	-15.5	331.2	7.6	3.7	-6.7	288.9	293.3	1.5	54.8	3.2	147.
7.2	29.0	2602.3	732.0	-8.4	-15.7	329.5	7.5	3.8	-6.5	289.7	294.2	1.6	56.9	3.3	147.
7.8	30.0	2709.0	722.0	-8.8	-15.9	324.3	7.3	4.3	-6.0	290.3	294.8	1.5	56.5	3.6	147.
8.0	31.0	2817.0	712.0	-9.4	-16.7	322.6	7.4	4.5	-5.9	290.8	295.1	1.5	55.3	3.6	147.
8.2	32.0	2915.3	703.0	-9.8	-17.2	321.7	7.5	4.7	-5.9	291.4	295.5	1.4	54.6	3.7	147.
8.8	33.0	3014.6	694.0	-10.7	-18.1	318.9	8.1	5.3	-6.1	291.5	295.4	1.3	54.2	4.0	147.
9.0	34.0	3126.2	684.0	-11.3	-18.4	317.9	8.3	5.5	-6.1	292.1	295.9	1.3	55.5	4.1	146.
9.3	35.0	3227.7	675.0	-12.1	-19.0	316.0	8.3	5.8	-5.9	292.2	295.9	1.3	56.2	4.3	146.
9.8	36.0	3364.6	663.0	-13.4	-20.1	312.4	8.1	5.9	-5.4	292.3	295.7	1.2	56.7	4.5	145.
10.1	37.0	3468.5	654.0	-14.2	-20.9	310.1	7.9	6.0	-5.1	292.5	295.8	1.1	56.7	4.7	145.
10.6	38.0	3573.6	645.0	-14.8	-21.7	305.9	7.6	6.2	-4.5	293.0	296.1	1.0	55.1	4.9	144.
10.9	39.0	3679.8	636.0	-15.6	-22.7	303.2	7.5	6.3	-4.1	293.2	296.1	1.0	54.4	5.0	144.
11.2	40.0	3775.2	628.0	-16.4	-23.8	300.1	7.5	6.5	-3.8	293.3	296.0	0.9	52.7	5.1	143.
11.7	41.0	3907.9	617.0	-17.5	-25.2	294.8	7.6	6.9	-3.2	293.6	296.0	0.8	50.9	5.3	142.
12.0	42.0	4017.8	608.0	-18.1	-26.0	291.5	7.7	7.2	-2.8	294.2	296.5	0.7	49.6	5.5	141.
12.4	43.0	4129.1	599.0	-18.9	-29.0	287.0	8.0	7.6	-2.3	294.5	296.2	0.6	40.2	5.6	140.
12.8	44.0	4229.2	591.0	-19.3	-28.7	282.2	8.5	8.3	-1.8	295.1	297.0	0.6	42.1	5.8	139.
13.2	45.0	4343.1	582.0	-20.4	-29.7	278.0	9.2	9.1	-1.3	295.1	297.0	0.6	44.7	5.9	138.
13.6	46.0	4458.3	573.0	-21.6	-30.0	274.8	9.9	9.8	-0.8	295.0	296.8	0.5	46.4	6.1	136.
14.0	47.0	4561.8	565.0	-22.4	-31.0	272.6	10.4	10.4	-0.5	295.3	296.9	0.5	45.2	6.3	135.
14.4	48.0	4679.6	556.0	-23.0	-31.8	270.9	10.6	10.6	-0.2	295.8	297.4	0.5	44.3	6.5	133.
14.8	49.0	4785.6	548.0	-24.1	-33.8	268.8	10.8	10.8	0.2	295.8	297.1	0.4	40.1	6.7	132.
15.1	50.0	4892.7	540.0	-24.9	-36.0	267.1	11.2	11.1	0.6	296.1	297.1	0.3	33.4	6.8	131.
15.7	51.0	5028.2	530.0	-26.4	-42.7	263.9	12.7	12.6	1.4	295.9	296.5	0.2	19.5	7.1	129.

\* BY SPFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
600 GMT

150 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.0	52.0	5138.0	522.0	-27.0	-41.0	262.5	13.7	13.5	1.8	296.4	297.0	0.2	23.3	7.2	127.
16.3	53.0	5249.3	514.0	-27.5	-40.4	261.5	14.3	14.2	2.1	297.1	297.8	0.2	28.0	7.5	126.
16.8	54.0	5361.9	506.0	-28.5	-38.3	260.4	14.9	14.7	2.5	297.3	298.2	0.3	37.9	7.8	123.
17.1	55.0	5475.9	498.0	-29.4	-37.9	260.2	14.9	14.7	2.5	297.5	298.5	0.3	43.1	8.0	122.
17.6	56.0	5605.5	489.0	-30.6	-38.4	261.0	14.9	14.7	2.3	297.6	298.5	0.3	45.9	8.3	120.
17.9	57.0	5722.9	481.0	-31.2	-37.0	261.4	15.1	14.9	2.2	298.2	299.2	0.3	51.6	8.5	119.
18.3	58.0	5826.6	474.0	-32.3	-37.0	260.9	15.6	15.4	2.5	298.2	299.2	0.3	57.6	8.8	117.
18.8	59.0	5931.4	467.0	-33.0	-38.0	258.9	16.8	16.4	3.2	298.6	299.6	0.3	60.3	9.2	116.
19.1	60.0	6052.9	459.0	-33.5	-38.4	257.4	17.6	17.1	3.8	299.4	300.4	0.3	60.9	9.5	115.
19.6	61.0	6160.5	452.0	-34.8	-39.6	255.2	18.9	18.3	4.8	299.1	299.9	0.3	61.2	9.9	113.
19.9	62.0	6284.9	444.0	-35.6	-40.1	254.3	19.7	19.0	5.4	299.6	300.4	0.3	63.4	10.2	111.
20.2	63.0	6395.2	437.0	-36.7	-41.4	253.8	20.7	19.8	5.8	299.6	300.3	0.2	61.5	10.5	110.
20.7	64.0	6490.8	431.0	-37.8	-42.0	254.0	22.3	21.5	6.2	299.4	300.1	0.2	62.1	11.0	108.
20.9	65.0	6603.4	424.0	-38.9	-43.0	254.3	23.1	22.2	6.2	299.4	300.0	0.2	60.6	11.2	107.
21.2	66.0	6750.3	415.0	-40.1	-44.0	254.8	24.1	23.2	6.3	299.7	999.9	99.9	999.9	11.6	106.
21.7	67.0	6866.1	408.0	-41.2	-45.0	255.2	25.5	24.6	6.5	299.7	999.9	99.9	999.9	12.2	104.
21.9	68.0	6983.5	401.0	-42.0	-46.0	255.1	25.9	25.1	6.6	300.2	999.9	99.9	999.9	12.5	104.
22.2	69.0	7102.4	394.0	-43.2	-47.0	254.7	26.5	25.5	7.0	300.2	999.9	99.9	999.9	12.9	103.
22.6	70.0	7205.5	388.0	-44.6	-48.0	253.8	27.1	26.0	7.5	299.7	999.9	99.9	999.9	13.5	101.
22.9	71.0	7362.2	379.0	-45.9	-49.0	253.0	27.3	26.2	8.0	300.0	999.9	99.9	999.9	13.9	100.
23.2	72.0	7468.2	373.0	-46.6	-50.0	252.5	27.5	26.2	8.3	300.4	999.9	99.9	999.9	14.4	99.
23.6	73.0	7593.6	366.0	-47.8	-51.0	252.0	27.8	26.4	9.6	300.5	999.9	99.9	999.9	15.0	98.
24.0	74.0	7702.5	360.0	-48.9	-52.0	251.7	28.3	26.9	8.9	300.3	999.9	99.9	999.9	15.5	97.
24.2	75.0	7812.6	354.0	-50.1	-53.0	251.3	28.9	27.3	9.3	300.1	999.9	99.9	999.9	15.8	97.
24.8	76.0	7942.5	347.0	-51.8	-54.0	249.1	30.8	28.8	11.0	299.6	999.9	99.9	999.9	16.8	95.
25.0	77.0	8036.4	342.0	-52.9	-55.0	248.1	31.6	29.3	11.8	299.3	999.9	99.9	999.9	17.1	95.
25.2	78.0	8169.6	335.0	-53.6	-56.0	247.1	32.3	29.8	12.6	300.2	999.9	99.9	999.9	17.5	94.
25.8	79.0	8285.5	329.0	-54.7	-57.0	245.6	34.6	31.5	14.3	300.3	999.9	99.9	999.9	18.6	92.
26.1	80.0	8403.1	323.0	-55.5	-58.0	245.8	35.6	32.5	14.6	300.7	999.9	99.9	999.9	19.1	91.
26.6	81.0	8542.7	316.0	-55.7	-59.0	247.7	37.1	34.3	14.1	302.4	999.9	99.9	999.9	20.1	90.
26.9	82.0	8664.7	310.0	-56.3	-60.0	249.3	38.0	35.5	13.4	303.1	999.9	99.9	999.9	20.7	89.
27.2	83.0	8768.4	305.0	-54.5	-58.0	250.7	38.6	36.4	12.7	307.1	999.9	99.9	999.9	21.4	89.
27.8	84.0	8896.0	299.0	-53.2	-56.0	253.6	39.4	37.8	11.1	310.6	999.9	99.9	999.9	22.8	88.
28.1	85.0	9004.9	294.0	-52.1	-54.0	255.0	39.8	38.4	10.3	313.7	999.9	99.9	999.9	23.5	87.
28.7	86.0	9161.0	287.0	-51.7	-52.0	257.8	41.2	40.3	8.7	316.5	999.9	99.9	999.9	24.8	87.
29.0	87.0	9275.0	282.0	-51.7	-51.0	259.2	42.0	41.2	7.9	318.1	999.9	99.9	999.9	25.6	86.
29.4	88.0	9414.6	276.0	-51.7	-50.0	260.9	42.1	41.6	6.7	320.1	999.9	99.9	999.9	26.7	86.
29.9	89.0	9533.4	271.0	-50.9	-49.0	262.9	41.2	40.9	5.1	322.9	999.9	99.9	999.9	27.8	86.
30.2	90.0	9654.6	266.0	-50.7	-48.0	263.8	39.8	39.6	4.3	324.8	999.9	99.9	999.9	28.7	86.
30.7	91.0	9778.1	261.0	-51.2	-48.0	264.6	36.7	36.5	3.5	325.9	999.9	99.9	999.9	29.9	86.
31.0	92.0	9904.1	256.0	-50.6	-47.0	264.7	34.7	34.5	3.2	328.6	999.9	99.9	999.9	30.5	86.
31.6	93.0	10032.5	251.0	-50.9	-47.0	264.0	34.6	34.4	3.6	330.0	999.9	99.9	999.9	31.6	86.
31.9	94.0	10163.5	246.0	-50.9	-47.0	263.4	35.8	35.5	4.1	331.9	999.9	99.9	999.9	32.2	86.
32.2	95.0	10297.0	241.0	-51.7	-47.0	262.5	36.4	36.1	4.7	332.7	999.9	99.9	999.9	32.9	86.
32.8	96.0	10460.5	235.0	-51.8	-47.0	260.8	36.2	35.8	5.8	334.9	999.9	99.9	999.9	34.3	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
600 GMT

150 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P- DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.0	97.0	10599.9	230.0	-52.0	99.9	260.2	35.8	35.3	6.1	336.7	999.9	99.9	999.9	34.8	85.
33.3	98.0	10713.4	226.0	-52.5	99.9	260.0	35.5	34.9	6.2	337.7	999.9	99.9	999.9	35.3	85.
33.8	99.0	10858.0	221.0	-52.6	99.9	259.9	35.2	34.7	6.2	339.6	999.9	99.9	999.9	36.4	85.
34.2	100.0	11005.7	216.0	-52.8	99.9	260.0	35.6	35.0	6.2	341.6	999.9	99.9	999.9	37.3	85.
34.8	101.0	11157.0	211.0	-52.5	99.9	259.9	37.6	37.0	6.6	344.4	999.9	99.9	999.9	38.4	85.
35.2	102.0	11312.1	206.0	-52.3	99.9	259.2	38.6	37.9	7.2	347.0	999.9	99.9	999.9	39.4	85.
35.6	103.0	11439.0	202.0	-52.1	99.9	257.9	38.0	37.1	8.0	349.2	999.9	99.9	999.9	40.6	85.
36.0	104.0	11601.2	197.0	-52.3	99.9	256.1	35.4	34.4	8.5	351.5	999.9	99.9	999.9	41.4	84.
36.5	105.0	11733.7	193.0	-53.1	99.9	254.8	34.4	33.2	9.0	352.3	999.9	99.9	999.9	42.1	84.
37.0	106.0	11868.6	189.0	-53.2	99.9	253.9	35.9	34.5	10.0	354.2	999.9	99.9	999.9	43.2	84.
37.3	107.0	12006.2	185.0	-53.9	99.9	253.3	35.4	33.9	10.2	355.3	999.9	99.9	999.9	44.0	84.
37.9	108.0	12146.6	181.0	-53.9	99.9	253.0	32.9	31.5	9.6	357.5	999.9	99.9	999.9	45.2	84.
38.2	109.0	12290.1	177.0	-54.0	99.9	254.4	32.5	31.3	8.7	359.6	999.9	99.9	999.9	45.7	83.
38.8	110.0	12399.6	174.0	-55.0	99.9	258.7	35.1	34.4	6.9	359.7	999.9	99.9	999.9	46.8	83.
39.3	111.0	12585.7	169.0	-55.5	99.9	261.0	38.7	38.2	6.1	361.9	999.9	99.9	999.9	47.9	83.
39.8	112.0	12738.3	165.0	-55.7	99.9	260.7	38.5	38.0	6.3	364.1	999.9	99.9	999.9	49.3	83.
40.2	113.0	12894.5	161.0	-56.2	99.9	258.9	36.1	35.4	6.9	365.9	999.9	99.9	999.9	50.3	83.
40.8	114.0	13054.4	157.0	-56.0	99.9	255.7	34.1	33.1	8.4	368.8	999.9	99.9	999.9	51.2	83.
41.1	115.0	13177.3	154.0	-55.5	99.9	254.7	34.7	33.5	9.2	371.7	999.9	99.9	999.9	51.8	83.
41.8	116.0	13345.2	150.0	-55.3	99.9	254.3	37.1	35.8	10.0	372.8	999.9	99.9	999.9	53.5	83.
42.1	117.0	13517.5	146.0	-55.7	99.9	254.7	38.0	36.6	10.0	377.1	999.9	99.9	999.9	54.2	82.
42.5	118.0	13649.8	143.0	-55.7	99.9	255.4	39.5	38.2	9.9	379.3	999.9	99.9	999.9	54.8	82.
43.0	119.0	13830.6	139.0	-55.5	99.9	255.2	40.7	39.3	10.4	382.7	999.9	99.9	999.9	56.4	82.
43.3	120.0	13969.3	136.0	-56.7	99.9	254.6	39.6	38.2	10.5	383.1	999.9	99.9	999.9	57.1	82.
43.9	121.0	14110.7	133.0	-56.7	99.9	255.1	38.1	36.8	9.8	385.5	999.9	99.9	999.9	58.3	82.
44.4	122.0	14255.5	130.0	-56.5	99.9	257.8	38.9	38.0	8.2	388.3	999.9	99.9	999.9	59.4	82.
45.0	123.0	14404.0	127.0	-55.5	99.9	260.9	38.7	38.2	6.1	392.7	999.9	99.9	999.9	61.0	82.
45.5	124.0	14556.4	124.0	-55.3	99.9	262.7	36.6	36.3	4.6	395.7	999.9	99.9	999.9	62.2	82.
46.0	125.0	14712.8	121.0	-55.2	99.9	264.6	36.3	36.1	3.4	398.8	999.9	99.9	999.9	62.8	82.
46.8	126.0	14928.0	117.0	-54.0	99.9	263.7	34.3	34.1	3.8	404.8	999.9	99.9	999.9	64.9	82.
47.2	127.0	15094.9	114.0	-53.4	99.9	260.1	31.3	30.8	5.4	409.0	999.9	99.9	999.9	65.7	82.
47.7	128.0	15266.5	111.0	-53.6	99.9	254.3	28.0	27.0	7.5	411.8	999.9	99.9	999.9	66.6	82.
48.0	129.0	15383.3	109.0	-54.0	99.9	251.5	26.9	25.5	8.5	413.0	999.9	99.9	999.9	66.8	82.
48.7	130.0	15561.9	106.0	-55.3	99.9	255.9	27.3	26.5	8.6	413.9	999.9	99.9	999.9	68.1	82.
49.2	131.0	15745.0	103.0	-55.5	99.9	260.4	27.3	26.9	4.5	417.0	999.9	99.9	999.9	68.9	82.
49.7	132.0	15933.0	100.0	-56.7	99.9	264.1	25.6	25.5	2.6	418.3	999.9	99.9	999.9	69.8	82.
50.1	133.0	16126.1	97.0	-56.8	99.9	266.8	23.1	23.1	1.3	421.6	999.9	99.9	999.9	70.5	82.
50.6	134.0	16258.4	95.0	-55.8	99.9	268.5	20.9	20.9	0.6	426.1	999.9	99.9	999.9	71.0	82.
51.1	135.0	16393.6	93.0	-56.5	99.9	266.4	21.6	21.5	1.4	427.4	999.9	99.9	999.9	71.3	82.
51.8	136.0	16672.3	89.0	-57.0	99.9	264.2	21.3	21.2	2.1	431.8	999.9	99.9	999.9	72.6	82.
52.4	137.0	16888.7	86.0	-58.4	99.9	267.8	19.5	19.5	0.8	433.3	999.9	99.9	999.9	73.3	82.
53.0	138.0	17036.6	84.0	-59.1	99.9	275.2	19.4	19.3	-1.8	434.8	999.9	99.9	999.9	73.9	82.
53.7	139.0	17187.3	82.0	-60.1	99.9	282.4	22.9	22.4	-4.9	435.6	999.9	99.9	999.9	74.7	82.
54.3	140.0	17419.5	79.0	-60.8	99.9	283.9	24.9	24.2	-6.0	438.8	999.9	99.9	999.9	75.6	82.
55.0	141.0	17660.7	76.0	-60.1	99.9	279.9	21.9	21.5	-3.8	445.2	999.9	99.9	999.9	76.7	83.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
600 GMT

150 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
55.5	142.0	17911.6	73.0	-60.8	99.9	273.0	17.9	17.9	-0.9	448.8	999.9	99.9	999.9	77.1	83.
56.1	143.0	18083.6	71.0	-62.7	99.9	265.7	15.7	15.7	1.2	448.5	999.9	99.9	999.9	77.8	83.
56.8	144.0	18348.4	68.0	-64.8	99.9	263.3	17.2	17.1	2.0	449.5	999.9	99.9	999.9	78.3	83.
57.5	145.0	18530.9	66.0	-64.2	99.9	264.6	18.7	18.7	1.8	454.6	999.9	99.9	999.9	79.1	83.
58.2	146.0	18719.9	64.0	-62.7	99.9	264.1	20.4	20.3	2.1	462.0	999.9	99.9	999.9	79.9	83.
59.0	147.0	18915.0	62.0	-64.0	99.9	261.1	24.8	24.5	3.9	463.3	999.9	99.9	999.9	80.8	83.
59.8	148.0	19220.2	59.0	-62.1	99.9	263.4	19.2	19.0	2.2	474.1	999.9	99.9	999.9	82.3	83.
60.7	149.0	19432.8	57.0	-63.2	99.9	267.5	18.0	18.0	0.8	476.3	999.9	99.9	999.9	83.0	83.
61.5	150.0	19652.1	55.0	-63.8	99.9	262.8	23.5	23.3	2.9	479.9	999.9	99.9	999.9	83.9	83.
62.3	151.0	19995.6	52.0	-64.4	99.9	259.2	23.6	23.2	4.4	486.3	999.9	99.9	999.9	85.3	83.
63.2	152.0	20235.5	50.0	-64.2	99.9	261.3	20.0	19.8	3.0	492.2	999.9	99.9	999.9	86.4	83.
64.1	153.0	20485.9	48.0	-63.2	99.9	262.9	18.8	18.6	2.3	500.3	999.9	99.9	999.9	87.4	83.
65.1	154.0	20747.9	46.0	-62.7	99.9	264.6	16.6	16.5	1.6	507.8	999.9	99.9	999.9	88.5	83.
66.1	155.0	21021.6	44.0	-63.2	99.9	999.9	99.9	99.9	99.9	512.9	999.9	99.9	999.9	999.9	999.
67.1	156.0	21308.0	42.0	-62.7	99.9	999.9	99.9	99.9	99.9	521.2	999.9	99.9	999.9	999.9	999.

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1121 GMT

155 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	438.0	968.8	-10.6	-13.7	310.0	7.2	5.5	-4.6	265.1	268.7	1.4	78.0	0.0	0.
0.2	7.0	460.3	966.0	-10.9	-14.0	328.6	6.3	3.3	-5.4	265.0	268.2	1.2	72.7	0.2	142.
0.4	8.0	556.2	954.0	-11.7	-14.7	328.6	6.3	3.3	-5.4	265.2	268.6	1.3	80.6	0.2	142.
0.9	9.0	644.9	943.0	-12.8	-13.5	325.7	7.9	4.5	-6.6	264.9	268.6	1.4	94.3	0.4	144.
1.2	10.0	742.5	931.0	-13.8	-14.1	323.3	9.4	5.6	-7.6	264.9	268.5	1.4	97.4	0.6	144.
1.7	11.0	857.5	917.0	-14.6	-14.6	322.5	10.8	6.6	-8.6	265.2	268.7	1.3	103.9	0.9	143.
2.0	12.0	957.2	905.0	-15.3	-15.3	324.4	10.5	6.1	-8.5	265.5	268.8	1.3	104.9	1.1	143.
2.4	13.0	1049.7	894.0	-15.2	-15.2	330.5	10.3	5.0	-8.9	266.5	270.0	1.3	104.9	1.3	144.
2.8	14.0	1144.2	883.0	-10.5	-10.5	334.9	10.2	4.3	-9.2	272.4	277.5	1.9	99.8	1.6	145.
3.1	15.0	1249.6	871.0	-10.1	-10.1	336.7	10.1	4.0	-9.3	273.9	279.3	2.0	101.8	1.8	146.
3.7	16.0	1374.9	857.0	-9.1	-9.1	332.6	10.5	4.8	-9.3	276.3	282.2	2.2	102.9	2.1	148.
4.0	17.0	1474.9	846.0	-9.1	-9.1	328.1	11.1	5.9	-9.4	277.3	283.3	2.3	103.2	2.3	149.
4.3	18.0	1576.2	835.0	-9.2	-9.2	327.3	10.8	5.8	-9.1	277.6	283.4	2.2	103.1	2.5	148.
4.7	19.0	1678.4	824.0	-10.7	-10.7	327.1	10.5	5.7	-8.8	277.7	283.2	2.1	102.7	2.8	148.
5.1	20.0	1781.8	813.0	-11.2	-11.2	326.8	10.4	5.7	-8.7	278.1	283.5	2.0	101.6	3.0	148.
5.5	21.0	1905.5	800.0	-11.7	-11.7	323.7	10.6	6.3	-8.5	279.0	284.2	2.0	101.3	3.3	148.
5.8	22.0	2001.9	790.0	-12.1	-12.1	321.7	9.5	5.9	-7.5	279.5	284.7	1.9	101.5	3.4	148.
6.1	23.0	2109.5	779.0	-10.5	-10.5	318.9	8.8	5.8	-6.6	282.3	288.3	2.2	102.7	3.6	147.
6.6	24.0	2219.1	768.0	-10.5	-10.5	312.6	9.1	6.7	-6.2	283.5	289.6	2.2	102.7	3.8	147.
7.0	25.0	2320.2	758.0	-9.8	-9.8	308.0	10.6	8.4	-6.5	285.4	291.9	2.4	102.8	4.1	146.
7.5	26.0	2453.8	745.0	-9.8	-9.8	306.9	10.1	8.1	-6.1	286.8	293.5	2.4	102.8	4.4	144.
7.9	27.0	2558.1	735.0	-10.7	-10.7	308.2	9.8	7.7	-6.0	286.9	293.3	2.3	102.7	4.6	143.
8.2	28.0	2663.5	725.0	-10.9	-10.9	310.0	9.2	7.0	-5.9	287.7	294.1	2.3	102.6	4.8	143.
8.5	29.0	2770.1	715.0	-11.8	-11.8	312.6	8.5	6.3	-5.8	287.9	294.0	2.2	101.9	5.0	142.
8.9	30.0	2878.0	705.0	-12.4	-12.4	316.8	7.5	5.1	-5.5	288.4	294.3	2.1	101.5	5.1	142.
9.2	31.0	2998.2	694.0	-12.6	-12.6	319.7	6.9	4.5	-5.3	289.4	295.3	2.1	101.1	5.3	142.
9.6	32.0	3086.6	686.0	-13.6	-13.6	322.4	6.3	3.8	-5.0	289.3	294.8	1.9	100.7	5.4	142.
10.0	33.0	3209.4	675.0	-14.3	-14.4	322.9	5.8	3.5	-4.6	289.8	295.1	1.9	99.2	5.6	142.
10.4	34.0	3311.1	666.0	-15.2	-15.3	322.4	5.5	3.3	-4.3	290.0	295.0	1.7	99.1	5.7	142.
10.8	35.0	3425.5	656.0	-15.4	-15.7	323.1	5.1	3.1	-4.1	290.9	295.8	1.7	97.8	5.8	142.
11.2	36.0	3564.8	644.0	-16.4	-16.7	323.9	4.6	2.7	-3.7	291.4	296.0	1.6	97.4	5.9	142.
11.6	37.0	3670.5	635.0	-17.4	-17.7	323.1	4.2	2.5	-3.3	291.4	295.8	1.5	97.1	6.1	142.
12.0	38.0	3777.3	626.0	-18.3	-18.7	317.5	3.9	2.6	-2.9	291.5	295.6	1.4	96.9	6.1	143.
12.4	39.0	3885.4	617.0	-18.9	-19.4	308.3	4.3	3.3	-2.6	292.1	296.0	1.3	95.8	6.2	142.
12.7	40.0	3994.8	608.0	-19.7	-20.3	303.6	4.8	4.0	-2.6	292.4	296.1	1.3	95.1	6.3	142.
13.2	41.0	4130.2	597.0	-20.6	-21.2	299.4	5.7	5.0	-2.8	292.8	296.3	1.2	94.7	6.4	141.
13.6	42.0	4242.4	588.0	-21.6	-22.2	297.8	6.4	5.7	-3.0	293.0	296.2	1.1	94.2	6.6	141.
14.0	43.0	4355.9	579.0	-22.6	-23.4	296.2	6.8	6.1	-3.0	293.0	296.0	1.0	93.7	6.7	140.
14.4	44.0	4457.5	571.0	-23.6	-24.7	293.5	6.7	6.2	-2.7	293.1	295.9	0.9	93.2	6.9	140.
14.8	45.0	4586.9	561.0	-24.5	-25.4	289.7	6.4	6.0	-2.2	293.4	296.0	0.9	91.8	7.0	139.
15.1	46.0	4691.4	553.0	-25.3	-26.3	286.3	6.0	5.8	-1.7	293.7	296.1	0.8	91.1	7.1	139.
15.6	47.0	4810.3	544.0	-26.2	-27.4	280.0	5.4	5.4	-0.9	294.0	296.2	0.7	89.8	7.3	138.
16.0	48.0	4917.3	536.0	-27.1	-28.5	276.8	5.2	5.2	-0.6	294.1	296.2	0.7	88.3	7.4	137.
16.4	49.0	5039.2	527.0	-28.2	-29.6	278.0	5.4	5.4	-0.8	294.2	296.1	0.6	87.3	7.4	136.
16.9	50.0	5135.0	520.0	-29.0	-30.0	279.5	6.0	6.0	-1.0	294.4	296.2	0.6	86.2	7.6	136.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1121 GMT

155 22. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.4	51.0	5287.6	509.0	-30.1	-31.0	276.7	6.7	6.7	-0.8	294.9	296.5	0.5	84.4	7.7	135.
17.8	52.0	5400.2	501.0	-31.0	-32.0	272.5	7.1	7.1	-0.3	295.1	296.6	0.5	83.8	7.9	134.
18.2	53.0	5514.2	493.0	-31.9	-33.0	270.3	7.6	7.6	-0.0	295.3	296.7	0.4	83.5	8.0	133.
18.7	54.0	5629.6	485.0	-32.7	-34.7	272.6	8.4	8.4	-0.4	295.7	297.0	0.4	82.4	8.1	132.
19.1	55.0	5746.6	477.0	-33.6	-35.7	276.1	9.1	9.0	-1.0	296.0	297.2	0.4	81.6	8.3	131.
19.6	56.0	5894.9	467.0	-34.7	-36.9	277.9	9.7	9.6	-1.3	296.4	297.5	0.3	80.6	8.6	130.
20.0	57.0	6000.1	460.0	-35.9	-38.1	276.8	9.9	9.9	-1.2	296.2	297.2	0.3	80.0	8.8	130.
20.4	58.0	6106.5	453.0	-36.9	-39.1	276.6	9.8	9.7	-1.1	296.3	297.2	0.3	79.0	9.0	128.
21.0	59.0	6245.0	444.0	-38.1	-40.1	282.5	9.4	9.2	-2.0	296.5	297.3	0.2	76.0	9.3	127.
21.3	60.0	6354.3	437.0	-38.9	-42.0	288.4	9.5	9.0	-3.0	296.8	297.5	0.2	72.4	9.4	127.
21.8	61.0	6464.8	430.0	-40.1	99.9	296.2	10.0	9.0	-4.4	296.6	999.9	99.9	999.9	9.7	127.
22.2	62.0	6592.7	422.0	-41.0	99.9	299.8	10.4	9.0	-5.2	297.2	999.9	99.9	999.9	10.0	126.
22.6	63.0	6706.2	415.0	-42.1	99.9	301.8	10.6	9.0	-5.6	297.1	999.9	99.9	999.9	10.2	126.
23.0	64.0	6821.1	408.0	-43.1	99.9	303.7	10.6	8.8	-5.9	297.3	999.9	99.9	999.9	10.5	126.
23.5	65.0	6937.4	401.0	-44.2	99.9	307.9	10.6	8.4	-6.5	297.3	999.9	99.9	999.9	10.8	126.
24.1	66.0	7072.3	393.0	-45.2	99.9	313.7	10.3	7.5	-7.1	297.7	999.9	99.9	999.9	11.2	126.
24.5	67.0	7191.9	386.0	-46.4	99.9	317.1	10.0	6.8	-7.3	297.7	999.9	99.9	999.9	11.4	127.
25.1	68.0	7313.2	379.0	-47.5	99.9	319.1	9.7	6.4	-7.4	297.8	999.9	99.9	999.9	11.7	127.
25.6	69.0	7436.1	372.0	-48.6	99.9	318.3	9.9	6.6	-7.4	298.0	999.9	99.9	999.9	12.0	127.
26.0	70.0	7560.7	365.0	-49.8	99.9	316.7	9.9	6.8	-7.2	298.0	999.9	99.9	999.9	12.3	128.
26.6	71.0	7705.3	357.0	-51.2	99.9	313.2	9.9	7.2	-6.8	298.0	999.9	99.9	999.9	12.6	128.
27.1	72.0	7815.2	351.0	-52.3	99.9	307.8	10.6	8.4	-6.5	298.0	999.9	99.9	999.9	12.9	128.
27.5	73.0	7926.5	345.0	-53.1	99.9	302.2	11.7	9.9	-6.3	298.4	999.9	99.9	999.9	13.1	128.
28.0	74.0	8058.6	338.0	-53.4	99.9	295.5	13.4	12.1	-5.8	299.7	999.9	99.9	999.9	13.5	128.
28.4	75.0	8173.8	332.0	-53.7	99.9	289.7	14.6	13.8	-5.9	300.8	999.9	99.9	999.9	13.9	127.
29.0	76.0	8290.9	326.0	-54.2	99.9	280.1	17.3	17.0	-3.0	301.7	999.9	99.9	999.9	14.4	127.
29.4	77.0	8411.0	320.0	-50.6	99.9	275.3	20.0	19.9	-1.8	308.4	999.9	99.9	999.9	14.8	126.
29.8	78.0	8534.7	314.0	-49.5	99.9	273.0	22.4	22.4	-1.2	311.5	999.9	99.9	999.9	15.2	124.
30.3	79.0	8661.3	308.0	-48.7	99.9	272.9	24.5	24.4	-1.3	314.3	999.9	99.9	999.9	15.8	123.
30.8	80.0	8790.6	302.0	-49.0	99.9	274.4	25.6	25.5	-1.9	315.6	999.9	99.9	999.9	16.5	122.
31.5	81.0	8944.5	295.0	-49.2	99.9	275.1	26.6	26.5	-2.4	317.6	999.9	99.9	999.9	17.5	120.
32.0	82.0	9056.5	290.0	-49.5	99.9	274.1	27.2	27.2	-1.9	318.7	999.9	99.9	999.9	18.2	119.
32.4	83.0	9193.4	284.0	-49.6	99.9	273.7	27.6	27.6	-1.8	320.4	999.9	99.9	999.9	18.8	118.
33.0	84.0	9309.6	279.0	-50.1	99.9	274.2	28.6	28.5	-2.1	321.3	999.9	99.9	999.9	19.7	117.
33.5	85.0	9451.7	273.0	-49.9	99.9	275.0	29.7	29.6	-2.6	323.6	999.9	99.9	999.9	20.5	116.
34.2	86.0	9597.1	267.0	-49.5	99.9	274.3	30.7	30.6	-2.3	326.3	999.9	99.9	999.9	21.8	115.
34.8	87.0	9746.3	261.0	-48.7	99.9	272.6	31.5	31.5	-1.5	329.5	999.9	99.9	999.9	22.8	114.
35.3	88.0	9873.5	256.0	-48.6	99.9	272.0	32.2	32.2	-1.1	331.6	999.9	99.9	999.9	23.7	113.
35.7	89.0	10002.9	251.0	-49.5	99.9	272.1	32.8	32.7	-1.2	332.1	999.9	99.9	999.9	24.4	112.
36.2	90.0	10134.8	246.0	-49.5	99.9	272.3	33.2	33.2	-1.3	334.0	999.9	99.9	999.9	25.3	112.
36.8	91.0	10269.1	241.0	-49.9	99.9	270.4	33.0	33.0	-0.2	335.3	999.9	99.9	999.9	26.5	111.
37.3	92.0	10406.4	236.0	-49.3	99.9	267.0	32.4	32.3	1.7	338.3	999.9	99.9	999.9	27.4	110.
37.8	93.0	10546.8	231.0	-49.3	99.9	264.1	32.2	32.1	1.3	340.3	999.9	99.9	999.9	28.3	109.
38.3	94.0	10690.2	226.0	-49.5	99.9	263.3	32.5	32.3	1.8	342.2	999.9	99.9	999.9	29.1	108.
38.8	95.0	10807.1	222.0	-49.8	99.9	264.5	32.3	32.2	1.1	343.5	999.9	99.9	999.9	30.1	107.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1121 GMT

155 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
39.5	96.0	10985.7	216.0	-51.3	99.0	267.5	31.8	31.8	1.4	343.8	999.9	99.9	999.9	31.2	107.
40.1	97.0	11107.1	212.0	-51.8	99.9	268.4	32.8	32.8	2.9	345.0	999.9	99.9	999.9	32.4	106.
40.6	98.0	11261.9	207.0	-51.6	99.9	268.2	33.5	33.5	1.0	347.6	999.9	99.9	999.9	33.3	105.
41.2	99.0	11388.3	203.0	-52.3	99.9	268.4	33.4	33.4	0.9	348.5	999.9	99.9	999.9	34.6	105.
41.8	100.0	11549.7	198.0	-52.0	99.9	268.5	32.7	32.7	0.8	351.5	999.9	99.9	999.9	35.7	104.
42.4	101.0	11715.3	193.0	-52.4	99.9	266.8	32.9	32.9	1.8	353.3	999.9	99.9	999.9	36.8	104.
43.0	102.0	11850.6	189.0	-52.7	99.9	264.6	34.5	34.3	3.3	355.0	999.9	99.9	999.9	37.8	103.
43.5	103.0	11988.6	185.0	-52.9	99.0	263.7	35.1	34.9	3.9	356.9	999.9	99.9	999.9	39.0	103.
44.0	104.0	12129.5	181.0	-53.5	99.9	263.7	35.3	35.0	3.8	358.1	999.9	99.9	999.9	40.0	102.
44.5	105.0	12272.8	177.0	-54.8	99.9	265.0	35.7	35.6	3.1	358.2	999.9	99.9	999.9	40.7	102.
45.1	106.0	12418.9	173.0	-54.0	99.9	265.1	33.1	32.9	2.8	360.3	999.9	99.9	999.9	42.4	101.
45.6	107.0	12568.4	169.0	-55.0	99.9	264.2	30.9	30.7	3.1	362.7	999.9	99.9	999.9	43.1	101.
46.1	108.0	12682.7	166.0	-55.5	99.9	264.6	32.7	32.5	3.1	363.8	999.9	99.9	999.9	43.7	101.
46.7	109.0	12838.0	162.0	-56.2	99.9	265.6	35.6	35.5	2.7	365.2	999.9	99.9	999.9	45.2	100.
47.2	110.0	12996.9	158.0	-56.2	99.9	266.2	36.3	36.2	2.4	367.8	999.9	99.9	999.9	46.2	100.
47.9	111.0	13159.6	154.0	-56.8	99.0	268.2	38.5	38.5	1.2	369.4	999.9	99.9	999.9	47.6	99.
48.5	112.0	13326.3	150.0	-57.0	99.9	269.8	37.6	37.6	0.2	371.9	999.9	99.9	999.9	49.3	99.
49.1	113.0	13497.5	146.0	-56.8	99.9	271.6	34.3	34.3	-1.0	375.1	999.9	99.9	999.9	50.4	99.
49.7	114.0	13629.4	143.0	-55.7	99.9	272.4	35.0	35.0	-1.4	379.3	999.9	99.9	999.9	51.5	99.
50.3	115.0	13764.4	140.0	-56.0	99.9	270.6	36.4	36.4	-0.4	381.1	999.9	99.9	999.9	52.9	99.
51.0	116.0	13948.8	136.0	-55.8	99.9	268.7	36.8	36.8	0.8	384.5	999.9	99.9	999.9	54.3	98.
51.6	117.0	14139.2	132.0	-55.0	99.9	269.3	38.2	38.2	0.5	389.3	999.9	99.9	999.9	55.7	98.
52.1	118.0	14286.1	129.0	-55.0	99.0	269.7	37.6	37.6	0.2	391.9	999.9	99.9	999.9	57.0	98.
52.7	119.0	14436.4	126.0	-55.2	99.9	269.7	35.1	35.1	0.2	394.2	999.9	99.9	999.9	58.2	98.
53.2	120.0	14590.3	123.0	-55.2	99.9	269.7	33.6	33.6	0.2	397.0	999.9	99.9	999.9	59.2	98.
53.8	121.0	14747.7	120.0	-55.8	99.9	269.1	31.7	31.6	0.5	398.6	999.9	99.9	999.9	60.4	97.
54.5	122.0	14908.6	117.0	-56.7	99.9	269.4	29.4	29.4	0.3	399.9	999.9	99.9	999.9	61.7	97.
55.1	123.0	15073.5	114.0	-56.2	99.9	273.2	33.3	33.3	-1.9	403.8	999.9	99.9	999.9	62.5	97.
55.7	124.0	15243.1	111.0	-56.0	99.9	274.4	37.2	37.1	-2.9	407.2	999.9	99.9	999.9	64.0	97.
56.4	125.0	15417.7	108.0	-55.0	99.9	270.6	31.5	31.5	-0.3	412.3	999.9	99.9	999.9	65.8	97.
57.1	126.0	15597.8	105.0	-54.8	99.9	262.6	24.4	24.2	3.1	416.0	999.9	99.9	999.9	66.6	97.
57.7	127.0	15782.9	102.0	-55.5	99.9	259.4	25.1	24.7	4.6	418.2	999.9	99.9	999.9	67.4	97.
58.4	128.0	15972.9	99.0	-56.3	99.9	257.4	26.1	25.5	5.7	420.1	999.9	99.9	999.9	68.7	96.
59.0	129.0	16102.5	97.0	-56.3	99.9	253.8	24.7	23.7	6.9	422.6	999.9	99.9	999.9	69.4	96.
59.6	130.0	16301.9	94.0	-56.5	99.9	254.8	25.3	24.4	6.6	426.1	999.9	99.9	999.9	70.2	96.
60.4	131.0	16507.5	91.0	-57.2	99.9	260.4	25.3	24.9	4.2	428.7	999.9	99.9	999.9	71.5	95.
61.0	132.0	16648.0	89.0	-57.3	99.9	264.9	23.8	23.7	2.1	431.1	999.9	99.9	999.9	72.3	95.
61.7	133.0	16791.7	87.0	-57.2	99.9	267.1	26.1	26.0	1.3	434.2	999.9	99.9	999.9	73.2	95.
62.3	134.0	17014.1	84.0	-56.5	99.9	262.0	25.0	24.8	3.5	440.0	999.9	99.9	999.9	74.4	95.
63.0	135.0	17168.0	82.0	-53.7	99.9	254.4	22.4	21.5	6.0	448.8	999.9	99.9	999.9	75.1	95.
63.8	136.0	17406.8	79.0	-55.2	99.9	253.2	24.1	23.0	7.0	450.5	999.9	99.9	999.9	76.2	95.
64.5	137.0	17652.8	76.0	-57.2	99.9	249.3	26.4	24.7	9.3	451.4	999.9	99.9	999.9	77.2	94.
65.3	138.0	17820.9	74.0	-58.9	99.9	248.0	29.2	27.1	10.9	451.2	999.9	99.9	999.9	78.4	94.
66.1	139.0	18080.2	71.0	-59.6	99.9	247.1	25.3	23.3	9.8	455.0	999.9	99.9	999.9	79.7	93.
66.9	140.0	18258.4	69.0	-60.7	99.9	249.9	22.7	21.4	7.8	456.4	999.9	99.9	999.9	80.6	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1121 GMT

155 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CGMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.7	141.0	18534.2	66.0	-62.0	99.9	258.0	23.7	23.2	4.9	459.5	999.9	99.9	999.9	81.7	93.
68.4	142.0	18724.0	64.0	-63.1	99.9	265.9	24.4	24.3	1.7	461.0	999.9	99.9	999.9	82.6	93.
69.1	143.0	19018.6	61.0	-64.3	99.9	273.2	22.4	22.3	-1.2	464.8	999.9	99.9	999.9	83.8	93.
70.0	144.0	19223.0	59.0	-63.3	99.9	279.6	19.4	19.1	-3.2	471.4	999.9	99.9	999.9	84.7	93.
70.8	145.0	19434.7	57.0	-63.9	99.9	276.6	21.2	21.1	-2.4	474.8	999.9	99.9	999.9	85.7	93.
71.8	146.0	19765.8	54.0	-64.3	99.9	269.5	20.9	20.9	0.2	481.3	999.9	99.9	999.9	87.1	93.
72.7	147.0	19997.3	52.0	-63.1	99.9	272.5	18.3	18.3	-0.8	489.2	999.9	99.9	999.9	88.1	93.
73.8	148.0	20239.7	50.0	-61.2	99.9	280.8	21.8	21.5	-4.1	499.2	999.9	99.9	999.9	89.2	93.
74.8	149.0	20624.5	47.0	-60.3	99.9	280.1	23.2	22.8	-4.1	510.3	999.9	99.9	999.9	90.8	93.
75.8	150.0	20894.5	45.0	-62.2	99.9	276.7	20.7	20.5	-2.4	512.2	999.9	99.9	999.9	92.0	93.
76.8	151.0	21174.5	43.0	-63.5	99.9	278.0	23.4	23.2	-3.2	515.6	999.9	99.9	999.9	93.3	93.
78.0	152.0	21618.2	40.0	-63.9	99.9	278.0	22.1	21.9	-3.1	525.4	999.9	99.9	999.9	95.1	93.
79.3	153.0	21933.5	38.0	-62.7	99.9	272.9	15.7	15.6	-0.8	536.1	999.9	99.9	999.9	96.5	93.
80.6	154.0	22266.7	36.0	-62.7	99.9	256.2	16.2	15.7	3.9	544.5	999.9	99.9	999.9	97.2	93.
82.0	155.0	22801.3	33.0	-64.1	99.9	262.0	20.2	20.0	2.8	554.6	999.9	99.9	999.9	99.5	93.
83.3	156.0	23182.6	31.0	-65.7	99.9	281.6	15.2	14.9	-3.1	560.3	999.9	99.9	999.9	100.3	93.
84.7	157.0	23587.7	29.0	-65.9	99.9	284.1	20.0	19.4	-4.9	570.5	999.9	99.9	999.9	102.0	93.
86.4	158.0	24020.7	27.0	-66.7	99.9	282.8	29.6	28.9	-6.6	580.0	999.9	99.9	999.9	104.5	93.
88.6	159.0	24739.1	24.0	-63.1	99.9	280.1	21.8	21.5	-3.8	610.3	999.9	99.9	999.9	107.7	94.
90.5	160.0	25275.6	22.0	-62.2	99.9	999.9	99.9	99.9	99.9	628.5	999.9	99.9	999.9	999.9	999.

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1514 GMT

161 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	438.0	970.5	-11.6	-14.2	310.0	7.2	5.5	-4.6	264.0	267.4	1.3	81.0	0.0	0.
0.2	8.0	489.7	964.0	-10.3	-13.5	313.9	6.9	4.9	-4.8	265.8	269.5	1.4	77.0	0.3	141.
0.4	9.0	585.9	952.0	-11.7	-13.7	313.9	6.9	4.9	-4.8	265.3	268.9	1.4	84.2	0.3	141.
0.8	10.0	674.9	941.0	-12.6	-14.7	317.1	6.9	4.7	-5.1	265.3	268.9	1.4	88.0	0.4	139.
1.2	11.0	789.2	927.0	-13.3	-13.3	318.3	7.4	4.9	-5.5	265.8	269.6	1.5	100.0	0.6	139.
1.6	12.0	880.0	916.0	-14.5	-14.5	319.2	8.3	5.4	-6.3	265.4	268.9	1.4	102.5	0.8	139.
1.9	13.0	971.4	905.0	-15.3	-15.3	324.6	9.3	5.4	-7.6	265.4	268.8	1.3	103.8	0.9	138.
2.2	14.0	1063.9	894.0	-14.9	-14.9	331.5	10.7	5.1	-9.4	266.8	270.3	1.3	103.9	1.1	140.
2.6	15.0	1157.9	883.0	-13.1	-13.1	337.6	12.6	4.8	-11.6	269.6	273.8	1.6	104.5	1.4	143.
2.9	16.0	1279.8	869.0	-13.0	-13.0	337.7	12.8	4.9	-11.8	271.0	275.3	1.6	104.5	1.6	146.
3.3	17.0	1377.1	858.0	-12.6	-12.6	338.6	11.1	4.0	-10.3	272.5	277.0	1.7	103.1	1.9	147.
3.7	18.0	1475.7	847.0	-12.4	-12.4	334.4	9.4	4.1	-8.4	273.6	278.3	1.7	101.9	2.2	149.
4.1	19.0	1566.5	837.0	-12.3	-12.3	323.0	8.7	5.2	-6.9	274.7	279.5	1.8	100.4	2.4	149.
4.4	20.0	1658.7	827.0	-11.3	-11.3	314.9	8.7	6.2	-6.2	276.7	282.0	2.0	100.3	2.5	148.
4.9	21.0	1789.6	813.0	-11.8	-11.9	312.0	8.6	6.4	-5.8	277.5	282.6	1.9	99.9	2.8	147.
5.2	22.0	1884.3	803.0	-12.7	-12.7	311.1	8.6	6.4	-5.6	277.5	282.4	1.8	100.6	2.9	146.
5.6	23.0	1989.4	792.0	-13.8	-13.8	310.0	8.6	6.6	-5.5	277.4	281.9	1.7	102.3	3.1	145.
5.9	24.0	2076.2	783.0	-14.5	-14.5	309.9	8.7	6.7	-5.6	277.6	281.9	1.6	103.9	3.3	144.
6.3	25.0	2174.6	773.0	-9.7	-10.7	307.9	9.2	7.3	-5.6	283.8	289.8	2.2	92.3	3.5	143.
6.8	26.0	2305.7	760.0	-9.6	-11.5	295.4	8.1	7.4	-3.5	285.4	291.2	2.1	85.7	3.8	142.
7.1	27.0	2408.1	750.0	-9.6	-10.8	285.0	7.4	7.2	-1.9	286.5	292.7	2.2	90.3	3.9	141.
7.6	28.0	2512.0	740.0	-9.0	-11.2	279.6	7.0	6.9	-1.2	288.2	294.3	2.2	83.7	4.0	139.
7.9	29.0	2617.3	730.0	-9.4	-12.1	275.4	6.5	6.5	-0.6	288.8	294.6	2.1	80.4	4.1	137.
8.2	30.0	2723.9	720.0	-9.8	-12.5	271.4	6.0	6.0	-0.1	289.5	295.2	2.0	80.9	4.2	136.
8.6	31.0	2820.9	711.0	-10.7	-13.1	266.4	5.5	5.5	0.3	289.6	295.1	1.9	81.9	4.3	135.
9.0	32.0	2907.9	703.0	-11.4	-13.7	264.0	5.6	5.6	0.6	289.7	295.0	1.9	81.7	4.3	134.
9.4	33.0	3017.6	693.0	-12.3	-14.7	265.7	6.8	6.8	0.5	289.9	295.0	1.8	82.3	4.4	133.
9.8	34.0	3128.7	683.0	-13.0	-15.3	267.9	8.2	8.2	0.3	290.3	295.2	1.7	82.5	4.6	131.
10.1	35.0	3241.0	673.0	-13.8	-16.2	269.6	9.1	9.1	0.1	290.6	295.2	1.6	82.3	4.7	129.
10.6	36.0	3366.1	662.0	-14.5	-16.9	272.5	9.8	9.8	-0.4	291.2	295.6	1.5	82.2	4.9	127.
11.0	37.0	3469.8	653.0	-15.3	-17.9	274.6	10.0	10.0	-0.8	291.4	295.5	1.4	80.8	5.1	126.
11.4	38.0	3586.2	643.0	-16.2	-18.1	275.5	10.3	10.2	-1.0	291.7	295.8	1.4	83.3	5.3	125.
11.8	39.0	3680.4	635.0	-16.9	-19.7	276.5	10.7	10.7	-1.2	292.0	295.9	1.3	83.0	5.6	123.
12.2	40.0	3787.5	626.0	-17.7	-19.7	277.6	11.4	11.3	-1.5	292.2	296.0	1.3	84.2	5.8	122.
12.8	41.0	3920.0	615.0	-18.6	-20.3	279.2	12.7	12.5	-2.0	292.6	296.2	1.2	86.3	6.2	121.
13.2	42.0	4029.8	606.0	-19.6	-21.7	280.2	13.4	13.2	-2.4	292.7	296.0	1.1	82.8	6.5	120.
13.5	43.0	4128.4	598.0	-20.4	-23.4	281.0	13.9	13.6	-2.6	292.9	295.8	1.0	76.9	6.7	119.
13.9	44.0	4240.6	589.0	-21.2	-23.8	282.6	14.3	13.9	-3.1	293.2	296.1	0.9	79.2	7.0	118.
14.2	45.0	4354.0	580.0	-22.1	-24.5	283.3	14.5	14.1	-3.3	293.4	296.2	0.9	82.4	7.3	117.
14.7	46.0	4456.0	572.0	-23.2	-24.7	283.1	15.0	14.6	-3.4	293.3	296.0	0.9	87.0	7.7	117.
15.1	47.0	4559.1	564.0	-23.9	-25.7	282.1	15.2	14.9	-3.2	293.7	296.4	0.9	88.6	8.1	116.
15.5	48.0	4663.3	556.0	-24.4	-27.3	281.0	15.2	14.9	-2.9	294.3	296.5	0.7	76.4	8.5	116.
15.9	49.0	4782.1	547.0	-25.0	-29.5	280.9	14.7	14.4	-2.8	294.9	296.7	0.6	66.1	8.8	115.
16.3	50.0	4889.0	539.0	-26.2	-30.8	281.1	14.1	13.9	-2.7	294.7	296.4	0.5	64.9	9.1	114.
16.8	51.0	5024.1	529.0	-27.6	-32.3	281.3	13.6	13.3	-2.7	294.7	296.2	0.5	63.5	9.5	114.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1514 GMT

161 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.2	52.0	5133.5	521.0	-28.6	-33.0	281.6	13.3	13.0	-2.7	294.7	296.0	0.4	61.9	9.9	113.
17.7	53.0	5244.1	513.0	-29.8	-35.0	282.8	13.3	13.0	-2.9	294.5	295.7	0.4	56.4	10.2	113.
18.1	54.0	5341.8	506.0	-30.7	-36.0	284.6	13.6	13.2	-3.4	294.6	295.6	0.3	54.6	10.5	113.
18.5	55.0	5469.0	497.0	-31.8	-38.5	286.9	14.0	13.4	-4.1	294.8	295.7	0.3	50.7	10.9	112.
19.0	56.0	5598.0	488.0	-32.7	-40.5	289.9	14.3	13.5	-4.9	295.2	295.9	0.2	45.4	11.3	112.
19.4	57.0	5699.6	481.0	-33.5	-42.5	291.5	14.8	13.7	-5.4	295.4	296.0	0.2	39.4	11.6	112.
19.8	58.0	5817.1	473.0	-34.4	-43.5	292.0	15.4	14.3	-5.8	295.7	296.3	0.2	39.0	12.0	112.
20.2	59.0	5921.2	466.0	-35.5	-44.5	291.4	16.1	15.0	-5.9	295.6	296.2	0.2	39.7	12.4	112.
20.6	60.0	6041.4	458.0	-36.7	-45.2	289.8	16.5	15.5	-5.6	295.6	296.1	0.1	40.3	12.8	112.
20.9	61.0	6147.9	451.0	-37.6	-45.0	287.8	16.7	15.9	-5.1	295.7	296.2	0.1	41.0	13.1	112.
21.3	62.0	6255.6	444.0	-38.4	-47.1	284.6	17.0	16.5	-4.3	296.0	296.4	0.1	39.5	13.5	112.
21.7	63.0	6380.3	436.0	-39.5	99.9	281.6	17.6	17.2	-3.5	296.2	999.9	99.9	999.9	13.9	112.
22.1	64.0	6475.0	430.0	-40.2	99.9	279.2	18.2	18.0	-2.9	296.6	999.9	99.9	999.9	14.3	111.
22.4	65.0	6586.8	423.0	-41.2	99.9	277.9	18.5	18.4	-2.5	296.7	999.9	99.9	999.9	14.7	111.
22.9	66.0	6732.6	414.0	-42.3	99.9	276.2	18.7	18.6	-2.0	297.1	999.9	99.9	999.9	15.2	111.
23.3	67.0	6847.6	407.0	-43.5	99.9	275.4	18.6	18.5	-1.8	297.0	999.9	99.9	999.9	15.6	110.
23.7	68.0	6964.1	400.0	-44.4	99.9	275.1	18.5	18.4	-1.6	297.3	999.9	99.9	999.9	16.1	110.
24.1	69.0	7065.1	394.0	-45.5	99.9	275.0	18.3	18.2	-1.6	297.1	999.9	99.9	999.9	16.5	109.
24.4	70.0	7184.4	387.0	-46.4	99.9	274.8	18.2	18.1	-1.5	297.5	999.9	99.9	999.9	16.8	109.
25.0	71.0	7322.8	379.0	-47.7	99.9	274.8	18.2	18.2	-1.5	297.6	999.9	99.9	999.9	17.4	109.
25.4	72.0	7445.6	372.0	-48.7	99.9	275.8	18.6	18.5	-1.9	297.8	999.9	99.9	999.9	17.8	108.
25.8	73.0	7552.3	366.0	-49.7	99.9	277.2	18.8	18.7	-2.4	297.8	999.9	99.9	999.9	18.3	108.
26.1	74.0	7660.2	360.0	-50.6	99.9	278.3	18.9	18.7	-2.7	298.0	999.9	99.9	999.9	18.6	108.
26.5	75.0	7769.6	354.0	-51.2	99.9	279.5	18.6	18.3	-3.1	298.7	999.9	99.9	999.9	19.1	108.
26.9	76.0	7899.2	347.0	-52.0	99.9	279.7	18.3	18.0	-3.1	299.3	999.9	99.9	999.9	19.5	107.
27.2	77.0	8012.1	341.0	-52.5	99.9	279.5	18.5	18.2	-3.0	300.2	999.9	99.9	999.9	19.8	107.
27.6	78.0	8126.8	335.0	-52.3	99.9	278.6	19.2	19.0	-2.9	301.9	999.9	99.9	999.9	20.3	107.
28.1	79.0	8243.7	329.0	-52.3	99.9	276.6	21.2	21.1	-2.4	303.5	999.9	99.9	999.9	20.8	107.
28.4	80.0	8362.8	323.0	-52.5	99.9	275.2	22.5	22.4	-2.0	304.9	999.9	99.9	999.9	21.2	107.
29.0	81.0	8504.9	316.0	-50.9	99.9	273.6	24.5	24.4	-1.6	308.9	999.9	99.9	999.9	22.1	106.
29.4	82.0	8608.9	311.0	-50.2	99.9	274.3	25.8	25.8	-1.9	311.4	999.9	99.9	999.9	22.6	106.
29.9	83.0	8736.2	305.0	-49.9	99.9	274.9	28.0	27.9	-2.4	313.6	999.9	99.9	999.9	23.5	105.
30.3	84.0	8866.3	299.0	-49.3	99.9	274.7	29.3	29.2	-2.4	316.2	999.9	99.9	999.9	24.1	105.
30.7	85.0	8977.0	294.0	-48.7	99.9	274.7	29.8	29.7	-2.5	318.6	999.9	99.9	999.9	24.9	105.
31.2	86.0	9135.5	287.0	-48.4	99.9	275.9	29.4	29.3	-3.0	321.2	999.9	99.9	999.9	25.8	104.
31.6	87.0	9251.2	282.0	-48.4	99.9	277.5	28.4	28.1	-3.7	322.8	999.9	99.9	999.9	26.4	104.
32.1	88.0	9392.8	276.0	-48.4	99.9	278.6	26.5	26.2	-4.0	324.8	999.9	99.9	999.9	27.4	104.
32.5	89.0	9513.0	271.0	-49.0	99.9	278.1	25.6	25.4	-3.6	325.6	999.9	99.9	999.9	27.9	104.
33.1	90.0	9635.1	266.0	-49.6	99.9	276.5	26.6	26.5	-3.0	326.5	999.9	99.9	999.9	28.7	104.
33.4	91.0	9759.4	261.0	-49.6	99.9	275.9	27.0	26.9	-2.8	328.3	999.9	99.9	999.9	29.4	104.
33.9	92.0	9911.6	255.0	-49.7	99.9	275.3	27.0	26.9	-2.5	330.3	999.9	99.9	999.9	30.1	103.
34.3	93.0	10015.1	251.0	-49.9	99.9	274.6	26.9	26.8	-2.1	331.5	999.9	99.9	999.9	30.7	103.
34.8	94.0	10146.6	246.0	-50.0	99.9	273.4	26.9	26.8	-1.6	333.2	999.9	99.9	999.9	31.6	103.
35.3	95.0	10280.8	241.0	-50.2	99.9	273.0	27.8	27.8	-1.4	335.0	999.9	99.9	999.9	32.3	103.
35.9	96.0	10445.7	235.0	-49.4	99.9	273.1	29.6	29.5	-1.6	338.5	999.9	99.9	999.9	33.3	102.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1514 GMT

161 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.4	97.0	10586.6	230.0	-49.4	99.9	272.4	29.4	29.3	-1.2	340.6	999.9	99.9	999.9	34.4	102.
36.9	98.0	10701.5	226.0	-49.7	99.9	272.0	29.4	29.3	-1.0	341.9	999.9	99.9	999.9	34.9	102.
37.4	99.0	10847.8	221.0	-50.0	99.9	272.4	30.4	30.4	-1.3	343.6	999.9	99.9	999.9	36.0	102.
37.9	100.0	10967.0	217.0	-50.6	99.9	272.4	30.4	30.4	-1.3	344.5	999.9	99.9	999.9	36.9	101.
38.4	101.0	11149.5	211.0	-51.2	99.9	272.1	29.9	29.9	-1.1	346.3	999.9	99.9	999.9	37.8	101.
38.9	102.0	11273.7	207.0	-52.0	99.9	271.9	31.0	31.0	-1.0	347.0	999.9	99.9	999.9	38.6	101.
39.3	103.0	11432.0	202.0	-52.2	99.9	271.6	32.0	32.0	-0.9	349.2	999.9	99.9	999.9	39.4	101.
39.8	104.0	11561.4	198.0	-52.5	99.9	271.3	31.5	31.5	-0.7	350.7	999.9	99.9	999.9	40.4	101.
40.3	105.0	11693.3	194.0	-52.5	99.9	271.8	29.5	29.4	-0.9	352.7	999.9	99.9	999.9	41.3	100.
40.8	106.0	11828.0	190.0	-52.5	99.9	272.7	28.6	28.6	-1.4	354.8	999.9	99.9	999.9	42.1	100.
41.2	107.0	11965.3	186.0	-53.1	99.9	272.8	29.8	29.8	-1.4	356.0	999.9	99.9	999.9	42.8	100.
41.7	108.0	12105.3	182.0	-53.6	99.9	272.0	32.7	32.7	-1.1	357.5	999.9	99.9	999.9	43.6	100.
42.2	109.0	12248.1	178.0	-54.1	99.9	271.4	33.9	33.8	-0.9	359.0	999.9	99.9	999.9	44.7	100.
42.6	110.0	12393.9	174.0	-54.1	99.9	271.6	32.9	32.8	-0.9	361.3	999.9	99.9	999.9	45.8	100.
43.2	111.0	12543.2	170.0	-54.1	99.9	272.8	32.2	32.2	-1.6	363.7	999.9	99.9	999.9	46.6	99.
43.7	112.0	12696.1	166.0	-53.9	99.9	273.6	33.8	33.7	-2.1	366.5	999.9	99.9	999.9	47.6	99.
44.1	113.0	12852.8	162.0	-53.7	99.9	273.5	34.3	34.2	-2.1	369.3	999.9	99.9	999.9	48.6	99.
44.6	114.0	12973.0	159.0	-53.4	99.9	272.6	32.8	32.8	-1.5	371.8	999.9	99.9	999.9	49.5	99.
45.1	115.0	13137.0	155.0	-53.3	99.9	272.0	31.1	31.1	-1.1	374.8	999.9	99.9	999.9	50.5	99.
45.7	116.0	13305.4	151.0	-53.4	99.9	273.4	30.0	29.9	-1.8	377.3	999.9	99.9	999.9	51.6	99.
46.2	117.0	13434.3	148.0	-54.1	99.9	274.7	31.0	30.9	-2.5	378.4	999.9	99.9	999.9	52.4	99.
46.7	118.0	13610.3	144.0	-53.9	99.9	274.8	33.3	33.2	-2.8	381.7	999.9	99.9	999.9	53.3	99.
47.2	119.0	13745.4	141.0	-54.2	99.9	274.8	34.7	34.5	-2.9	383.4	999.9	99.9	999.9	54.5	99.
47.8	120.0	13883.4	138.0	-53.7	99.9	276.2	35.4	35.1	-3.8	386.6	999.9	99.9	999.9	55.6	99.
48.2	121.0	14024.7	135.0	-53.7	99.9	277.4	36.0	35.7	-4.6	389.1	999.9	99.9	999.9	56.5	99.
48.7	122.0	14218.1	131.0	-53.6	99.9	277.8	35.4	35.1	-4.8	392.7	999.9	99.9	999.9	57.6	99.
49.2	123.0	14367.0	128.0	-53.7	99.9	276.5	32.0	31.8	-3.6	395.0	999.9	99.9	999.9	58.7	99.
49.7	124.0	14519.3	125.0	-54.1	99.9	273.9	27.9	27.8	-1.9	397.1	999.9	99.9	999.9	59.6	98.
50.2	125.0	14675.2	122.0	-53.9	99.9	271.8	27.0	27.0	-0.8	400.2	999.9	99.9	999.9	60.3	98.
50.8	126.0	14835.4	119.0	-53.4	99.9	271.7	30.2	30.2	-0.9	403.9	999.9	99.9	999.9	61.2	98.
51.4	127.0	14999.6	116.0	-53.7	99.9	272.6	32.8	32.8	-1.5	406.3	999.9	99.9	999.9	62.5	98.
51.8	128.0	15167.9	113.0	-54.1	99.9	273.4	33.2	33.1	-2.0	408.8	999.9	99.9	999.9	63.2	98.
52.4	129.0	15340.4	110.0	-54.4	99.9	274.2	31.5	31.4	-2.3	411.3	999.9	99.9	999.9	64.5	98.
52.8	130.0	15577.9	106.0	-54.2	99.9	273.9	28.3	28.2	-1.9	416.0	999.9	99.9	999.9	65.3	98.
53.4	131.0	15700.0	104.0	-54.5	99.9	272.2	23.4	23.4	-0.9	417.7	999.9	99.9	999.9	66.1	98.
53.9	132.0	15887.2	101.0	-55.0	99.9	271.6	23.3	23.3	-0.6	420.3	999.9	99.9	999.9	66.8	98.
54.5	133.0	16014.8	99.0	-55.5	99.9	273.8	26.9	26.8	-1.8	421.7	999.9	99.9	999.9	67.4	98.
55.0	134.0	16210.8	96.0	-56.0	99.9	276.3	28.9	28.7	-3.2	424.5	999.9	99.9	999.9	68.7	98.
55.6	135.0	16344.6	94.0	-56.3	99.9	277.0	28.2	28.0	-3.5	426.4	999.9	99.9	999.9	69.4	98.
56.3	136.0	16550.5	91.0	-56.7	99.9	275.5	27.4	27.3	-2.6	429.7	999.9	99.9	999.9	70.7	98.
57.0	137.0	16763.1	88.0	-56.5	99.9	275.0	31.0	30.9	-2.7	434.2	999.9	99.9	999.9	71.6	98.
57.6	138.0	16982.8	85.0	-57.5	99.9	275.3	34.8	34.7	-1.2	436.5	999.9	99.9	999.9	73.1	98.
58.2	139.0	17209.6	82.0	-57.8	99.9	273.9	33.4	33.4	-2.3	440.3	999.9	99.9	999.9	74.3	98.
58.8	140.0	17445.4	79.0	-56.5	99.9	270.6	27.1	27.1	-0.3	447.8	999.9	99.9	999.9	75.6	98.
59.6	141.0	17608.9	77.0	-54.4	99.9	267.2	21.3	21.2	1.0	455.5	999.9	99.9	999.9	76.5	97.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1514 GMT

161 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.3	142.0	17863.5	74.0	-54.5	99.9	264.8	20.0	19.9	1.8	460.4	999.9	99.9	999.9	77.5	97.
61.1	143.0	18038.6	72.0	-55.3	99.9	260.4	21.5	21.2	3.6	462.3	999.9	99.9	999.9	78.2	97.
61.7	144.0	18309.2	69.0	-56.8	99.9	260.7	24.3	23.9	3.9	464.8	999.9	99.9	999.9	79.1	97.
62.4	145.0	18590.4	66.0	-57.7	99.9	259.2	21.2	20.8	4.0	468.9	999.9	99.9	999.9	80.1	97.
63.1	146.0	18783.9	64.0	-59.2	99.9	260.8	19.7	19.5	3.1	469.6	999.9	99.9	999.9	80.8	96.
63.9	147.0	18982.2	62.0	-60.6	99.9	265.7	26.2	26.1	1.9	470.8	999.9	99.9	999.9	81.8	96.
64.6	148.0	19290.1	59.0	-61.9	99.9	266.4	28.1	28.1	1.8	474.7	999.9	99.9	999.9	83.1	96.
65.3	149.0	19503.1	57.0	-62.6	99.9	265.1	22.4	22.3	1.9	477.7	999.9	99.9	999.9	84.2	96.
66.0	150.0	19723.3	55.0	-62.8	99.9	269.9	23.3	23.3	0.1	482.2	999.9	99.9	999.9	84.9	96.
66.8	151.0	20068.9	52.0	-62.8	99.9	277.5	26.3	26.1	-3.4	490.0	999.9	99.9	999.9	86.3	96.
67.5	152.0	20310.5	50.0	-62.8	99.9	285.8	24.3	23.4	-6.6	495.5	999.9	99.9	999.9	87.4	96.
68.3	153.0	20563.3	48.0	-60.8	99.9	289.8	22.7	21.3	-7.7	506.1	999.9	99.9	999.9	88.4	96.
69.2	154.0	20829.1	46.0	-59.0	99.9	289.2	19.3	18.2	-5.4	516.6	999.9	99.9	999.9	89.6	96.
69.9	155.0	21106.8	44.0	-60.8	99.9	287.9	18.1	17.2	-5.6	518.9	999.9	99.9	999.9	90.2	96.
70.8	156.0	21395.6	42.0	-61.5	99.9	278.6	20.2	20.0	-3.0	524.0	999.9	99.9	999.9	91.4	97.
71.6	157.0	21855.3	39.0	-61.3	99.9	271.4	14.9	14.9	-0.4	535.7	999.9	99.9	999.9	92.3	97.
72.3	158.0	22181.9	37.0	-61.3	99.9	263.4	13.6	13.5	1.6	543.9	999.9	99.9	999.9	92.7	96.
73.2	159.0	22525.6	35.0	-62.4	99.9	269.7	16.8	16.8	0.1	549.7	999.9	99.9	999.9	93.6	96.
74.1	160.0	22888.5	33.0	-63.0	99.9	275.9	21.1	21.0	-2.2	557.5	999.9	99.9	999.9	94.6	96.
75.2	161.0	23274.0	31.0	-62.2	99.9	277.9	18.5	18.3	-2.5	569.6	999.9	99.9	999.9	95.9	96.
76.2	162.0	23686.2	29.0	-62.1	99.9	283.9	27.1	26.3	-5.5	581.1	999.9	99.9	999.9	97.1	96.
77.4	163.0	24128.4	27.0	-61.7	99.9	289.5	21.5	20.3	-7.2	594.1	999.9	99.9	999.9	99.0	97.
78.8	164.0	24606.8	25.0	-60.3	99.9	271.8	26.3	26.3	-0.8	611.5	999.9	99.9	999.9	101.0	97.
80.0	165.0	25404.0	22.0	-60.3	99.9	261.1	21.2	20.9	3.3	634.2	999.9	99.9	999.9	103.3	96.
82.0	166.0	25999.6	20.0	-59.4	99.9	999.9	99.9	99.9	99.9	654.5	999.9	99.9	999.9	999.9	999.
83.7	167.0	26659.3	18.0	-59.4	99.9	999.9	99.9	99.9	99.9	674.5	999.9	99.9	999.9	999.9	999.

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1821 GMT

154 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	438.0	971.6	-10.6	-14.3	300.0	7.2	6.2	-3.6	264.9	268.2	1.3	73.0	0.0	0.
0.2	7.0	466.5	968.0	-11.5	-16.0	299.5	8.6	7.5	-4.2	264.2	267.2	1.1	69.1	0.3	128.
0.4	8.0	553.9	957.0	-13.3	-16.6	299.5	8.6	7.5	-4.2	263.2	266.1	1.1	76.2	0.3	128.
0.7	9.0	641.8	946.0	-13.9	-15.6	302.3	7.8	6.6	-4.2	263.5	266.6	1.2	86.8	0.4	126.
1.0	10.0	730.5	935.0	-15.0	-16.1	307.8	6.7	5.3	-4.1	263.3	266.3	1.2	91.4	0.5	124.
1.4	11.0	844.5	921.0	-15.7	-15.8	317.5	6.5	4.4	-4.8	263.7	266.9	1.2	99.3	0.7	127.
1.6	12.0	926.7	911.0	-16.8	-16.3	320.2	6.8	4.4	-5.2	263.4	266.3	1.1	99.7	0.7	129.
1.9	13.0	1017.9	900.0	-17.4	-17.4	320.7	7.9	5.0	-6.1	263.8	266.6	1.1	99.9	0.9	130.
2.2	14.0	1110.2	889.0	-16.7	-16.7	322.0	8.9	5.5	-7.0	265.4	268.5	1.2	100.6	1.0	132.
2.5	15.0	1204.1	878.0	-15.0	-15.2	323.4	9.8	5.9	-7.9	268.1	271.6	1.3	98.1	1.2	133.
2.9	16.0	1317.1	865.0	-14.5	-14.8	318.5	10.4	6.9	-7.8	269.8	273.5	1.4	97.0	1.4	135.
3.2	17.0	1405.4	855.0	-13.8	-14.6	313.5	10.4	7.5	-7.1	271.4	275.3	1.4	93.1	1.6	135.
3.5	18.0	1494.9	845.0	-13.8	-15.4	307.7	10.2	8.1	-5.3	272.3	276.0	1.4	87.6	1.8	135.
3.9	19.0	1585.3	835.0	-14.0	-16.2	311.3	10.9	8.2	-7.2	273.0	276.5	1.3	83.8	2.1	134.
4.2	20.0	1686.1	824.0	-13.8	-15.3	314.3	11.7	8.4	-9.2	274.3	278.0	1.3	84.4	2.3	134.
4.6	21.0	1797.7	812.0	-13.6	-15.5	315.4	12.4	8.7	-8.8	275.6	279.4	1.4	85.2	2.6	134.
4.9	22.0	1901.4	801.0	-14.2	-16.4	310.0	11.9	9.1	-7.6	276.1	279.7	1.3	82.8	2.8	134.
5.2	23.0	1996.9	791.0	-13.5	-15.2	305.4	11.5	9.4	-6.7	277.8	281.9	1.5	86.5	3.0	134.
5.6	24.0	2084.4	782.0	-10.9	-11.6	300.9	11.2	9.6	-5.7	281.6	287.0	2.0	94.8	3.3	133.
5.9	25.0	2183.5	772.0	-10.4	-12.6	300.4	11.4	9.8	-5.7	283.2	288.4	1.9	83.4	3.5	132.
6.3	26.0	2304.2	760.0	-10.2	-13.3	301.8	11.7	9.9	-5.2	284.6	289.6	1.8	77.0	3.7	131.
6.7	27.0	2406.3	750.0	-10.7	-14.3	304.5	12.4	10.3	-7.0	285.2	289.9	1.7	74.4	4.0	130.
7.0	28.0	2509.5	740.0	-10.9	-14.9	306.7	13.3	10.6	-7.9	286.0	290.6	1.6	72.5	4.2	130.
7.3	29.0	2603.5	731.0	-11.4	-16.1	307.2	13.7	10.9	-8.3	286.5	290.7	1.5	67.8	4.5	130.
7.7	30.0	2709.1	721.0	-11.8	-16.5	307.6	14.2	11.3	-8.7	287.2	291.3	1.5	67.8	4.8	130.
8.1	31.0	2805.3	712.0	-12.2	-16.9	307.7	14.6	11.6	-8.9	287.7	291.8	1.4	67.8	5.2	130.
8.6	32.0	2902.5	703.0	-12.8	-17.7	308.2	15.5	12.2	-9.6	288.1	292.0	1.3	66.3	5.6	130.
8.9	33.0	3011.7	693.0	-13.3	-18.6	308.6	16.2	12.6	-10.1	288.7	292.4	1.3	64.6	5.9	130.
9.2	34.0	3122.3	683.0	-13.9	-19.2	308.5	16.6	13.0	-10.3	289.2	292.8	1.2	64.0	6.2	130.
9.6	35.0	3223.0	674.0	-14.6	-20.0	308.0	16.8	13.2	-10.4	289.6	292.9	1.2	63.6	6.6	130.
10.1	36.0	3347.5	662.0	-15.4	-20.8	306.6	16.1	13.0	-9.6	290.0	293.2	1.1	63.4	7.1	129.
10.4	37.0	3462.1	653.0	-16.4	-21.3	305.7	15.6	12.6	-9.1	290.1	293.1	1.0	62.6	7.4	129.
10.9	38.0	3554.8	645.0	-16.8	-22.6	304.7	15.3	12.6	-8.7	290.7	293.6	1.0	60.7	7.8	129.
11.2	39.0	3660.2	636.0	-17.6	-23.5	304.3	15.5	12.8	-8.8	290.9	293.6	0.9	60.1	8.1	129.
11.5	40.0	3766.7	627.0	-18.3	-24.0	303.9	15.9	13.2	-8.9	291.3	293.9	0.9	60.7	8.4	129.
11.9	41.0	3886.6	617.0	-19.3	-24.8	303.2	16.4	13.7	-8.9	291.6	294.0	0.8	61.1	8.8	129.
12.3	42.0	3995.7	608.0	-20.5	-25.3	302.2	16.6	14.0	-8.8	291.4	293.7	0.8	62.0	9.2	128.
12.7	43.0	4105.5	599.0	-21.4	-26.5	301.3	16.6	14.2	-8.6	291.5	293.8	0.7	63.5	9.6	128.
13.0	44.0	4204.9	591.0	-22.2	-27.4	300.5	16.5	14.3	-8.4	291.7	293.8	0.7	62.2	9.9	128.
13.4	45.0	4317.6	582.0	-23.0	-29.2	299.7	16.7	14.5	-8.3	292.1	293.9	0.6	56.9	10.3	127.
13.8	46.0	4418.5	574.0	-23.4	-30.6	299.5	17.1	14.9	-8.4	292.7	294.3	0.5	51.2	10.7	127.
14.1	47.0	4534.3	565.0	-24.6	-32.7	299.6	17.3	15.1	-8.6	292.6	294.0	0.4	46.7	11.0	127.
14.6	48.0	4637.9	557.0	-25.5	-34.3	300.3	17.5	15.1	-8.8	292.7	293.9	0.4	43.2	11.5	127.
15.0	49.0	4742.7	549.0	-26.3	-35.3	300.7	17.3	14.9	-8.8	293.0	294.1	0.3	42.3	11.9	126.
15.3	50.0	4848.7	541.0	-27.3	-36.3	300.4	17.1	14.8	-8.7	293.1	294.1	0.3	39.4	12.2	126.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1821 GMT

154 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.9	51.0	4982.7	531.0	-28.4	-38.5	299.3	17.1	14.9	-3.4	293.3	294.1	0.2	36.6	12.8	126.
16.2	52.0	5091.4	523.0	-29.4	-39.5	298.5	17.4	15.3	-4.3	293.4	294.2	0.2	36.5	13.1	126.
16.7	53.0	5201.2	515.0	-30.4	-40.9	297.2	18.2	16.2	-8.3	293.4	294.1	0.2	34.9	13.7	126.
17.0	54.0	5312.4	507.0	-31.2	-42.0	296.5	18.7	16.7	-8.4	293.8	294.4	0.2	33.2	14.0	125.
17.3	55.0	5410.7	500.0	-32.1	-43.0	296.4	18.9	17.0	-8.4	293.8	294.4	0.2	32.7	14.4	125.
17.9	56.0	5553.0	490.0	-33.2	-44.4	296.9	19.6	17.5	-8.9	294.2	294.7	0.1	31.0	15.0	125.
18.2	57.0	5668.5	482.0	-34.0	-45.1	297.5	20.0	17.7	-9.2	294.6	295.1	0.1	31.3	15.4	124.
18.6	58.0	5770.8	475.0	-34.8	-45.9	298.2	20.4	17.9	-9.6	294.9	295.3	0.1	31.1	15.9	124.
19.0	59.0	5874.2	468.0	-36.0	-47.0	298.5	20.5	18.0	-9.8	294.6	295.0	0.1	30.8	16.3	124.
19.3	60.0	5993.8	460.0	-36.8	-47.8	298.4	20.4	17.9	-9.7	295.1	295.4	0.1	30.6	16.7	124.
19.8	61.0	6099.8	453.0	-37.7	-48.7	298.2	19.9	17.5	-9.4	295.2	295.5	0.1	30.3	17.4	124.
20.1	62.0	6207.0	446.0	-38.6	-49.7	298.1	19.5	17.2	-9.2	295.5	295.8	0.1	29.5	17.7	124.
20.5	63.0	6315.4	439.0	-39.5	99.9	297.6	19.2	17.0	-3.9	295.7	999.9	99.9	999.9	18.1	124.
20.9	64.0	6425.2	432.0	-40.5	99.9	296.2	19.9	17.9	-3.8	295.8	999.9	99.9	999.9	18.6	123.
21.3	65.0	6536.3	425.0	-41.6	99.9	295.0	21.3	19.3	-9.0	295.8	999.9	99.9	999.9	19.0	123.
21.9	66.0	6681.2	416.0	-42.5	99.9	298.7	23.5	21.3	-9.8	296.4	999.9	99.9	999.9	19.9	123.
22.2	67.0	6795.6	409.0	-43.2	99.9	295.1	23.7	21.5	-10.1	296.9	999.9	99.9	999.9	20.3	123.
22.7	68.0	6911.7	402.0	-44.0	99.9	296.4	22.9	20.5	-10.2	297.5	999.9	99.9	999.9	21.1	122.
23.0	69.0	7029.3	395.0	-45.2	99.9	297.3	21.9	19.4	-10.0	297.3	999.9	99.9	999.9	21.5	122.
23.5	70.0	7131.3	389.0	-45.9	99.9	298.5	21.6	19.0	-10.3	297.6	999.9	99.9	999.9	22.0	122.
24.0	71.0	7269.3	381.0	-47.0	99.9	298.2	23.1	20.3	-10.9	298.1	999.9	99.9	999.9	22.6	122.
24.4	72.0	7391.9	374.0	-47.8	99.9	297.6	23.1	20.4	-10.7	298.5	999.9	99.9	999.9	23.4	122.
24.7	73.0	7498.5	368.0	-48.6	99.9	297.4	22.3	19.8	-10.3	298.9	999.9	99.9	999.9	23.8	122.
25.1	74.0	7624.6	361.0	-49.2	99.9	297.2	20.8	18.5	-9.5	299.8	999.9	99.9	999.9	24.2	122.
25.4	75.0	7734.4	355.0	-50.1	99.9	296.8	19.9	17.7	-9.0	300.0	999.9	99.9	999.9	24.6	122.
25.8	76.0	7845.6	349.0	-50.8	99.9	295.5	19.5	17.6	-8.4	300.4	999.9	99.9	999.9	25.1	122.
26.2	77.0	7958.6	343.0	-50.2	99.9	294.2	19.9	18.1	-3.2	302.7	999.9	99.9	999.9	25.5	122.
26.6	78.0	8074.1	337.0	-49.5	99.9	293.9	21.1	19.3	-3.5	305.3	999.9	99.9	999.9	25.9	121.
27.0	79.0	8191.9	331.0	-48.9	99.9	294.8	22.8	20.7	-9.6	307.7	999.9	99.9	999.9	26.5	121.
27.3	80.0	8312.2	325.0	-48.6	99.9	296.0	23.9	21.5	-10.5	309.7	999.9	99.9	999.9	26.9	121.
27.9	81.0	8455.6	318.0	-48.0	99.9	297.4	25.1	22.2	-11.5	312.5	999.9	99.9	999.9	27.8	121.
28.3	82.0	8581.1	312.0	-48.3	99.9	296.6	25.1	22.5	-11.3	313.8	999.9	99.9	999.9	28.4	121.
28.7	83.0	8708.9	306.0	-48.7	99.9	294.8	25.5	23.1	-10.7	314.9	999.9	99.9	999.9	29.0	121.
29.1	84.0	8838.9	300.0	-49.2	99.9	292.4	26.3	24.4	-10.0	316.1	999.9	99.9	999.9	29.6	121.
29.5	85.0	8949.1	295.0	-49.8	99.9	290.2	27.9	26.2	-9.6	316.7	999.9	99.9	999.9	30.2	121.
30.0	86.0	9106.2	288.0	-49.6	99.9	288.1	28.5	27.0	-8.8	319.1	999.9	99.9	999.9	31.1	120.
30.4	87.0	9220.8	283.0	-50.1	99.9	286.2	27.2	26.2	-7.6	320.1	999.9	99.9	999.9	31.9	120.
30.9	88.0	9360.8	277.0	-50.2	99.9	284.1	26.7	25.9	-6.5	321.8	999.9	99.9	999.9	32.5	120.
31.3	89.0	9479.6	272.0	-50.7	99.9	283.4	27.9	27.2	-6.5	322.8	999.9	99.9	999.9	33.1	119.
31.7	90.0	9625.0	266.0	-50.4	99.9	283.1	29.5	28.8	-5.7	325.4	999.9	99.9	999.9	33.8	119.
32.1	91.0	9723.8	262.0	-50.8	99.9	282.9	30.6	29.9	-5.8	326.1	999.9	99.9	999.9	34.6	119.
32.6	92.0	9874.7	256.0	-50.7	99.9	282.1	30.5	29.8	-6.4	328.5	999.9	99.9	999.9	35.4	118.
33.0	93.0	10033.3	251.0	-50.7	99.9	281.6	30.0	29.4	-6.0	330.4	999.9	99.9	999.9	36.3	118.
33.4	94.0	10134.4	246.0	-50.7	99.9	282.5	30.7	30.0	-6.7	332.3	999.9	99.9	999.9	36.7	117.
33.9	95.0	10241.2	242.0	-50.7	99.9	283.7	32.3	31.4	-7.7	333.8	999.9	99.9	999.9	37.6	117.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1821 GMT

154 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.3	96.0	10405.0	236.0	-50.2	99.9	283.4	32.0	31.2	-7.5	336.9	999.9	99.9	999.9	38.6	117.
34.9	97.0	10544.8	231.0	-50.2	99.9	282.2	29.7	29.0	-6.3	339.0	999.9	99.9	999.9	39.7	116.
35.3	98.0	10687.6	226.0	-50.5	99.9	282.9	30.0	29.2	-6.7	340.6	999.9	99.9	999.9	40.2	116.
35.7	99.0	10803.9	222.0	-50.8	99.9	283.9	32.0	31.1	-7.7	341.9	999.9	99.9	999.9	40.8	116.
36.1	100.0	10952.2	217.0	-51.0	99.9	284.4	34.4	33.4	-8.6	343.9	999.9	99.9	999.9	41.7	116.
36.6	101.0	11134.3	211.0	-51.9	99.9	283.0	34.4	33.5	-7.7	345.2	999.9	99.9	999.9	42.9	116.
37.0	102.0	11258.4	207.0	-51.8	99.9	281.1	32.1	31.5	-6.2	347.4	999.9	99.9	999.9	43.7	115.
37.4	103.0	11416.9	202.0	-51.9	99.9	281.0	30.6	30.1	-5.8	349.6	999.9	99.9	999.9	44.3	115.
37.9	104.0	11546.4	198.0	-52.2	99.9	282.1	31.0	30.4	-6.5	351.1	999.9	99.9	999.9	45.1	115.
38.3	105.0	11678.5	194.0	-52.2	99.9	282.4	32.1	31.3	-6.9	353.1	999.9	99.9	999.9	45.9	115.
38.7	106.0	11813.3	190.0	-52.2	99.9	281.7	32.6	31.9	-6.6	355.3	999.9	99.9	999.9	46.7	114.
39.2	107.0	11951.0	186.0	-52.4	99.9	279.7	32.4	31.9	-5.4	357.2	999.9	99.9	999.9	47.7	114.
39.6	108.0	12091.3	182.0	-53.2	99.9	277.5	32.4	32.1	-4.2	358.1	999.9	99.9	999.9	48.4	114.
40.1	109.0	12270.8	177.0	-53.2	99.9	275.1	34.1	33.9	-3.0	361.0	999.9	99.9	999.9	49.2	114.
40.4	110.0	12380.8	174.0	-53.8	99.9	274.7	35.6	35.4	-2.9	361.7	999.9	99.9	999.9	49.9	113.
41.0	111.0	12568.0	169.0	-54.1	99.9	275.4	36.9	36.7	-3.5	364.2	999.9	99.9	999.9	51.1	113.
41.4	112.0	12721.4	165.0	-54.8	99.9	276.3	35.8	35.6	-3.9	365.6	999.9	99.9	999.9	52.1	112.
41.8	113.0	12878.3	161.0	-54.9	99.9	277.6	34.7	34.4	-4.6	367.9	999.9	99.9	999.9	52.8	112.
42.2	114.0	13039.0	157.0	-55.3	99.9	279.0	34.2	33.8	-5.3	370.0	999.9	99.9	999.9	53.6	112.
42.7	115.0	13162.0	154.0	-55.7	99.9	280.2	34.8	34.2	-6.1	371.2	999.9	99.9	999.9	54.6	112.
43.3	116.0	13329.6	150.0	-55.7	99.9	280.4	35.9	35.4	-6.5	374.1	999.9	99.9	999.9	55.8	112.
43.8	117.0	13501.8	146.0	-55.7	99.9	281.1	35.6	34.9	-6.9	377.0	999.9	99.9	999.9	56.9	111.
44.3	118.0	13634.0	143.0	-55.6	99.9	283.3	34.0	33.1	-7.8	379.5	999.9	99.9	999.9	58.1	111.
44.8	119.0	13814.9	139.0	-55.4	99.9	286.4	33.6	32.2	-9.5	382.9	999.9	99.9	999.9	58.9	111.
45.3	120.0	13954.1	136.0	-55.3	99.9	288.5	35.5	33.7	-11.2	385.6	999.9	99.9	999.9	59.9	111.
45.7	121.0	14096.6	133.0	-54.9	99.9	288.4	37.0	35.1	-11.7	388.6	999.9	99.9	999.9	60.8	111.
46.2	122.0	14242.6	130.0	-54.4	99.9	286.3	36.8	35.3	-10.3	392.0	999.9	99.9	999.9	62.0	111.
46.7	123.0	14442.4	126.0	-55.4	99.9	282.2	34.8	34.0	-7.3	393.8	999.9	99.9	999.9	63.1	111.
47.2	124.0	14595.9	123.0	-55.9	99.9	278.2	33.0	32.7	-4.7	395.6	999.9	99.9	999.9	64.0	111.
47.7	125.0	14753.2	120.0	-55.4	99.9	276.4	31.9	31.7	-3.6	399.3	999.9	99.9	999.9	65.0	110.
48.5	126.0	14969.3	116.0	-55.6	99.9	277.6	29.9	29.7	-4.0	402.9	999.9	99.9	999.9	66.6	110.
49.0	127.0	15136.3	113.0	-55.6	99.9	277.5	27.1	26.9	-3.6	405.9	999.9	99.9	999.9	67.3	110.
49.4	128.0	15307.4	110.0	-56.6	99.9	277.2	25.2	25.0	-3.2	407.2	999.9	99.9	999.9	68.0	110.
50.0	129.0	15423.6	108.0	-57.4	99.9	277.2	24.8	24.6	-3.1	407.7	999.9	99.9	999.9	68.6	110.
50.4	130.0	15601.3	105.0	-58.1	99.9	275.8	25.7	25.6	-2.6	409.7	999.9	99.9	999.9	69.3	110.
51.1	131.0	15845.7	101.0	-58.6	99.9	271.3	26.9	26.9	-0.6	413.3	999.9	99.9	999.9	70.4	109.
51.6	132.0	15971.3	99.0	-59.0	99.9	270.6	29.3	29.3	-0.3	415.0	999.9	99.9	999.9	71.1	109.
52.1	133.0	16164.3	96.0	-59.1	99.9	272.5	31.2	31.2	-1.4	418.4	999.9	99.9	999.9	72.0	109.
52.7	134.0	16363.0	93.0	-59.7	99.9	272.5	28.2	28.2	-1.2	421.1	999.9	99.9	999.9	73.3	109.
53.3	135.0	16498.9	91.0	-60.0	99.9	268.7	24.5	24.5	0.5	423.1	999.9	99.9	999.9	74.0	108.
54.0	136.0	16707.8	88.0	-60.7	99.9	271.7	26.9	26.9	-0.8	425.7	999.9	99.9	999.9	74.9	108.
54.7	137.0	16923.7	85.0	-60.5	99.9	279.7	31.1	30.7	-5.2	430.3	999.9	99.9	999.9	76.2	108.
55.3	138.0	17147.9	82.0	-59.8	99.9	280.6	28.9	28.4	-5.3	436.2	999.9	99.9	999.9	77.5	108.
56.1	139.0	17381.8	79.0	-57.9	99.9	273.5	24.1	24.0	-1.5	444.8	999.9	99.9	999.9	78.6	108.
56.9	140.0	17626.3	76.0	-57.2	99.9	267.9	23.9	23.9	0.9	451.2	999.9	99.9	999.9	79.6	108.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
1821 GMT

154 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.5	141.0	17794.7	74.0	-57.8	99.9	270.6	24.5	24.5	-0.3	453.6	999.9	99.9	999.9	80.4	107.
58.3	142.0	18055.9	71.0	-57.6	99.9	279.3	25.8	25.5	-4.2	459.4	999.9	99.9	999.9	81.6	107.
59.0	143.0	18328.4	68.0	-57.8	99.9	281.7	25.9	25.3	-5.2	464.7	999.9	99.9	999.9	82.8	107.
59.7	144.0	18516.4	66.0	-58.6	99.9	281.6	26.0	25.5	-5.2	466.8	999.9	99.9	999.9	83.8	107.
60.3	145.0	18807.7	63.0	-60.2	99.9	280.9	23.7	23.3	-4.5	469.6	999.9	99.9	999.9	84.8	107.
61.1	146.0	19008.0	61.0	-62.2	99.9	277.4	18.9	18.7	-2.4	469.5	999.9	99.9	999.9	85.8	107.
61.8	147.0	19319.2	58.0	-62.8	99.9	271.3	21.8	21.8	-0.5	475.0	999.9	99.9	999.9	86.5	107.
62.5	148.0	19534.8	56.0	-64.1	99.9	266.4	25.6	25.5	1.6	476.8	999.9	99.9	999.9	87.5	107.
63.5	149.0	19871.6	53.0	-64.5	99.9	273.2	22.1	22.1	-1.2	483.4	999.9	99.9	999.9	89.0	106.
64.5	150.0	20109.3	51.0	-59.8	99.9	289.4	23.5	22.1	-7.8	499.7	999.9	99.9	999.9	90.0	106.
65.4	151.0	20488.8	48.0	-59.1	99.9	289.1	19.3	18.3	-6.3	510.1	999.9	99.9	999.9	91.7	106.
66.2	152.0	20754.6	46.0	-60.7	99.9	286.3	11.6	11.1	-3.3	512.5	999.9	99.9	999.9	92.1	106.
67.0	153.0	21030.5	44.0	-61.8	99.9	275.8	5.5	5.5	-0.6	516.4	999.9	99.9	999.9	92.6	106.
67.8	154.0	21317.8	42.0	-62.8	99.9	270.2	11.5	11.5	-0.0	521.0	999.9	99.9	999.9	92.7	106.
68.6	155.0	21617.5	40.0	-64.1	99.9	275.7	20.1	20.0	-2.0	524.9	999.9	99.9	999.9	93.7	106.
69.7	156.0	22094.5	37.0	-64.5	99.9	270.7	17.0	17.0	-0.2	535.8	999.9	99.9	999.9	94.9	106.
70.8	157.0	22435.6	35.0	-62.8	99.9	283.0	23.4	22.8	-5.3	548.8	999.9	99.9	999.9	96.1	106.
71.8	158.0	22797.0	33.0	-64.1	99.9	999.9	99.9	99.9	99.9	554.6	999.9	99.9	999.9	999.9	999.
72.9	159.0	23180.1	31.0	-63.9	99.9	999.9	99.9	99.9	99.9	565.1	999.9	99.9	999.9	999.9	999.

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
2058 GMT

152 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	438.0	970.9	-9.9	-12.5	310.0	6.2	4.7	-4.0	265.7	269.6	1.5	81.0	0.0	0.
0.2	8.0	524.8	960.0	-11.6	-15.8	999.9	99.9	99.9	99.9	264.7	267.8	1.2	71.2	999.9	999.
0.7	9.0	621.0	948.0	-12.9	-16.0	999.9	99.9	99.9	99.9	264.4	267.4	1.2	77.5	999.9	999.
0.9	10.0	718.1	936.0	-13.5	-15.5	999.9	99.9	99.9	99.9	264.8	268.0	1.2	84.5	999.9	999.
1.2	11.0	840.7	921.0	-15.0	-15.5	999.9	99.9	99.9	99.9	264.4	267.7	1.2	96.1	999.9	999.
1.6	12.0	931.5	910.0	-16.0	-16.2	301.8	8.3	7.1	-4.4	264.4	267.5	1.2	98.3	0.7	130.
1.9	13.0	1039.8	897.0	-16.8	-16.9	306.4	9.3	7.5	-5.5	264.6	267.6	1.1	99.5	0.8	127.
2.2	14.0	1132.4	886.0	-17.1	-17.1	314.8	10.3	7.3	-7.3	265.2	268.2	1.1	99.4	1.0	128.
2.7	15.0	1226.4	875.0	-15.8	-16.9	326.2	11.8	6.6	-9.8	267.5	270.5	1.2	91.1	1.4	132.
3.1	16.0	1357.1	860.0	-15.0	-16.3	329.4	12.2	6.2	-10.5	269.7	273.0	1.2	90.1	1.6	135.
3.4	17.0	1445.8	850.0	-13.9	-15.0	328.5	12.1	6.3	-10.3	271.8	275.5	1.4	91.2	1.8	137.
3.8	18.0	1554.0	838.0	-13.1	-14.3	328.3	12.6	6.6	-10.7	273.8	277.8	1.5	90.4	2.1	138.
4.1	19.0	1664.0	826.0	-12.9	-14.1	329.3	13.5	6.9	-11.6	275.0	279.2	1.5	90.4	2.4	139.
4.5	20.0	1766.3	815.0	-13.1	-14.4	332.2	15.1	7.1	-13.4	276.0	280.1	1.5	89.3	2.7	140.
4.9	21.0	1888.9	802.0	-13.2	-14.7	334.6	15.5	6.6	-14.0	277.1	281.2	1.5	88.4	3.1	142.
5.3	22.0	1994.1	791.0	-13.5	-15.1	335.0	14.9	6.3	-13.5	277.9	281.9	1.5	87.4	3.4	143.
5.7	23.0	2090.9	781.0	-13.8	-16.3	330.7	14.7	7.2	-12.8	278.6	282.3	1.4	80.6	3.8	145.
6.1	24.0	2198.9	770.0	-12.8	-14.9	323.1	15.5	9.3	-12.4	280.8	285.1	1.6	83.9	4.1	145.
6.6	25.0	2299.3	760.0	-9.9	-14.7	317.3	17.4	11.8	-12.8	284.9	289.4	1.6	68.0	4.6	144.
7.0	26.0	2432.6	747.0	-9.2	-15.1	315.2	17.6	12.4	-12.5	287.1	291.6	1.6	61.9	5.1	144.
7.3	27.0	2547.4	736.0	-9.3	-16.7	313.2	16.8	12.2	-11.5	288.1	292.2	1.4	55.1	5.4	143.
7.7	28.0	2653.1	726.0	-9.6	-17.1	310.5	15.9	12.1	-10.3	288.9	292.9	1.4	54.2	5.7	142.
8.1	29.0	2770.9	715.0	-10.4	-18.2	308.1	15.5	12.2	-9.6	289.4	293.1	1.3	52.3	6.1	141.
8.4	30.0	2868.4	706.0	-10.8	-19.7	306.6	15.4	12.3	-9.2	290.0	293.3	1.1	47.8	6.4	141.
8.8	31.0	2978.0	696.0	-11.4	-21.4	305.4	15.7	12.8	-9.1	290.5	293.4	1.0	42.9	6.7	140.
9.2	32.0	3088.8	686.0	-12.3	-22.8	305.1	16.2	13.3	-9.3	290.6	293.2	0.9	41.2	7.0	139.
9.6	33.0	3200.8	676.0	-13.3	-23.8	305.1	16.7	13.7	-9.6	290.7	293.2	0.8	40.7	7.4	138.
10.0	34.0	3314.1	666.0	-14.4	-24.6	304.6	16.9	13.9	-9.6	290.7	293.0	0.8	41.5	7.9	138.
10.4	35.0	3428.5	656.0	-15.4	-25.5	302.6	16.8	14.1	-9.0	290.8	293.0	0.7	41.6	8.3	137.
10.9	36.0	3556.0	645.0	-16.4	-26.2	299.2	16.6	14.5	-8.1	291.1	293.3	0.7	42.3	8.7	136.
11.2	37.0	3661.6	636.0	-16.9	-27.5	297.1	16.5	14.7	-7.5	291.7	293.6	0.6	39.3	9.0	136.
11.6	38.0	3780.4	626.0	-17.9	-28.5	294.5	16.3	14.9	-6.8	291.9	293.7	0.6	38.8	9.4	135.
12.0	39.0	3888.6	617.0	-18.6	-28.9	292.6	16.2	14.9	-6.2	292.3	294.1	0.6	39.4	9.8	134.
12.4	40.0	3998.0	608.0	-19.5	-30.1	292.1	16.5	15.3	-6.2	292.5	294.0	0.5	38.2	10.1	133.
13.0	41.0	4133.3	597.0	-20.9	-31.8	292.6	17.9	16.5	-6.9	292.4	293.8	0.4	36.5	10.6	132.
13.4	42.0	4245.3	588.0	-21.9	-33.0	293.1	18.8	17.3	-7.3	292.4	293.7	0.4	35.8	11.1	131.
13.8	43.0	4358.7	579.0	-22.7	-34.7	293.4	19.1	17.6	-7.6	292.8	293.9	0.3	32.5	11.6	130.
14.2	44.0	4473.5	570.0	-23.1	-35.8	293.9	19.3	17.7	-7.8	293.6	294.6	0.3	30.0	12.0	130.
14.6	45.0	4589.9	561.0	-23.8	-36.9	294.7	19.6	17.8	-8.2	294.2	295.1	0.3	28.4	12.4	129.
15.1	46.0	4694.6	553.0	-24.7	-37.9	296.5	20.7	18.5	-9.2	294.3	295.1	0.3	28.1	13.0	129.
15.5	47.0	4800.5	545.0	-25.7	-38.9	298.2	21.6	19.1	-10.2	294.4	295.2	0.2	27.4	13.5	128.
15.9	48.0	4920.9	536.0	-26.7	-39.8	300.0	21.9	19.0	-11.0	294.5	295.2	0.2	27.5	14.1	128.
16.2	49.0	5042.9	527.0	-27.7	-40.7	301.1	21.8	18.7	-11.3	294.8	295.5	0.2	27.5	14.4	128.
16.7	50.0	5152.8	519.0	-28.5	-41.3	302.4	21.3	18.0	-11.4	295.1	295.8	0.2	27.5	15.1	127.
17.1	51.0	5291.9	509.0	-29.7	-42.4	302.7	20.8	17.5	-11.2	295.3	295.9	0.2	27.6	15.6	127.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 3 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
2058 GMT

152 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.6	52.0	5404.7	501.0	-30.5	-43.1	301.6	20.0	17.0	-10.5	295.7	296.3	0.2	27.6	16.2	127.
17.9	53.0	5533.3	492.0	-31.4	-43.9	300.1	19.3	16.7	-9.7	296.1	296.6	0.2	27.6	16.6	127.
18.2	54.0	5649.2	484.0	-32.5	-44.8	298.4	18.5	16.3	-8.8	296.2	296.7	0.1	27.7	16.9	127.
18.7	55.0	5766.4	476.0	-33.4	-45.6	296.5	17.3	15.5	-7.7	296.4	296.9	0.1	27.7	17.5	127.
19.2	56.0	5900.3	467.0	-34.3	-46.5	298.9	17.1	15.0	-8.3	296.9	297.3	0.1	27.7	17.9	126.
19.6	57.0	6020.9	459.0	-35.3	-47.3	303.1	18.1	15.2	-9.9	297.2	297.6	0.1	27.8	18.3	126.
20.0	58.0	6143.1	451.0	-36.6	-48.5	306.8	19.8	15.9	-11.9	297.0	297.3	0.1	27.8	18.8	126.
20.3	59.0	6251.3	444.0	-37.2	-48.9	308.2	21.1	16.6	-13.1	297.6	297.9	0.1	27.8	19.1	126.
20.7	60.0	6376.8	436.0	-37.9	-49.5	309.9	22.4	17.2	-14.4	298.3	298.6	0.1	27.9	19.6	126.
21.1	61.0	6488.4	429.0	-37.7	-49.0	311.6	23.1	17.3	-15.3	299.9	300.2	0.1	29.1	20.2	126.
21.4	62.0	6601.8	422.0	-37.9	-48.8	312.9	23.1	16.9	-15.7	301.1	301.5	0.1	30.3	20.7	126.
21.9	63.0	6733.6	414.0	-38.5	-49.4	313.8	23.7	17.1	-16.4	301.9	302.2	0.1	30.3	21.3	127.
22.2	64.0	6850.6	407.0	-39.1	-49.7	313.7	24.4	17.7	-16.9	302.6	303.0	0.1	30.9	21.7	127.
22.7	65.0	6969.2	400.0	-40.3	99.9	313.9	25.0	18.0	-17.3	302.6	999.9	99.9	999.9	22.5	127.
23.2	66.0	7124.0	391.0	-41.6	99.9	315.8	24.0	16.7	-17.2	302.9	999.9	99.9	999.9	23.3	127.
23.7	67.0	7246.3	384.0	-42.3	99.9	319.0	22.9	15.0	-17.3	303.6	999.9	99.9	999.9	23.9	127.
24.2	68.0	7370.6	377.0	-42.7	99.9	320.9	23.3	14.7	-18.1	304.6	999.9	99.9	999.9	24.6	128.
24.7	69.0	7478.7	371.0	-43.6	99.9	320.7	24.8	15.7	-19.2	304.9	999.9	99.9	999.9	25.3	128.
25.1	70.0	7606.7	364.0	-44.1	99.9	319.6	25.9	16.8	-19.7	305.8	999.9	99.9	999.9	25.8	129.
25.7	71.0	7755.5	356.0	-44.9	99.9	317.5	26.6	18.0	-19.6	306.8	999.9	99.9	999.9	26.9	129.
26.1	72.0	7869.0	350.0	-45.6	99.9	316.2	26.6	18.4	-19.2	307.3	999.9	99.9	999.9	27.5	129.
26.6	73.0	8003.4	343.0	-46.5	99.9	314.9	26.8	19.0	-18.9	307.9	999.9	99.9	999.9	28.2	129.
27.1	74.0	8120.4	337.0	-46.9	99.9	313.8	27.5	19.9	-19.0	308.8	999.9	99.9	999.9	29.1	129.
27.6	75.0	8239.3	331.0	-47.8	99.9	312.3	28.2	20.8	-19.0	309.2	999.9	99.9	999.9	29.9	130.
28.0	76.0	8359.8	325.0	-48.7	99.9	310.6	28.6	21.7	-18.6	309.6	999.9	99.9	999.9	30.5	130.
28.4	77.0	8482.3	319.0	-48.7	99.9	308.2	28.9	22.7	-17.6	311.2	999.9	99.9	999.9	31.3	130.
28.9	78.0	8606.9	313.0	-49.3	99.9	305.2	29.3	23.9	-16.9	312.1	999.9	99.9	999.9	32.1	130.
29.4	79.0	8733.7	307.0	-49.8	99.9	302.9	29.9	25.1	-16.2	313.2	999.9	99.9	999.9	33.0	129.
29.8	80.0	8862.7	301.0	-50.5	99.9	301.7	30.5	25.9	-16.0	313.9	999.9	99.9	999.9	33.8	129.
30.3	81.0	9015.8	294.0	-51.5	99.9	300.5	31.5	27.1	-16.0	314.6	999.9	99.9	999.9	34.6	129.
30.8	82.0	9149.4	288.0	-52.4	99.9	299.0	31.9	27.9	-15.4	315.2	999.9	99.9	999.9	35.6	129.
31.2	83.0	9285.7	282.0	-51.8	99.9	296.4	31.1	27.8	-13.8	318.0	999.9	99.9	999.9	36.4	129.
31.7	84.0	9425.3	276.0	-51.3	99.9	290.7	29.2	27.3	-10.3	320.6	999.9	99.9	999.9	37.3	128.
32.1	85.0	9544.1	271.0	-51.3	99.9	285.0	28.5	27.5	-7.4	322.3	999.9	99.9	999.9	38.0	128.
32.7	86.0	9689.3	265.0	-52.1	99.9	279.3	30.9	30.5	-5.0	323.2	999.9	99.9	999.9	38.7	127.
33.1	87.0	9837.5	259.0	-52.4	99.9	277.7	33.3	33.0	-4.5	324.9	999.9	99.9	999.9	39.5	127.
33.6	88.0	9963.5	254.0	-52.6	99.9	277.7	35.9	35.6	-4.8	326.4	999.9	99.9	999.9	40.4	126.
34.0	89.0	10091.8	249.0	-53.4	99.9	279.2	37.7	37.2	-6.0	327.1	999.9	99.9	999.9	41.2	125.
34.4	90.0	10222.1	244.0	-54.2	99.9	281.5	39.3	38.6	-7.9	327.8	999.9	99.9	999.9	41.9	125.
34.9	91.0	10354.8	239.0	-54.5	99.9	282.7	39.8	38.8	-8.8	329.3	999.9	99.9	999.9	43.2	124.
35.2	92.0	10490.3	234.0	-54.2	99.9	282.3	38.7	37.8	-8.2	331.8	999.9	99.9	999.9	43.9	124.
35.7	93.0	10629.1	229.0	-53.4	99.9	281.6	36.3	35.6	-7.3	335.0	999.9	99.9	999.9	45.0	123.
36.2	94.0	10771.2	224.0	-53.4	99.9	284.0	36.7	35.6	-8.9	337.2	999.9	99.9	999.9	45.8	123.
36.6	95.0	10887.2	220.0	-53.5	99.9	287.5	39.5	37.6	-11.9	338.7	999.9	99.9	999.9	46.5	122.
37.1	96.0	11065.3	214.0	-52.9	99.9	289.7	41.9	39.5	-14.1	342.4	999.9	99.9	999.9	48.0	122.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
2058 GMT

152 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.6	97.0	11218.2	209.0	-51.9	99.9	287.7	38.6	36.7	-11.7	346.2	999.9	99.9	999.9	49.4	122.
38.1	98.0	11343.5	205.0	-51.6	99.9	283.6	33.4	32.5	-7.9	348.6	999.9	99.9	999.9	50.3	121.
38.7	99.0	11504.1	200.0	-50.7	99.9	280.2	32.1	31.6	-5.7	352.5	999.9	99.9	999.9	51.2	121.
39.2	100.0	11635.8	196.0	-50.2	99.9	278.3	33.1	32.7	-4.8	355.3	999.9	99.9	999.9	52.2	121.
39.8	101.0	11804.1	191.0	-51.5	99.9	277.0	35.0	34.7	-4.3	356.0	999.9	99.9	999.9	53.2	120.
40.3	102.0	11941.3	187.0	-52.2	99.9	277.8	37.9	37.5	-5.1	356.8	999.9	99.9	999.9	54.2	120.
40.8	103.0	12116.6	182.0	-52.4	99.9	278.9	39.8	39.4	-6.2	359.4	999.9	99.9	999.9	55.4	119.
41.2	104.0	12260.1	178.0	-53.0	99.9	279.3	39.4	38.9	-6.4	360.6	999.9	99.9	999.9	56.3	119.
41.8	105.0	12369.6	175.0	-53.5	99.9	278.6	36.9	36.5	-5.5	361.6	999.9	99.9	999.9	57.7	118.
42.2	106.0	12518.3	171.0	-53.7	99.9	277.7	35.7	35.4	-4.8	363.7	999.9	99.9	999.9	58.4	118.
42.7	107.0	12670.1	167.0	-54.5	99.9	276.6	34.3	34.0	-4.0	364.8	999.9	99.9	999.9	59.4	118.
43.2	108.0	12825.3	163.0	-54.7	99.9	276.4	32.4	32.2	-3.6	367.1	999.9	99.9	999.9	60.4	117.
43.7	109.0	12984.3	159.0	-54.8	99.9	277.9	32.1	31.8	-4.4	369.4	999.9	99.9	999.9	61.2	117.
44.3	110.0	13147.2	155.0	-54.8	99.9	282.1	35.4	34.6	-7.4	372.1	999.9	99.9	999.9	62.3	117.
45.0	111.0	13314.7	151.0	-54.0	99.9	285.5	40.3	38.8	-10.8	376.3	999.9	99.9	999.9	63.9	117.
45.6	112.0	13486.9	147.0	-54.5	99.9	285.5	41.9	40.4	-11.2	378.4	999.9	99.9	999.9	65.4	116.
46.1	113.0	13618.9	144.0	-54.5	99.9	284.5	40.7	39.4	-10.2	380.6	999.9	99.9	999.9	66.6	116.
46.6	114.0	13799.3	140.0	-54.5	99.9	283.3	37.3	36.3	-8.6	383.7	999.9	99.9	999.9	67.9	116.
47.2	115.0	13938.0	137.0	-54.8	99.9	281.0	33.1	32.5	-6.3	385.5	999.9	99.9	999.9	69.0	116.
47.8	116.0	14127.2	133.0	-55.5	99.9	275.4	29.8	29.7	-2.8	387.6	999.9	99.9	999.9	70.2	115.
48.4	117.0	14272.3	130.0	-56.3	99.9	270.4	28.9	28.8	-0.2	388.6	999.9	99.9	999.9	71.0	115.
48.9	118.0	14420.4	127.0	-57.0	99.9	269.2	28.8	28.8	0.4	390.0	999.9	99.9	999.9	71.8	115.
49.3	119.0	14623.1	123.0	-56.8	99.9	267.3	26.5	26.5	1.2	393.9	999.9	99.9	999.9	72.5	114.
50.0	120.0	14779.5	120.0	-57.0	99.9	262.0	20.3	20.1	2.8	396.4	999.9	99.9	999.9	73.5	114.
50.6	121.0	14939.5	117.0	-57.5	99.9	268.0	23.3	23.3	0.8	398.3	999.9	99.9	999.9	73.6	114.
51.1	122.0	15103.6	114.0	-57.5	99.9	273.5	29.8	29.8	-1.8	401.3	999.9	99.9	999.9	74.5	114.
51.8	123.0	15272.1	111.0	-57.4	99.9	276.4	34.0	33.7	-3.8	404.7	999.9	99.9	999.9	75.9	113.
52.4	124.0	15445.4	108.0	-57.0	99.9	277.4	34.5	34.2	-4.5	408.5	999.9	99.9	999.9	77.3	113.
53.0	125.0	15563.8	106.0	-56.8	99.9	277.9	35.8	35.5	-4.9	411.0	999.9	99.9	999.9	78.1	113.
53.7	126.0	15807.5	102.0	-56.8	99.9	277.1	34.8	34.6	-4.3	415.6	999.9	99.9	999.9	80.0	112.
54.3	127.0	15996.7	99.0	-56.8	99.9	277.3	34.3	34.0	-4.3	419.1	999.9	99.9	999.9	80.9	112.
54.9	128.0	16125.9	97.0	-57.2	99.9	279.3	34.5	34.0	-5.6	420.9	999.9	99.9	999.9	82.3	112.
55.4	129.0	16324.3	94.0	-57.9	99.9	278.9	29.7	29.3	-4.6	423.3	999.9	99.9	999.9	83.3	112.
56.0	130.0	16528.6	91.0	-58.4	99.9	273.2	20.8	20.7	-1.2	426.2	999.9	99.9	999.9	84.4	112.
56.7	131.0	16738.9	88.0	-59.5	99.9	273.8	20.3	20.3	-1.3	428.2	999.9	99.9	999.9	84.7	111.
57.2	132.0	16882.6	86.0	-60.0	99.9	278.8	25.0	24.7	-3.8	429.9	999.9	99.9	999.9	85.4	111.
57.9	133.0	17104.1	83.0	-60.4	99.9	283.1	31.3	30.5	-7.1	433.6	999.9	99.9	999.9	86.5	111.
58.5	134.0	17256.3	81.0	-59.8	99.9	284.6	30.5	29.5	-7.7	437.7	999.9	99.9	999.9	88.1	111.
59.1	135.0	17412.7	79.0	-59.5	99.9	281.6	22.4	21.9	-4.5	441.6	999.9	99.9	999.9	88.9	111.
59.9	136.0	17655.2	76.0	-59.1	99.9	275.2	18.7	18.6	-1.7	447.3	999.9	99.9	999.9	89.4	111.
60.7	137.0	17907.4	73.0	-59.7	99.9	277.0	27.3	27.0	-3.3	451.3	999.9	99.9	999.9	90.6	111.
61.3	138.0	18169.3	70.0	-60.4	99.9	275.7	27.3	27.2	-2.7	455.2	999.9	99.9	999.9	91.8	111.
62.1	139.0	18442.0	67.0	-60.9	99.9	270.7	17.9	17.9	-0.2	459.8	999.9	99.9	999.9	93.0	110.
62.9	140.0	18630.1	65.0	-61.7	99.9	276.3	19.8	19.7	-2.2	462.2	999.9	99.9	999.9	93.3	110.
63.7	141.0	18922.9	62.0	-61.5	99.9	280.6	20.4	20.1	-3.8	468.9	999.9	99.9	999.9	94.7	110.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
2058 GMT

152 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.4	142.0	19126.3	60.0	-61.3	99.9	278.5	19.0	18.8	-2.8	473.7	999.9	99.9	999.9	95.1	110.
65.2	143.0	19444.0	57.0	-62.0	99.9	272.8	24.5	24.5	-1.2	479.0	999.9	99.9	999.9	96.3	110.
66.1	144.0	19664.9	55.0	-62.0	99.9	270.7	28.5	28.5	-0.4	483.9	999.9	99.9	999.9	97.6	110.
66.9	145.0	20010.9	52.0	-63.0	99.9	271.5	28.2	28.2	-0.7	489.5	999.9	99.9	999.9	99.1	109.
67.8	146.0	20254.2	50.0	-59.8	99.9	279.0	23.6	23.3	-3.7	502.5	999.9	99.9	999.9	100.3	109.
68.8	147.0	20510.1	48.0	-58.4	99.9	284.1	24.6	23.9	-6.0	511.8	999.9	99.9	999.9	101.7	109.
69.7	148.0	20915.1	45.0	-59.5	99.9	283.0	18.6	18.1	-4.2	518.8	999.9	99.9	999.9	103.1	109.
70.7	149.0	21198.5	43.0	-61.1	99.9	282.6	14.4	14.1	-3.2	521.5	999.9	99.9	999.9	104.0	109.
71.7	150.0	21492.7	41.0	-63.4	99.9	276.6	9.8	9.7	-1.1	523.0	999.9	99.9	999.9	104.6	109.
72.6	151.0	21958.3	38.0	-64.6	99.9	249.2	9.4	8.8	3.3	531.4	999.9	99.9	999.9	104.8	109.
73.7	152.0	22288.5	36.0	-64.8	99.9	265.6	13.5	13.4	1.0	539.2	999.9	99.9	999.9	105.6	109.
74.8	153.0	22638.3	34.0	-63.6	99.9	280.9	29.8	29.3	-5.7	551.2	999.9	99.9	999.9	106.9	108.
76.0	154.0	23206.7	31.0	-62.6	99.9	271.6	22.2	22.2	-0.6	568.6	999.9	99.9	999.9	108.9	108.
77.3	155.0	23618.9	29.0	-61.7	99.9	267.8	24.6	24.6	1.0	582.2	999.9	99.9	999.9	110.7	108.
78.8	156.0	24062.7	27.0	-60.6	99.9	252.7	15.9	15.1	4.7	597.3	999.9	99.9	999.9	112.8	108.
80.2	157.0	24541.1	25.0	-61.3	99.9	999.9	99.9	99.9	99.9	608.5	999.9	99.9	999.9	999.9	999.
81.9	158.0	25057.1	23.0	-62.4	99.9	999.9	99.9	99.9	99.9	619.8	999.9	99.9	999.9	999.9	999.

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
2315 GMT

156 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	438.0	970.5	-9.5	-13.1	300.0	6.2	5.4	-3.1	266.1	269.8	1.4	75.0	0.0	0.
0.1	7.0	457.9	968.0	-9.2	-12.7	294.9	9.7	8.8	-4.1	266.6	270.5	1.5	75.7	0.2	125.
0.3	8.0	554.2	956.0	-10.6	-14.0	294.9	9.7	8.8	-4.1	266.1	269.6	1.4	76.1	0.2	125.
0.7	9.0	651.3	944.0	-11.5	-14.6	296.4	9.5	8.5	-4.2	266.2	269.6	1.3	77.8	0.3	121.
1.0	10.0	741.0	933.0	-12.6	-15.2	298.9	9.3	8.1	-4.5	265.9	269.2	1.3	81.2	0.5	119.
1.5	11.0	864.5	918.0	-13.5	-15.2	308.7	8.9	7.0	-5.6	266.3	269.6	1.3	86.8	0.8	121.
1.8	12.0	956.1	907.0	-14.6	-15.7	312.9	9.1	6.7	-6.2	266.0	269.3	1.2	91.5	0.9	123.
2.2	13.0	1048.4	896.0	-15.6	-16.1	317.8	9.5	6.4	-7.1	266.0	269.1	1.2	95.6	1.1	125.
2.5	14.0	1150.0	884.0	-16.7	-16.7	321.0	9.9	6.3	-7.7	265.8	268.9	1.2	101.2	1.3	127.
2.8	15.0	1244.3	873.0	-16.1	-17.1	325.6	10.4	5.9	-8.6	267.4	270.4	1.1	92.1	1.5	129.
3.3	16.0	1357.9	860.0	-13.3	-15.2	330.5	11.5	5.6	-10.0	271.4	275.1	1.4	85.9	1.8	133.
3.7	17.0	1456.0	849.0	-13.1	-15.7	328.8	13.0	6.8	-11.1	272.7	276.3	1.3	80.5	2.1	135.
4.0	18.0	1546.3	839.0	-13.1	-15.3	325.1	14.7	8.4	-12.0	273.7	277.4	1.4	83.2	2.3	137.
4.3	19.0	1656.4	827.0	-12.2	-15.2	321.9	14.6	9.0	-11.5	275.7	279.5	1.4	78.3	2.6	137.
4.8	20.0	1749.5	817.0	-12.1	-15.3	319.9	13.9	8.9	-10.6	276.8	280.7	1.4	76.4	3.0	138.
5.2	21.0	1862.7	805.0	-11.9	-15.4	320.9	14.4	9.1	-11.2	278.1	282.0	1.4	74.9	3.3	138.
5.6	22.0	1968.2	794.0	-11.6	-15.3	322.1	16.1	9.9	-12.7	279.5	283.5	1.5	73.9	3.7	138.
5.9	23.0	2065.4	784.0	-11.1	-15.2	322.4	16.9	10.3	-13.4	281.2	285.3	1.5	71.1	4.0	138.
6.2	24.0	2174.1	773.0	-10.8	-15.3	320.5	17.7	11.3	-13.6	282.6	286.8	1.5	69.1	4.3	139.
6.6	25.0	2264.2	764.0	-10.6	-15.8	316.6	18.7	12.9	-13.6	283.7	287.8	1.5	65.9	4.8	139.
7.1	26.0	2396.3	751.0	-10.5	-17.6	311.8	19.7	14.7	-13.1	285.2	288.9	1.3	55.7	5.3	138.
7.4	27.0	2499.5	741.0	-10.8	-17.5	308.8	19.0	14.8	-11.9	286.0	289.7	1.3	57.4	5.7	138.
7.9	28.0	2593.3	732.0	-11.4	-18.5	306.1	18.9	15.3	-11.1	286.4	289.8	1.2	55.1	6.2	136.
8.2	29.0	2688.2	723.0	-11.5	-19.0	304.9	19.2	15.8	-11.0	287.2	290.6	1.2	53.6	6.5	136.
8.5	30.0	2795.0	713.0	-11.6	-21.0	303.7	19.6	16.3	-10.9	288.2	291.1	1.0	45.7	6.9	136.
8.8	31.0	2892.4	704.0	-11.6	-25.4	301.8	20.0	17.0	-10.5	289.2	291.3	0.7	30.7	7.3	135.
9.2	32.0	3001.9	694.0	-12.2	-22.4	299.5	20.3	17.6	-10.0	289.8	292.5	0.9	42.0	7.7	134.
9.6	33.0	3101.5	685.0	-13.3	-23.5	297.6	20.3	18.0	-9.4	289.6	292.1	0.8	42.0	8.2	133.
9.9	34.0	3202.1	676.0	-14.0	-24.5	296.6	20.0	17.8	-8.9	289.9	292.2	0.8	40.7	8.6	132.
10.2	35.0	3303.8	667.0	-14.5	-24.9	295.5	19.4	17.5	-8.3	290.5	292.8	0.8	40.7	8.9	132.
10.6	36.0	3429.6	656.0	-15.3	-25.6	294.1	18.7	17.1	-7.6	291.0	293.2	0.7	40.6	9.4	131.
11.1	37.0	3522.2	648.0	-16.3	-26.7	293.6	19.0	17.4	-7.6	290.9	292.9	0.7	39.9	9.8	130.
11.5	38.0	3639.2	638.0	-16.4	-28.0	294.3	20.0	18.2	-8.2	292.0	293.9	0.6	35.8	10.2	129.
11.8	39.0	3745.9	629.0	-17.2	-29.1	295.1	20.1	18.2	-8.5	292.3	293.9	0.5	34.4	10.7	129.
12.1	40.0	3841.8	621.0	-18.0	-30.1	296.0	20.0	17.9	-8.7	292.4	293.9	0.5	33.5	11.1	128.
12.6	41.0	3975.1	610.0	-18.8	-31.2	297.9	19.1	16.9	-9.0	293.0	294.4	0.5	32.3	11.6	128.
13.0	42.0	4073.4	602.0	-19.2	-32.1	300.0	19.1	16.5	-9.5	293.6	294.9	0.4	30.8	12.0	127.
13.4	43.0	4172.8	594.0	-19.9	-32.8	301.7	19.7	16.8	-10.4	293.9	295.2	0.4	30.4	12.5	127.
13.7	44.0	4286.0	585.0	-20.2	-32.3	302.9	20.0	16.8	-10.9	294.9	296.3	0.4	32.9	12.9	127.
14.1	45.0	4388.0	577.0	-20.6	-31.7	304.4	20.2	16.6	-11.4	295.6	297.1	0.5	36.0	13.4	127.
14.5	46.0	4491.2	569.0	-21.1	-31.3	305.9	20.3	16.4	-11.9	296.2	297.7	0.5	39.2	13.8	127.
14.9	47.0	4608.7	560.0	-22.3	-32.4	306.6	20.8	16.7	-12.4	296.1	297.5	0.4	39.2	14.3	127.
15.2	48.0	4714.3	552.0	-23.0	-33.0	306.7	21.1	16.9	-12.6	296.5	297.9	0.4	39.1	14.7	127.
15.6	49.0	4821.0	544.0	-24.1	-33.9	306.7	21.3	17.0	-12.7	296.5	297.7	0.4	39.3	15.2	127.
16.1	50.0	4928.9	536.0	-25.0	-34.8	307.0	21.0	16.8	-12.6	296.6	297.8	0.4	39.0	15.8	127.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
2315 GMT

156 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.6	51.0	5055.7	526.0	-25.5	-35.3	307.7	20.8	16.5	-12.7	297.6	298.7	0.4	39.0	16.5	127.
17.0	52.0	5148.9	520.0	-26.0	-35.8	308.6	21.1	16.5	-13.1	297.9	299.0	0.3	39.0	16.9	127.
17.3	53.0	5275.1	511.0	-26.8	-36.4	309.4	21.7	16.8	-13.8	298.5	299.5	0.3	39.4	17.3	127.
17.7	54.0	5374.4	504.0	-27.6	-37.1	309.9	22.9	17.5	-14.7	298.7	299.7	0.3	39.5	17.9	127.
18.1	55.0	5489.5	496.0	-27.7	-37.4	309.8	24.3	18.7	-15.6	299.9	300.9	0.3	38.7	18.4	127.
18.6	56.0	5621.0	487.0	-28.4	-38.5	309.1	26.1	20.3	-16.5	300.7	301.6	0.3	36.7	19.2	127.
19.0	57.0	5724.6	480.0	-29.4	-39.5	309.2	26.8	20.8	-17.0	300.6	301.5	0.3	36.7	19.9	127.
19.4	58.0	5844.4	472.0	-30.2	-40.3	310.5	26.2	19.9	-17.0	301.1	301.9	0.2	36.4	20.5	127.
19.8	59.0	5935.3	466.0	-30.9	-41.3	311.9	25.3	18.8	-16.9	301.4	302.1	0.2	35.0	21.1	127.
20.1	60.0	6058.0	458.0	-31.5	-41.7	312.8	24.8	18.2	-16.9	302.0	302.7	0.2	35.4	21.6	127.
20.5	61.0	6166.8	451.0	-32.7	-42.6	313.6	24.5	17.7	-16.9	301.9	302.5	0.2	36.1	22.1	128.
20.9	62.0	6276.7	444.0	-33.8	-43.6	313.9	24.4	17.6	-16.9	301.9	302.5	0.2	36.1	22.7	128.
21.2	63.0	6387.9	437.0	-34.8	-44.5	314.0	24.2	17.4	-16.8	301.9	302.5	0.2	36.1	23.2	128.
21.6	64.0	6484.3	431.0	-35.2	-44.9	313.8	23.9	17.3	-16.6	302.6	303.2	0.2	36.0	23.7	128.
22.0	65.0	6598.2	424.0	-36.2	-45.8	313.2	23.5	17.2	-16.1	302.9	303.4	0.1	36.0	24.3	128.
22.5	66.0	6730.1	416.0	-37.5	-46.6	312.0	23.0	17.1	-15.4	302.8	303.3	0.1	37.4	25.0	128.
22.9	67.0	6846.9	409.0	-38.7	-47.7	311.1	23.4	17.6	-15.4	302.7	303.1	0.1	37.4	25.6	128.
23.5	68.0	6948.2	403.0	-39.6	-48.6	310.3	26.2	20.0	-17.0	302.8	303.2	0.1	37.4	26.2	128.
23.7	69.0	7067.9	396.0	-40.3	99.9	310.1	27.6	21.1	-17.8	303.5	999.9	99.9	999.9	26.6	128.
24.1	70.0	7171.8	390.0	-41.4	99.9	309.9	29.9	22.9	-19.1	303.4	999.9	99.9	999.9	27.4	129.
24.6	71.0	7312.2	382.0	-42.5	99.9	309.3	30.8	23.8	-19.5	303.7	999.9	99.9	999.9	28.4	129.
25.1	72.0	7418.9	376.0	-43.6	99.9	308.2	30.4	23.9	-18.8	303.7	999.9	99.9	999.9	29.3	129.
25.4	73.0	7526.9	370.0	-44.0	99.9	307.3	30.4	24.2	-18.4	304.5	999.9	99.9	999.9	29.8	129.
25.9	74.0	7636.4	364.0	-45.0	99.9	306.6	31.5	25.3	-18.8	304.6	999.9	99.9	999.9	30.7	129.
26.3	75.0	7747.3	358.0	-45.7	99.9	306.8	32.9	26.3	-19.7	305.1	999.9	99.9	999.9	31.4	128.
26.7	76.0	7859.7	352.0	-46.7	99.9	307.3	34.0	27.0	-20.6	305.3	999.9	99.9	999.9	32.3	128.
27.2	77.0	7973.4	346.0	-47.7	99.9	307.9	34.5	27.2	-21.2	305.4	999.9	99.9	999.9	33.4	128.
27.6	78.0	8088.7	340.0	-48.6	99.9	307.9	34.9	27.5	-21.4	305.8	999.9	99.9	999.9	34.1	128.
28.1	79.0	8186.0	335.0	-49.5	99.9	306.9	36.1	28.9	-21.7	305.9	999.9	99.9	999.9	35.2	128.
28.4	80.0	8304.3	329.0	-49.7	99.9	305.9	37.2	30.1	-21.9	307.0	999.9	99.9	999.9	36.0	128.
29.1	81.0	8445.0	322.0	-50.0	99.9	304.3	39.2	32.4	-22.1	308.5	999.9	99.9	999.9	37.4	128.
29.4	82.0	8567.9	316.0	-50.0	99.9	303.7	38.8	32.3	-21.6	310.2	999.9	99.9	999.9	38.4	128.
29.9	83.0	8672.0	311.0	-50.8	99.9	301.4	37.8	32.3	-19.7	310.6	999.9	99.9	999.9	39.4	128.
30.4	84.0	8798.9	305.0	-50.5	99.9	297.4	39.7	35.2	-18.3	312.7	999.9	99.9	999.9	40.3	128.
30.8	85.0	8906.8	300.0	-50.2	99.9	293.9	42.0	38.4	-17.0	314.6	999.9	99.9	999.9	41.4	128.
31.2	86.0	9038.7	294.0	-50.5	99.9	290.5	42.2	39.5	-14.8	316.0	999.9	99.9	999.9	42.5	127.
31.7	87.0	9172.9	288.0	-51.1	99.9	286.7	39.3	37.7	-11.3	317.0	999.9	99.9	999.9	43.8	127.
32.2	88.0	9286.7	283.0	-51.8	99.9	285.8	38.3	36.9	-10.4	317.5	999.9	99.9	999.9	44.6	126.
32.7	89.0	9402.1	278.0	-52.3	99.9	287.6	42.8	40.8	-12.9	318.5	999.9	99.9	999.9	45.6	126.
33.1	90.0	9519.5	273.0	-52.3	99.9	288.7	47.2	44.8	-15.1	320.2	999.9	99.9	999.9	46.8	125.
33.6	91.0	9639.1	268.0	-52.3	99.9	287.9	47.2	44.9	-14.5	321.9	999.9	99.9	999.9	48.3	125.
34.0	92.0	9761.1	263.0	-51.7	99.9	284.8	42.4	41.0	-10.8	324.5	999.9	99.9	999.9	49.7	124.
34.4	93.0	9885.5	258.0	-51.8	99.9	280.1	38.6	38.0	-6.8	326.1	999.9	99.9	999.9	50.3	124.
34.9	94.0	10012.2	253.0	-52.6	99.9	279.3	41.1*	40.6	-6.6	326.7	999.9	99.9	999.9	51.0	123.
35.3	95.0	10141.0	248.0	-53.1	99.9	282.6	46.9*	45.8	-10.2	327.9	999.9	99.9	999.9	51.9	123.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
2315 GMT

156 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.9	96.0	10272.1	243.0	-53.5	99.9	286.7	50.5*	48.4	-4.5	329.1	999.9	99.9	999.9	54.1	122.
36.3	97.0	10405.7	238.0	-54.0	99.9	286.8	44.8*	42.9	-2.9	330.4	999.9	99.9	999.9	55.4	122.
36.8	98.0	10541.8	233.0	-54.8	99.9	284.1	35.8*	34.7	-8.7	331.2	999.9	99.9	999.9	56.3	122.
37.2	99.0	10652.4	229.0	-55.4	99.9	281.3	32.4*	31.7	-6.3	331.9	999.9	99.9	999.9	57.0	121.
37.7	100.0	10793.9	224.0	-53.2	99.9	280.7	35.3*	34.7	-6.5	337.4	999.9	99.9	999.9	57.7	121.
38.2	101.0	10939.7	219.0	-51.8	99.9	282.7	42.5*	41.5	-9.3	341.7	999.9	99.9	999.9	58.7	121.
38.8	102.0	11089.8	214.0	-50.8	99.9	284.2	48.1*	46.6	-11.8	345.6	999.9	99.9	999.9	60.7	120.
39.2	103.0	11212.9	210.0	-50.2	99.9	284.0	49.1*	47.7	-11.9	348.4	999.9	99.9	999.9	61.8	120.
39.7	104.0	11338.4	206.0	-50.2	99.9	283.0	49.1*	47.9	-11.1	350.3	999.9	99.9	999.9	63.0	120.
40.0	105.0	11498.6	201.0	-50.9	99.9	282.3	48.6*	47.5	-10.4	351.6	999.9	99.9	999.9	64.0	119.
40.4	106.0	11629.2	197.0	-51.8	99.9	281.2	43.1*	42.3	-8.4	352.2	999.9	99.9	999.9	65.3	119.
40.8	107.0	11761.9	193.0	-52.9	99.9	280.0	36.3*	35.7	-6.3	352.6	999.9	99.9	999.9	66.1	119.
41.4	108.0	11896.8	189.0	-53.4	99.9	280.2	31.0*	30.6	-5.5	353.9	999.9	99.9	999.9	67.0	118.
41.9	109.0	12034.8	185.0	-52.6	99.9	283.4	34.8*	33.8	-8.1	357.4	999.9	99.9	999.9	67.7	118.
42.5	110.0	12176.3	181.0	-51.7	99.9	284.9	40.5*	39.1	-10.4	361.1	999.9	99.9	999.9	69.2	118.
43.2	111.0	12357.8	176.0	-52.2	99.9	281.7	41.7*	40.9	-8.4	363.2	999.9	99.9	999.9	71.0	118.
43.8	112.0	12506.3	172.0	-52.9	99.9	281.6	44.8*	43.8	-9.0	364.4	999.9	99.9	999.9	72.3	117.
44.3	113.0	12619.8	169.0	-53.1	99.9	283.6	46.4*	45.1	-10.9	365.9	999.9	99.9	999.9	73.7	117.
44.9	114.0	12773.9	165.0	-53.9	99.9	285.2	43.0*	41.5	-11.3	367.2	999.9	99.9	999.9	75.6	117.
45.5	115.0	12931.7	161.0	-53.5	99.9	285.6	35.5*	34.2	-9.6	370.3	999.9	99.9	999.9	76.7	116.
46.2	116.0	13093.4	157.0	-53.9	99.9	285.9	30.4*	29.2	-8.3	372.4	999.9	99.9	999.9	78.2	116.
46.8	117.0	13259.0	153.0	-54.3	99.9	285.4	31.7*	30.6	-8.4	374.4	999.9	99.9	999.9	79.1	116.
47.3	118.0	13385.8	150.0	-54.8	99.9	283.9	32.1*	31.1	-7.7	375.7	999.9	99.9	999.9	80.2	116.
47.9	119.0	13558.6	146.0	-55.1	99.9	280.9	29.8*	29.3	-5.6	378.0	999.9	99.9	999.9	81.2	116.
48.5	120.0	13735.6	142.0	-55.9	99.9	276.5	27.9*	27.7	-3.2	379.7	999.9	99.9	999.9	82.3	116.
49.1	121.0	13871.9	139.0	-54.8	99.9	273.1	29.4*	29.3	-1.6	384.0	999.9	99.9	999.9	83.1	115.
49.6	122.0	14011.4	136.0	-54.8	99.9	274.5	33.9*	33.8	-2.6	386.4	999.9	99.9	999.9	83.9	115.
50.2	123.0	14153.7	133.0	-56.1	99.9	279.3	38.9*	38.4	-6.3	386.5	999.9	99.9	999.9	85.2	115.
50.8	124.0	14347.8	129.0	-56.2	99.9	281.6	37.4*	36.7	-7.6	389.6	999.9	99.9	999.9	86.8	115.
51.3	125.0	14497.2	126.0	-56.4	99.9	281.8	35.5*	34.7	-7.2	392.0	999.9	99.9	999.9	87.7	114.
52.0	126.0	14701.7	122.0	-57.1	99.9	281.9	37.4*	36.6	-7.7	394.4	999.9	99.9	999.9	88.9	114.
52.7	127.0	14859.1	119.0	-57.6	99.9	278.8	34.7*	34.3	-5.3	396.3	999.9	99.9	999.9	90.9	114.
53.3	128.0	15020.2	116.0	-58.1	99.9	275.4	30.7*	30.5	-2.9	398.3	999.9	99.9	999.9	91.8	114.
53.9	129.0	15185.1	113.0	-58.4	99.9	276.9	32.3*	32.1	-3.9	400.7	999.9	99.9	999.9	92.8	114.
54.6	130.0	15354.6	110.0	-57.9	99.9	279.3	38.8*	38.3	-6.3	404.7	999.9	99.9	999.9	94.0	113.
55.4	131.0	15587.9	106.0	-58.2	99.9	276.3	35.1*	34.9	-3.8	408.4	999.9	99.9	999.9	96.2	113.
56.1	132.0	15768.8	103.0	-58.1	99.9	273.9	29.3*	29.2	-2.0	412.1	999.9	99.9	999.9	97.3	113.
56.8	133.0	15955.1	100.0	-57.9	99.9	273.2	28.9*	28.9	-1.6	415.9	999.9	99.9	999.9	98.5	113.
57.5	134.0	16147.1	97.0	-57.9	99.9	273.8	29.6*	29.5	-2.0	419.5	999.9	99.9	999.9	99.6	112.
58.2	135.0	16345.1	94.0	-58.1	99.9	273.6	26.4*	26.4	-1.6	423.0	999.9	99.9	999.9	100.8	112.
58.9	136.0	16549.3	91.0	-58.4	99.9	268.5	17.3*	17.3	0.4	426.3	999.9	99.9	999.9	102.0	112.
59.8	137.0	16759.9	88.0	-58.9	99.9	278.4	16.9*	16.7	-2.5	429.3	999.9	99.9	999.9	102.2	112.
60.7	138.0	16977.6	85.0	-58.9	99.9	284.9	22.9*	22.1	-5.9	433.6	999.9	99.9	999.9	103.5	112.
61.5	139.0	17202.8	82.0	-59.6	99.9	273.9	19.5*	19.4	-1.3	436.7	999.9	99.9	999.9	104.9	112.
62.4	140.0	17515.2	78.0	-60.1	99.9	271.6	24.3*	24.3	-0.7	441.9	999.9	99.9	999.9	105.5	111.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 FEBRUARY 1975  
2315 GMT

156 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.3	141.0	17759.4	75.0	-61.2	99.9	274.6	26.8*	26.7	-2.2	444.7	999.9	99.9	999.9	107.0	111.
64.3	142.0	18012.2	72.0	-62.2	99.9	279.7	25.8*	25.4	-4.3	447.6	999.9	99.9	999.9	108.5	111.
65.3	143.0	18275.1	69.0	-62.2	99.9	282.4	26.5*	25.8	-5.7	453.1	999.9	99.9	999.9	110.0	111.
66.3	144.0	18549.7	66.0	-62.2	99.9	281.8	27.5*	26.9	-5.6	458.9	999.9	99.9	999.9	111.6	111.
67.3	145.0	18836.6	63.0	-63.0	99.9	284.5	26.5*	25.6	-6.6	463.4	999.9	99.9	999.9	113.3	111.
68.4	146.0	19137.6	60.0	-62.1	99.9	279.1	20.4*	20.1	-3.2	472.0	999.9	99.9	999.9	115.0	111.
69.6	147.0	19455.6	57.0	-61.0	99.9	276.7	27.1*	26.9	-3.2	481.4	999.9	99.9	999.9	116.9	110.
70.7	148.0	19792.1	54.0	-60.3	99.9	278.7	23.7*	23.5	-3.6	490.5	999.9	99.9	999.9	117.6	110.
71.8	149.0	20147.5	51.0	-61.5	99.9	283.6	33.3*	32.3	-7.8	495.7	999.9	99.9	999.9	120.4	110.
72.9	150.0	20521.5	48.0	-63.5	99.9	274.0	20.3*	20.3	-1.4	499.6	999.9	99.9	999.9	121.7	110.
74.2	151.0	20783.6	46.0	-62.2	99.9	239.5	3.5*	3.0	1.8	508.8	999.9	99.9	999.9	122.9	110.
75.5	152.0	21200.1	43.0	-62.4	99.9	274.5	5.1*	5.1	-0.4	518.3	999.9	99.9	999.9	123.2	110.
76.7	153.0	21643.7	40.0	-65.1	99.9	273.7	17.4*	17.4	-1.1	522.5	999.9	99.9	999.9	123.1	109.
78.2	154.0	22117.7	37.0	-66.0	99.9	278.9	29.8*	29.4	-4.6	531.8	999.9	99.9	999.9	125.7	109.
79.8	155.0	22635.2	34.0	-62.4	99.9	275.9	22.0*	21.8	-2.3	554.3	999.9	99.9	999.9	128.6	109.
81.3	156.0	23206.1	31.0	-61.9	99.9	261.7	22.0*	21.8	3.2	570.6	999.9	99.9	999.9	130.4	109.
83.0	157.0	23833.8	28.0	-63.4	99.9	250.1	13.9*	13.1	4.7	583.4	999.9	99.9	999.9	132.5	108.
85.2	158.0	24290.4	26.0	-62.2	99.9	269.2	23.6*	23.6	0.3	599.0	999.9	99.9	999.9	133.7	108.
87.2	159.0	25044.8	23.0	-63.9	99.9	274.0	26.4*	26.3	-1.8	615.5	999.9	99.9	999.9	136.3	108.
89.9	160.0	25904.8	20.0	-62.2	99.9	280.7	31.9*	31.4	-5.9	645.7	999.9	99.9	999.9	140.8	107.
92.3	161.0	26911.4	17.0	-61.2	99.9	999.9	99.9	99.9	99.9	679.8	999.9	99.9	999.9	999.9	999.

STATION NO. 349  
MONETTE, MO

7 FEBRUARY 1975  
600 GMT

154 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	438.0	971.9	-12.8	-14.2	290.0	3.6	3.4	-1.2	262.6	266.0	1.3	89.0	0.0	0.
0.4	8.0	508.3	963.0	-12.4	-17.6	307.3	11.4	9.1	-6.9	263.7	266.3	1.0	65.0	0.1	137.
0.7	9.0	604.0	951.0	-12.7	-19.0	307.0	10.3	8.3	-6.2	264.3	266.7	0.9	59.0	0.3	132.
1.0	10.0	692.8	940.0	-13.0	-20.0	306.4	8.8	7.1	-5.2	264.9	267.1	0.8	55.4	0.5	130.
1.5	11.0	798.7	927.0	-14.1	-21.8	308.6	7.5	5.9	-4.7	264.8	266.8	0.7	52.1	0.7	128.
1.8	12.0	897.6	915.0	-14.4	-23.9	310.4	7.5	5.7	-4.9	265.5	267.2	0.6	48.0	0.8	129.
2.1	13.0	989.3	904.0	-14.5	-25.9	311.1	7.4	5.6	-4.9	266.3	267.7	0.5	37.0	1.0	129.
2.5	14.0	1073.6	894.0	-14.5	-27.0	308.3	6.7	5.2	-4.1	267.1	268.4	0.5	33.4	1.1	130.
2.9	15.0	1176.0	882.0	-14.5	-30.2	308.7	7.6	6.0	-4.8	268.1	269.1	0.3	24.9	1.3	129.
3.2	16.0	1280.0	870.0	-13.4	-35.0	312.1	7.7	5.7	-5.1	270.3	271.0	0.2	14.1	1.4	129.
3.6	17.0	1376.8	859.0	-13.3	-34.6	316.8	7.7	5.3	-5.6	271.5	272.2	0.2	14.6	1.6	130.
4.0	18.0	1474.9	848.0	-13.4	-38.5	314.7	8.7	6.2	-6.1	272.3	272.8	0.2	10.0	1.8	131.
4.3	19.0	1565.4	838.0	-12.1	-38.7	311.6	10.9	8.1	-7.2	274.6	275.1	0.2	8.7	2.0	131.
4.7	20.0	1657.4	828.0	-10.7	-35.1	310.4	13.2	10.1	-8.6	277.0	277.7	0.2	11.3	2.3	131.
5.1	21.0	1779.2	815.0	-10.6	-32.6	311.2	15.3	11.5	-10.0	278.4	279.3	0.3	14.3	2.6	131.
5.5	22.0	1874.1	805.0	-10.4	-42.4	312.4	18.2	13.4	-12.3	279.6	279.9	0.1	5.2	3.0	131.
5.8	23.0	1980.0	794.0	-10.4	-38.3	313.0	18.5	13.5	-12.6	280.7	281.2	0.2	8.0	3.4	131.
6.1	24.0	2077.6	784.0	-10.4	-21.4	313.2	19.0	13.8	-13.0	281.8	284.3	0.9	40.0	3.7	131.
6.6	25.0	2166.6	775.0	-10.1	-24.3	312.5	20.7	15.3	-14.0	283.0	285.0	0.7	30.2	4.2	132.
7.0	26.0	2286.9	763.0	-9.8	-36.1	312.3	23.1	17.1	-15.5	284.5	285.2	0.2	9.6	4.8	132.
7.3	27.0	2388.5	753.0	-10.4	-29.0	313.2	24.1	17.6	-16.5	285.0	286.4	0.5	20.0	5.2	132.
7.8	28.0	2491.4	743.0	-10.7	-22.1	313.2	24.6	17.9	-16.8	285.8	288.4	0.9	38.4	6.0	132.
8.1	29.0	2595.6	733.0	-11.0	-28.3	312.7	24.5	18.0	-16.6	286.6	288.1	0.5	22.2	6.4	132.
8.6	30.0	2690.4	724.0	-11.6	-26.6	311.4	24.7	18.5	-16.3	287.0	288.8	0.6	27.4	7.1	132.
8.9	31.0	2796.8	714.0	-12.4	-25.7	310.6	25.1	19.0	-16.3	287.2	289.1	0.7	31.9	7.6	132.
9.3	32.0	2893.6	705.0	-13.0	-29.6	310.4	25.6	19.5	-16.6	287.6	289.0	0.5	23.2	8.2	132.
9.6	33.0	2991.4	696.0	-13.5	-31.5	310.7	25.8	19.6	-16.8	288.0	289.2	0.4	20.2	8.6	132.
10.0	34.0	3101.3	686.0	-14.4	-27.7	311.8	25.7	19.2	-17.1	288.3	290.0	0.6	31.0	9.3	132.
10.4	35.0	3201.3	677.0	-15.1	-30.2	313.0	25.1	18.4	-17.1	288.6	290.0	0.5	26.1	9.9	132.
10.9	36.0	3325.1	666.0	-15.6	-36.4	313.5	24.9	18.1	-17.2	289.3	290.1	0.3	14.8	10.6	132.
11.3	37.0	3427.6	657.0	-16.3	-34.4	312.8	25.4	18.6	-17.3	289.6	290.6	0.3	19.1	11.2	132.
11.6	38.0	3531.2	648.0	-16.9	-38.7	312.1	25.8	19.2	-17.3	290.1	290.8	0.2	12.9	11.7	132.
12.0	39.0	3636.2	639.0	-17.3	-40.6	311.2	26.2	19.7	-17.3	290.8	291.4	0.2	10.9	12.3	132.
12.4	40.0	3742.5	630.0	-17.0	-42.5	311.2	25.6	19.3	-16.9	292.3	292.8	0.1	8.7	13.0	132.
13.0	41.0	3862.5	620.0	-17.3	-46.2	311.6	24.8	18.6	-16.5	293.4	293.7	0.1	6.0	13.9	132.
13.5	42.0	3972.1	611.0	-17.4	-41.2	311.1	25.5	19.2	-16.8	294.4	295.0	0.2	10.4	14.5	132.
13.9	43.0	4083.1	602.0	-18.4	-44.0	310.1	26.1	19.9	-16.8	294.6	295.0	0.1	8.4	15.3	132.
14.3	44.0	4195.3	593.0	-19.3	-40.1	308.9	26.2	20.4	-16.4	294.8	295.4	0.2	13.7	15.9	132.
14.7	45.0	4308.9	584.0	-20.0	-38.8	308.0	25.9	20.4	-15.9	295.3	296.0	0.2	16.7	16.5	132.
15.1	46.0	4410.9	576.0	-21.3	-38.9	307.5	25.5	20.2	-15.5	294.9	295.6	0.2	18.6	17.1	131.
15.6	47.0	4513.9	568.0	-22.3	-38.8	307.0	25.3	20.2	-15.2	294.9	295.7	0.2	20.5	17.9	131.
16.0	48.0	4618.0	560.0	-23.1	-37.1	305.9	25.5	20.7	-15.0	295.2	296.1	0.3	26.1	18.4	131.
16.2	49.0	4723.4	552.0	-23.1	-40.7	304.7	25.6	21.0	-14.6	296.4	297.0	0.2	17.9	18.8	131.
16.8	50.0	4843.9	543.0	-22.9	-40.9	301.7	26.1	22.2	-13.7	298.0	298.6	0.2	17.4	19.7	131.
17.3	51.0	4979.7	533.0	-24.4	-42.5	300.5	27.0	23.3	-13.7	297.8	298.4	0.2	16.6	20.4	130.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 349  
MONETTE, MO

7 FEBRUARY 1975  
600 GMT

154 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.7	52.0	5089.8	525.0	-24.9	-43.5	300.1	27.9	24.2	-14.0	298.4	299.0	0.2	15.7	21.1	130.
18.0	53.0	5201.2	517.0	-26.0	-44.3	299.8	28.5	24.8	-14.2	298.5	299.0	0.1	15.8	21.6	130.
18.5	54.0	5299.8	510.0	-26.9	-43.6	298.9	29.1	25.5	-14.0	298.5	299.0	0.2	18.7	22.5	129.
18.9	55.0	5413.7	502.0	-27.6	-42.3	298.2	30.5	26.9	-14.4	299.1	299.7	0.2	22.9	23.1	129.
19.4	56.0	5543.6	493.0	-28.3	-41.4	297.5	33.0	29.3	-15.3	299.7	300.3	0.2	27.0	24.0	129.
19.8	57.0	5660.7	485.0	-29.1	-42.1	296.7	33.4	29.8	-15.0	300.1	300.7	0.2	27.1	24.9	128.
20.2	58.0	5779.4	477.0	-29.9	-42.8	295.3	32.2	29.1	-13.7	300.5	301.2	0.2	27.1	25.8	128.
20.6	59.0	5884.5	470.0	-31.0	-43.1	293.4	30.7	28.2	-12.2	300.5	301.1	0.2	28.8	26.5	127.
21.0	60.0	5990.9	463.0	-31.6	-43.3	293.3	31.0	28.6	-11.8	301.0	301.6	0.2	30.1	27.0	127.
21.4	61.0	6114.0	455.0	-32.4	-43.8	293.3	34.0	31.2	-13.5	301.5	302.1	0.2	31.0	27.7	127.
21.8	62.0	6223.1	448.0	-33.5	-44.6	294.3	36.3	33.1	-15.0	301.5	302.0	0.2	31.3	28.7	126.
22.2	63.0	6333.5	441.0	-34.2	-45.1	294.5	36.7	33.4	-15.2	302.0	302.5	0.1	31.6	29.6	126.
22.6	64.0	6429.1	435.0	-35.5	-46.4	293.4	34.9	32.1	-13.9	301.5	302.0	0.1	31.3	30.5	126.
23.0	65.0	6558.0	427.0	-36.7	-47.2	290.6	31.5	29.5	-11.1	301.6	302.0	0.1	32.1	31.3	125.
23.4	66.0	6688.8	419.0	-37.6	-47.9	287.7	28.6	27.2	-8.7	302.0	302.4	0.1	32.9	32.0	125.
23.9	67.0	6804.8	412.0	-38.6	-48.8	287.6	27.7	26.4	-8.4	302.2	302.6	0.1	32.7	32.7	124.
24.2	68.0	6922.3	405.0	-39.4	99.9	289.5	29.8	28.1	-9.9	302.7	999.9	99.9	999.9	33.1	124.
24.7	69.0	7041.4	398.0	-40.3	99.9	292.4	36.2	33.4	-13.8	303.0	999.9	99.9	999.9	33.9	124.
25.1	70.0	7144.8	392.0	-41.3	99.9	292.9	41.3	38.0	-16.1	303.1	999.9	99.9	999.9	34.8	124.
25.6	71.0	7284.4	384.0	-42.8	99.9	291.2	41.3	38.5	-15.0	302.9	999.9	99.9	999.9	36.5	123.
26.1	72.0	7408.3	377.0	-43.7	99.9	288.6	34.8	32.9	-11.1	303.4	999.9	99.9	999.9	37.7	123.
26.5	73.0	7515.9	371.0	-44.6	99.9	288.0	30.8	29.3	-9.5	303.4	999.9	99.9	999.9	38.2	122.
27.0	74.0	7643.1	364.0	-45.5	99.9	291.6	36.2*	33.7	-13.3	304.0	999.9	99.9	999.9	38.6	122.
27.5	75.0	7753.7	358.0	-46.4	99.9	293.3	43.0*	39.5	-17.0	304.3	999.9	99.9	999.9	40.3	122.
27.9	76.0	7865.9	352.0	-46.8	99.9	292.1	39.8*	36.9	-15.0	305.1	999.9	99.9	999.9	41.5	122.
28.4	77.0	7979.7	346.0	-47.5	99.9	289.1	30.6*	28.9	-17.0	305.7	999.9	99.9	999.9	42.7	121.
28.9	78.0	8095.2	340.0	-48.0	99.9	287.6	25.3*	24.2	-7.6	306.6	999.9	99.9	999.9	43.1	121.
29.4	79.0	8212.4	334.0	-48.8	99.9	290.3	29.2*	27.4	-10.1	307.0	999.9	99.9	999.9	43.7	121.
29.8	80.0	8331.4	328.0	-49.4	99.9	292.6	35.4*	32.7	-13.6	307.7	999.9	99.9	999.9	44.5	121.
30.3	81.0	8472.6	321.0	-49.9	99.9	294.2	41.1*	37.5	-16.9	309.0	999.9	99.9	999.9	45.7	121.
30.9	82.0	8595.7	315.0	-50.8	99.9	294.6	39.3*	35.7	-16.3	309.4	999.9	99.9	999.9	47.5	120.
31.3	83.0	8721.0	309.0	-50.6	99.9	293.6	32.6*	29.9	-13.1	311.3	999.9	99.9	999.9	48.5	120.
31.9	84.0	8827.1	304.0	-51.7	99.9	290.5	26.1*	24.4	-9.1	311.3	999.9	99.9	999.9	49.1	120.
32.3	85.0	8956.4	298.0	-51.9	99.9	289.7	30.0*	28.2	-10.1	312.9	999.9	99.9	999.9	49.6	120.
33.0	86.0	9110.0	291.0	-53.1	99.9	290.8	43.5*	40.7	-15.5	313.2	999.9	99.9	999.9	51.1	120.
33.5	87.0	9221.8	286.0	-52.6	99.9	292.2	47.8*	44.2	-18.1	315.5	999.9	99.9	999.9	52.8	119.
34.0	88.0	9358.9	280.0	-52.2	99.9	294.1	44.3*	40.5	-18.1	318.0	999.9	99.9	999.9	54.2	119.
34.4	89.0	9475.6	275.0	-52.2	99.9	295.2	38.5*	34.9	-15.4	319.7	999.9	99.9	999.9	55.3	119.
34.9	90.0	9594.4	270.0	-52.0	99.9	295.6	32.8*	29.6	-11.2	321.6	999.9	99.9	999.9	56.2	119.
35.3	91.0	9715.4	265.0	-52.3	99.9	294.5	31.6*	28.8	-13.1	322.9	999.9	99.9	999.9	56.9	119.
35.7	92.0	9838.6	260.0	-52.3	99.9	292.3	32.6*	30.2	-12.4	324.6	999.9	99.9	999.9	57.6	119.
36.2	93.0	9964.1	255.0	-52.5	99.9	289.2	35.3*	33.4	-11.6	326.2	999.9	99.9	999.9	58.6	119.
36.7	94.0	10092.2	250.0	-52.3	99.9	287.4	37.5*	35.8	-11.2	328.3	999.9	99.9	999.9	59.7	119.
37.2	95.0	10222.7	245.0	-52.9	99.9	288.2	40.1*	38.1	-12.5	329.3	999.9	99.9	999.9	60.8	118.
37.8	96.0	10382.5	239.0	-53.3	99.9	290.2	46.1*	43.3	-16.0	331.1	999.9	99.9	999.9	62.2	118.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN C AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

7 FEBRUARY 1975  
600 GMT

154 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
38.3	97.0	10518.5	234.0	-53.9	99.9	290.2	49.2*	46.2	-17.0	332.2	999.9	99.9	999.9	63.8	118.
38.8	98.0	10629.5	230.0	-52.5	99.9	288.2	45.1*	42.9	-14.1	336.0	999.9	99.9	999.9	65.5	118.
39.3	99.0	10771.8	225.0	-52.0	99.9	284.9	37.4*	36.1	-9.6	338.8	999.9	99.9	999.9	66.6	118.
39.9	100.0	10917.0	220.0	-52.9	99.9	282.8	33.8*	32.9	-7.5	339.6	999.9	99.9	999.9	67.6	117.
40.4	101.0	11065.6	215.0	-52.0	99.9	283.2	36.2*	35.2	-3.3	343.2	999.9	99.9	999.9	68.5	117.
41.0	102.0	11218.1	210.0	-51.9	99.9	281.9	37.3*	36.5	-7.7	345.8	999.9	99.9	999.9	70.3	117.
41.5	103.0	11342.8	206.0	-51.7	99.9	280.0	37.4*	36.8	-6.5	348.0	999.9	99.9	999.9	71.0	117.
42.0	104.0	11469.7	202.0	-52.8	99.9	280.6	40.7*	40.0	-7.5	348.2	999.9	99.9	999.9	71.8	116.
42.5	105.0	11631.1	197.0	-53.6	99.9	283.2	43.9*	42.7	-10.0	349.4	999.9	99.9	999.9	73.7	116.
43.0	106.0	11763.0	193.0	-53.7	99.9	286.0	46.9*	45.1	-12.9	351.3	999.9	99.9	999.9	74.5	116.
43.6	107.0	11897.7	189.0	-53.6	99.9	287.3	51.3*	48.9	-15.3	353.6	999.9	99.9	999.9	76.4	116.
44.1	108.0	12035.2	185.0	-53.7	99.9	287.3	51.1*	48.7	-15.2	355.5	999.9	99.9	999.9	78.1	116.
44.7	109.0	12175.7	181.0	-53.9	99.9	288.2	46.5*	44.2	-14.5	357.5	999.9	99.9	999.9	79.8	115.
45.2	110.0	12319.3	177.0	-53.6	99.9	289.6	42.2*	39.7	-14.1	360.3	999.9	99.9	999.9	81.1	115.
45.9	111.0	12503.6	172.0	-53.4	99.9	289.9	34.7*	32.6	-11.8	363.5	999.9	99.9	999.9	82.9	115.
46.4	112.0	12616.8	169.0	-53.6	99.9	289.2	33.7*	31.8	-11.1	365.1	999.9	99.9	999.9	83.6	115.
47.0	113.0	12770.7	165.0	-54.2	99.9	289.1	38.9*	36.8	-12.7	366.6	999.9	99.9	999.9	84.6	115.
47.6	114.0	12928.0	161.0	-54.4	99.9	286.3	38.6*	37.1	-13.8	368.9	999.9	99.9	999.9	86.7	115.
48.2	115.0	13089.2	157.0	-54.5	99.9	280.6	35.2*	34.6	-5.5	371.3	999.9	99.9	999.9	87.7	115.
48.9	116.0	13254.3	153.0	-55.0	99.9	278.0	38.9*	38.5	-5.4	373.2	999.9	99.9	999.9	88.8	114.
49.6	117.0	13423.3	149.0	-55.7	99.9	278.0	38.6*	38.3	-5.4	374.9	999.9	99.9	999.9	91.0	114.
50.1	118.0	13552.8	146.0	-55.8	99.9	277.7	33.7*	33.4	-4.5	376.8	999.9	99.9	999.9	91.9	114.
50.7	119.0	13685.0	143.0	-55.8	99.9	281.1	33.4*	32.8	-6.4	379.1	999.9	99.9	999.9	92.8	114.
51.3	120.0	13865.2	139.0	-56.8	99.9	285.8	39.4*	37.9	-10.7	380.4	999.9	99.9	999.9	93.9	114.
51.8	121.0	14003.2	136.0	-57.7	99.9	287.4	38.9*	37.2	-11.6	381.3	999.9	99.9	999.9	95.5	114.
52.3	122.0	14144.1	133.0	-57.3	99.9	286.7	32.2*	30.9	-9.2	384.3	999.9	99.9	999.9	96.9	114.
52.9	123.0	14288.0	130.0	-58.2	99.9	284.6	30.4*	29.4	-7.7	385.3	999.9	99.9	999.9	97.0	113.
53.7	124.0	14484.7	126.0	-58.5	99.9	285.3	37.7*	36.4	-10.0	388.2	999.9	99.9	999.9	99.3	113.
54.1	125.0	14636.0	123.0	-59.0	99.9	286.2	38.3*	36.8	-10.7	389.9	999.9	99.9	999.9	100.2	113.
54.9	126.0	14843.4	119.0	-58.9	99.9	288.9	42.5*	40.2	-13.7	393.9	999.9	99.9	999.9	101.6	113.
55.5	127.0	15003.7	116.0	-58.9	99.9	289.8	42.8*	40.3	-13.5	396.8	999.9	99.9	999.9	103.9	113.
56.1	128.0	15168.2	113.0	-58.7	99.9	285.8	30.4*	29.3	-3.3	400.1	999.9	99.9	999.9	105.1	113.
56.6	129.0	15337.0	110.0	-59.4	99.9	274.9	21.7*	21.6	-1.9	401.9	999.9	99.9	999.9	105.9	113.
57.2	130.0	15509.7	107.0	-60.4	99.9	269.4	22.6*	22.6	0.2	403.1	999.9	99.9	999.9	106.0	113.
57.9	131.0	15686.9	104.0	-60.4	99.9	276.3	27.5*	27.3	-3.0	406.4	999.9	99.9	999.9	107.3	113.
58.5	132.0	15869.1	101.0	-60.8	99.9	277.6	24.6*	24.4	-3.3	409.1	999.9	99.9	999.9	108.4	112.
59.1	133.0	15993.2	99.0	-61.9	99.9	278.1	24.0*	23.8	-3.4	409.4	999.9	99.9	999.9	109.1	112.
59.7	134.0	16183.6	96.0	-62.1	99.9	276.1	28.2*	28.0	-3.0	412.6	999.9	99.9	999.9	109.8	112.
60.2	135.0	16380.2	93.0	-61.3	99.9	269.5	28.5*	28.5	0.2	417.8	999.9	99.9	999.9	111.2	112.
61.0	136.0	16583.4	90.0	-61.9	99.9	264.8	29.8*	29.7	2.7	420.7	999.9	99.9	999.9	111.8	112.
61.7	137.0	16792.8	87.0	-62.8	99.9	272.3	34.3*	34.3	-1.4	422.9	999.9	99.9	999.9	113.2	111.
62.3	138.0	17008.3	84.0	-64.1	99.9	275.0	30.5*	30.4	-2.6	424.5	999.9	99.9	999.9	114.5	111.
63.1	139.0	17230.5	81.0	-64.9	99.9	274.9	20.3*	20.2	-1.8	427.3	999.9	99.9	999.9	115.8	111.
63.8	140.0	17460.9	78.0	-64.7	99.9	278.1	24.1*	23.9	-3.4	432.4	999.9	99.9	999.9	116.2	111.
64.5	141.0	17700.5	75.0	-64.3	99.9	274.9	28.9*	28.8	-2.5	438.1	999.9	99.9	999.9	117.7	111.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

7 FEBRUARY 1975  
600 GMT

154 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.4	142.0	17866.2	73.0	-63.6	99.9	276.5	29.7*	29.5	-3.3	443.1	999.9	99.9	999.9	118.9	111.
66.4	143.0	18213.2	69.0	-62.2	99.9	285.2	32.4*	31.3	-8.5	453.1	999.9	99.9	999.9	120.9	111.
67.4	144.0	18487.7	66.0	-62.4	99.9	286.0	31.6*	30.4	-8.7	458.5	999.9	99.9	999.9	122.8	110.
68.3	145.0	18775.1	63.0	-62.1	99.9	274.5	32.0*	31.9	-2.5	465.5	999.9	99.9	999.9	124.5	110.
69.1	146.0	18975.4	61.0	-60.3	99.9	267.8	31.0*	30.9	1.2	473.8	999.9	99.9	999.9	125.9	110.
70.0	147.0	19289.5	58.0	-60.8	99.9	241.2	13.1*	11.5	6.3	479.5	999.9	99.9	999.9	127.8	110.
70.9	148.0	19507.2	56.0	-62.1	99.9	203.9	8.9*	3.6	8.1	481.4	999.9	99.9	999.9	126.7	110.
71.9	149.0	19846.1	53.0	-63.9	99.9	267.4	14.7*	14.7	0.7	484.7	999.9	99.9	999.9	127.3	109.
73.1	150.0	20203.5	50.0	-63.6	99.9	264.7	17.7*	17.6	1.6	493.7	999.9	99.9	999.9	129.0	109.
74.2	151.0	20583.7	47.0	-63.2	99.9	260.1	15.6*	15.4	2.7	503.5	999.9	99.9	999.9	130.0	109.
75.4	152.0	20852.9	45.0	-60.4	99.9	267.6	20.6*	20.6	3.9	516.4	999.9	99.9	999.9	130.4	109.
76.7	153.0	21281.2	42.0	-62.1	99.9	282.9	34.9*	34.0	-7.8	522.7	999.9	99.9	999.9	132.9	109.
77.9	154.0	21736.3	39.0	-64.9	99.9	287.9	30.8*	29.3	-9.5	526.7	999.9	99.9	999.9	135.5	108.
79.2	155.0	22055.2	37.0	-67.7	99.9	280.8	12.7*	12.4	-2.4	527.4	999.9	99.9	999.9	137.5	109.
80.9	156.0	22563.2	34.0	-68.4	99.9	264.8	13.2*	13.1	1.2	538.6	999.9	99.9	999.9	137.5	108.
82.6	157.0	22929.4	32.0	-65.5	99.9	227.5	9.5*	7.0	6.4	555.7	999.9	99.9	999.9	138.3	108.
84.3	158.0	23530.1	29.0	-64.1	99.9	287.4	29.5*	28.1	-0.8	575.4	999.9	99.9	999.9	140.3	108.
86.2	159.0	24198.1	26.0	-64.5	99.9	274.7	29.8	29.7	-2.5	592.5	999.9	99.9	999.9	144.0	108.
88.1	160.0	24687.2	24.0	-64.5	99.9	999.9	99.9	99.9	99.9	606.3	999.9	99.9	999.9	999.9	999.

STATION NO. 349  
MONETTE, MO

7 FEBRUARY 1975  
1115 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	438.0	970.9	-12.9	-15.7	220.0	2.6	1.7	2.0	262.6	265.7	1.2	82.0	0.0	0.
0.2	7.0	492.5	964.0	-12.3	-16.3	999.9	99.9	99.9	99.9	263.8	266.5	1.1	68.5	999.9	999.
0.6	8.0	588.5	952.0	-10.7	-15.7	999.9	99.9	99.9	99.9	266.3	269.5	1.2	67.5	999.9	999.
1.0	9.0	686.1	940.0	-11.0	-16.1	999.9	99.9	99.9	99.9	267.0	270.1	1.2	66.1	999.9	999.
1.3	10.0	784.9	928.0	-10.6	-17.7	999.9	99.9	99.9	99.9	268.4	271.1	1.0	55.5	999.9	999.
1.7	11.0	902.1	914.0	-9.7	-24.8	281.8	9.4	9.2	-1.9	270.4	272.0	0.6	27.8	0.8	85.
1.9	12.0	1004.0	902.0	-9.8	-27.0	286.8	9.1	8.7	-2.6	271.3	272.6	0.5	22.9	0.9	87.
2.3	13.0	1098.9	891.0	-8.8	-30.2	300.8	9.4	8.0	-4.8	273.2	274.2	0.3	15.7	1.1	92.
2.7	14.0	1195.2	880.0	-8.1	-20.1	313.2	10.8	7.8	-7.4	275.0	277.5	0.9	37.4	1.3	98.
2.9	15.0	1302.2	868.0	-6.8	-21.3	317.8	11.8	7.9	-8.7	277.5	279.8	0.8	30.3	1.4	102.
3.3	16.0	1429.3	854.0	-6.0	-27.4	323.6	13.7	8.1	-17.0	279.5	280.9	0.5	16.5	1.6	109.
3.6	17.0	1521.4	844.0	-5.3	-19.3	325.1	15.2	8.7	-17.5	280.2	283.0	1.0	34.9	1.8	114.
4.0	18.0	1623.9	833.0	-6.8	-19.6	323.0	17.3	10.4	-13.8	280.8	283.6	1.0	35.1	2.2	119.
4.3	19.0	1737.1	821.0	-7.2	-21.5	322.6	17.5	10.7	-13.9	281.5	283.9	0.8	30.6	2.5	122.
4.7	20.0	1832.6	811.0	-7.4	-23.0	321.4	17.8	11.1	-13.9	282.3	284.3	0.7	25.3	2.9	125.
5.2	21.0	1968.0	797.0	-8.2	-29.3	319.3	17.4	11.4	-13.2	282.7	283.9	0.4	15.6	3.4	127.
5.5	22.0	2065.9	787.0	-8.4	-33.5	318.2	16.8	11.2	-12.5	283.6	284.5	0.3	11.3	3.7	128.
5.9	23.0	2175.1	776.0	-8.4	-33.3	323.1	17.1	10.2	-13.7	284.7	285.6	0.3	11.3	4.1	129.
6.3	24.0	2275.8	766.0	-7.8	-29.8	325.4	18.9	10.8	-15.6	286.4	287.7	0.4	15.1	4.5	131.
6.6	25.0	2378.0	756.0	-7.7	-28.3	325.3	20.5	11.7	-16.9	287.7	289.1	0.5	17.1	4.9	132.
7.1	26.0	2512.8	743.0	-8.4	-27.7	322.5	22.4	13.6	-17.8	288.3	289.9	0.5	19.2	5.5	133.
7.4	27.0	2617.7	733.0	-9.3	-28.4	321.4	23.0	14.3	-18.0	288.5	290.0	0.5	19.2	5.9	134.
7.8	28.0	2723.8	723.0	-9.8	-27.7	320.1	23.2	14.9	-17.8	289.0	290.6	0.5	21.6	6.5	134.
8.1	29.0	2831.1	713.0	-10.6	-27.5	319.2	23.2	15.2	-17.6	289.3	291.0	0.5	22.5	6.9	135.
8.5	30.0	2939.6	703.0	-11.4	-29.7	318.1	23.1	15.4	-17.2	289.5	291.0	0.5	21.2	7.5	135.
8.9	31.0	3049.5	693.0	-11.6	-30.8	317.4	23.5	15.9	-17.3	290.5	291.9	0.4	18.4	8.0	135.
9.2	32.0	3160.9	683.0	-11.3	-33.2	317.0	23.8	16.2	-17.4	292.1	293.1	0.3	14.3	8.4	135.
9.6	33.0	3274.0	673.0	-11.4	-29.0	316.7	24.2	16.6	-17.6	293.2	294.8	0.5	21.7	9.0	135.
10.0	34.0	3388.6	663.0	-12.4	-24.0	316.1	24.1	16.7	-17.4	293.3	295.7	0.8	35.3	9.6	136.
10.3	35.0	3493.0	654.0	-12.7	-25.7	315.2	23.5	16.5	-15.7	294.2	296.4	0.7	33.6	10.1	136.
10.8	36.0	3634.3	642.0	-13.0	-26.7	314.2	22.6	16.2	-15.8	295.4	297.5	0.7	31.4	10.7	135.
11.2	37.0	3753.8	632.0	-13.5	-27.7	314.2	22.4	16.0	-15.6	296.1	298.1	0.6	30.0	11.3	135.
11.6	38.0	3862.7	623.0	-14.5	-28.3	315.0	22.6	16.0	-15.0	296.2	298.0	0.6	29.7	11.8	135.
12.0	39.0	3972.8	614.0	-15.3	-28.8	316.3	23.3	16.1	-16.8	296.4	298.2	0.6	30.4	12.3	135.
12.4	40.0	4084.3	605.0	-15.9	-30.0	316.6	24.0	16.5	-17.4	297.0	298.7	0.5	28.3	12.9	135.
12.9	41.0	4222.4	594.0	-16.4	-31.5	315.7	24.0	16.8	-17.1	298.0	299.4	0.5	25.7	13.6	136.
13.3	42.0	4337.2	585.0	-16.7	-33.2	315.1	23.1	16.3	-16.4	298.9	300.2	0.4	22.4	14.3	135.
13.7	43.0	4453.5	576.0	-17.4	-33.7	315.5	22.3	15.7	-15.9	299.5	300.7	0.4	23.3	14.8	135.
14.1	44.0	4571.4	567.0	-17.8	-33.7	316.6	22.3	15.3	-16.2	300.3	301.7	0.4	24.5	15.2	135.
14.5	45.0	4677.6	559.0	-18.5	-34.6	317.4	23.5	15.9	-17.3	300.7	301.9	0.4	22.5	15.7	136.
14.9	46.0	4798.5	550.0	-19.0	-36.1	316.8	24.8	17.0	-18.1	301.5	302.5	0.3	20.3	16.4	136.
15.4	47.0	4907.5	542.0	-19.7	-36.9	315.5	25.7	18.0	-18.3	302.0	302.9	0.3	19.9	17.1	136.
15.8	48.0	5021.5	533.0	-20.8	-37.0	314.3	25.8	18.5	-13.0	302.1	303.0	0.3	20.0	17.8	136.
16.2	49.0	5143.1	525.0	-22.1	-38.7	313.5	25.7	18.6	-17.7	301.8	302.7	0.3	20.5	18.4	136.
16.7	50.0	5270.0	516.0	-22.9	-39.7	313.6	25.4	18.4	-17.5	302.3	303.2	0.2	21.0	19.2	135.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

7 FEBRUARY 1975  
1115 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P. DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.1	51.0	5413.1	506.0	-24.1	-39.0	314.3	25.4	18.2	-17.7	302.6	303.4	0.2	21.5	19.8	135.
17.6	52.0	5529.2	498.0	-24.9	-40.8	314.8	26.0	18.5	-17.4	303.0	303.7	0.2	22.0	20.5	135.
18.0	53.0	5646.7	490.0	-26.0	-41.1	314.1	26.6	19.1	-18.5	303.1	303.8	0.2	22.5	21.2	135.
18.3	54.0	5765.7	482.0	-27.0	-42.0	312.5	26.8	19.7	-18.1	303.2	303.9	0.2	22.5	21.7	135.
18.6	55.0	5886.1	474.0	-28.1	-43.2	310.8	27.0	20.4	-17.6	303.4	304.0	0.2	21.7	22.2	135.
19.2	56.0	6038.9	464.0	-29.0	-44.0	307.4	27.7	22.0	-16.8	304.1	304.6	0.2	20.5	23.1	135.
19.6	57.0	6147.4	457.0	-29.8	-45.0	305.3	28.3	23.1	-16.4	304.4	304.9	0.1	20.5	23.8	135.
20.0	58.0	6273.2	449.0	-30.1	-45.4	303.1	28.9	24.2	-15.8	305.6	306.1	0.1	20.6	24.5	135.
20.5	59.0	6384.9	442.0	-31.0	-46.2	301.1	29.4	25.2	-15.2	305.8	306.3	0.1	20.6	25.3	134.
20.8	60.0	6514.3	434.0	-31.8	-46.8	300.7	29.5	25.3	-15.1	306.4	306.9	0.1	20.7	25.9	134.
21.3	61.0	6629.0	427.0	-32.8	-47.0	301.1	29.2	25.0	-15.1	306.5	306.9	0.1	20.7	26.7	133.
21.8	62.0	6761.9	419.0	-33.8	-48.0	302.6	28.5	24.0	-15.4	307.0	307.3	0.1	20.8	27.6	133.
22.2	63.0	6879.8	412.0	-34.6	-49.1	304.5	27.8	22.9	-15.8	307.4	307.8	0.1	20.9	28.3	133.
22.6	64.0	6999.3	405.0	-35.5	-49.0	306.6	27.5	22.1	-16.4	307.7	308.1	0.1	20.9	28.8	132.
23.0	65.0	7120.4	398.0	-36.6	-50.8	308.3	27.9	21.9	-17.3	307.9	308.2	0.1	21.0	29.5	132.
23.6	66.0	7278.6	389.0	-37.8	-51.8	310.6	29.6	22.5	-18.3	308.3	308.6	0.1	21.1	30.5	132.
24.0	67.0	7385.5	383.0	-39.0	-52.9	312.4	30.7	22.7	-20.7	308.1	308.3	0.1	21.1	31.2	132.
24.5	68.0	7511.7	376.0	-40.1	99.9	314.6	29.5	21.0	-20.7	308.3	999.9	99.9	999.9	32.3	132.
24.9	69.0	7639.8	369.0	-40.9	99.9	315.5	26.7	18.7	-19.1	308.9	999.9	99.9	999.9	33.0	132.
25.5	70.0	7751.1	363.0	-41.7	99.9	316.3	25.2	17.4	-18.2	309.3	999.9	99.9	999.9	33.6	133.
25.9	71.0	7920.8	354.0	-43.1	99.9	316.8	28.1	19.2	-20.4	309.6	999.9	99.9	999.9	34.3	133.
26.4	72.0	8035.8	348.0	-43.8	99.9	317.8	32.3	21.7	-24.0	310.2	999.9	99.9	999.9	35.2	133.
26.8	73.0	8152.2	342.0	-44.9	99.9	318.7	33.8	22.3	-25.4	310.2	999.9	99.9	999.9	36.1	133.
27.3	74.0	8290.3	335.0	-45.9	99.9	319.6	31.6	20.5	-21.1	310.7	999.9	99.9	999.9	37.2	133.
27.7	75.0	8410.3	329.0	-47.1	99.9	320.4	27.4	17.4	-21.1	310.7	999.9	99.9	999.9	38.0	133.
28.2	76.0	8531.9	323.0	-48.0	99.9	321.3	22.7	14.2	-17.7	311.1	999.9	99.9	999.9	38.7	133.
28.7	77.0	8655.3	317.0	-49.1	99.9	320.9	23.2	14.6	-18.0	311.2	999.9	99.9	999.9	39.1	133.
29.1	78.0	8780.3	311.0	-50.3	99.9	319.2	26.9	17.6	-20.4	311.2	999.9	99.9	999.9	39.7	134.
29.6	79.0	8907.4	305.0	-50.6	99.9	315.9	32.8	22.8	-20.5	312.5	999.9	99.9	999.9	40.6	134.
30.1	80.0	9036.7	299.0	-51.2	99.9	312.3	36.2	26.8	-24.4	313.4	999.9	99.9	999.9	41.7	134.
30.7	81.0	9190.3	292.0	-52.3	99.9	308.4	35.5	27.8	-22.0	314.0	999.9	99.9	999.9	43.1	134.
31.2	82.0	9301.9	287.0	-52.6	99.9	305.4	32.1	26.2	-18.6	315.1	999.9	99.9	999.9	44.1	133.
31.6	83.0	9438.1	281.0	-53.4	99.9	303.1	28.8	24.2	-15.8	315.9	999.9	99.9	999.9	44.9	133.
32.1	84.0	9553.5	276.0	-54.1	99.9	302.4	26.5	22.4	-14.2	316.6	999.9	99.9	999.9	45.6	133.
32.5	85.0	9694.5	270.0	-54.4	99.9	304.9	27.7	22.7	-15.8	318.2	999.9	99.9	999.9	46.2	133.
33.2	86.0	9838.3	264.0	-54.9	99.9	310.7	39.1	29.7	-25.5	319.5	999.9	99.9	999.9	47.3	133.
33.8	87.0	9985.2	258.0	-55.3	99.9	312.4	44.5	32.9	-30.0	320.9	999.9	99.9	999.9	49.3	133.
34.3	88.0	10110.2	253.0	-54.5	99.9	312.8	43.7	32.0	-29.7	323.9	999.9	99.9	999.9	50.5	133.
34.8	89.0	10237.9	248.0	-55.2	99.9	311.9	42.6	31.7	-28.4	324.8	999.9	99.9	999.9	51.8	133.
35.3	90.0	10367.9	243.0	-55.2	99.9	309.0	42.1	32.7	-26.5	326.7	999.9	99.9	999.9	53.1	133.
35.8	91.0	10501.0	238.0	-54.1	99.9	304.9	40.3	33.0	-23.1	330.3	999.9	99.9	999.9	54.3	133.
36.3	92.0	10637.2	233.0	-54.2	99.9	301.0	36.6	31.4	-16.8	332.1	999.9	99.9	999.9	55.6	132.
36.8	93.0	10776.3	228.0	-54.4	99.9	296.8	32.3	28.8	-14.5	333.9	999.9	99.9	999.9	56.6	132.
37.2	94.0	10918.4	223.0	-54.2	99.9	293.9	30.5*	27.9	-12.3	336.3	999.9	99.9	999.9	57.2	132.
37.7	95.0	11034.6	219.0	-53.9	99.9	292.4	32.5*	30.0	-12.4	338.5	999.9	99.9	999.9	57.9	132.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

7 FEBRUARY 1975  
1115 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.3	96.0	11213.1	213.0	-53.6	99.5	293.0	40.2*	37.0	-15.7	341.7	999.9	99.9	999.9	59.1	131.
38.9	97.0	11335.3	209.0	-52.8	99.5	293.1	46.4*	42.7	-18.2	344.8	999.9	99.9	999.9	60.6	131.
39.4	98.0	11491.5	204.0	-53.1	99.5	292.2	45.5*	42.1	-17.2	346.7	999.9	99.9	999.9	62.4	130.
40.1	99.0	11619.0	200.0	-53.3	99.5	290.2	40.6*	38.1	-14.0	348.4	999.9	99.9	999.9	63.7	130.
40.5	100.0	11782.0	195.0	-53.6	99.9	289.7	38.8*	36.6	-13.1	350.5	999.9	99.9	999.9	65.0	129.
41.2	101.0	11948.6	190.0	-54.9	99.9	289.8	38.3*	36.0	-13.0	351.0	999.9	99.9	999.9	66.2	129.
41.7	102.0	12084.6	186.0	-55.0	99.9	290.6	40.1*	37.5	-14.1	352.9	999.9	99.9	999.9	67.3	129.
42.2	103.0	12223.6	182.0	-54.5	99.5	292.7	44.3*	40.9	-17.1	355.9	999.9	99.9	999.9	68.4	128.
42.8	104.0	12366.0	178.0	-54.5	99.5	295.3	49.3*	44.6	-25.1	358.2	999.9	99.9	999.9	70.1	128.
43.2	105.0	12511.5	174.0	-54.5	99.5	295.6	49.4*	44.5	-25.3	360.5	999.9	99.9	999.9	71.4	128.
43.8	106.0	12660.5	170.0	-54.2	99.5	292.5	42.5*	39.2	-16.2	363.4	999.9	99.9	999.9	73.2	128.
44.3	107.0	12813.2	166.0	-54.2	99.9	286.6	33.9*	32.5	-9.7	365.9	999.9	99.9	999.9	74.3	127.
45.1	108.0	12969.5	162.0	-54.5	99.9	281.7	31.2*	30.5	-6.3	367.9	999.9	99.9	999.9	75.3	127.
45.7	109.0	13089.2	159.0	-54.5	99.9	285.5	39.4*	37.9	-10.6	369.9	999.9	99.9	999.9	76.4	126.
46.3	110.0	13252.4	155.0	-54.5	99.5	287.9	41.5*	39.5	-12.7	372.6	999.9	99.9	999.9	78.2	126.
47.0	111.0	13419.5	151.0	-55.5	99.5	286.4	35.7*	34.3	-10.1	373.8	999.9	99.9	999.9	79.5	126.
47.4	112.0	13590.5	147.0	-55.7	99.5	284.4	36.4*	35.2	-9.1	376.4	999.9	99.9	999.9	80.4	126.
48.1	113.0	13721.7	144.0	-56.3	99.5	284.0	42.3*	41.0	-10.3	377.4	999.9	99.9	999.9	81.6	125.
48.5	114.0	13900.4	140.0	-57.0	99.9	284.4	44.6*	43.2	-11.1	379.3	999.9	99.9	999.9	83.2	125.
49.1	115.0	14037.2	137.0	-57.8	99.9	285.0	43.7*	42.2	-11.4	380.2	999.9	99.9	999.9	84.3	124.
49.8	116.0	14224.1	133.0	-57.8	99.9	286.5	42.9*	41.1	-12.2	383.4	999.9	99.9	999.9	86.1	124.
50.4	117.0	14367.9	130.0	-58.3	99.5	285.2	42.5*	41.1	-11.1	385.0	999.9	99.9	999.9	87.7	124.
50.9	118.0	14514.6	127.0	-58.9	99.5	283.8	42.8*	41.6	-10.2	386.7	999.9	99.9	999.9	88.8	123.
51.5	119.0	14715.2	123.0	-59.4	99.5	283.8	44.6*	43.3	-10.6	389.3	999.9	99.9	999.9	90.0	123.
52.0	120.0	14869.8	120.0	-59.5	99.5	282.4	42.4*	41.4	-9.1	391.7	999.9	99.9	999.9	91.9	123.
52.6	121.0	15028.4	117.0	-59.0	99.9	280.7	34.7*	34.1	-6.4	395.5	999.9	99.9	999.9	92.9	122.
53.2	122.0	15191.2	114.0	-59.4	99.9	282.2	30.1*	29.4	-6.4	397.8	999.9	99.9	999.9	93.9	122.
53.8	123.0	15357.6	111.0	-60.8	99.9	282.2	29.3*	28.7	-6.2	398.2	999.9	99.9	999.9	94.8	122.
54.4	124.0	15527.8	108.0	-61.5	99.5	279.4	28.8*	28.4	-4.7	400.0	999.9	99.9	999.9	95.9	122.
55.1	125.0	15702.6	105.0	-61.0	99.5	275.3	27.2*	27.1	-2.5	404.3	999.9	99.9	999.9	96.9	122.
55.9	126.0	15882.8	102.0	-61.0	99.5	273.6	26.6*	26.6	-1.7	407.6	999.9	99.9	999.9	98.0	121.
56.5	127.0	16005.6	100.0	-61.7	99.5	276.5	29.6*	29.4	-3.3	408.5	999.9	99.9	999.9	98.8	121.
57.1	128.0	16194.2	97.0	-61.9	99.9	280.3	32.3*	31.7	-5.8	411.8	999.9	99.9	999.9	99.9	121.
57.6	129.0	16388.5	94.0	-62.2	99.9	283.3	31.6*	30.8	-7.3	414.8	999.9	99.9	999.9	101.0	120.
58.2	130.0	16521.2	92.0	-62.6	99.9	285.1	30.9*	29.8	-8.0	416.6	999.9	99.9	999.9	101.9	120.
58.9	131.0	16725.3	89.0	-63.4	99.5	284.8	33.0*	31.9	-8.4	419.0	999.9	99.9	999.9	103.2	120.
59.4	132.0	16935.6	86.0	-64.1	99.5	284.0	32.9*	31.9	-8.0	421.6	999.9	99.9	999.9	104.3	120.
59.9	133.0	17079.5	84.0	-64.7	99.5	282.5	31.2*	30.5	-6.8	423.3	999.9	99.9	999.9	105.2	120.
60.5	134.0	17226.2	82.0	-65.9	99.5	280.6	30.7*	30.2	-5.7	423.8	999.9	99.9	999.9	106.1	120.
61.2	135.0	17452.4	79.0	-65.9	99.9	282.5	30.6*	29.9	-6.6	428.3	999.9	99.9	999.9	107.4	119.
62.0	136.0	17688.3	76.0	-64.5	99.9	289.9	26.2*	24.7	-6.9	436.0	999.9	99.9	999.9	108.9	119.
62.8	137.0	17851.3	74.0	-64.3	99.9	291.5	25.4*	23.6	-5.3	439.7	999.9	99.9	999.9	109.9	119.
63.7	138.0	18105.0	71.0	-63.4	99.5	292.3	27.5*	25.4	-10.4	447.0	999.9	99.9	999.9	111.4	119.
64.6	139.0	18370.7	68.0	-62.8	99.5	287.4	26.0*	24.8	-7.8	453.8	999.9	99.9	999.9	112.9	119.
65.5	140.0	18554.7	66.0	-62.6	99.5	289.0	27.8*	26.3	-9.0	458.1	999.9	99.9	999.9	114.0	119.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

7 FEBRUARY 1975  
1115 GMT

155 18. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.3	141.0	18842.1	63.0	-61.9	99.9	282.7	24.7*	24.1	-5.4	465.9	999.9	99.9	999.9	115.7	119.
67.2	142.0	19041.8	61.0	-61.7	99.9	263.7	12.9*	12.9	1.4	470.6	999.9	99.9	999.9	116.5	118.
68.2	143.0	19353.9	58.0	-62.1	99.9	250.4	9.9*	9.3	3.3	476.6	999.9	99.9	999.9	117.0	118.
69.1	144.0	19570.6	56.0	-62.6	99.9	255.5	11.1*	10.7	2.8	480.1	999.9	99.9	999.9	117.4	118.
70.1	145.0	19910.0	53.0	-62.8	99.9	274.7	14.1*	14.0	-1.2	487.3	999.9	99.9	999.9	118.1	118.
70.8	146.0	20146.8	51.0	-63.2	99.9	287.5	20.9*	19.9	-6.3	491.8	999.9	99.9	999.9	118.4	118.
71.7	147.0	20392.7	49.0	-63.4	99.9	297.3	30.4*	27.1	-14.0	497.0	999.9	99.9	999.9	119.9	118.
72.7	148.0	20780.3	46.0	-64.1	99.9	304.2	27.1*	22.4	-15.2	504.3	999.9	99.9	999.9	121.9	118.
73.7	149.0	21052.3	44.0	-64.3	99.9	289.2	12.7*	12.0	-4.2	510.2	999.9	99.9	999.9	123.0	118.
74.8	150.0	21338.1	42.0	-62.4	99.9	271.7	18.3*	18.3	-0.5	521.8	999.9	99.9	999.9	124.0	118.
75.9	151.0	21796.2	39.0	-61.9	99.9	265.4	13.8*	13.7	1.1	534.3	999.9	99.9	999.9	125.1	117.
77.1	152.0	22120.8	37.0	-63.4	99.9	265.2	16.4*	16.3	1.4	538.6	999.9	99.9	999.9	125.8	117.
78.2	153.0	22461.7	35.0	-64.1	99.9	275.0	22.9*	22.8	-2.0	545.3	999.9	99.9	999.9	126.4	117.
79.6	154.0	23011.1	32.0	-63.6	99.9	290.3	31.2*	29.3	-10.8	560.9	999.9	99.9	999.9	129.3	117.
80.9	155.0	23408.0	30.0	-62.8	99.9	258.0	17.2*	16.8	5.6	573.5	999.9	99.9	999.9	131.5	116.
82.4	156.0	23832.1	28.0	-63.7	99.9	243.5	5.5*	4.9	2.4	582.3	999.9	99.9	999.9	131.5	116.
84.0	157.0	24529.5	25.0	-62.4	99.9	268.9	11.0*	11.0	0.2	605.2	999.9	99.9	999.9	132.3	116.
85.9	158.0	25043.2	23.0	-63.2	99.9	283.4	29.3*	28.5	-6.8	617.6	999.9	99.9	999.9	133.8	116.
87.9	159.0	25902.0	20.0	-63.6	99.9	281.6	34.6*	33.9	-7.0	641.7	999.9	99.9	999.9	139.4	115.
90.1	160.0	26554.8	18.0	-59.7	99.9	999.9	99.9	99.9	99.9	673.4	999.9	99.9	999.9	999.9	999.

STATION NO. 363  
AMARILLO, TEX

5 FEBRUARY 1975  
2315 GMT

154 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.6	1095.0	889.3	-4.2	-5.3	25.0	6.2	-2.6	-5.6	278.5	286.1	2.9	92.0	0.0	0.
0.2	17.0	1133.2	885.0	-4.5	-5.7	50.7	6.9	-5.3	-4.3	278.6	286.0	2.8	91.1	0.2	221.
0.5	18.0	1222.6	875.0	-5.4	-6.0	50.7	6.9	-5.3	-4.3	278.5	285.9	2.8	95.5	0.2	221.
0.8	19.0	1312.8	865.0	-6.1	-6.4	52.8	5.9	-4.7	-3.6	278.6	285.9	2.7	97.8	0.3	225.
1.1	20.0	1403.8	855.0	-6.7	-6.9	55.7	5.2	-4.3	-3.0	278.9	286.0	2.7	99.2	0.4	227.
1.5	21.0	1504.9	844.0	-7.5	-7.5	61.0	4.8	-4.2	-2.3	279.2	286.0	2.6	99.5	0.5	230.
1.7	22.0	1597.7	834.0	-8.1	-8.1	63.2	4.9	-4.4	-2.2	279.5	286.1	2.5	99.7	0.6	231.
2.1	23.0	1681.9	825.0	-8.7	-8.7	69.4	4.7	-4.4	-1.7	279.7	286.2	2.4	99.9	0.7	234.
2.4	24.0	1776.5	815.0	-9.1	-9.1	82.8	3.5	-3.5	-0.4	280.3	286.6	2.4	99.8	0.8	236.
2.7	25.0	1862.4	806.0	-9.5	-9.6	116.4	2.4	-2.2	1.1	280.7	286.8	2.3	99.5	0.8	238.
3.1	26.0	1968.7	795.0	-9.4	-9.5	180.5	3.4	0.0	3.4	281.9	288.3	2.3	99.3	0.8	242.
3.6	27.0	2066.7	785.0	-9.1	-9.2	206.2	7.8	3.5	7.0	283.3	289.9	2.4	99.1	0.7	251.
3.9	28.0	2156.3	776.0	-7.6	-7.7	214.5	11.6	6.6	9.5	285.8	293.3	2.8	99.3	0.6	262.
4.2	29.0	2247.3	767.0	-6.6	-6.7	224.6	14.7	10.3	10.5	287.9	296.2	3.0	99.2	0.5	285.
4.5	30.0	2339.9	758.0	-5.4	-5.5	233.7	17.8	14.3	10.5	290.2	299.5	3.4	99.4	0.4	326.
4.8	31.0	2423.3	750.0	-5.1	-5.2	241.6	18.8	16.5	8.9	291.5	301.0	3.5	99.2	0.5	9.
5.0	32.0	2528.9	740.0	-5.2	-5.4	246.4	19.6	18.0	7.9	292.4	302.0	3.5	99.2	0.7	25.
5.3	33.0	2625.1	731.0	-5.4	-5.5	250.1	20.1	18.9	6.8	293.3	302.9	3.5	99.1	1.0	40.
5.5	34.0	2722.3	722.0	-6.1	-6.3	252.4	20.4	19.4	6.1	293.5	302.7	3.3	99.0	1.2	46.
5.8	35.0	2809.5	714.0	-6.6	-6.8	257.1	21.2	20.7	4.7	293.9	302.9	3.2	98.8	1.5	53.
6.4	36.0	2930.5	703.0	-8.7	-8.9	266.6	23.1	23.1	1.4	292.9	300.7	2.8	98.3	2.2	63.
6.7	37.0	3019.2	695.0	-9.2	-9.5	270.5	23.7	23.7	-0.2	293.2	300.7	2.7	98.2	2.6	67.
7.0	38.0	3120.0	686.0	-10.1	-10.5	273.8	24.2	24.2	-1.6	293.3	300.4	2.5	97.1	3.0	70.
7.4	39.0	3210.3	678.0	-10.8	-11.2	277.2	24.4	24.2	-3.0	293.4	300.3	2.4	97.0	3.6	75.
7.7	40.0	3313.0	669.0	-11.7	-12.3	278.4	24.3	24.0	-3.6	293.6	299.9	2.2	94.9	4.0	77.
8.0	41.0	3428.3	659.0	-12.4	-13.2	279.2	24.0	23.7	-3.8	294.0	300.1	2.1	93.5	4.4	80.
8.3	42.0	3521.5	651.0	-13.5	-15.0	277.7	23.7	23.5	-3.2	293.8	299.0	1.8	88.1	4.8	82.
8.6	43.0	3627.3	642.0	-14.4	-15.8	276.0	23.4	23.3	-2.4	294.0	299.0	1.7	88.6	5.2	83.
8.9	44.0	3722.4	634.0	-14.9	-16.3	273.5	23.5	23.4	-1.4	294.4	299.3	1.7	88.8	5.6	84.
9.1	45.0	3818.4	626.0	-15.6	-16.8	272.0	23.7	23.7	-0.8	294.6	299.4	1.6	90.5	5.9	84.
9.3	46.0	3915.4	618.0	-16.3	-17.2	270.7	24.1	24.1	-0.3	294.9	299.6	1.6	92.8	6.2	84.
9.5	47.0	4013.4	610.0	-17.0	-17.7	269.4	24.4	24.4	0.3	295.2	299.8	1.6	93.8	6.4	85.
9.7	48.0	4112.4	602.0	-17.9	-18.9	268.7	24.9	24.9	0.6	295.2	299.5	1.4	92.3	6.7	85.
9.9	49.0	4212.3	594.0	-18.7	-20.1	268.0	25.5	25.4	0.9	295.4	299.3	1.3	89.0	7.1	85.
10.1	50.0	4313.3	586.0	-19.3	-20.5	267.6	26.0	26.0	1.1	295.9	299.7	1.3	90.1	7.4	85.
10.3	51.0	4411.2	576.0	-20.1	-21.1	267.4	26.6	26.5	1.2	296.4	300.1	1.2	91.7	7.7	85.
10.6	52.0	4531.8	569.0	-20.9	-22.0	267.4	27.5	27.5	1.3	296.5	300.0	1.2	91.0	8.1	85.
10.8	53.0	4636.3	561.0	-21.6	-22.6	267.5	28.2	28.1	1.2	296.9	300.2	1.1	91.0	8.5	85.
11.0	54.0	4742.1	553.0	-22.2	-23.4	267.7	28.9	28.8	1.2	297.3	300.5	1.0	90.4	8.8	85.
11.4	55.0	4835.6	546.0	-23.2	-24.4	267.9	30.4	30.4	1.1	297.3	300.3	1.0	89.9	9.5	86.
11.9	56.0	4957.2	537.0	-24.0	-25.2	267.8	32.0	32.0	1.2	297.7	300.5	0.9	89.5	10.4	86.
12.5	57.0	5066.4	529.0	-25.8	-27.3	267.7	32.5	32.5	1.3	296.8	299.1	0.8	87.3	11.8	86.
13.1	58.0	5162.7	522.0	-26.6	-28.2	269.6	32.3	32.3	0.2	296.9	299.2	0.7	86.4	12.8	86.
13.7	59.0	5273.9	514.0	-28.3	-34.7	272.6	33.9	33.8	-1.5	296.1	297.4	0.4	54.3	14.0	86.
14.2	60.0	5372.3	507.0	-28.1	-35.2	274.0	36.4	36.3	-2.5	297.6	298.8	0.4	50.0	15.0	87.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 363  
AMARILLO, TEX

5 FEBRUARY 1975  
2315 GMT

154 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.6	61.0	5472.1	500.0	-28.1	-36.8	274.4	38.7	38.6	-3.0	298.8	299.9	0.3	42.7	15.9	88.
15.1	62.0	5573.3	493.0	-28.6	-38.0	274.9	40.8	40.6	-3.5	299.4	300.3	0.3	39.6	17.1	88.
15.5	63.0	5675.7	486.0	-28.7	-39.8	275.8	40.9	40.7	-4.2	300.4	301.2	0.2	33.3	18.1	88.
15.8	64.0	5779.4	479.0	-29.3	-41.3	277.1	39.4	39.0	-4.9	301.0	301.7	0.2	29.7	18.9	89.
16.1	65.0	5884.6	472.0	-29.4	-42.6	278.6	38.0	37.6	-5.7	302.1	302.7	0.2	26.3	19.7	89.
16.5	66.0	6022.0	463.0	-29.7	-44.4	281.0	36.8	36.1	-7.0	303.4	304.0	0.2	22.3	20.3	89.
16.8	67.0	6130.4	456.0	-30.7	-45.6	282.6	37.9	37.0	-8.2	303.4	303.9	0.1	21.3	21.0	90.
17.1	68.0	6224.4	450.0	-31.2	-46.3	283.7	39.4	38.3	-9.3	303.9	304.4	0.1	20.9	21.7	90.
17.5	69.0	6335.4	443.0	-31.5	-46.5	284.3	42.3	41.0	-10.4	305.0	305.4	0.1	20.9	22.7	91.
17.8	70.0	6448.0	436.0	-31.9	-47.1	284.1	44.4	43.0	-10.8	305.8	306.3	0.1	20.4	23.4	91.
18.2	71.0	6578.7	428.0	-32.6	-47.8	284.1	47.0	45.6	-11.5	306.6	307.0	0.1	19.9	24.4	92.
18.5	72.0	6694.8	421.0	-33.2	-49.1	284.4	49.0	47.4	-12.2	307.2	307.6	0.1	18.3	25.4	92.
18.9	73.0	6795.7	415.0	-32.8	-47.8	285.6	52.5	50.6	-14.1	309.0	309.4	0.1	20.4	26.4	93.
19.2	74.0	6915.4	408.0	-33.2	-48.2	286.0	55.4	53.3	-15.3	310.0	310.4	0.1	20.5	27.3	93.
19.7	75.0	7019.5	402.0	-33.4	-48.1	286.2	59.4	57.1	-16.6	311.1	311.6	0.1	21.0	29.1	94.
20.3	76.0	7125.0	396.0	-33.9	-48.3	285.6	60.6*	58.4	-16.3	311.8	312.2	0.1	21.5	31.4	95.
20.7	77.0	7249.8	389.0	-34.4	-48.4	285.2	60.7*	58.6	-16.0	312.7	313.1	0.1	22.5	32.8	95.
21.1	78.0	7358.4	383.0	-35.2	-49.1	284.9	61.6*	59.5	-15.9	313.0	313.4	0.1	22.6	34.1	96.
21.5	79.0	7468.2	377.0	-36.3	-49.3	284.7	63.3*	61.2	-16.0	313.0	313.4	0.1	24.4	35.5	96.
21.9	80.0	7579.3	371.0	-37.1	-50.0	284.6	64.5*	62.4	-16.3	313.4	313.7	0.1	24.5	37.3	97.
22.3	81.0	7710.7	364.0	-38.1	-50.8	284.8	63.8*	61.7	-16.3	313.8	314.2	0.1	24.5	38.6	97.
22.7	82.0	7824.9	358.0	-39.1	99.9	285.0	61.2*	59.1	-15.8	313.9	999.9	99.9	999.9	40.3	97.
23.1	83.0	7940.5	352.0	-40.1	99.9	284.8	59.0*	57.1	-15.1	314.2	999.9	99.9	999.9	42.2	97.
23.5	84.0	8057.6	346.0	-41.1	99.9	283.9	61.3*	59.5	-14.7	314.4	999.9	99.9	999.9	42.5	98.
23.9	85.0	8176.3	340.0	-41.9	99.9	282.9	67.7*	66.0	-15.1	314.8	999.9	99.9	999.9	44.0	98.
24.5	86.0	8316.8	333.0	-43.2	99.9	283.2	60.6*	59.0	-13.8	315.0	999.9	99.9	999.9	48.2	98.
24.9	87.0	8418.5	328.0	-44.1	99.9	284.6	46.2*	44.8	-11.6	315.0	999.9	99.9	999.9	48.9	98.
25.3	88.0	8542.1	322.0	-45.1	99.9	284.4	45.5*	44.0	-11.3	315.3	999.9	99.9	999.9	48.9	98.
25.7	89.0	8646.5	317.0	-45.9	99.9	283.2	56.6*	55.1	-12.9	315.7	999.9	99.9	999.9	49.6	99.
26.2	90.0	8773.4	311.0	-46.7	99.9	282.5	72.3*	70.6	-15.7	316.2	999.9	99.9	999.9	52.1	99.
26.6	91.0	8880.8	306.0	-47.5	99.9	283.0	70.4*	68.6	-15.8	316.7	999.9	99.9	999.9	54.7	99.
27.1	92.0	9011.5	300.0	-48.2	99.9	284.6	49.0*	47.4	-12.3	317.4	999.9	99.9	999.9	57.0	99.
27.5	93.0	9122.0	295.0	-48.9	99.9	285.3	35.7*	34.4	-9.4	317.9	999.9	99.9	999.9	56.7	99.
27.9	94.0	9234.0	290.0	-50.1	99.9	283.2	45.7*	44.5	-10.5	317.8	999.9	99.9	999.9	57.4	99.
28.4	95.0	9347.4	285.0	-50.7	99.9	282.2	69.3*	67.8	-14.7	318.5	999.9	99.9	999.9	58.9	99.
28.8	96.0	9509.1	278.0	-51.5	99.9	282.4	82.1*	80.2	-17.6	319.6	999.9	99.9	999.9	61.3	99.
29.2	97.0	9626.8	273.0	-52.3	99.9	282.9	84.0*	81.9	-18.7	320.2	999.9	99.9	999.9	63.8	99.
29.6	98.0	9746.1	268.0	-53.2	99.9	283.4	76.8*	74.7	-17.8	320.5	999.9	99.9	999.9	65.9	100.
29.9	99.0	9867.3	263.0	-53.6	99.9	283.5	69.2*	67.2	-16.2	321.8	999.9	99.9	999.9	67.2	100.
30.4	100.0	9990.6	258.0	-54.2	99.9	283.1	59.2*	57.6	-13.4	322.6	999.9	99.9	999.9	68.4	100.
30.8	101.0	10115.9	253.0	-54.8	99.9	282.8	49.4*	48.2	-10.9	323.4	999.9	99.9	999.9	70.4	100.
31.2	102.0	10243.6	248.0	-54.7	99.9	282.4	40.8*	39.8	-8.8	325.5	999.9	99.9	999.9	71.7	100.
31.6	103.0	10374.2	243.0	-53.9	99.9	281.8	38.5*	37.7	-7.8	328.6	999.9	99.9	999.9	71.8	100.
32.2	104.0	10507.8	238.0	-53.7	99.9	280.3	55.8*	54.9	-10.0	330.8	999.9	99.9	999.9	72.9	100.
32.7	105.0	10616.7	234.0	-53.7	99.9	280.0	63.6*	62.7	-11.1	332.5	999.9	99.9	999.9	75.8	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 7 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

5 FEBRUARY 1975  
2315 GMT

154 21. 0

TIME MIN	CNCT MIN	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.2	106.0	10755.7	229.0	-53.2	99.9	280.5	53.3*	52.4	-9.7	335.2	999.9	99.9	999.9	77.9	100.
33.8	107.0	10869.6	225.0	-51.5	99.9	283.9	39.9*	38.7	-9.6	339.6	999.9	99.9	999.9	78.9	100.
34.4	108.0	11015.8	220.0	-50.6	99.9	288.0	44.1*	41.9	-13.7	343.2	999.9	99.9	999.9	80.0	100.
34.9	109.0	11135.3	216.0	-51.2	99.9	287.5	54.0*	51.5	-16.2	344.0	999.9	99.9	999.9	81.9	100.
35.4	110.0	11287.3	211.0	-52.0	99.9	284.9	67.3*	65.0	-17.3	345.1	999.9	99.9	999.9	83.2	100.
35.9	111.0	11442.2	206.0	-53.1	99.9	283.5	83.3*	81.0	-19.4	345.8	999.9	99.9	999.9	85.3	100.
36.4	112.0	11568.5	202.0	-53.4	99.9	283.3	92.5*	90.0	-21.3	347.2	999.9	99.9	999.9	88.7	100.
36.8	113.0	11729.8	197.0	-53.7	99.9	283.3	90.8**	88.4	-20.9	349.2	999.9	99.9	999.9	91.0	101.
37.3	114.0	11861.4	193.0	-54.4	99.9	283.4	82.4**	80.1	-19.0	350.3	999.9	99.9	999.9	93.5	101.
37.8	115.0	11995.5	189.0	-54.7	99.9	283.9	71.0**	69.0	-17.0	351.8	999.9	99.9	999.9	96.0	101.
38.4	116.0	12167.2	184.0	-54.5	99.9	285.5	53.6**	51.7	-14.3	354.8	999.9	99.9	999.9	98.0	101.
39.0	117.0	12308.0	180.0	-54.4	99.9	291.4	27.7**	25.8	-10.1	357.3	999.9	99.9	999.9	100.6	101.
39.6	118.0	12451.7	176.0	-55.2	99.9	319.9	9.0**	5.8	-6.9	358.3	999.9	99.9	999.9	100.0	101.
40.1	119.0	12561.4	173.0	-55.5	99.9	328.4	8.0**	4.2	-6.8	359.5	999.9	99.9	999.9	99.8	101.
40.7	120.0	12710.6	169.0	-55.3	99.9	303.8	15.1**	12.6	-8.4	362.2	999.9	99.9	999.9	100.5	101.
41.2	121.0	12863.5	165.0	-55.2	99.9	294.7	23.1*	21.0	-9.7	365.0	999.9	99.9	999.9	100.7	101.
41.8	122.0	13020.2	161.0	-55.2	99.9	288.2	31.4*	29.8	-9.8	367.5	999.9	99.9	999.9	102.0	101.
42.4	123.0	13140.5	158.0	-54.5	99.9	283.7	34.3*	33.4	-8.1	370.6	999.9	99.9	999.9	103.1	101.
42.8	124.0	13304.9	154.0	-54.0	99.9	281.1	31.1*	30.6	-6.0	374.2	999.9	99.9	999.9	104.1	102.
43.4	125.0	13431.1	151.0	-54.0	99.9	275.0	22.2*	22.2	-1.9	376.3	999.9	99.9	999.9	105.4	101.
44.1	126.0	13646.9	146.0	-54.8	99.9	271.3	21.3*	21.3	-0.5	378.5	999.9	99.9	999.9	105.5	101.
44.7	127.0	13779.6	143.0	-54.8	99.9	276.0	29.8*	29.7	-3.1	380.8	999.9	99.9	999.9	106.6	101.
45.2	128.0	13915.2	140.0	-54.7	99.9	276.8	33.9*	33.7	-4.0	383.4	999.9	99.9	999.9	107.7	101.
45.8	129.0	14100.6	136.0	-55.0	99.9	274.2	30.1*	30.1	-2.2	386.0	999.9	99.9	999.9	109.0	101.
46.4	130.0	14242.9	133.0	-55.7	99.9	272.0	21.0*	21.0	-0.7	387.3	999.9	99.9	999.9	110.2	101.
47.1	131.0	14437.7	129.0	-55.2	99.9	275.3	22.2*	22.1	-2.0	391.6	999.9	99.9	999.9	110.2	101.
47.6	132.0	14587.6	126.0	-56.2	99.9	276.2	30.6*	30.4	-3.3	392.4	999.9	99.9	999.9	111.3	101.
48.1	133.0	14740.5	123.0	-56.8	99.9	275.6	36.5*	36.3	-3.6	393.9	999.9	99.9	999.9	112.5	101.
48.7	134.0	14897.2	120.0	-56.3	99.9	275.1	43.3*	43.1	-3.8	397.6	999.9	99.9	999.9	113.8	101.
49.2	135.0	15057.8	117.0	-56.7	99.9	275.7	56.3*	56.1	-5.6	399.9	999.9	99.9	999.9	114.9	101.
49.9	136.0	15278.0	113.0	-57.5	99.9	276.7	79.8*	79.3	-9.4	402.3	999.9	99.9	999.9	117.9	101.
50.6	137.0	15504.9	109.0	-58.9	99.9	277.6	77.7*	77.1	-10.3	403.9	999.9	99.9	999.9	121.9	101.
51.3	138.0	15680.2	106.0	-58.7	99.9	279.5	58.4**	57.6	-9.7	407.5	999.9	99.9	999.9	124.7	101.
52.1	139.0	15860.5	103.0	-58.7	99.9	280.6	58.6**	57.6	-10.8	410.8	999.9	99.9	999.9	126.6	101.
52.7	140.0	16109.1	99.0	-59.1	99.9	280.6	53.9**	53.0	-9.9	414.8	999.9	99.9	999.9	129.7	101.
53.5	141.0	16301.9	96.0	-59.4	99.9	280.6	37.2**	36.6	-6.8	417.8	999.9	99.9	999.9	131.4	101.
54.3	142.0	16500.1	93.0	-60.8	99.9	280.0	28.3**	27.9	-4.9	418.8	999.9	99.9	999.9	133.1	101.
54.9	143.0	16703.7	90.0	-61.4	99.9	222.3	2.5**	1.7	1.9	421.7	999.9	99.9	999.9	134.6	101.
55.7	144.0	16915.2	87.0	-59.1	99.9	110.0	47.7**	-44.9	16.3	430.5	999.9	99.9	999.9	132.9	101.
56.5	145.0	17134.9	84.0	-59.8	99.9	118.5	38.8**	-34.1	18.6	433.4	999.9	99.9	999.9	128.9	100.
57.1	146.0	17361.9	81.0	-60.3	99.9	177.2	12.6*	-0.6	12.6	436.8	999.9	99.9	999.9	128.9	100.
57.8	147.0	17597.8	78.0	-59.2	99.9	251.1	18.7*	17.7	6.1	443.8	999.9	99.9	999.9	129.6	100.
58.6	148.0	17843.0	75.0	-60.3	99.9	270.6	31.1*	31.1	-0.3	446.5	999.9	99.9	999.9	130.8	100.
59.4	149.0	18097.5	72.0	-60.3	99.9	275.3	38.5*	38.3	-3.6	451.8	999.9	99.9	999.9	132.6	100.
60.2	150.0	18362.3	69.0	-61.2	99.9	278.6	39.2*	38.7	-5.8	455.4	999.9	99.9	999.9	134.5	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

5 FEBRUARY 1975  
2315 GMT

154 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.0	151.0	18637.3	66.0	-62.7	99.9	282.0	35.4*	34.7	-7.4	458.0	999.9	99.9	999.9	136.5	100.
61.8	152.0	18827.1	64.0	-62.5	99.9	288.0	31.3*	29.8	-9.7	462.4	999.9	99.9	999.9	137.9	100.
62.8	153.0	19123.9	61.0	-61.7	99.9	16.9	2.4*	-0.7	-2.3	470.5	999.9	99.9	999.9	140.0	100.
63.8	154.0	19436.2	58.0	-61.7	99.9	99.0	17.8*	-17.6	2.8	477.3	999.9	99.9	999.9	137.5	100.
64.8	155.0	19652.5	56.0	-63.6	99.9	292.9	9.0*	8.3	-3.5	477.8	999.9	99.9	999.9	137.5	100.
65.8	156.0	19992.5	53.0	-61.0	99.9	284.6	32.3*	31.3	-8.1	491.5	999.9	99.9	999.9	139.1	100.
66.9	157.0	20354.5	50.0	-60.6	99.9	284.4	33.7*	32.8	-3.4	500.6	999.9	99.9	999.9	141.5	100.
67.9	158.0	20608.0	48.0	-62.3	99.9	278.9	34.7*	34.3	-5.4	502.5	999.9	99.9	999.9	143.3	100.
68.9	159.0	21005.4	45.0	-63.6	99.9	271.3	17.7*	17.7	-0.4	508.7	999.9	99.9	999.9	145.8	100.
70.2	160.0	21285.1	42.0	-62.5	99.9	275.6	11.1*	11.0	-1.1	518.1	999.9	99.9	999.9	146.1	100.
71.5	161.0	21731.6	40.0	-62.3	99.9	108.2	20.1*	-19.1	6.3	529.4	999.9	99.9	999.9	147.3	100.
72.7	162.0	22048.7	38.0	-61.9	99.9	267.3	9.9*	9.9	0.5	538.2	999.9	99.9	999.9	144.4	100.
73.9	163.0	22555.2	35.0	-63.8	99.9	291.6	17.3*	16.1	-6.4	546.1	999.9	99.9	999.9	147.4	100.
75.6	164.0	22915.0	33.0	-65.0	99.9	299.6	23.6*	20.5	-11.6	552.2	999.9	99.9	999.9	148.1	100.
77.2	165.0	23296.4	31.0	-64.8	99.9	282.1	32.7*	32.0	-6.8	562.7	999.9	99.9	999.9	150.6	100.
78.8	166.0	23918.4	28.0	-64.2	99.9	280.2	19.7*	19.4	-3.5	581.0	999.9	99.9	999.9	154.2	100.
80.8	167.0	24370.1	26.0	-66.0	99.9	311.0	5.5*	4.2	-3.6	588.3	999.9	99.9	999.9	152.9	100.
82.7	168.0	25117.9	23.0	-63.8	99.9	63.8	7.6	-6.8	-3.3	615.7	999.9	99.9	999.9	155.8	100.
84.8	169.0	25678.7	21.0	-61.6	99.9	999.9	99.9	99.9	99.9	638.8	999.9	99.9	999.9	999.9	999.

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
600 GMT

145 10. 0

TIME MIN	CNTCT	HFIGHT GPM	FRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.8	1095.0	897.0	-12.2	-13.8	350.0	4.1	0.7	-4.0	269.4	273.2	1.5	88.0	0.0	0.
0.1	15.0	1112.1	895.0	-10.9	-12.3	354.1	11.4	1.2	-11.3	270.9	275.3	1.7	89.3	0.2	167.
0.5	16.0	1215.8	883.0	-11.7	-12.9	354.1	11.4	1.2	-11.3	271.1	275.3	1.6	90.7	0.2	167.
0.8	17.0	1311.7	872.0	-12.4	-13.0	357.2	11.8	0.6	-11.8	271.3	275.6	1.6	95.1	0.4	171.
1.1	18.0	1408.6	861.0	-13.1	-13.7	359.4	12.2	0.1	-12.2	271.6	275.7	1.5	95.3	0.6	173.
1.4	19.0	1497.6	851.0	-13.4	-14.8	0.2	12.3	-0.0	-12.3	272.2	276.0	1.4	89.3	0.8	176.
1.7	20.0	1587.8	841.0	-12.7	-14.6	358.4	12.2	0.4	-12.2	273.8	277.8	1.5	85.6	1.1	177.
2.1	21.0	1706.8	828.0	-12.1	-14.2	354.3	12.1	1.2	-12.0	275.7	279.8	1.5	84.3	1.3	177.
2.4	22.0	1790.4	819.0	-12.8	-14.9	351.8	12.1	1.7	-12.0	275.8	279.8	1.5	84.8	1.6	176.
2.7	23.0	1903.0	807.0	-13.0	-14.5	350.4	12.4	2.1	-12.2	276.8	280.9	1.5	87.6	1.8	175.
3.1	24.0	1988.5	798.0	-13.3	-15.0	349.0	13.3	2.6	-13.1	277.4	281.5	1.5	86.9	2.1	175.
3.4	25.0	2084.6	788.0	-13.1	-15.3	347.8	14.9	3.2	-14.5	278.5	282.4	1.4	80.1	2.3	174.
3.8	26.0	2201.6	776.0	-12.7	-16.1	342.4	16.3	4.9	-15.6	280.2	284.1	1.4	75.9	2.7	173.
4.1	27.0	2300.8	766.0	-11.9	-15.5	337.6	17.0	6.5	-15.7	282.2	286.3	1.5	74.4	3.0	172.
4.4	28.0	2401.6	756.0	-11.6	-15.6	332.3	16.9	7.8	-14.9	283.5	287.7	1.5	72.1	3.3	170.
4.8	29.0	2493.4	747.0	-11.3	-16.3	327.1	18.0	9.8	-15.1	284.8	288.8	1.4	66.1	3.7	168.
5.1	30.0	2597.0	737.0	-11.0	-15.4	323.7	19.4	11.5	-15.6	286.2	290.7	1.6	70.1	4.0	166.
5.4	31.0	2701.9	727.0	-11.4	-15.5	320.0	21.4	13.7	-16.4	286.9	291.3	1.6	71.7	4.3	164.
5.7	32.0	2797.4	718.0	-11.6	-15.3	317.0	22.4	15.3	-16.3	287.8	292.4	1.6	73.9	4.7	162.
6.1	33.0	2904.9	708.0	-12.0	-15.4	314.9	22.8	16.2	-15.1	288.4	293.1	1.6	75.8	5.2	159.
6.4	34.0	2991.8	700.0	-12.8	-16.0	316.9	22.5	15.4	-15.5	288.4	292.9	1.6	77.2	5.6	157.
6.7	35.0	3101.5	690.0	-13.4	-16.8	318.6	21.3	14.1	-15.9	289.0	293.3	1.5	75.8	6.0	156.
7.1	36.0	3235.0	678.0	-13.6	-17.1	320.6	19.1	12.2	-14.8	290.3	294.5	1.5	74.5	6.4	155.
7.5	37.0	3336.6	669.0	-14.1	-18.9	322.2	17.7	10.9	-14.0	290.7	294.5	1.3	66.8	6.8	154.
7.9	38.0	3439.4	660.0	-14.4	-20.4	322.7	17.2	10.4	-13.7	291.5	294.9	1.1	60.0	7.2	154.
8.2	39.0	3531.7	652.0	-15.5	-21.7	322.5	17.1	10.4	-13.5	291.3	294.3	1.0	58.9	7.5	153.
8.6	40.0	3624.8	644.0	-15.9	-22.6	321.6	17.1	10.6	-13.4	291.8	294.7	1.0	56.0	7.9	153.
9.1	41.0	3766.4	632.0	-16.9	-24.4	320.1	16.9	10.9	-13.0	292.3	294.8	0.8	51.7	8.4	152.
9.5	42.0	3874.0	623.0	-17.1	-25.2	318.8	16.6	10.9	-12.5	293.2	295.6	0.8	49.2	8.8	151.
9.8	43.0	3970.8	615.0	-18.2	-26.3	318.0	16.5	11.0	-12.3	293.0	295.2	0.7	49.1	9.1	151.
10.2	44.0	4080.8	606.0	-18.8	-26.3	316.9	16.7	11.4	-12.2	293.6	295.8	0.7	49.2	9.5	150.
10.6	45.0	4192.1	597.0	-19.9	-28.5	315.7	17.4	12.1	-12.4	293.6	295.5	0.6	46.1	9.9	150.
10.9	46.0	4292.1	589.0	-20.4	-30.2	314.7	18.1	12.8	-12.7	294.1	295.7	0.5	41.0	10.2	150.
11.2	47.0	4393.2	581.0	-21.2	-33.0	313.8	18.4	13.3	-12.8	294.3	295.6	0.4	33.4	10.5	149.
11.6	48.0	4508.2	572.0	-22.3	-33.8	312.8	18.4	13.5	-12.5	294.3	295.5	0.4	34.0	11.0	148.
12.0	49.0	4611.6	564.0	-22.8	-34.2	312.0	17.5	13.0	-11.7	294.9	296.1	0.4	34.3	11.4	148.
12.4	50.0	4729.3	555.0	-23.9	-35.2	311.1	16.2	12.2	-10.7	295.0	296.1	0.3	34.3	11.8	147.
12.9	51.0	4848.6	546.0	-24.5	-35.3	308.6	14.9	11.7	-9.3	295.6	296.6	0.3	34.3	12.2	147.
13.4	52.0	4969.5	537.0	-25.1	-37.3	305.1	14.9	12.1	-9.6	296.3	297.3	0.3	30.8	12.6	146.
13.8	53.0	5078.5	529.0	-25.6	-39.5	302.7	16.1	13.5	-9.7	297.0	297.7	0.2	25.7	12.9	145.
14.2	54.0	5188.8	521.0	-26.5	-41.0	300.8	18.1	15.5	-9.2	297.1	297.8	0.2	24.0	13.3	145.
14.5	55.0	5300.3	513.0	-27.5	-42.7	299.7	19.9	17.3	-9.8	297.3	297.9	0.2	21.6	13.6	144.
14.9	56.0	5441.9	503.0	-27.7	-43.4	298.3	22.6	19.9	-10.7	298.7	299.2	0.2	20.6	14.0	143.
15.3	57.0	5557.1	495.0	-28.0	-43.5	297.2	25.8	23.0	-11.8	299.7	300.3	0.2	20.6	14.6	142.
15.7	58.0	5659.3	488.0	-28.5	-44.3	296.7	29.8	26.6	-13.4	300.3	300.8	0.1	19.1	15.2	141.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
600 GMT

145 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RFD GM/KG	RH PCT	RANGE KM	AZ DG
16.0	59.0	5777.7	480.0	-28.8	-45.3	296.6	33.2	29.7	-14.9	301.4	301.8	0.1	17.4	15.6	140.
16.4	60.0	5883.0	473.0	-27.9	-45.7	297.2	39.1	34.8	-17.9	303.8	304.3	0.1	16.2	16.4	139.
16.8	61.0	5990.2	466.0	-27.7	-45.9	297.8	45.1	39.9	-21.0	305.3	305.7	0.1	15.6	17.4	138.
17.2	62.0	6114.7	458.0	-27.6	-45.5	298.0	50.2	44.3	-23.6	307.0	307.4	0.1	16.1	18.5	137.
17.5	63.0	6225.5	451.0	-27.6	-45.2	297.9	53.4	47.2	-25.0	308.3	308.8	0.1	16.7	19.4	136.
17.9	64.0	6354.2	443.0	-27.7	-44.1	297.1	55.9	49.7	-25.5	309.7	310.3	0.2	19.0	20.7	135.
18.4	65.0	6468.7	436.0	-27.7	-42.3	295.7	58.1	52.4	-25.2	311.1	311.8	0.2	22.8	22.3	133.
18.9	66.0	6618.5	427.0	-28.1	-41.7	293.6	59.9	54.9	-24.0	312.5	313.3	0.2	25.8	24.0	132.
19.4	67.0	6737.0	420.0	-28.9	-41.1	291.0	61.6	57.5	-22.1	313.0	313.8	0.2	29.7	25.8	131.
19.8	68.0	6857.1	413.0	-29.5	-40.5	289.4	63.3	59.7	-21.0	313.8	314.7	0.3	33.0	27.1	129.
20.2	69.0	6978.9	406.0	-30.4	-40.2	288.4	65.0	61.7	-20.5	314.1	315.1	0.3	37.2	28.6	128.
20.7	70.0	7102.3	399.0	-31.5	-40.9	288.0	66.6*	63.3	-20.5	314.3	315.2	0.3	38.3	30.5	127.
21.2	71.0	7245.4	391.0	-32.7	-42.0	288.0	67.6*	64.2	-20.9	314.5	315.4	0.2	38.4	32.4	126.
21.5	72.0	7354.1	385.0	-33.5	-42.4	288.2	68.1*	64.7	-21.3	314.9	315.7	0.2	39.7	33.3	125.
21.9	73.0	7482.7	378.0	-34.7	-42.7	288.2	68.0*	64.6	-21.2	314.9	315.7	0.2	42.3	35.3	124.
22.2	74.0	7612.5	371.0	-36.0	-44.3	287.8	67.0*	63.8	-20.5	314.8	315.6	0.2	43.1	36.4	124.
22.6	75.0	7744.9	364.0	-37.2	-45.1	287.0	64.8*	62.0	-18.9	314.9	315.6	0.2	43.2	37.7	123.
23.0	76.0	7859.5	358.0	-38.3	-46.1	286.1	61.8*	59.4	-17.2	315.0	315.6	0.2	43.3	39.6	123.
23.4	77.0	7995.1	351.0	-39.1	-46.5	286.9	62.2*	59.5	-18.1	315.6	316.2	0.2	45.2	40.7	122.
23.7	78.0	8093.2	346.0	-40.2	99.4	288.0	64.4*	61.2	-19.9	315.5	999.9	99.9	999.9	41.5	122.
24.2	79.0	8232.3	339.0	-41.4	99.4	289.7	67.0*	63.1	-23.5	315.9	999.9	99.9	999.9	43.6	121.
24.6	80.0	8353.2	333.0	-42.5	99.4	290.2	64.9*	60.9	-22.4	315.9	999.9	99.9	999.9	45.9	121.
25.1	81.0	8517.1	325.0	-43.9	99.9	290.5	60.3*	56.5	-21.1	316.2	999.9	99.9	999.9	47.2	120.
25.5	82.0	8641.9	319.0	-45.0	99.9	291.8	64.7*	60.0	-24.0	316.3	999.9	99.9	999.9	48.4	120.
26.0	83.0	8768.5	313.0	-46.1	99.9	292.7	71.0*	65.5	-27.4	316.6	999.9	99.9	999.9	50.5	120.
26.5	84.0	8896.9	307.0	-47.1	99.9	292.8	68.0*	62.7	-26.3	316.9	999.9	99.9	999.9	53.2	119.
26.9	85.0	9005.3	302.0	-48.4	99.9	292.6	62.0*	57.2	-23.8	316.5	999.9	99.9	999.9	54.4	119.
27.6	86.0	9159.2	295.0	-49.8	99.9	292.9	61.9*	57.1	-21.1	316.7	999.9	99.9	999.9	56.5	119.
28.2	87.0	9293.5	289.0	-50.4	99.9	293.1	66.8*	61.4	-26.3	317.7	999.9	99.9	999.9	59.1	119.
28.8	88.0	9407.1	284.0	-51.3	99.9	292.3	68.1*	63.0	-25.8	318.0	999.9	99.9	999.9	61.4	119.
29.2	89.0	9545.9	278.0	-51.3	99.9	291.3	68.5*	63.8	-24.9	319.9	999.9	99.9	999.9	63.2	118.
29.8	90.0	9687.5	272.0	-51.8	99.9	290.1	69.9*	65.7	-24.1	321.2	999.9	99.9	999.9	65.3	118.
30.2	91.0	9807.6	267.0	-52.6	99.9	289.1	67.4*	63.7	-22.1	321.8	999.9	99.9	999.9	67.2	118.
30.8	92.0	9954.4	261.0	-52.6	99.9	287.4	57.7*	55.0	-17.3	323.9	999.9	99.9	999.9	69.9	117.
31.3	93.0	10079.2	256.0	-53.2	99.9	289.4	60.0*	56.6	-20.0	324.2	999.9	99.9	999.9	70.8	117.
31.9	94.0	10205.9	251.0	-54.7	99.9	292.8	79.5*	73.3	-30.8	324.4	999.9	99.9	999.9	72.6	117.
32.4	95.0	10334.6	246.0	-55.0	99.9	292.0	85.0*	78.9	-31.8	325.2	999.9	99.9	999.9	77.2	117.
33.0	96.0	10518.6	239.0	-56.0	99.9	288.0	74.3*	70.7	-23.0	327.0	999.9	99.9	999.9	78.3	117.
33.5	97.0	10653.1	234.0	-55.8	99.9	285.8	63.5*	61.1	-17.2	329.3	999.9	99.9	999.9	81.7	116.
33.8	98.0	10762.9	230.0	-55.8	99.9	286.3	56.8*	54.3	-13.8	330.9	999.9	99.9	999.9	82.5	116.
34.3	99.0	10903.1	225.0	-54.8	99.9	288.7	45.9*	43.5	-11.7	334.5	999.9	99.9	999.9	83.7	116.
34.8	100.0	11046.9	220.0	-54.7	99.9	292.4	36.9*	34.1	-11.0	336.9	999.9	99.9	999.9	84.9	116.
35.3	101.0	11223.9	214.0	-54.7	99.9	294.9	28.2*	25.6	-11.9	339.6	999.9	99.9	999.9	86.2	116.
35.9	102.0	11375.2	209.0	-54.7	99.9	295.6	22.7*	20.5	-9.8	341.9	999.9	99.9	999.9	86.5	116.
36.4	103.0	11498.7	205.0	-55.0	99.9	294.6	27.0*	24.5	-11.2	343.3	999.9	99.9	999.9	87.3	116.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
600 GMT

145 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.0	104.0	11656.3	200.0	-55.5	99.9	293.2	34.2*	31.5	-13.5	344.9	999.9	99.9	999.9	88.5	116.
37.5	105.0	11785.1	196.0	-55.7	99.9	293.2	37.5*	34.5	-11.8	346.6	999.9	99.9	999.9	89.5	116.
38.0	106.0	11949.5	191.0	-56.2	99.9	293.7	42.8*	39.2	-17.2	348.4	999.9	99.9	999.9	90.8	116.
38.6	107.0	12084.1	187.0	-56.0	99.9	293.8	52.0*	47.5	-21.0	350.8	999.9	99.9	999.9	92.1	116.
39.1	108.0	12221.5	183.0	-56.3	99.9	294.2	55.2*	50.4	-22.6	352.4	999.9	99.9	999.9	94.4	116.
39.5	109.0	12397.5	178.0	-56.3	99.9	294.8	54.8*	49.6	-22.9	355.2	999.9	99.9	999.9	95.7	116.
40.2	110.0	12578.3	173.0	-56.5	99.9	293.6	64.3**	59.0	-23.7	357.8	999.9	99.9	999.9	97.6	116.
41.0	111.0	12726.8	169.0	-56.5	99.9	290.4	83.8**	78.5	-27.1	360.3	999.9	99.9	999.9	101.1	116.
41.5	112.0	12917.3	164.0	-56.7	99.9	289.3	89.9**	84.8	-29.7	363.1	999.9	99.9	999.9	104.1	116.
42.1	113.0	13073.6	160.0	-56.7	99.9	290.3	95.2**	89.3	-33.1	365.6	999.9	99.9	999.9	107.3	115.
42.6	114.0	13193.8	157.0	-56.8	99.9	292.4	106.1**	98.2	-40.4	367.3	999.9	99.9	999.9	110.0	115.
43.1	115.0	13357.4	153.0	-56.8	99.9	294.6	120.8**	109.9	-50.2	370.1	999.9	99.9	999.9	113.3	115.
43.8	116.0	13568.0	148.0	-56.7	99.9	296.7	126.6**	113.1	-53.9	373.9	999.9	99.9	999.9	119.0	115.
44.4	117.0	13741.9	144.0	-56.2	99.9	296.9	107.9**	96.2	-43.8	377.7	999.9	99.9	999.9	124.4	115.
45.0	118.0	13921.0	140.0	-56.0	99.9	294.1	69.7**	63.6	-28.4	381.1	999.9	99.9	999.9	126.7	115.
45.7	119.0	14058.7	137.0	-56.5	99.9	272.2	23.1**	23.1	-0.9	382.5	999.9	99.9	999.9	129.4	115.
46.3	120.0	14246.6	133.0	-56.8	99.9	243.6	14.9**	13.4	6.6	385.2	999.9	99.9	999.9	128.4	115.
46.9	121.0	14390.8	130.0	-57.9	99.9	282.1	32.9**	32.1	-6.9	385.9	999.9	99.9	999.9	129.0	115.
47.6	122.0	14587.7	126.0	-58.2	99.9	296.9	55.7**	49.7	-20.2	388.7	999.9	99.9	999.9	131.0	115.
48.2	123.0	14739.4	123.0	-58.2	99.9	304.0	44.3**	36.7	-24.8	391.4	999.9	99.9	999.9	134.1	115.
48.8	124.0	14894.9	120.0	-58.2	99.9	323.4	18.0**	10.7	-14.4	394.2	999.9	99.9	999.9	134.2	115.
49.4	125.0	15054.4	117.0	-57.9	99.9	105.0	30.2**	-29.2	7.8	397.7	999.9	99.9	999.9	136.4	115.
50.2	126.0	15273.6	113.0	-58.0	99.9	119.6	88.0**	-76.5	47.5	401.3	999.9	99.9	999.9	131.1	115.
50.8	127.0	15500.7	109.0	-58.0	99.9	125.4	81.9**	-66.7	47.5	405.5	999.9	99.9	999.9	127.2	115.
51.3	128.0	15676.5	106.0	-58.2	99.9	132.0	60.7**	-45.1	43.6	408.4	999.9	99.9	999.9	125.3	115.
52.0	129.0	15857.0	103.0	-58.7	99.9	137.8	45.8**	-30.7	34.0	410.8	999.9	99.9	999.9	124.4	114.
52.7	130.0	16042.1	100.0	-60.0	99.9	137.2	39.3*	-26.7	23.8	411.8	999.9	99.9	999.9	121.8	114.
53.5	131.0	16296.8	96.0	-60.4	99.9	143.9	23.3*	-13.7	18.8	416.0	999.9	99.9	999.9	121.1	114.
54.1	132.0	16427.6	94.0	-61.6	99.9	242.1	9.2*	8.1	4.3	415.9	999.9	99.9	999.9	119.3	113.
54.7	133.0	16628.9	91.0	-60.9	99.9	285.3	25.2*	24.3	-6.7	421.3	999.9	99.9	999.9	121.4	113.
55.2	134.0	16817.4	88.0	-60.7	99.9	287.6	30.6*	29.2	-9.2	425.7	999.9	99.9	999.9	121.8	113.
55.9	135.0	17052.9	85.0	-61.5	99.9	283.5	33.1*	32.2	-1.7	428.5	999.9	99.9	999.9	123.4	113.
56.8	136.0	17275.3	82.0	-62.2	99.9	278.0	37.8*	37.4	-5.3	431.4	999.9	99.9	999.9	125.1	113.
57.5	137.0	17505.0	79.0	-63.4	99.9	276.9	44.4*	44.1	-5.3	433.6	999.9	99.9	999.9	126.7	113.
58.2	138.0	17823.4	75.0	-64.5	99.9	277.3	41.7*	41.4	-5.3	437.6	999.9	99.9	999.9	128.8	113.
59.2	139.0	18075.7	72.0	-59.8	99.9	284.0	32.8*	31.9	-7.9	452.8	999.9	99.9	999.9	130.8	112.
60.2	140.0	18343.5	69.0	-56.8	99.9	292.0	34.7*	32.2	-13.0	464.7	999.9	99.9	999.9	132.7	112.
61.1	141.0	18624.1	66.0	-58.4	99.9	293.7	39.7*	36.4	-13.9	467.3	999.9	99.9	999.9	134.7	112.
61.9	142.0	18915.5	63.0	-60.2	99.9	298.5	43.1*	37.9	-27.6	469.6	999.9	99.9	999.9	136.7	112.
62.7	143.0	19217.6	60.0	-63.4	99.9	297.9	42.1*	37.2	-19.7	469.1	999.9	99.9	999.9	138.8	113.
63.6	144.0	19531.2	57.0	-65.5	99.9	290.7	34.9*	32.6	-12.3	471.1	999.9	99.9	999.9	141.0	113.
64.7	145.0	19860.0	54.0	-65.5	99.9	282.0	11.3*	11.1	-2.4	478.4	999.9	99.9	999.9	142.6	113.
65.9	146.0	20209.6	51.0	-63.2	99.9	292.2	8.4*	7.7	-3.1	491.9	999.9	99.9	999.9	142.6	113.
66.9	147.0	20456.2	49.0	-62.2	99.9	291.6	13.1*	12.2	-4.8	499.8	999.9	99.9	999.9	144.0	113.
68.1	148.0	20846.6	46.0	-62.2	99.9	286.7	26.8*	25.6	-7.7	508.9	999.9	99.9	999.9	144.9	112.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
600 GMT

145 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MD	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CLMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
69.3	149.0	21262.0	43.0	-63.5	99.9	290.1	16.5*	15.5	-5.7	515.5	999.9	99.9	999.9	146.5	112.
70.9	150.0	21706.2	40.0	-63.4	99.9	281.7	26.7*	26.2	-5.4	526.8	999.9	99.9	999.9	148.9	112.
72.3	151.	22187.3	37.0	-61.6	99.9	269.7	19.1*	19.1	0.1	543.1	999.9	99.9	999.9	150.2	112.
73.9	152.0	22531.3	35.0	-62.0	99.9	291.9	30.6*	28.4	-11.4	550.8	999.9	99.9	999.9	152.6	112.
75.5	153.0	23086.4	32.0	-61.3	99.9	292.0	20.3*	18.8	-7.6	567.1	999.9	99.9	999.9	156.1	112.
77.1	154.0	23693.6	29.0	-63.9	99.9	281.5	15.3*	15.0	-3.1	575.9	999.9	99.9	999.9	157.9	112.
79.0	155.0	24366.4	26.0	-61.6	99.9	131.6	26.7*	-20.0	17.7	600.7	999.9	99.9	999.9	157.2	112.
81.0	156.0	24861.9	24.0	-62.0	99.9	281.9	17.1*	16.7	-3.5	613.5	999.9	99.9	999.9	155.0	111.
83.8	157.0	25689.5	21.0	-61.1	99.9	276.1	44.7*	44.4	-4.8	640.2	999.9	99.9	999.9	161.8	111.
86.2	158.0	26642.0	18.0	-63.4	99.9	999.9	99.9	99.9	99.9	661.9	999.9	99.9	999.9	999.9	999.

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
1115 GMT

151 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.4	1095.0	897.5	-12.6	-14.0	320.0	5.1	3.3	-3.9	268.9	272.6	1.4	87.0	0.0	0.
0.3	15.0	1150.6	891.0	-12.0	-14.0	314.9	12.1	8.6	-8.5	270.1	273.9	1.4	84.4	0.3	130.
0.6	16.0	1263.0	878.0	-12.3	-14.0	314.7	12.2	8.6	-6.6	270.9	274.6	1.4	81.8	0.3	131.
0.9	17.0	1359.3	867.0	-13.0	-15.5	314.2	12.4	8.9	-6.6	271.2	274.7	1.3	81.1	0.5	133.
1.3	18.0	1447.7	857.0	-13.7	-14.5	314.8	12.4	8.8	-8.7	271.3	275.2	1.4	93.3	0.8	133.
1.7	19.0	1545.9	846.0	-14.0	-18.1	315.2	12.3	8.6	-8.7	272.0	274.9	1.1	70.6	1.1	134.
2.0	20.0	1636.3	836.0	-13.6	-18.9	315.1	12.2	8.6	-8.6	273.4	276.2	1.0	63.9	1.4	134.
2.5	21.0	1756.5	827.0	-9.1	-15.0	313.1	12.5	9.1	-8.6	279.3	283.2	1.4	60.8	1.7	134.
2.8	22.0	1860.6	812.0	-9.4	-15.0	307.4	12.2	9.7	-7.4	280.1	283.9	1.4	59.4	2.0	134.
3.2	23.0	1956.5	802.0	-9.1	-15.0	305.5	13.4	10.9	-7.8	281.4	285.2	1.4	57.8	2.2	132.
3.6	24.0	2053.7	792.0	-8.8	-15.0	308.8	15.4	12.0	-7.6	282.7	286.6	1.4	56.6	2.6	131.
3.9	25.0	2152.3	782.0	-7.8	-16.4	311.7	15.6	11.7	-10.4	284.8	288.7	1.4	50.1	2.9	132.
4.3	26.0	2272.6	770.0	-8.0	-18.9	313.5	16.1	11.7	-11.1	285.9	289.1	1.1	40.8	3.2	132.
4.7	27.0	2374.1	760.0	-8.2	-19.6	315.6	17.5	12.3	-12.5	286.7	289.7	1.1	39.2	3.6	132.
5.1	28.0	2476.8	750.0	-8.8	-19.0	317.4	18.7	12.6	-13.8	287.1	290.2	1.1	40.5	4.1	133.
5.4	29.0	2580.6	740.0	-9.9	-19.0	316.8	16.8	11.5	-12.2	287.1	290.2	1.1	43.6	4.4	133.
5.7	30.0	2674.9	731.0	-10.7	-20.0	315.8	14.7	10.3	-10.6	287.1	290.1	1.0	43.5	4.7	133.
6.0	31.0	2780.7	721.0	-11.6	-21.0	314.3	12.6	9.0	-8.8	287.3	290.1	1.0	44.0	5.0	133.
6.4	32.0	2876.9	712.0	-12.0	-21.0	311.7	13.0	9.7	-8.7	287.9	290.8	1.0	46.8	5.2	133.
6.7	33.0	2985.1	702.0	-12.1	-20.9	311.8	14.9	11.1	-9.9	288.9	291.9	1.0	47.8	5.5	133.
7.1	34.0	3072.6	694.0	-13.1	-21.9	312.1	16.8	12.5	-11.3	288.7	291.6	1.0	47.7	5.9	133.
7.4	35.0	3183.1	684.0	-13.8	-22.4	310.8	14.9	11.3	-9.8	289.2	291.9	0.9	48.0	6.2	133.
7.8	36.0	3306.1	673.0	-14.7	-23.0	305.9	13.0	10.6	-7.7	289.6	292.2	0.9	48.1	6.5	133.
8.1	37.0	3408.0	664.0	-15.2	-22.0	301.2	11.8	10.1	-5.1	290.1	292.8	0.9	53.1	6.7	133.
8.5	38.0	3510.9	655.0	-16.2	-22.0	294.7	9.9	9.0	-4.1	290.1	293.0	1.0	58.7	7.1	132.
8.9	39.0	3615.0	646.0	-16.9	-22.8	307.4	8.9	7.0	-5.4	290.5	293.3	0.9	60.1	7.2	131.
9.2	40.0	3708.4	638.0	-17.8	-23.8	322.6	9.3	5.7	-7.4	290.4	293.0	0.9	59.2	7.2	130.
9.6	41.0	3838.3	627.0	-18.7	-24.7	336.0	11.1	4.5	-10.1	290.9	293.4	0.8	58.7	7.5	131.
9.9	42.0	3946.0	618.0	-19.5	-24.0	334.6	11.6	5.0	-10.5	291.2	293.7	0.8	62.3	7.9	134.
10.3	43.0	4054.9	609.0	-20.0	-26.0	315.5	10.8	7.6	-7.7	291.8	294.0	0.7	57.4	8.0	135.
10.7	44.0	4152.9	601.0	-20.7	-26.0	289.7	11.0	10.4	-3.7	292.1	294.2	0.7	57.3	8.2	134.
11.0	45.0	4264.4	592.0	-21.5	-27.0	272.8	12.1	12.1	-0.6	292.4	294.4	0.6	55.9	8.7	133.
11.4	46.0	4364.5	584.0	-22.4	-29.2	269.6	11.2	11.2	0.1	292.5	294.3	0.6	53.9	8.7	130.
11.8	47.0	4465.6	576.0	-23.5	-29.8	278.2	9.5	9.4	-1.3	292.4	294.1	0.6	55.5	8.8	129.
12.1	48.0	4567.8	568.0	-24.4	-30.4	289.4	8.4	7.9	-2.8	292.5	294.1	0.5	57.4	9.0	129.
12.5	49.0	4671.0	560.0	-25.3	-31.2	304.1	7.6	6.3	-4.2	292.6	294.1	0.5	57.7	9.2	129.
12.9	50.0	4775.4	552.0	-25.6	-32.0	308.3	7.9	6.2	-4.9	293.4	294.9	0.4	52.3	9.5	129.
13.2	51.0	4907.8	542.0	-26.5	-34.0	312.9	9.4	6.9	-6.4	293.9	295.1	0.4	46.8	9.4	129.
13.6	52.0	5015.1	534.0	-27.2	-35.0	321.8	12.1	7.5	-9.5	294.3	295.4	0.3	43.6	9.5	129.
14.0	53.0	5123.7	526.0	-27.9	-36.5	337.4	15.2	5.8	-14.0	294.7	295.7	0.3	43.6	10.4	129.
14.3	54.0	5219.7	519.0	-29.1	-37.7	349.9	16.9	2.9	-16.6	294.4	295.3	0.3	42.8	10.4	129.
14.6	55.0	5330.7	511.0	-29.3	-38.5	353.8	18.8	2.0	-16.6	295.5	296.4	0.3	40.1	10.5	131.
15.1	56.0	5457.5	502.0	-29.8	-39.0	335.1	21.9	9.2	-15.9	296.4	297.2	0.2	36.7	10.9	136.
15.4	57.0	5557.6	495.0	-30.0	-42.0	317.2	27.7	18.8	-20.3	297.2	297.9	0.2	29.6	11.0	136.
15.7	58.0	5673.7	487.0	-29.8	-45.0	308.8	34.3	26.7	-21.5	298.9	299.4	0.1	19.6	11.7	135.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
1115 GMT

151 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.0	59.0	5776.9	480.0	-29.8	-46.1	304.3	40.8	33.7	-23.0	300.2	300.6	0.1	18.4	12.8	134.
16.3	60.0	5897.0	472.0	-28.9	-45.7	307.4	41.8	33.2	-25.4	302.8	303.2	0.1	17.7	13.5	133.
16.7	61.0	6004.1	465.0	-27.8	-44.9	315.3	41.7	29.3	-20.6	305.4	305.9	0.1	17.6	14.5	133.
17.1	62.0	6097.6	459.0	-27.2	-44.4	327.2	41.5	22.5	-30.9	307.3	307.9	0.2	17.5	15.5	133.
17.5	63.0	6224.4	451.0	-26.8	-44.1	337.5	43.6	16.7	-40.3	309.4	309.9	0.2	17.5	16.5	132.
17.9	64.0	6337.2	444.0	-27.2	-44.4	332.0	45.0	21.1	-39.7	310.3	310.8	0.2	17.5	17.2	138.
18.3	65.0	6451.6	437.0	-27.5	-44.1	318.0	47.0	31.4	-34.9	311.2	311.7	0.2	17.5	18.4	138.
18.8	66.0	6584.3	429.0	-28.5	-44.1	302.6	52.8	44.5	-28.4	311.6	312.2	0.2	18.9	19.9	136.
19.2	67.0	6702.1	422.0	-29.1	-44.1	296.7	57.1	51.0	-25.7	312.3	312.9	0.2	21.9	21.2	135.
19.6	68.0	6804.2	416.0	-30.3	-43.6	294.7	59.8	54.3	-25.0	312.0	312.7	0.2	25.6	22.5	134.
19.9	69.0	6924.7	409.0	-31.2	-42.9	293.9	60.9	55.6	-24.7	312.4	313.1	0.2	30.3	23.6	133.
20.3	70.0	7046.7	402.0	-32.4	-37.7	292.5	61.4	56.7	-23.5	312.4	313.7	0.4	58.7	25.0	132.
20.7	71.0	7188.2	394.0	-33.3	-37.0	291.1	61.1	57.0	-22.0	313.0	314.4	0.4	69.2	26.4	131.
21.1	72.0	7295.8	388.0	-34.4	-39.5	290.2	60.6	56.9	-20.9	313.0	314.1	0.3	59.4	27.8	130.
21.6	73.0	7423.3	381.0	-34.1	-43.4	291.3	61.9	57.7	-21.4	315.0	315.8	0.2	39.8	29.4	128.
22.0	74.0	7534.3	375.0	-34.8	-44.1	293.5	64.9	59.5	-21.9	315.5	316.2	0.2	37.5	30.7	128.
22.3	75.0	7646.8	369.0	-35.3	-45.1	295.1	66.9	60.6	-25.4	316.3	316.9	0.2	35.4	32.0	127.
22.7	76.0	7760.8	363.0	-36.3	-46.4	296.5	68.8*	61.6	-30.7	316.3	316.9	0.2	34.0	33.8	127.
23.2	77.0	7876.2	357.0	-37.0	-48.0	297.1	70.0*	62.4	-31.9	317.0	317.5	0.1	30.4	35.7	126.
23.5	78.0	7993.4	351.0	-37.4	-48.9	297.1	70.6*	62.9	-32.1	318.0	318.4	0.1	28.5	36.6	126.
23.9	79.0	8112.2	345.0	-38.5	-49.5	296.8	69.3*	61.9	-31.2	318.1	318.5	0.1	28.6	39.0	125.
24.3	80.0	8232.5	339.0	-39.4	99.9	296.7	66.6*	59.5	-29.9	318.5	999.9	99.9	999.9	40.3	125.
24.8	81.0	8375.0	332.0	-40.5	99.9	297.1	64.6*	57.5	-25.4	318.9	999.9	99.9	999.9	42.3	125.
25.3	82.0	8478.2	327.0	-41.7	99.9	297.5	66.2*	58.7	-30.5	318.6	999.9	99.9	999.9	44.0	124.
25.7	83.0	8603.4	321.0	-42.8	99.9	297.3	67.1*	59.6	-30.8	318.8	999.9	99.9	999.9	45.6	124.
26.1	84.0	8709.1	316.0	-43.8	99.9	296.7	66.1*	59.0	-29.7	318.9	999.9	99.9	999.9	47.7	124.
26.5	85.0	8837.6	310.0	-44.8	99.9	296.1	63.6*	57.2	-26.0	319.3	999.9	99.9	999.9	49.3	124.
27.0	86.0	8968.1	304.0	-45.9	99.9	296.3	70.9*	63.5	-31.4	319.5	999.9	99.9	999.9	50.1	123.
27.4	87.0	9100.5	298.0	-46.7	99.9	296.1	79.9*	71.7	-35.2	320.1	999.9	99.9	999.9	52.3	123.
27.8	88.0	9212.4	293.0	-47.9	99.9	295.0	79.4*	71.9	-33.5	320.0	999.9	99.9	999.9	54.9	123.
28.2	89.0	9325.8	288.0	-48.9	99.9	293.1	71.2*	65.4	-27.9	320.2	999.9	99.9	999.9	57.0	123.
28.6	90.0	9463.8	282.0	-49.8	99.9	291.0	61.0*	56.9	-21.9	320.8	999.9	99.9	999.9	58.3	122.
28.9	91.0	9557.0	278.0	-51.0	99.9	290.7	58.7*	54.9	-20.7	320.4	999.9	99.9	999.9	58.9	122.
29.4	92.0	9674.9	273.0	-51.9	99.9	292.0	68.5*	63.5	-25.7	320.8	999.9	99.9	999.9	60.3	122.
29.8	93.0	9818.6	267.0	-52.8	99.9	292.4	77.3*	71.5	-29.4	321.5	999.9	99.9	999.9	62.2	122.
30.2	94.0	9915.8	263.0	-54.0	99.9	291.5	78.2*	72.8	-28.6	321.1	999.9	99.9	999.9	64.6	121.
30.6	95.0	10038.8	258.0	-54.5	99.9	289.3	70.5*	66.5	-23.3	322.2	999.9	99.9	999.9	67.0	121.
31.0	96.0	10189.2	252.0	-55.4	99.9	286.4	58.9*	56.5	-16.7	322.9	999.9	99.9	999.9	68.0	121.
31.5	97.0	10316.9	247.0	-55.9	99.9	288.4	53.8*	51.0	-16.9	324.1	999.9	99.9	999.9	68.9	120.
31.8	98.0	10420.9	243.0	-55.3	99.9	292.2	54.3*	50.3	-20.5	326.5	999.9	99.9	999.9	70.3	120.
32.1	99.0	10553.4	238.0	-55.9	99.9	295.6	55.5*	50.1	-20.0	327.5	999.9	99.9	999.9	71.5	120.
32.4	100.0	10661.0	234.0	-56.7	99.9	298.5	57.6*	50.7	-21.5	327.9	999.9	99.9	999.9	72.4	120.
32.8	101.0	10825.5	228.0	-57.4	99.9	300.9	65.9*	56.5	-31.9	329.3	999.9	99.9	999.9	73.4	120.
33.2	102.0	10937.0	224.0	-58.6	99.9	301.7	75.6*	64.3	-39.8	329.2	999.9	99.9	999.9	75.1	120.
33.7	103.0	11078.9	219.0	-58.6	99.9	999.9	99.9	99.9	99.9	331.3	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
1115 GMT

151 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P. DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.2	104.0	11194.8	215.0	-58.4	99.9	999.9	99.9	99.9	99.9	333.3	999.9	99.9	999.9	999.9	999.9
34.7	105.0	11312.9	211.0	-58.7	99.9	999.9	99.9	99.9	99.9	334.6	999.9	99.9	999.9	999.9	999.9
35.1	106.0	11433.2	207.0	-58.2	99.9	999.9	99.9	99.9	99.9	337.2	999.9	99.9	999.9	999.9	999.9
35.6	107.0	11556.1	203.0	-58.1	99.9	999.9	99.9	99.9	99.9	339.4	999.9	99.9	999.9	999.9	999.9
36.0	108.0	11713.4	198.0	-57.6	99.9	999.9	99.9	99.9	99.9	342.6	999.9	99.9	999.9	999.9	999.9
36.4	109.0	11842.4	194.0	-57.2	99.9	999.9	99.9	99.9	99.9	345.1	999.9	99.9	999.9	999.9	999.9
36.9	110.0	11941.0	191.0	-57.1	99.9	999.9	99.9	99.9	99.9	347.0	999.9	99.9	999.9	999.9	999.9
37.5	111.0	12143.3	185.0	-56.4	99.9	999.9	99.9	99.9	99.9	351.2	999.9	99.9	999.9	999.9	999.9
38.0	112.0	12247.3	182.0	-55.6	99.9	999.9	99.9	99.9	99.9	354.2	999.9	99.9	999.9	999.9	999.9
38.4	113.0	12388.9	178.0	-55.8	99.9	999.9	99.9	99.9	99.9	356.1	999.9	99.9	999.9	999.9	999.9
38.9	114.0	12533.6	174.0	-55.6	99.9	999.9	99.9	99.9	99.9	358.7	999.9	99.9	999.9	999.9	999.9
39.4	115.0	12644.5	171.0	-55.6	99.9	999.9	99.9	99.9	99.9	360.5	999.9	99.9	999.9	999.9	999.9
40.0	116.0	12833.6	166.0	-55.6	99.9	999.9	99.9	99.9	99.9	363.6	999.9	99.9	999.9	999.9	999.9
40.4	117.0	12988.7	162.0	-56.4	99.9	999.9	99.9	99.9	99.9	364.8	999.9	99.9	999.9	999.9	999.9
40.8	118.0	13147.3	158.0	-56.7	99.9	999.9	99.9	99.9	99.9	366.9	999.9	99.9	999.9	999.9	999.9
41.2	119.0	13268.7	155.0	-57.2	99.9	999.9	99.9	99.9	99.9	368.0	999.9	99.9	999.9	999.9	999.9
41.9	120.0	13392.3	152.0	-57.4	99.9	999.9	99.9	99.9	99.9	369.8	999.9	99.9	999.9	999.9	999.9
42.4	121.0	13560.5	148.0	-58.1	99.9	999.9	99.9	99.9	99.9	371.5	999.9	99.9	999.9	999.9	999.9
43.0	122.0	13689.5	145.0	-58.1	99.9	999.9	99.9	99.9	99.9	373.7	999.9	99.9	999.9	999.9	999.9
43.7	123.0	13821.4	142.0	-57.7	99.9	999.9	99.9	99.9	99.9	376.5	999.9	99.9	999.9	999.9	999.9
44.1	124.0	14001.4	138.0	-58.4	99.9	999.9	99.9	99.9	99.9	378.4	999.9	99.9	999.9	999.9	999.9
44.6	125.0	14139.5	135.0	-58.9	99.9	999.9	99.9	99.9	99.9	379.9	999.9	99.9	999.9	999.9	999.9
45.3	126.0	14328.0	131.0	-59.4	99.9	999.9	99.9	99.9	99.9	382.3	999.9	99.9	999.9	999.9	999.9
45.8	127.0	14472.9	128.0	-59.9	99.9	999.9	99.9	99.9	99.9	383.9	999.9	99.9	999.9	999.9	999.9
46.4	128.0	14621.1	125.0	-59.8	99.9	999.9	99.9	99.9	99.9	386.8	999.9	99.9	999.9	999.9	999.9
47.0	129.0	14773.1	122.0	-59.2	99.9	999.9	99.9	99.9	99.9	390.4	999.9	99.9	999.9	999.9	999.9
47.7	130.0	14929.3	119.0	-58.6	99.9	999.9	99.9	99.9	99.9	394.5	999.9	99.9	999.9	999.9	999.9
48.5	131.0	15144.3	115.0	-58.4	99.9	999.9	99.9	99.9	99.9	398.7	999.9	99.9	999.9	999.9	999.9
49.3	132.0	15310.8	112.0	-58.1	99.9	999.9	99.9	99.9	99.9	402.3	999.9	99.9	999.9	999.9	999.9
49.9	133.0	15481.5	109.0	-57.9	99.9	999.9	99.9	99.9	99.9	405.8	999.9	99.9	999.9	999.9	999.9
50.7	134.0	15657.7	106.0	-58.2	99.9	999.9	99.9	99.9	99.9	408.4	999.9	99.9	999.9	999.9	999.9
51.3	135.0	15777.5	104.0	-58.7	99.9	999.9	99.9	99.9	99.9	409.7	999.9	99.9	999.9	999.9	999.9
52.1	136.0	16023.2	100.0	-59.8	99.9	999.9	99.9	99.9	99.9	412.3	999.9	99.9	999.9	999.9	999.9
52.8	137.0	16213.5	97.0	-60.1	99.9	999.9	99.9	99.9	99.9	415.2	999.9	99.9	999.9	999.9	999.9
53.7	138.0	16409.1	94.0	-61.0	99.9	999.9	99.9	99.9	99.9	417.3	999.9	99.9	999.9	999.9	999.9
54.5	139.0	16610.5	91.0	-61.5	99.9	999.9	99.9	99.9	99.9	420.1	999.9	99.9	999.9	999.9	999.9
55.4	140.0	16890.5	87.0	-59.4	99.9	999.9	99.9	99.9	99.9	429.7	999.9	99.9	999.9	999.9	999.9
56.1	141.0	17110.0	84.0	-59.8	99.9	999.9	99.9	99.9	99.9	433.4	999.9	99.9	999.9	999.9	999.9
56.9	142.0	17336.9	81.0	-60.6	99.9	999.9	99.9	99.9	99.9	436.1	999.9	99.9	999.9	999.9	999.9
57.8	143.0	17571.9	78.0	-60.4	99.9	999.9	99.9	99.9	99.9	441.2	999.9	99.9	999.9	999.9	999.9
58.7	144.0	17815.3	75.0	-62.2	99.9	999.9	99.9	99.9	99.9	442.5	999.9	99.9	999.9	999.9	999.9
59.7	145.0	18067.4	72.0	-62.4	99.9	999.9	99.9	99.9	99.9	447.3	999.9	99.9	999.9	999.9	999.9
60.6	146.0	18329.6	69.0	-63.1	99.9	999.9	99.9	99.9	99.9	451.2	999.9	99.9	999.9	999.9	999.9
61.8	147.0	18605.7	66.0	-59.1	99.9	999.9	99.9	99.9	99.9	465.8	999.9	99.9	999.9	999.9	999.9
62.6	148.0	18897.0	63.0	-59.8	99.9	999.9	99.9	99.9	99.9	470.5	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
1115 GMT

151 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
63.7	149.0	19200.2	60.0	-62.2	99.9	999.9	99.9	99.9	99.9	471.6	999.9	99.9	999.9	999.9	999.
64.7	150.0	19516.8	57.0	-62.6	99.9	999.9	99.9	99.9	99.9	477.8	999.9	99.9	999.9	999.9	999.
65.9	151.0	19849.6	54.0	-63.5	99.9	999.9	99.9	99.9	99.9	483.1	999.9	99.9	999.9	999.9	999.
67.1	152.0	20082.2	52.0	-61.9	99.9	999.9	99.9	99.9	99.9	492.2	999.9	99.9	999.9	999.9	999.
68.2	153.0	20448.6	49.0	-63.5	99.9	999.9	99.9	99.9	99.9	496.7	999.9	99.9	999.9	999.9	999.
69.5	154.0	20836.7	46.0	-63.3	99.9	999.9	99.9	99.9	99.9	506.2	999.9	99.9	999.9	999.9	999.
70.8	155.0	21252.5	43.0	-62.0	99.9	999.9	99.9	99.9	99.9	519.2	999.9	99.9	999.9	999.9	999.
72.0	156.0	21698.3	40.0	-63.3	99.9	999.9	99.9	99.9	99.9	526.9	999.9	99.9	999.9	999.9	999.
73.4	157.0	22177.1	37.0	-63.7	99.9	999.9	99.9	99.9	99.9	537.8	999.9	99.9	999.9	999.9	999.
75.0	158.0	22695.9	34.0	-63.7	99.9	999.9	99.9	99.9	99.9	550.9	999.9	99.9	999.9	999.9	999.
76.4	159.0	23067.6	32.0	-63.9	99.9	291.2	24.3*	22.6	-6.8	560.1	999.9	99.9	999.9	156.1	116.
78.0	160.0	23673.4	29.0	-62.2	99.9	130.9	11.2*	-8.4	7.3	580.6	999.9	99.9	999.9	156.3	116.
80.3	161.0	24348.4	26.0	-62.0	99.9	295.9	15.4*	13.9	-6.7	599.6	999.9	99.9	999.9	157.8	116.
82.4	162.0	25104.6	23.0	-63.1	99.9	295.9	18.4*	16.5	-6.0	617.7	999.9	99.9	999.9	160.3	116.
84.8	163.0	25967.7	20.0	-61.5	99.9	295.9	35.9*	32.3	-15.7	647.9	999.9	99.9	999.9	165.2	116.
87.7	164.0	26975.2	17.0	-61.5	99.9	999.9	99.9	99.9	99.9	678.8	999.9	99.9	999.9	999.9	999.

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
1500 GMT

148 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PY DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	14.0	1095.0	898.9	-12.2	-17.8	340.0	5.1	1.7	-4.8	269.2	272.0	1.0	63.0	0.0	0.
0.5	15.0	1188.2	888.0	-12.6	-18.7	348.4	12.8	2.6	-12.6	269.7	272.3	1.0	60.0	0.2	164.
0.8	16.0	1318.4	873.0	-12.5	-20.4	347.9	12.6	2.6	-12.3	271.1	273.5	0.9	51.2	0.4	167.
1.1	17.0	1406.3	863.0	-12.7	-20.9	348.2	12.8	2.6	-12.5	271.7	274.0	0.8	50.3	0.6	167.
1.5	18.0	1513.6	851.0	-10.9	-19.6	350.5	14.2	2.3	-14.0	274.8	277.4	0.9	48.4	0.9	167.
1.8	19.0	1613.8	840.0	-9.6	-17.4	350.2	14.2	2.4	-14.0	277.2	280.4	1.2	52.6	1.2	169.
2.1	20.0	1715.9	829.0	-8.4	-17.1	348.3	14.3	2.9	-14.0	279.5	282.8	1.2	49.3	1.5	169.
2.6	21.0	1839.1	816.0	-6.2	-16.0	341.8	14.9	4.6	-14.1	283.1	286.6	1.3	42.6	1.9	168.
2.8	22.0	1945.2	805.0	-6.3	-17.7	341.3	15.1	4.8	-14.3	284.0	287.4	1.2	39.8	2.1	167.
3.1	23.0	2042.9	795.0	-6.6	-18.1	341.5	15.2	4.8	-14.4	284.7	288.0	1.2	39.6	2.3	166.
3.5	24.0	2151.7	784.0	-6.9	-20.2	344.2	14.4	3.9	-13.9	285.5	288.3	1.0	33.7	2.7	166.
3.8	25.0	2251.9	774.0	-6.8	-19.9	345.0	15.1	3.9	-14.6	286.7	289.7	1.0	34.1	2.9	166.
4.2	26.0	2383.8	761.0	-8.0	-20.9	345.7	15.9	3.9	-15.4	286.8	289.6	0.9	34.5	3.3	166.
4.5	27.0	2486.4	751.0	-9.0	-21.2	346.2	16.3	3.9	-15.8	286.8	289.5	0.9	36.2	3.6	166.
4.8	28.0	2590.0	741.0	-9.7	-21.6	346.2	16.7	4.0	-16.2	287.1	289.9	1.0	39.1	3.9	166.
5.1	29.0	2694.8	731.0	-10.6	-20.5	345.3	16.7	4.2	-16.2	287.3	290.2	1.0	43.7	4.2	166.
5.4	30.0	2800.7	721.0	-10.7	-19.7	342.6	16.3	4.9	-16.6	288.3	291.5	1.1	47.7	4.5	166.
5.7	31.0	2907.9	711.0	-11.7	-20.0	338.0	15.4	5.8	-16.3	288.3	291.5	1.1	50.1	4.8	166.
6.0	32.0	3016.4	701.0	-12.3	-21.1	331.8	14.5	6.8	-17.8	288.8	291.8	1.0	47.8	5.1	165.
6.3	33.0	3114.9	692.0	-13.4	-23.1	325.2	13.4	7.6	-11.0	288.6	291.2	0.9	43.8	5.3	164.
6.6	34.0	3225.7	682.0	-13.7	-22.4	318.2	12.5	8.4	-9.3	289.5	292.2	0.9	45.7	5.5	163.
7.0	35.0	3326.6	673.0	-13.9	-22.7	309.5	11.9	9.2	-7.6	290.5	293.2	0.9	47.2	5.7	162.
7.3	36.0	3463.0	661.0	-15.0	-23.7	305.6	11.6	9.4	-6.7	290.7	293.3	0.9	47.4	5.9	160.
7.7	37.0	3566.6	652.0	-16.1	-24.2	302.7	11.2	9.4	-6.0	290.6	293.1	0.8	49.5	6.2	159.
8.0	38.0	3671.1	643.0	-16.9	-24.5	302.4	10.8	9.1	-5.8	290.8	293.3	0.8	51.7	6.3	157.
8.4	39.0	3788.5	633.0	-18.0	-24.9	307.1	10.6	8.4	-6.4	290.9	293.3	0.8	54.3	6.5	156.
8.7	40.0	3883.5	625.0	-18.8	-26.1	312.0	10.6	7.9	-7.1	291.0	293.2	0.7	52.2	6.7	155.
9.1	41.0	4015.7	614.0	-19.4	-27.0	319.1	10.7	7.0	-6.1	291.8	293.9	0.7	49.1	6.9	155.
9.6	42.0	4125.3	605.0	-20.2	-28.0	327.0	10.9	6.0	-5.2	292.1	294.0	0.6	48.2	7.2	154.
9.9	43.0	4236.2	596.0	-21.1	-29.2	330.7	10.9	5.4	-5.5	292.3	294.0	0.6	47.7	7.4	154.
10.2	44.0	4348.5	587.0	-21.8	-29.5	333.6	10.9	4.9	-9.8	292.8	294.5	0.6	49.1	7.6	154.
10.6	45.0	4462.1	578.0	-22.7	-30.2	336.8	11.0	4.3	-10.1	293.0	294.6	0.5	50.0	7.9	154.
11.0	46.0	4564.2	570.0	-23.4	-30.8	339.1	11.2	4.0	-10.5	293.4	295.0	0.5	50.1	8.1	154.
11.3	47.0	4667.5	562.0	-24.2	-32.1	340.1	11.4	3.9	-10.7	293.6	295.1	0.5	47.3	8.4	154.
11.6	48.0	4785.2	553.0	-24.4	-34.4	340.9	11.5	3.8	-10.8	294.7	295.8	0.4	38.7	8.6	155.
12.0	49.0	4891.2	545.0	-25.2	-36.4	341.4	11.4	3.6	-10.8	294.9	295.9	0.3	34.2	8.8	155.
12.4	50.0	4998.5	537.0	-25.7	-37.2	340.7	11.4	3.8	-10.8	295.6	296.5	0.3	32.9	9.1	155.
12.7	51.0	5134.4	527.0	-27.1	-39.3	338.9	11.7	4.2	-10.9	295.6	296.3	0.2	29.9	9.3	155.
13.1	52.0	5244.4	519.0	-28.1	-40.4	335.4	12.5	5.2	-11.4	295.6	296.3	0.2	29.5	9.6	155.
13.4	53.0	5355.8	511.0	-28.8	-40.7	331.7	13.6	6.4	-11.9	296.1	296.8	0.2	30.3	9.8	155.
13.8	54.0	5468.6	503.0	-29.5	-42.5	326.4	15.8	8.7	-13.1	296.5	297.1	0.2	27.0	10.1	155.
14.1	55.0	5582.9	495.0	-29.8	-44.6	322.6	17.9	10.9	-14.2	297.5	298.0	0.2	23.6	10.4	155.
14.7	56.0	5713.6	486.0	-30.2	-46.2	314.1	23.8	17.1	-16.6	298.6	299.0	0.1	19.1	11.1	154.
15.0	57.0	5831.8	478.0	-30.1	-47.0	310.0	27.3	20.9	-17.6	300.2	300.6	0.1	17.1	11.5	154.
15.3	58.0	5937.1	471.0	-28.6	-46.6	305.8	30.9	25.0	-18.0	303.2	303.7	0.1	15.6	12.0	152.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
1500 GMT

148 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.7	59.0	6060.0	463.0	-28.1	-47.1	301.8	35.9	30.5	-18.9	305.4	305.8	0.1	14.2	12.8	150.
16.1	60.0	6169.5	456.0	-27.4	-47.1	299.6	41.1	35.7	-20.3	307.5	307.9	0.1	13.3	13.5	148.
16.6	61.0	6280.9	449.0	-27.1	-46.8	298.8	47.7	41.8	-23.0	309.4	309.8	0.1	13.3	14.6	146.
16.8	62.0	6394.2	442.0	-26.9	-46.2	298.5	50.0	44.0	-23.8	310.9	311.4	0.1	14.0	15.2	145.
17.2	63.0	6526.0	434.0	-26.7	-46.0	297.5	53.6	47.6	-24.7	312.9	313.4	0.1	14.0	16.4	143.
17.6	64.0	6643.4	427.0	-26.9	-45.1	296.1	56.0	50.3	-24.7	314.0	314.6	0.2	15.4	17.6	141.
17.9	65.0	6762.4	420.0	-27.7	-45.5	295.1	57.0	51.7	-24.2	314.5	315.0	0.1	15.5	18.6	140.
18.2	66.0	6900.4	412.0	-28.8	-45.7	294.6	58.0	52.7	-24.1	314.9	315.4	0.2	17.7	19.5	138.
18.6	67.0	7022.9	405.0	-29.4	-45.6	294.5	59.4	54.0	-24.7	315.6	316.2	0.2	19.0	20.8	137.
19.0	68.0	7147.2	398.0	-30.3	-46.3	295.3	61.1	55.2	-26.1	316.0	316.5	0.1	19.1	22.1	135.
19.3	69.0	7255.0	392.0	-31.2	-47.1	296.0	62.3	56.0	-27.4	316.1	316.6	0.1	19.2	23.2	134.
19.7	70.0	7382.4	385.0	-32.2	-47.0	296.8	63.4	56.6	-28.5	316.6	317.1	0.1	21.0	24.6	133.
20.1	71.0	7530.4	377.0	-33.1	-47.0	297.2	63.6	56.5	-29.1	317.3	317.8	0.1	22.2	26.2	132.
20.5	72.0	7643.0	371.0	-33.9	-47.0	297.5	62.9	55.8	-29.1	317.7	318.2	0.1	22.8	27.6	132.
20.9	73.0	7776.2	364.0	-34.9	-48.7	297.9	62.3	55.1	-29.2	318.0	318.5	0.1	23.9	29.1	131.
21.2	74.0	7891.9	358.0	-36.1	-49.7	298.3	62.2	54.8	-29.5	317.9	318.3	0.1	24.0	30.2	130.
21.6	75.0	8009.0	352.0	-37.2	-51.0	298.8	62.3	54.6	-30.0	318.0	318.4	0.1	22.0	31.6	130.
21.9	76.0	8127.7	346.0	-37.6	-51.1	299.2	62.3	54.3	-30.4	319.0	319.4	0.1	22.5	32.7	129.
22.2	77.0	8248.3	340.0	-38.3	-51.7	299.8	61.9	53.7	-30.7	319.7	320.1	0.1	22.6	33.9	129.
22.7	78.0	8370.6	334.0	-39.1	-52.4	301.0	61.0	52.3	-31.4	320.3	320.6	0.1	22.6	35.6	129.
23.1	79.0	8494.6	328.0	-40.3	99.5	301.9	60.9	51.7	-31.2	320.3	999.9	99.9	999.9	37.0	128.
23.5	80.0	8620.2	322.0	-41.5	99.5	302.7	62.0	52.2	-31.5	320.3	999.9	99.9	999.9	38.8	128.
24.0	81.0	8768.9	315.0	-42.9	99.5	302.5	64.5	54.4	-31.7	320.5	999.9	99.9	999.9	39.9	128.
24.4	82.0	8898.3	309.0	-43.8	99.9	301.1	64.0*	54.8	-33.1	320.9	999.9	99.9	999.9	42.4	128.
24.8	83.0	9007.7	304.0	-44.5	99.9	299.2	63.3*	55.2	-30.9	321.4	999.9	99.9	999.9	43.6	127.
25.2	84.0	9140.9	298.0	-45.8	99.9	297.3	63.2*	56.2	-29.0	321.4	999.9	99.9	999.9	44.7	127.
25.6	85.0	9253.3	293.0	-46.8	99.5	295.6	63.2*	56.9	-27.3	321.6	999.9	99.9	999.9	46.5	127.
26.1	86.0	9413.1	286.0	-48.2	99.5	294.0	61.5*	56.2	-25.0	321.8	999.9	99.9	999.9	48.6	126.
26.4	87.0	9529.1	281.0	-49.0	99.5	294.0	62.3*	56.9	-25.3	322.3	999.9	99.9	999.9	49.5	126.
26.9	88.0	9646.7	276.0	-50.1	99.5	296.0	70.4*	63.3	-30.8	322.3	999.9	99.9	999.9	50.4	125.
27.3	89.0	9790.2	270.0	-50.4	99.9	297.1	73.0*	65.0	-33.3	323.9	999.9	99.9	999.9	53.2	125.
27.8	90.0	9911.8	265.0	-51.5	99.9	297.8	66.9*	59.2	-31.2	324.1	999.9	99.9	999.9	55.7	125.
28.2	91.0	10035.3	260.0	-52.4	99.9	298.8	61.6*	54.0	-29.7	324.5	999.9	99.9	999.9	56.7	125.
28.6	92.0	10160.5	255.0	-53.6	99.5	300.6	62.5*	53.8	-31.9	324.5	999.9	99.9	999.9	57.7	125.
28.9	93.0	10262.0	251.0	-54.2	99.5	302.0	69.4*	58.8	-31.7	325.1	999.9	99.9	999.9	59.2	125.
29.2	94.0	10391.3	246.0	-53.2	99.5	302.5	74.5*	62.8	-40.1	328.6	999.9	99.9	999.9	60.4	125.
29.7	95.0	10550.2	240.0	-53.9	99.5	302.7	74.3*	62.5	-40.1	329.7	999.9	99.9	999.9	63.0	125.
30.2	96.0	10685.0	235.0	-55.0	99.9	302.6	59.5*	50.1	-32.1	330.0	999.9	99.9	999.9	65.7	124.
30.7	97.0	10822.1	230.0	-56.2	99.9	303.4	44.6*	37.2	-24.5	330.4	999.9	99.9	999.9	66.6	124.
31.1	98.0	10933.4	226.0	-57.0	99.9	304.2	43.1*	35.6	-24.2	330.8	999.9	99.9	999.9	67.3	124.
31.6	99.0	11074.7	221.0	-58.0	99.5	303.9	57.7*	47.9	-32.2	331.4	999.9	99.9	999.9	68.4	124.
32.0	100.0	11189.7	217.0	-58.3	99.5	303.2	73.4*	61.4	-40.2	332.6	999.9	99.9	999.9	69.9	124.
32.6	101.0	11336.4	212.0	-58.3	99.5	302.0	78.4*	66.5	-41.6	334.8	999.9	99.9	999.9	73.7	124.
33.0	102.0	11486.7	207.0	-58.0	99.5	300.8	70.5*	60.6	-36.1	337.6	999.9	99.9	999.9	75.4	124.
33.3	103.0	11609.8	203.0	-57.6	99.9	299.6	60.4*	52.5	-29.9	340.0	999.9	99.9	999.9	76.7	124.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
1500 GMT

148 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.8	104.0	11735.6	199.0	-57.1	99.9	297.6	46.7*	41.4	-21.6	342.8	999.9	99.9	999.9	78.1	124.
34.2	105.0	11864.3	195.0	-56.3	99.9	296.1	41.9*	37.6	-18.4	346.1	999.9	99.9	999.9	78.9	124.
34.7	106.0	11996.0	191.0	-56.0	99.9	294.9	44.3*	40.1	-18.6	348.7	999.9	99.9	999.9	80.0	124.
35.1	107.0	12130.8	187.0	-55.5	99.9	294.5	48.9*	44.4	-20.3	351.6	999.9	99.9	999.9	81.0	124.
35.6	108.0	12268.6	183.0	-55.5	99.9	294.7	50.4*	45.8	-21.0	353.7	999.9	99.9	999.9	82.9	123.
35.9	109.0	12409.5	179.0	-55.7	99.9	294.7	47.8*	43.4	-19.9	355.7	999.9	99.9	999.9	83.8	123.
36.3	110.0	12553.6	175.0	-55.2	99.9	293.9	42.7*	39.1	-17.3	358.8	999.9	99.9	999.9	84.8	123.
36.9	111.0	12738.7	170.0	-55.0	99.9	291.1	34.9*	32.5	-12.6	362.1	999.9	99.9	999.9	86.2	123.
37.2	112.0	12852.2	167.0	-55.8	99.9	290.3	33.2*	31.2	-11.5	362.6	999.9	99.9	999.9	86.8	123.
37.8	113.0	13006.7	163.0	-55.5	99.9	293.1	38.8*	35.7	-15.2	365.6	999.9	99.9	999.9	87.5	123.
38.2	114.0	13165.1	159.0	-55.4	99.9	296.3	47.8*	42.8	-21.1	368.5	999.9	99.9	999.9	88.4	123.
38.7	115.0	13286.4	156.0	-56.3	99.9	298.4	54.3*	47.7	-25.8	368.9	999.9	99.9	999.9	90.6	123.
39.2	116.0	13493.3	151.0	-56.3	99.9	298.4	49.7*	43.7	-23.6	372.3	999.9	99.9	999.9	92.4	123.
39.8	117.0	13620.6	148.0	-56.8	99.9	297.9	43.4*	38.4	-20.3	373.6	999.9	99.9	999.9	93.7	123.
40.2	118.0	13794.0	144.0	-57.1	99.9	298.4	45.0*	39.6	-21.4	376.0	999.9	99.9	999.9	94.5	123.
40.8	119.0	13927.1	141.0	-57.6	99.9	299.0	49.1*	43.0	-23.8	377.4	999.9	99.9	999.9	96.5	122.
41.2	120.0	14063.1	138.0	-56.8	99.9	298.6	48.1*	42.3	-23.0	381.2	999.9	99.9	999.9	97.8	122.
41.8	121.0	14249.2	134.0	-57.5	99.9	297.4	43.5*	38.6	-20.0	383.2	999.9	99.9	999.9	99.3	122.
42.1	122.0	14392.2	131.0	-57.8	99.9	297.3	41.6*	37.0	-19.1	385.1	999.9	99.9	999.9	100.1	122.
42.6	123.0	14538.2	128.0	-58.0	99.9	298.2	39.3*	34.6	-18.6	387.4	999.9	99.9	999.9	101.3	122.
43.0	124.0	14687.6	125.0	-58.3	99.9	299.1	37.5*	32.7	-18.2	389.4	999.9	99.9	999.9	102.3	122.
43.6	125.0	14840.3	122.0	-58.8	99.9	298.4	36.1*	31.7	-17.1	391.2	999.9	99.9	999.9	103.4	122.
44.2	126.0	15049.4	118.0	-59.2	99.9	297.5	36.3*	32.2	-16.8	394.3	999.9	99.9	999.9	104.8	122.
44.8	127.0	15210.8	115.0	-59.2	99.9	297.0	36.1*	32.2	-16.4	397.2	999.9	99.9	999.9	106.1	122.
45.2	128.0	15376.3	112.0	-59.7	99.9	296.0	34.8*	31.3	-15.3	399.3	999.9	99.9	999.9	107.0	122.
45.9	129.0	15546.1	109.0	-59.7	99.9	292.4	30.9*	28.6	-11.8	402.4	999.9	99.9	999.9	108.3	122.
46.6	130.0	15720.5	106.0	-59.8	99.9	287.3	24.7*	23.6	-7.3	405.3	999.9	99.9	999.9	109.6	122.
47.2	131.0	15899.8	103.0	-60.0	99.9	286.2	22.1*	21.2	-6.1	408.3	999.9	99.9	999.9	110.3	122.
47.8	132.0	16084.4	100.0	-59.8	99.9	292.0	29.0*	26.9	-10.9	412.1	999.9	99.9	999.9	110.8	122.
48.3	133.0	16274.7	97.0	-60.0	99.9	294.5	36.7*	33.4	-15.2	415.4	999.9	99.9	999.9	112.0	122.
48.9	134.0	16470.4	94.0	-60.9	99.9	293.9	40.2*	36.8	-16.3	417.4	999.9	99.9	999.9	113.5	121.
49.4	135.0	16671.8	91.0	-61.4	99.9	293.7	39.5*	36.2	-15.9	420.2	999.9	99.9	999.9	114.7	121.
50.1	136.0	16879.1	88.0	-62.7	99.9	296.6	35.6*	31.8	-15.9	421.8	999.9	99.9	999.9	116.2	121.
50.7	137.0	17092.9	85.0	-62.7	99.9	300.5	27.9*	24.0	-14.2	426.0	999.9	99.9	999.9	117.7	121.
51.4	138.0	17314.3	82.0	-62.9	99.9	303.2	23.9*	20.0	-13.1	430.0	999.9	99.9	999.9	118.1	121.
52.0	139.0	17544.9	79.0	-61.1	99.9	299.2	30.9*	27.0	-15.1	438.3	999.9	99.9	999.9	119.3	121.
52.8	140.0	17785.8	76.0	-60.4	99.9	294.9	37.7*	34.2	-15.9	444.7	999.9	99.9	999.9	121.0	121.
53.5	141.0	18035.9	73.0	-61.8	99.9	293.9	39.1*	35.7	-15.8	446.8	999.9	99.9	999.9	122.7	121.
54.2	142.0	18294.9	70.0	-63.2	99.9	286.3	23.2*	22.2	-1.5	449.1	999.9	99.9	999.9	124.4	121.
54.9	143.0	18564.6	67.0	-62.5	99.9	141.9	13.7*	-8.5	10.8	456.4	999.9	99.9	999.9	125.0	121.
55.6	144.0	18848.3	64.0	-61.1	99.9	127.8	30.7*	-24.2	18.8	465.5	999.9	99.9	999.9	123.1	121.
56.3	145.0	19147.7	61.0	-59.3	99.9	136.8	12.4*	-8.5	9.1	475.8	999.9	99.9	999.9	121.9	121.
57.1	146.0	19463.7	58.0	-59.2	99.9	294.1	19.2*	17.6	-7.8	483.1	999.9	99.9	999.9	122.0	121.
58.0	147.0	19795.7	55.0	-60.4	99.9	300.3	38.2*	33.0	-19.2	487.8	999.9	99.9	999.9	124.1	121.
58.9	148.0	20145.1	52.0	-60.5	99.9	300.6	34.1*	29.3	-17.4	495.2	999.9	99.9	999.9	126.3	121.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
1500 GMT

148 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
59.8	149.0	20514.6	49.0	-61.2	99.9	300.6	21.9*	18.8	-11.1	502.1	999.9	99.9	999.9	127.6	121.
60.7	150.0	20772.9	47.0	-61.8	99.9	300.6	31.7*	27.3	-16.2	506.8	999.9	99.9	999.9	128.8	121.
61.7	151.0	21181.4	44.0	-61.6	99.9	300.6	41.9*	36.1	-21.3	516.9	999.9	99.9	999.9	131.2	121.
62.7	152.0	21617.5	41.0	-63.1	99.9	300.6	41.8*	36.0	-21.3	523.8	999.9	99.9	999.9	133.8	121.
63.9	153.0	22084.9	38.0	-63.2	99.9	300.6	45.8*	39.4	-23.3	534.8	999.9	99.9	999.9	136.7	121.
64.9	154.0	22592.8	35.0	-61.4	99.9	300.6	52.6*	45.3	-26.8	552.3	999.9	99.9	999.9	139.8	121.
65.9	155.0	23147.3	32.0	-62.3	99.9	300.6	51.1*	44.0	-26.0	564.2	999.9	99.9	999.9	143.1	121.
67.2	156.0	23756.8	29.0	-61.2	99.9	300.6	43.6*	37.6	-22.2	583.3	999.9	99.9	999.9	146.7	121.
68.9	157.0	24436.6	26.0	-60.0	99.9	300.6	36.5*	31.4	-18.6	605.3	999.9	99.9	999.9	150.8	121.
70.4	158.0	24934.8	24.0	-61.2	99.9	300.6	37.1*	32.0	-18.9	615.8	999.9	99.9	999.9	153.9	121.
72.4	159.0	25767.1	21.0	-59.5	99.9	300.6	40.6*	34.9	-20.7	645.0	999.9	99.9	999.9	158.8	121.
74.8	160.0	26736.0	18.0	-57.6	99.9	300.6	42.8*	36.9	-21.8	679.9	999.9	99.9	999.9	164.6	121.
77.3	161.0	27886.9	15.0	-57.6	99.9	999.9	99.9	99.9	99.9	716.3	999.9	99.9	999.9	999.9	999.

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
1800 GMT

154 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.6	1095.0	899.0	-6.7	-14.0	320.0	6.2	4.0	-4.7	274.9	278.8	1.4	56.0	0.0	0.
0.2	15.0	1129.8	895.0	-7.7	-15.0	338.7	6.9	2.5	-6.4	274.2	277.8	1.3	55.6	0.2	143.
0.6	16.0	1234.5	883.0	-9.0	-16.5	338.2	7.1	2.6	-6.6	273.9	277.1	1.2	54.4	0.2	146.
0.9	17.0	1331.5	872.0	-9.7	-16.9	336.9	7.7	3.0	-7.1	274.1	277.3	1.2	55.6	0.3	151.
1.3	18.0	1430.0	861.0	-7.1	-16.6	336.2	9.1	3.7	-8.3	277.8	281.2	1.2	46.5	0.5	152.
1.6	19.0	1521.8	851.0	-3.2	-15.9	335.7	9.8	4.0	-9.0	282.9	286.6	1.3	36.7	0.7	153.
1.9	20.0	1615.3	841.0	-3.5	-16.5	334.6	9.8	4.2	-8.9	283.5	287.1	1.3	35.6	0.9	154.
2.4	21.0	1728.8	829.0	-4.1	-17.6	331.7	10.1	4.8	-6.9	284.0	287.3	1.1	33.8	1.2	154.
2.7	22.0	1824.4	819.0	-4.7	-18.1	331.2	10.4	5.0	-9.1	284.4	287.6	1.1	34.2	1.4	153.
3.0	23.0	1920.8	809.0	-5.9	-18.5	331.4	10.7	5.1	-9.4	284.1	287.1	1.1	34.9	1.6	153.
3.3	24.0	2018.1	799.0	-6.6	-19.8	331.5	9.9	4.7	-8.7	284.3	287.1	1.0	34.1	1.8	153.
3.7	25.0	2116.4	789.0	-6.8	-20.1	330.5	8.9	4.4	-7.7	285.1	288.0	1.0	33.7	2.0	153.
4.1	26.0	2236.1	777.0	-6.8	-20.2	328.9	8.2	4.2	-7.0	286.4	289.3	1.0	33.4	2.2	152.
4.4	27.0	2326.9	768.0	-7.5	-21.4	328.9	8.3	4.3	-7.1	286.5	289.2	0.9	31.8	2.3	152.
4.8	28.0	2428.8	758.0	-8.1	-21.1	331.1	8.6	4.1	-7.5	287.0	289.7	0.9	34.1	2.5	152.
5.1	29.0	2531.8	748.0	-9.0	-21.0	333.9	8.8	3.9	-7.9	287.1	289.8	0.9	35.8	2.7	152.
5.4	30.0	2625.4	739.0	-9.7	-21.5	337.7	9.0	3.4	-8.3	287.3	290.0	0.9	37.4	2.8	152.
5.8	31.0	2719.8	730.0	-10.7	-21.8	342.6	9.8	2.9	-5.3	287.2	289.9	0.9	39.6	3.1	153.
6.2	32.0	2825.9	720.0	-10.4	-22.7	343.1	10.2	3.0	-5.7	288.7	291.2	0.9	35.8	3.3	154.
6.5	33.0	2933.6	710.0	-10.4	-22.5	340.7	10.0	3.3	-5.4	289.8	292.4	0.9	36.1	3.5	154.
6.9	34.0	3042.7	700.0	-11.0	-22.4	332.1	8.7	4.1	-7.7	290.4	293.1	0.9	38.2	3.7	154.
7.2	35.0	3130.8	692.0	-12.0	-21.3	325.5	8.4	4.8	-6.9	290.2	293.2	1.0	45.7	3.9	154.
7.6	36.0	3264.4	680.0	-13.3	-21.0	318.2	8.7	5.8	-6.5	290.3	293.4	1.0	52.1	4.1	153.
8.0	37.0	3354.4	672.0	-14.0	-21.0	313.2	9.2	6.7	-6.3	290.5	293.5	1.0	53.7	4.2	152.
8.3	38.0	3456.6	663.0	-15.0	-22.1	312.6	9.7	7.1	-6.5	290.5	293.4	1.0	54.3	4.4	152.
8.7	39.0	3560.0	654.0	-15.5	-24.1	314.0	10.1	7.3	-7.0	291.0	293.5	0.8	47.7	4.6	150.
9.0	40.0	3664.5	645.0	-16.1	-25.2	316.6	10.5	7.2	-7.6	291.5	293.8	0.8	44.8	4.8	149.
9.4	41.0	3782.2	635.0	-16.1	-26.6	323.5	11.1	6.6	-8.9	292.8	294.9	0.7	39.6	5.1	149.
9.8	42.0	3889.6	626.0	-16.8	-28.0	329.4	11.9	6.1	-10.3	293.2	295.1	0.6	36.9	5.3	149.
10.1	43.0	3986.1	618.0	-17.3	-30.1	332.4	12.5	5.8	-11.1	293.6	295.2	0.5	31.8	5.6	149.
10.5	44.0	4095.9	609.0	-18.0	-31.1	334.0	13.0	5.7	-11.7	294.1	295.5	0.4	29.3	5.9	150.
10.9	45.0	4194.6	601.0	-18.7	-34.1	333.1	13.1	5.9	-11.6	294.4	295.5	0.3	23.5	6.2	150.
11.2	46.0	4294.5	593.0	-18.8	-37.5	332.7	13.1	6.0	-11.6	295.4	296.2	0.3	17.4	6.4	150.
11.6	47.0	4395.6	585.0	-19.3	-39.6	332.8	13.1	6.0	-11.7	295.9	296.6	0.2	14.6	6.8	150.
12.0	48.0	4497.9	577.0	-20.1	-40.7	334.7	13.3	5.7	-12.0	296.1	296.7	0.2	13.9	7.1	150.
12.4	49.0	4601.2	569.0	-20.9	-41.3	338.1	13.7	5.1	-12.7	296.3	296.9	0.2	14.0	7.4	150.
12.7	50.0	4705.6	561.0	-21.9	-42.0	340.1	14.0	4.8	-13.2	296.4	297.0	0.2	14.2	7.6	151.
13.1	51.0	4837.7	551.0	-22.8	-43.0	342.0	14.6	4.5	-13.8	296.8	297.3	0.1	13.5	8.0	151.
13.5	52.0	4931.3	544.0	-23.7	-43.1	342.5	15.1	4.5	-14.4	296.8	297.3	0.1	13.6	8.3	152.
13.9	53.0	5039.3	536.0	-24.7	-44.5	343.0	15.7	4.6	-15.0	297.0	297.4	0.1	13.7	8.7	152.
14.2	54.0	5148.6	528.0	-25.6	-45.2	343.8	16.0	4.5	-15.3	297.1	297.6	0.1	13.9	9.0	152.
14.5	55.0	5245.3	521.0	-25.9	-47.0	344.8	16.2	4.3	-15.7	297.9	298.3	0.1	11.6	9.3	153.
15.0	56.0	5371.6	512.0	-25.5	-46.7	344.2	16.2	4.4	-15.6	299.9	300.3	0.1	11.6	9.7	153.
15.4	57.0	5485.9	504.0	-25.3	-46.0	338.2	15.9	5.9	-14.7	301.4	301.8	0.1	11.5	10.1	154.
15.8	58.0	5587.5	497.0	-25.1	-46.1	328.6	16.0	8.3	-13.7	303.0	303.4	0.1	11.5	10.5	154.

\* BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
1800 GMT

154 156 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RFD GM/KG	RH PCT	RANGE KM	AZ DG
16.1	59.0	5690.6	490.0	-25.1	-46.1	321.1	16.7	10.5	-13.0	304.2	304.6	0.1	11.5	10.7	154.
16.6	60.0	5810.1	492.0	-25.5	-46.7	311.6	19.0	14.2	-12.6	305.1	305.5	0.1	11.6	11.2	153.
16.9	61.0	5916.1	475.0	-26.1	-47.7	308.3	20.7	16.2	-12.8	305.6	306.0	0.1	11.6	11.6	152.
17.2	62.0	6023.4	468.0	-26.8	-47.7	306.0	22.5	18.2	-12.2	306.1	306.4	0.1	11.7	11.9	151.
17.6	63.0	6132.0	461.0	-27.2	-47.9	304.0	25.3	21.0	-14.2	306.9	307.3	0.1	11.8	12.4	150.
17.9	64.0	6226.4	455.0	-27.6	-48.2	303.1	28.0	23.5	-15.3	307.5	307.9	0.1	11.8	12.8	149.
18.4	65.0	6337.9	448.0	-27.6	-48.2	302.5	33.5	28.3	-15.0	308.9	309.3	0.1	11.8	13.6	148.
18.9	66.0	6483.5	439.0	-27.5	-48.1	302.0	39.3	33.3	-20.8	310.9	311.3	0.1	11.8	14.7	146.
19.2	67.0	6582.9	433.0	-27.6	-48.1	301.5	42.5	36.3	-22.2	311.9	312.3	0.1	11.8	15.4	145.
19.6	68.0	6700.1	426.0	-27.7	-48.7	300.8	46.5	40.0	-23.8	313.2	313.6	0.1	11.9	16.3	143.
19.9	69.0	6819.2	419.0	-28.0	-48.5	300.3	49.2	42.5	-24.8	314.4	314.8	0.1	11.9	17.1	142.
20.3	70.0	6922.7	413.0	-28.5	-48.6	299.6	52.1	45.3	-25.7	315.0	315.4	0.1	12.7	18.3	141.
20.7	71.0	7062.6	405.0	-29.4	-48.1	298.9	54.5	47.7	-26.3	315.6	316.0	0.1	14.3	19.5	139.
21.0	72.0	7169.0	399.0	-30.1	-47.8	298.3	56.0	49.3	-26.6	316.1	316.5	0.1	15.8	20.4	138.
21.4	73.0	7294.7	392.0	-31.3	-47.7	297.6	56.9	50.4	-26.4	316.1	316.6	0.1	17.9	21.8	137.
21.8	74.0	7403.8	386.0	-32.2	-46.1	297.2	57.2	50.9	-26.1	316.3	316.8	0.1	22.7	23.1	136.
22.2	75.0	7514.2	380.0	-33.0	-46.1	297.2	57.4	51.1	-26.2	316.7	317.2	0.1	24.3	24.3	135.
22.6	76.0	7625.9	374.0	-34.1	-46.1	297.7	57.8	51.2	-26.9	316.7	317.2	0.1	26.3	25.6	134.
23.0	77.0	7719.0	368.0	-34.7	-48.1	298.6	58.2	51.1	-27.9	317.3	317.7	0.1	23.9	27.0	133.
23.4	78.0	7853.5	362.0	-35.8	-48.7	299.1	58.0	50.6	-28.2	317.3	317.8	0.1	24.9	28.5	132.
23.9	79.0	7969.6	356.0	-36.5	-48.8	299.6	57.7	50.1	-28.5	318.0	318.4	0.1	26.4	30.0	132.
24.2	80.0	8087.3	350.0	-37.1	-50.0	300.1	57.6	49.9	-28.9	318.6	319.0	0.1	24.5	31.0	131.
24.6	81.0	8226.8	343.0	-37.5	-50.1	301.0	57.8	49.5	-29.8	319.9	320.3	0.1	23.0	32.5	131.
25.0	82.0	8328.0	338.0	-38.2	99.1	302.2	58.3	49.3	-31.1	320.4	999.9	99.9	999.9	33.8	130.
25.4	83.0	8451.0	332.0	-39.4	99.1	302.6	60.1	50.6	-32.4	320.4	999.9	99.9	999.9	35.1	130.
25.8	84.0	8554.8	327.0	-39.7	99.1	301.6	61.0	51.9	-31.9	321.4	999.9	99.9	999.9	36.6	130.
26.2	85.0	8681.3	321.0	-40.2	99.9	299.9	60.4	52.3	-30.1	322.4	999.9	99.9	999.9	38.2	130.
26.7	86.0	8831.4	314.0	-41.2	99.9	298.2	59.1*	52.1	-27.9	323.1	999.9	99.9	999.9	40.0	129.
27.1	87.0	8940.2	309.0	-42.2	99.9	297.8	59.3*	52.5	-27.7	323.2	999.9	99.9	999.9	41.0	129.
27.5	88.0	9050.3	304.0	-43.2	99.1	297.7	60.3*	53.3	-21.0	323.3	999.9	99.9	999.9	42.5	128.
27.9	89.0	9160.1	298.0	-44.4	99.1	297.2	58.8*	52.3	-23.9	323.4	999.9	99.9	999.9	44.6	128.
28.2	90.0	9297.4	293.0	-45.4	99.1	297.3	59.0*	52.5	-27.0	323.5	999.9	99.9	999.9	45.2	128.
28.7	91.0	9411.5	288.0	-46.4	99.1	298.3	60.9*	53.6	-28.9	323.7	999.9	99.9	999.9	46.5	127.
29.1	92.0	9528.1	283.0	-47.0	99.0	299.3	61.6*	53.7	-30.1	324.5	999.9	99.9	999.9	48.5	127.
29.5	93.0	9646.0	278.0	-47.6	99.9	299.4	57.6*	50.2	-28.2	325.3	999.9	99.9	999.9	50.4	127.
29.9	94.0	9765.7	273.0	-48.6	99.9	298.1	54.7*	48.2	-25.8	325.5	999.9	99.9	999.9	51.1	127.
30.3	95.0	9887.1	268.0	-49.3	99.5	297.2	59.0*	52.4	-27.0	326.2	999.9	99.9	999.9	52.1	126.
30.7	96.0	10035.0	262.0	-50.9	99.1	296.7	65.3*	58.3	-29.4	326.1	999.9	99.9	999.9	53.6	126.
31.1	97.0	10160.1	257.0	-51.9	99.1	296.0	68.1*	61.2	-24.9	326.3	999.9	99.9	999.9	55.4	126.
31.6	98.0	10261.7	253.0	-52.4	99.0	293.8	58.2*	53.3	-23.5	327.1	999.9	99.9	999.9	58.1	125.
32.0	99.0	10390.8	248.0	-52.2	99.0	291.3	46.3*	43.1	-16.9	329.2	999.9	99.9	999.9	58.8	125.
32.4	100.0	10495.8	244.0	-53.0	99.9	292.8	45.8*	42.3	-17.8	329.5	999.9	99.9	999.9	59.5	125.
32.9	101.0	10656.0	238.0	-54.0	99.9	296.9	56.6*	50.5	-27.6	330.5	999.9	99.9	999.9	60.5	125.
33.2	102.0	10784.6	234.0	-54.9	99.1	298.5	63.9*	56.1	-30.5	330.6	999.9	99.9	999.9	61.9	125.
33.7	103.0	10902.3	229.0	-55.9	99.1	299.7	71.1*	61.8	-38.2	331.2	999.9	99.9	999.9	64.4	124.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
1800 GMT

154 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.1	104.0	11014.4	225.0	-56.2	99.9	299.3	70.3*	61.3	-34.4	332.3	999.9	99.9	999.9	65.9	124.9
34.4	105.0	11128.3	221.0	-56.6	99.9	298.2	65.8*	58.0	-31.0	333.5	999.9	99.9	999.9	67.5	124.9
34.9	106.0	11273.5	216.0	-56.4	99.9	295.7	54.0*	48.6	-27.4	336.0	999.9	99.9	999.9	69.4	124.9
35.3	107.0	11392.2	212.0	-56.4	99.9	294.1	44.7*	40.8	-18.3	337.8	999.9	99.9	999.9	70.4	124.9
35.7	108.0	11512.9	208.0	-57.2	99.9	293.2	38.2*	35.1	-15.0	338.3	999.9	99.9	999.9	71.2	124.9
36.1	109.0	11666.7	203.0	-57.4	99.9	292.9	34.8*	32.1	-13.5	340.4	999.9	99.9	999.9	72.1	124.9
36.5	110.0	11760.9	200.0	-56.9	99.9	292.8	33.9*	31.2	-13.1	342.7	999.9	99.9	999.9	72.8	123.9
37.0	111.0	11920.9	195.0	-57.7	99.9	293.9	34.7*	31.7	-14.1	343.8	999.9	99.9	999.9	73.8	123.9
37.4	112.0	12051.8	191.0	-57.6	99.9	296.2	38.6*	34.6	-17.0	346.1	999.9	99.9	999.9	74.7	123.9
37.9	113.0	12185.7	187.0	-56.6	99.9	298.0	48.0*	42.3	-22.5	349.9	999.9	99.9	999.9	75.6	123.9
38.3	114.0	12323.1	183.0	-55.9	99.9	297.6	57.2*	50.7	-25.5	353.1	999.9	99.9	999.9	77.0	123.9
38.7	115.0	12463.8	179.0	-55.6	99.9	296.6	66.0*	59.0	-29.5	355.9	999.9	99.9	999.9	78.6	123.9
39.2	116.0	12607.8	175.0	-55.9	99.9	296.0	74.6*	67.1	-32.7	357.6	999.9	99.9	999.9	80.6	123.9
39.6	117.0	12754.7	171.0	-56.6	99.9	296.6	78.2*	69.9	-33.0	358.9	999.9	99.9	999.9	82.5	122.9
40.1	118.0	12866.9	168.0	-56.6	99.9	297.7	74.4*	65.9	-31.6	360.7	999.9	99.9	999.9	85.3	122.9
40.4	119.0	13019.9	164.0	-56.2	99.9	297.7	68.0*	60.2	-31.6	363.8	999.9	99.9	999.9	86.8	122.9
40.9	120.0	13176.8	160.0	-56.2	99.9	297.0	58.2*	51.9	-26.5	366.4	999.9	99.9	999.9	88.0	122.9
41.2	121.0	13216.6	159.0	-56.6	99.9	296.7	53.2*	47.5	-23.9	366.5	999.9	99.9	999.9	89.1	122.9
41.7	122.0	13419.4	154.0	-56.4	99.9	296.4	43.8*	39.2	-19.5	370.1	999.9	99.9	999.9	90.9	122.9
42.2	123.0	13586.4	150.0	-56.7	99.9	295.9	31.8*	28.6	-13.9	372.3	999.9	99.9	999.9	92.0	122.9
42.7	124.0	13714.4	147.0	-56.7	99.9	295.3	24.3*	21.9	-10.3	374.5	999.9	99.9	999.9	92.6	122.9
43.1	125.0	13845.1	144.0	-56.9	99.9	294.4	24.8*	22.6	-10.3	376.4	999.9	99.9	999.9	92.7	122.9
43.7	126.0	14023.3	140.0	-57.6	99.9	292.2	33.3*	30.9	-12.6	378.3	999.9	99.9	999.9	94.0	122.9
44.2	127.0	14206.2	136.0	-57.9	99.9	292.3	40.0*	37.0	-15.2	380.8	999.9	99.9	999.9	95.2	122.9
44.7	128.0	14346.8	133.0	-57.9	99.9	295.1	46.1*	41.8	-19.6	383.3	999.9	99.9	999.9	96.3	122.9
45.1	129.0	14491.0	130.0	-56.7	99.9	297.9	49.6*	43.8	-23.2	387.9	999.9	99.9	999.9	97.4	122.9
45.6	130.0	14638.9	127.0	-57.1	99.9	300.6	48.1*	41.4	-21.5	389.9	999.9	99.9	999.9	99.5	122.9
46.2	131.0	14841.1	123.0	-57.7	99.9	301.8	43.0*	36.5	-21.7	392.3	999.9	99.9	999.9	100.8	122.9
46.8	132.0	14996.6	120.0	-58.6	99.9	300.0	44.9*	38.9	-22.5	393.5	999.9	99.9	999.9	102.0	122.9
47.2	133.0	15155.7	117.0	-58.8	99.9	298.6	46.6*	40.9	-22.3	396.0	999.9	99.9	999.9	103.4	122.9
47.8	134.0	15263.8	115.0	-59.3	99.9	298.5	44.2*	38.9	-21.1	397.0	999.9	99.9	999.9	105.2	121.9
48.3	135.0	15429.4	112.0	-59.3	99.9	299.0	40.2*	35.1	-19.5	400.0	999.9	99.9	999.9	106.3	121.9
48.8	136.0	15656.7	108.0	-60.2	99.9	297.4	34.5*	30.6	-15.9	402.5	999.9	99.9	999.9	107.6	121.9
49.5	137.0	15832.7	105.0	-59.6	99.9	291.5	24.5*	22.8	-9.0	406.8	999.9	99.9	999.9	109.0	121.9
50.1	138.0	16075.3	101.0	-60.2	99.9	292.6	25.5*	23.6	-9.8	410.3	999.9	99.9	999.9	109.2	121.9
50.8	139.0	16263.2	98.0	-60.7	99.9	296.6	33.3*	29.8	-14.9	412.8	999.9	99.9	999.9	110.7	121.9
51.3	140.0	16456.1	95.0	-62.0	99.9	298.5	35.7*	31.4	-17.1	414.0	999.9	99.9	999.9	111.9	121.9
52.0	141.0	16654.3	92.0	-62.5	99.9	299.2	36.7*	32.0	-17.9	416.7	999.9	99.9	999.9	113.3	121.9
52.8	142.0	16928.1	88.0	-63.1	99.9	297.8	37.7*	33.3	-17.6	420.9	999.9	99.9	999.9	115.2	121.9
53.4	143.0	17141.6	85.0	-63.1	99.9	299.0	35.4*	30.9	-17.1	425.1	999.9	99.9	999.9	116.6	121.9
54.2	144.0	17362.6	82.0	-63.1	99.9	300.1	30.0*	26.0	-15.1	429.5	999.9	99.9	999.9	118.1	121.9
55.1	145.0	17592.3	79.0	-62.5	99.9	273.7	12.2*	12.1	-0.8	435.3	999.9	99.9	999.9	119.7	121.9
55.9	146.0	17830.9	76.0	-62.9	99.9	157.2	19.5*	-7.6	18.0	439.4	999.9	99.9	999.9	119.0	121.9
56.7	147.0	18078.6	73.0	-63.5	99.9	164.5	11.6*	-3.1	11.2	443.2	999.9	99.9	999.9	118.2	120.9
57.3	148.0	18336.6	70.0	-62.9	99.9	257.3	9.9*	9.6	2.2	449.8	999.9	99.9	999.9	118.0	120.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
1800 GMT

154 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.2	149.0	18605.7	67.0	-64.1	99.9	278.1	19.4*	19.2	-1.7	453.0	999.9	99.9	999.9	119.3	120.
59.1	150.0	18887.2	64.0	-62.5	99.9	290.5	19.3*	18.0	-6.7	462.3	999.9	99.9	999.9	119.7	120.
60.1	151.0	19185.6	61.0	-59.5	99.9	298.6	22.9*	20.1	-11.0	475.5	999.9	99.9	999.9	121.6	120.
61.1	152.0	19501.8	58.0	-58.8	99.9	292.7	21.1*	19.5	-8.2	484.0	999.9	99.9	999.9	122.3	120.
62.1	153.0	19874.4	55.0	-59.8	99.9	294.5	35.0*	31.8	-14.5	489.0	999.9	99.9	999.9	124.3	120.
63.0	154.0	20183.8	52.0	-61.3	99.9	294.3	25.8*	23.5	-10.6	493.6	999.9	99.9	999.9	126.5	120.
64.0	155.0	20427.5	50.0	-60.7	99.9	282.0	15.3*	15.0	-1.2	500.4	999.9	99.9	999.9	126.6	120.
65.1	156.0	20945.1	46.0	-61.8	99.9	296.7	22.1*	19.8	-0.9	509.9	999.9	99.9	999.9	128.2	120.
66.2	157.0	21220.5	44.0	-61.4	99.9	299.6	29.5*	25.6	-14.6	517.3	999.9	99.9	999.9	130.1	120.
67.5	158.0	21658.8	41.0	-61.1	99.9	299.6	35.3*	30.7	-17.4	528.8	999.9	99.9	999.9	132.7	120.
68.8	159.0	22131.3	38.0	-60.7	99.9	299.6	37.7*	32.8	-18.6	541.3	999.9	99.9	999.9	135.5	120.
70.1	160.0	22643.0	35.0	-60.7	99.9	299.6	36.9*	32.1	-18.2	554.2	999.9	99.9	999.9	138.5	120.
71.7	161.0	23199.9	32.0	-61.3	99.9	299.6	35.3*	30.7	-17.4	567.1	999.9	99.9	999.9	141.9	120.
73.4	162.0	23814.0	29.0	-59.1	99.9	299.6	32.8*	28.5	-16.2	589.2	999.9	99.9	999.9	145.5	120.
74.9	163.0	24261.1	27.0	-60.0	99.9	299.6	33.8*	29.4	-16.7	598.9	999.9	99.9	999.9	148.3	120.
76.8	164.0	24996.8	24.0	-59.8	99.9	279.1	35.2*	34.7	-5.5	619.9	999.9	99.9	999.9	152.6	119.
78.9	165.0	25837.0	21.0	-56.9	99.9	162.2	25.9*	-7.9	24.6	652.9	999.9	99.9	999.9	154.6	119.
81.3	166.0	26812.3	18.0	-57.4	99.9	127.2	56.9*	-45.3	34.5	680.7	999.9	99.9	999.9	147.9	118.
83.8	167.0	27970.2	15.0	-55.3	99.9	999.9	99.9	99.9	99.9	724.3	999.9	99.9	999.9	999.9	999.

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
2100 GMT

136 72. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.6	1095.0	897.0	-2.8	-8.4	310.0	5.1	3.9	-3.3	279.2	285.2	2.3	65.0	0.0	0.
0.2	15.0	1130.4	893.0	-3.7	-9.9	291.4	3.6	3.3	-1.3	278.5	284.0	2.0	62.2	0.1	125.
0.6	16.0	1245.9	880.0	-5.2	-12.7	292.8	3.7	3.4	-1.4	278.1	282.7	1.7	58.0	0.1	123.
0.9	17.0	1335.6	870.0	-5.8	-11.0	296.7	4.0	3.5	-1.8	278.4	283.2	1.8	61.9	0.2	119.
1.3	18.0	1435.4	859.0	-5.2	-15.3	305.6	4.6	3.7	-2.7	280.0	283.7	1.4	44.9	0.3	120.
1.6	19.0	1527.6	849.0	-3.7	-15.6	311.7	5.0	3.7	-3.3	282.5	286.3	1.3	39.1	0.4	121.
1.9	20.0	1621.2	839.0	-3.7	-16.1	317.5	4.8	3.2	-3.5	283.5	287.1	1.3	37.3	0.5	124.
2.3	21.0	1734.9	827.0	-4.2	-17.3	328.0	4.2	2.2	-3.6	284.1	287.5	1.2	34.9	0.6	127.
2.7	22.0	1830.7	817.0	-5.1	-18.3	333.8	4.0	1.8	-3.6	284.2	287.3	1.1	34.5	0.7	131.
3.1	23.0	1927.2	807.0	-6.1	-19.5	329.7	4.1	2.1	-3.6	284.0	287.0	1.0	34.1	0.8	134.
3.4	24.0	2024.7	797.0	-6.9	-19.5	321.3	3.9	2.4	-3.1	284.2	287.2	1.0	35.6	0.8	135.
3.8	25.0	2123.1	787.0	-7.5	-20.5	306.5	4.2	3.4	-2.5	284.6	287.4	0.9	34.1	0.9	135.
4.2	26.0	2232.5	776.0	-8.2	-22.2	296.5	5.5	4.9	-2.5	285.0	287.4	0.8	31.3	1.0	134.
4.6	27.0	2333.3	766.0	-7.8	-21.3	293.7	7.0	6.4	-2.8	286.5	289.2	0.9	32.6	1.2	131.
4.9	28.0	2435.4	756.0	-8.6	-21.8	295.7	7.2	6.5	-3.1	286.6	289.2	0.9	33.3	1.3	129.
5.3	29.0	2528.1	747.0	-9.5	-22.5	297.6	7.1	6.3	-3.3	286.7	289.2	0.8	34.1	1.5	128.
5.7	30.0	2632.3	737.0	-8.8	-21.7	296.5	7.5	6.7	-3.4	288.6	291.3	0.9	34.1	1.6	127.
6.1	31.0	2727.4	728.0	-9.4	-22.7	295.0	8.4	7.6	-3.5	288.9	291.6	0.9	34.1	1.8	126.
6.4	32.0	2823.4	719.0	-10.2	-21.5	297.2	8.8	7.8	-3.0	289.0	291.8	0.9	34.8	2.0	125.
6.7	33.0	2920.3	710.0	-11.1	-21.7	301.5	8.7	7.4	-3.5	289.1	291.9	0.9	40.8	2.2	124.
7.1	34.0	3018.2	701.0	-11.8	-21.9	309.5	8.3	6.4	-5.3	289.4	292.2	0.9	42.8	2.4	124.
7.4	35.0	3117.0	692.0	-12.6	-23.1	315.9	8.2	5.7	-5.9	289.5	292.1	0.9	43.2	2.5	125.
7.9	36.0	3239.2	681.0	-13.2	-24.3	323.2	8.6	5.2	-6.9	290.2	292.5	0.8	37.9	2.7	127.
8.3	37.0	3340.5	672.0	-13.5	-26.3	325.3	9.4	5.3	-7.7	291.0	292.9	0.6	37.2	2.9	128.
8.7	38.0	3442.5	663.0	-14.2	-28.2	325.3	10.3	5.9	-9.5	291.3	293.0	0.6	27.2	3.1	129.
9.1	39.0	3546.5	654.0	-14.7	-29.0	324.0	11.2	6.6	-9.1	291.8	293.3	0.5	25.9	3.4	130.
9.4	40.0	3639.6	646.0	-15.4	-31.4	322.4	11.7	7.1	-9.3	292.0	293.4	0.4	23.8	3.6	131.
9.8	41.0	3769.0	635.0	-16.4	-33.3	319.9	12.0	7.8	-9.2	292.4	293.5	0.4	21.6	3.9	132.
10.1	42.0	3864.2	627.0	-17.1	-36.3	318.2	12.2	8.1	-9.1	292.6	293.5	0.3	16.5	4.1	133.
10.5	43.0	3972.7	618.0	-17.1	-37.7	316.7	12.3	8.4	-9.0	293.8	294.6	0.2	14.3	4.4	133.
10.8	44.0	4070.2	610.0	-18.0	-39.7	317.4	12.4	8.4	-9.1	293.8	294.5	0.2	12.9	4.6	133.
11.2	45.0	4168.8	602.0	-18.7	-40.7	318.6	12.3	8.1	-9.2	294.2	294.8	0.2	13.0	4.9	133.
11.5	46.0	4280.9	593.0	-19.5	-41.3	319.9	12.2	7.9	-9.3	294.5	295.0	0.2	12.4	5.2	133.
11.9	47.0	4381.6	585.0	-20.2	-42.4	320.5	11.9	7.5	-9.2	294.8	295.4	0.2	11.7	5.4	134.
12.2	48.0	4483.6	577.0	-20.7	-42.2	320.6	11.7	7.4	-9.0	295.4	295.9	0.2	12.5	5.6	134.
12.6	49.0	4586.8	569.0	-20.7	-40.6	320.5	11.5	7.3	-8.9	296.6	297.2	0.2	14.8	5.9	134.
12.9	50.0	4691.3	561.0	-21.4	-41.7	320.5	11.5	7.3	-8.9	297.0	297.6	0.2	14.8	6.1	135.
13.4	51.0	4810.5	552.0	-21.7	-40.0	320.3	11.9	7.6	-9.2	298.0	298.7	0.2	15.6	6.5	135.
13.8	52.0	4918.0	544.0	-22.2	-40.0	318.5	12.7	8.4	-9.5	298.6	299.3	0.2	16.3	6.7	135.
14.2	53.0	5026.8	536.0	-22.4	-41.6	315.4	13.8	9.7	-9.8	299.7	300.4	0.2	15.6	7.1	135.
14.6	54.0	5123.4	529.0	-22.6	-42.1	312.2	15.1	11.2	-10.1	300.5	301.1	0.2	15.0	7.4	135.
14.9	55.0	5235.2	521.0	-22.8	-42.8	310.4	16.2	12.3	-10.5	301.7	302.3	0.2	14.3	7.7	135.
15.3	56.0	5362.8	512.0	-23.6	-43.2	309.6	17.3	13.3	-11.0	302.2	302.8	0.2	14.3	8.1	135.
15.7	57.0	5463.3	505.0	-24.1	-43.7	309.6	18.0	13.9	-11.5	302.8	303.3	0.2	14.4	8.5	134.
16.1	58.0	5579.6	497.0	-25.0	-44.7	309.7	18.5	14.2	-11.8	303.0	303.5	0.1	14.5	9.0	134.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
2100 GMT

136 72. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P/ DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.5	59.0	5682.6	490.0	-25.7	-44.3	309.3	19.3	15.0	-12.2	303.4	303.9	0.1	14.6	9.4	134.
16.9	60.0	5786.7	483.0	-26.5	-45.4	307.2	21.3	17.0	-12.9	303.7	304.2	0.1	14.7	9.8	134.
17.2	61.0	5892.1	476.0	-27.1	-45.9	305.6	23.4	19.0	-17.6	304.2	304.6	0.1	14.8	10.2	134.
17.6	62.0	6014.1	468.0	-27.7	-46.3	303.7	26.5	22.1	-14.7	305.0	305.4	0.1	14.8	10.8	133.
18.0	63.0	6106.9	462.0	-27.4	-46.1	302.5	29.8	25.1	-16.0	306.4	306.9	0.1	14.8	11.5	133.
18.4	64.0	6216.6	455.0	-28.1	-46.5	301.8	32.5	27.7	-17.1	306.9	307.4	0.1	14.9	12.3	132.
18.8	65.0	6328.0	448.0	-28.1	-46.5	301.2	34.9	29.9	-18.1	308.3	308.8	0.1	14.9	13.0	131.
19.3	66.0	6473.5	439.0	-28.6	-46.3	300.7	37.3	32.1	-19.1	309.4	309.9	0.1	16.3	14.1	130.
19.7	67.0	6572.0	433.0	-29.1	-46.0	300.8	38.9	33.5	-19.9	310.0	310.5	0.1	17.7	15.1	130.
20.1	68.0	6688.2	426.0	-30.2	-46.8	301.2	40.6	34.7	-21.0	310.1	310.5	0.1	17.8	16.0	129.
20.5	69.0	6789.0	420.0	-30.9	-47.3	301.7	42.5	36.1	-22.3	310.5	310.9	0.1	17.9	16.9	129.
20.8	70.0	6908.1	413.0	-31.6	-49.4	301.7	43.7	37.2	-23.0	310.9	311.3	0.1	15.3	17.7	128.
21.3	71.0	7046.4	405.0	-32.0	-50.1	301.3	45.5	38.8	-23.6	312.2	312.5	0.1	14.6	19.1	128.
21.7	72.0	7151.8	399.0	-32.0	-50.1	300.7	46.9	40.3	-23.9	313.5	313.9	0.1	14.6	20.2	128.
22.1	73.0	7258.7	393.0	-32.7	-50.5	300.2	48.6	42.0	-24.5	314.0	314.3	0.1	14.7	21.3	127.
22.5	74.0	7366.8	387.0	-33.6	-51.3	300.1	50.7	43.9	-25.4	314.1	314.5	0.1	14.8	22.4	127.
22.8	75.0	7494.6	380.0	-34.5	-51.9	300.0	52.3	45.3	-26.2	314.7	315.0	0.1	14.9	23.4	127.
23.2	76.0	7605.8	374.0	-35.0	-52.3	300.0	54.2	46.9	-27.1	315.5	315.7	0.1	15.0	24.7	126.
23.6	77.0	7699.5	369.0	-35.9	-53.1	300.0	55.2	47.8	-27.6	315.4	315.7	0.1	15.1	26.0	126.
23.9	78.0	7832.3	362.0	-36.9	-53.8	299.9	54.8	47.5	-27.3	315.9	316.1	0.1	15.2	27.1	126.
24.3	79.0	7928.4	357.0	-37.8	-54.5	299.3	53.5	46.6	-26.2	315.9	316.1	0.1	15.3	28.4	125.
24.7	80.0	8045.0	351.0	-38.8	99.9	298.2	52.8	46.6	-25.0	316.2	999.9	99.9	999.9	29.6	125.
25.2	81.0	8183.1	344.0	-39.5	99.9	296.3	53.8	48.2	-23.8	317.1	999.9	99.9	999.9	31.0	125.
25.5	82.0	8303.3	338.0	-40.1	99.9	295.2	54.9	49.7	-23.3	317.8	999.9	99.9	999.9	32.1	125.
25.9	83.0	8425.4	332.0	-40.8	99.9	294.1	54.9	50.1	-22.4	318.5	999.9	99.9	999.9	33.5	124.
26.3	84.0	8528.6	327.0	-41.0	99.9	293.7	54.2	49.7	-21.8	319.6	999.9	99.9	999.9	34.7	124.
26.7	85.0	8633.2	322.0	-41.8	99.9	293.7	53.7	49.2	-21.6	319.9	999.9	99.9	999.9	36.0	123.
27.2	86.0	8781.8	315.0	-42.9	99.9	294.1	53.9	49.2	-21.1	320.4	999.9	99.9	999.9	37.6	123.
27.6	87.0	8889.5	310.0	-43.8	99.9	294.7	54.8	49.8	-20.9	320.6	999.9	99.9	999.9	38.9	123.
28.1	88.0	9020.6	304.0	-44.4	99.9	295.5	56.4	50.9	-24.3	321.6	999.9	99.9	999.9	40.4	122.
28.5	89.0	9131.5	299.0	-45.6	99.9	296.1	57.6	51.7	-25.4	321.3	999.9	99.9	999.9	42.1	122.
28.9	90.0	9243.6	294.0	-46.5	99.9	296.8	57.3*	51.2	-25.8	321.7	999.9	99.9	999.9	43.0	122.
29.3	91.0	9357.2	289.0	-47.5	99.9	297.2	54.0*	48.0	-24.6	321.8	999.9	99.9	999.9	44.7	122.
29.7	92.0	9472.3	284.0	-48.4	99.9	297.4	49.6*	44.1	-23.9	322.1	999.9	99.9	999.9	46.2	122.
30.2	93.0	9589.0	279.0	-49.2	99.9	297.7	46.0*	40.7	-21.4	322.7	999.9	99.9	999.9	47.1	122.
30.6	94.0	9707.4	274.0	-50.3	99.9	298.0	51.3*	45.3	-24.1	322.8	999.9	99.9	999.9	48.0	121.
30.9	95.0	9827.4	269.0	-51.2	99.9	298.0	69.4*	61.3	-32.6	323.2	999.9	99.9	999.9	49.2	121.
31.3	96.0	9973.9	263.0	-51.6	99.9	999.9	99.9	99.9	99.9	324.6	999.9	99.9	999.9	999.9	999.
31.6	97.0	10073.3	259.0	-51.6	99.9	999.9	99.9	99.9	99.9	326.0	999.9	99.9	999.9	999.9	999.
31.9	98.0	10199.6	254.0	-52.4	99.9	999.9	99.9	99.9	99.9	326.7	999.9	99.9	999.9	999.9	999.
32.3	99.0	10302.0	250.0	-53.4	99.9	999.9	99.9	99.9	99.9	326.7	999.9	99.9	999.9	999.9	999.
32.6	100.0	10431.8	245.0	-54.2	99.9	999.9	99.9	99.9	99.9	327.4	999.9	99.9	999.9	999.9	999.
33.1	101.0	10590.6	239.0	-54.7	99.9	999.9	99.9	99.9	99.9	329.0	999.9	99.9	999.9	999.9	999.
33.5	102.0	10698.6	235.0	-55.0	99.9	999.9	99.9	99.9	99.9	330.1	999.9	99.9	999.9	999.9	999.
33.9	103.0	10835.7	230.0	-55.8	99.9	999.9	99.9	99.9	99.9	330.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
2100 GMT

136 72. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.3	104.0	10947.2	226.0	-56.5	99.9	999.9	99.9	99.9	97.9	331.5	999.9	99.9	999.9	999.9	999.9
34.8	105.0	11060.5	222.0	-56.8	99.9	999.9	99.9	99.9	97.9	332.7	999.9	99.9	999.9	999.9	999.9
35.3	106.0	11175.6	218.0	-57.0	99.9	999.9	99.9	99.9	99.9	334.2	999.9	99.9	999.9	999.9	999.9
35.8	107.0	11322.5	213.0	-57.0	99.9	999.9	99.9	99.9	99.9	336.4	999.9	99.9	999.9	999.9	999.9
36.3	108.0	11442.6	209.0	-57.0	99.9	999.9	99.9	99.9	99.9	338.2	999.9	99.9	999.9	999.9	999.9
36.8	109.0	11564.9	205.0	-57.0	99.9	999.9	99.9	99.9	99.9	340.1	999.9	99.9	999.9	999.9	999.9
37.3	110.0	11689.9	201.0	-56.3	99.9	999.9	99.9	99.9	97.9	343.1	999.9	99.9	999.9	999.9	999.9
37.9	111.0	11850.0	196.0	-56.0	99.9	999.9	99.9	99.9	99.9	346.1	999.9	99.9	999.9	999.9	999.9
38.3	112.0	11980.9	192.0	-56.7	99.9	999.9	99.9	99.9	97.9	347.1	999.9	99.9	999.9	999.9	999.9
38.8	113.0	12080.7	189.0	-57.0	99.9	999.9	99.9	99.9	99.9	348.1	999.9	99.9	999.9	999.9	999.9
39.2	114.0	12215.9	185.0	-57.7	99.9	999.9	99.9	99.9	99.9	349.1	999.9	99.9	999.9	999.9	999.9
39.7	115.0	12353.6	181.0	-58.6	99.9	999.9	99.9	99.9	99.9	349.9	999.9	99.9	999.9	999.9	999.9
40.2	116.0	12473.9	177.0	-59.3	99.9	999.9	99.9	99.9	97.9	351.0	999.9	99.9	999.9	999.9	999.9
40.7	117.0	12637.6	173.0	-57.5	99.9	999.9	99.9	99.9	97.9	356.2	999.9	99.9	999.9	999.9	999.9
41.1	118.0	12785.6	169.0	-56.8	99.9	296.3	43.3	38.8	-19.2	359.7	999.9	99.9	999.9	81.3	119.
41.7	119.0	12899.2	166.0	-56.7	99.9	298.6	32.3*	28.4	-15.5	361.8	999.9	99.9	999.9	82.3	119.
42.1	120.0	13053.5	162.0	-57.7	99.9	298.6	37.2*	32.7	-17.8	362.6	999.9	99.9	999.9	83.1	119.
42.6	121.0	13171.2	159.0	-58.7	99.9	299.1	40.8*	35.6	-19.8	362.8	999.9	99.9	999.9	84.1	119.
43.1	122.0	13290.9	156.0	-58.4	99.9	300.0	41.7*	36.1	-20.9	365.4	999.9	99.9	999.9	85.8	119.
43.6	123.0	13454.2	152.0	-58.6	99.9	300.9	42.6*	36.5	-21.9	367.8	999.9	99.9	999.9	86.8	119.
44.1	124.0	13579.4	149.0	-58.9	99.9	300.9	47.6*	40.9	-24.4	369.3	999.9	99.9	999.9	87.9	119.
44.7	125.0	13706.9	146.0	-59.4	99.9	300.7	52.2*	44.9	-25.7	370.6	999.9	99.9	999.9	90.1	119.
45.3	126.0	13881.0	142.0	-58.9	99.9	300.9	49.9*	42.9	-25.6	374.4	999.9	99.9	999.9	91.9	119.
45.8	127.0	14015.0	139.0	-58.9	99.9	300.4	44.8*	38.7	-22.7	376.7	999.9	99.9	999.9	93.4	119.
46.4	128.0	14152.0	136.0	-58.9	99.9	299.3	37.3*	32.5	-18.3	379.1	999.9	99.9	999.9	94.9	119.
46.9	129.0	14291.7	133.0	-59.8	99.9	299.0	33.1*	29.0	-15.0	379.9	999.9	99.9	999.9	95.8	119.
47.4	130.0	14434.1	130.0	-60.2	99.9	298.9	32.4*	28.3	-15.6	381.8	999.9	99.9	999.9	96.8	119.
48.1	131.0	14628.6	126.0	-61.2	99.9	298.9	33.3*	29.1	-15.1	383.2	999.9	99.9	999.9	98.1	119.
48.6	132.0	14777.9	123.0	-62.0	99.9	298.9	33.6*	29.4	-15.2	384.5	999.9	99.9	999.9	99.2	119.
49.1	133.0	14930.6	120.0	-62.0	99.9	298.8	35.1*	30.8	-16.9	387.3	999.9	99.9	999.9	100.2	119.
49.7	134.0	15087.4	117.0	-61.6	99.9	297.4	41.0*	36.4	-18.9	390.8	999.9	99.9	999.9	101.3	119.
50.2	135.0	15248.3	114.0	-61.6	99.9	294.6	43.7*	39.7	-18.2	393.7	999.9	99.9	999.9	102.8	119.
50.9	136.0	15413.6	111.0	-61.6	99.9	288.9	37.1*	35.1	-12.0	396.7	999.9	99.9	999.9	104.8	119.
51.7	137.0	15583.4	108.0	-61.4	99.9	290.3	33.1*	31.0	-11.5	400.2	999.9	99.9	999.9	106.1	119.
52.3	138.0	15817.4	104.0	-61.6	99.9	295.3	37.5*	33.9	-16.0	404.1	999.9	99.9	999.9	107.4	119.
53.1	139.0	15998.6	101.0	-62.0	99.9	295.8	46.0*	41.4	-20.0	406.8	999.9	99.9	999.9	109.1	119.
53.7	140.0	16184.8	98.0	-62.6	99.9	291.4	44.2*	41.2	-16.1	409.2	999.9	99.9	999.9	111.4	118.
54.4	141.0	16376.4	95.0	-62.9	99.9	288.1	41.7*	39.7	-13.0	412.2	999.9	99.9	999.9	112.8	118.
55.1	142.0	16573.6	92.0	-63.9	99.9	292.1	47.8*	44.3	-15.0	414.0	999.9	99.9	999.9	114.4	118.
55.8	143.0	16776.5	89.0	-64.5	99.9	294.3	42.6*	38.9	-17.5	416.8	999.9	99.9	999.9	116.9	118.
56.6	144.0	16985.9	86.0	-64.9	99.9	295.8	32.2*	29.0	-14.0	420.1	999.9	99.9	999.9	118.4	118.
57.4	145.0	17202.4	83.0	-65.1	99.9	293.8	30.3*	27.7	-12.2	424.0	999.9	99.9	999.9	119.9	118.
58.3	146.0	17426.9	80.0	-64.7	99.9	291.6	31.8*	29.6	-11.7	429.3	999.9	99.9	999.9	121.5	118.
59.1	147.0	17686.4	77.0	-64.5	99.9	999.9	99.9	99.9	97.9	434.4	999.9	99.9	999.9	999.9	999.9
59.8	148.0	17903.0	74.0	-65.1	99.9	999.9	99.9	99.9	97.9	438.1	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
2100 GMT

136 72. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.7	149.0	18069.8	72.0	-65.5	99.9	999.9	99.9	99.9	99.9	440.7	999.9	99.9	999.9	999.9	999.

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
2315 GMT

143 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT. T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.1	1095.0	895.8	-0.1	-12.0	220.0	2.1	1.3	1.6	282.0	286.7	1.7	40.0	0.0	0.
0.4	15.0	1182.9	886.0	-0.9	-12.5	245.4	1.1	1.0	0.5	282.0	286.6	1.7	41.1	0.1	31.
0.9	16.0	1309.7	872.0	-2.3	-12.5	230.0	1.2	0.9	0.8	281.8	286.5	1.7	45.3	0.1	38.
1.2	17.0	1410.4	861.0	-3.0	-13.7	224.3	0.9	0.6	0.6	282.2	286.5	1.5	43.0	0.1	39.
1.6	18.0	1512.2	850.0	-3.1	-16.3	238.0	0.5	0.4	0.3	283.0	286.6	1.3	35.3	0.2	38.
2.0	19.0	1624.7	838.0	-3.7	-16.8	272.1	1.2	1.2	-0.0	283.5	287.0	1.2	35.3	0.1	39.
2.4	20.0	1719.4	828.0	-3.9	-17.8	275.7	3.3	3.3	-0.3	284.3	287.6	1.1	32.9	0.2	51.
2.9	21.0	1863.6	813.0	-4.3	-19.2	271.9	8.5	8.5	-0.3	285.3	288.3	1.0	30.3	0.3	72.
3.3	22.0	1961.0	803.0	-4.8	-20.6	271.6	8.1	8.1	-0.2	285.8	288.5	0.9	27.8	0.6	80.
3.7	23.0	2079.3	791.0	-5.2	-20.9	274.7	5.6	5.6	-0.5	286.6	289.2	0.9	27.8	0.8	83.
4.1	24.0	2179.2	781.0	-5.2	-20.1	282.8	4.0	3.9	-0.9	287.6	290.5	1.0	29.9	0.8	85.
4.5	25.0	2290.6	770.0	-5.4	-21.1	279.9	6.7	6.6	-1.2	288.6	291.4	0.9	27.8	1.0	86.
5.1	26.0	2424.0	757.0	-6.3	-22.3	285.3	7.6	7.3	-2.0	289.1	291.5	0.8	25.5	1.2	90.
5.5	27.0	2527.8	747.0	-7.0	-22.3	287.1	8.4	8.0	-2.5	289.4	291.9	0.8	28.2	1.4	92.
5.9	28.0	2643.3	736.0	-7.9	-22.9	288.4	8.3	7.9	-2.6	289.6	292.1	0.8	28.7	1.6	94.
6.3	29.0	2749.5	726.0	-8.5	-22.1	294.0	8.2	7.5	-3.4	290.1	292.8	0.9	32.2	1.8	96.
6.7	30.0	2857.0	716.0	-9.1	-24.3	304.2	8.7	7.2	-4.9	290.6	292.9	0.7	27.8	2.0	98.
7.1	31.0	2965.7	706.0	-9.5	-26.6	314.7	9.6	6.8	-5.8	291.3	293.1	0.6	23.2	2.1	101.
7.5	32.0	3075.8	696.0	-10.1	-28.1	320.9	10.2	6.5	-7.9	291.8	293.5	0.5	21.2	2.3	105.
7.9	33.0	3187.1	686.0	-11.1	-30.8	315.8	10.3	7.2	-7.4	291.9	293.2	0.4	17.8	2.5	108.
8.3	34.0	3299.8	676.0	-11.4	-33.0	311.0	10.8	8.1	-7.1	292.8	293.9	0.3	14.7	2.8	110.
8.8	35.0	3402.5	667.0	-11.7	-34.6	305.8	11.6	9.4	-6.8	293.6	294.6	0.3	12.8	3.1	112.
9.2	36.0	3541.4	655.0	-12.4	-36.3	303.1	12.2	10.2	-6.7	294.3	295.2	0.3	11.5	3.4	113.
9.6	37.0	3646.9	646.0	-13.4	-38.3	301.9	12.5	10.6	-6.6	294.4	295.1	0.2	10.1	3.7	114.
10.0	38.0	3765.5	636.0	-13.7	-38.5	301.8	12.4	10.5	-6.5	295.4	296.1	0.2	10.2	4.0	114.
10.4	39.0	3873.8	627.0	-14.2	-38.8	303.1	12.1	10.2	-6.6	295.9	296.6	0.2	10.2	4.3	115.
10.8	40.0	3995.4	617.0	-15.5	-39.7	305.0	12.1	9.9	-6.9	295.8	296.5	0.2	10.4	4.6	115.
11.3	41.0	4131.0	606.0	-16.1	-40.2	307.0	12.4	9.9	-7.5	296.6	297.2	0.2	10.4	4.9	116.
11.7	42.0	4243.5	597.0	-16.8	-40.7	307.6	12.7	10.1	-7.8	297.0	297.7	0.2	10.5	5.2	117.
12.0	43.0	4357.4	588.0	-17.7	-41.2	307.5	12.8	10.2	-7.8	297.4	298.0	0.2	10.6	5.4	118.
12.4	44.0	4472.7	579.0	-18.2	-41.6	307.1	12.0	9.6	-7.3	298.1	298.6	0.2	10.7	5.8	118.
12.8	45.0	4576.6	571.0	-18.6	-41.9	307.3	11.2	8.9	-6.8	298.8	299.3	0.2	10.7	6.0	118.
13.2	46.0	4694.5	562.0	-19.0	-42.2	308.3	10.9	8.6	-6.8	299.7	300.2	0.2	10.7	6.2	119.
13.7	47.0	4801.5	554.0	-19.8	-42.8	309.8	11.7	9.0	-7.5	299.9	300.5	0.2	10.8	6.6	119.
14.0	48.0	4922.8	545.0	-20.8	-43.4	310.3	12.6	9.6	-8.1	300.2	300.7	0.1	10.9	6.8	120.
14.4	49.0	5032.0	537.0	-21.6	-44.0	309.9	13.8	10.6	-8.8	300.5	301.0	0.1	11.0	7.1	120.
14.8	50.0	5156.4	528.0	-22.1	-44.4	309.0	14.8	11.5	-9.3	301.3	301.8	0.1	11.1	7.4	121.
15.3	51.0	5296.9	518.0	-22.6	-44.8	308.2	15.7	12.3	-9.7	302.3	302.8	0.1	11.1	7.9	121.
15.7	52.0	5410.9	510.0	-23.3	-45.3	308.6	16.3	12.7	-10.2	302.9	303.3	0.1	11.2	8.3	121.
16.1	53.0	5526.5	502.0	-24.0	-45.7	310.1	16.9	12.9	-10.9	303.4	303.9	0.1	11.3	8.7	122.
16.5	54.0	5643.5	494.0	-24.9	-46.4	312.5	17.7	13.0	-12.0	303.7	304.1	0.1	11.4	9.1	122.
16.9	55.0	5762.1	486.0	-25.4	-46.8	314.5	18.6	13.3	-13.0	304.5	304.9	0.1	11.4	9.5	122.
17.4	56.0	5897.6	477.0	-26.1	-47.3	314.8	20.0	14.2	-14.1	305.3	305.7	0.1	11.5	10.0	123.
17.8	57.0	6020.0	469.0	-26.2	-47.4	313.2	21.4	15.6	-14.6	306.6	307.0	0.1	11.5	10.5	124.
18.2	58.0	6144.3	461.0	-26.8	-47.8	311.3	23.1	17.3	-15.2	307.4	307.8	0.1	11.6	11.1	124.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
2315 GMT

143 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.6	59.0	6254.5	454.0	-27.5	-48.3	310.0	24.9	19.1	-16.0	307.8	308.2	0.1	11.7	11.6	125.
19.0	60.0	6382.3	446.0	-27.9	-48.6	309.5	26.4	20.4	-16.8	308.9	309.2	0.1	11.7	12.3	125.
19.5	61.0	6495.9	439.0	-28.2	-48.8	309.4	27.7	21.4	-17.6	309.9	310.3	0.1	11.7	13.0	125.
19.8	62.0	6611.0	432.0	-29.1	-49.5	308.8	28.4	22.2	-17.8	310.2	310.5	0.1	11.8	13.6	125.
20.2	63.0	6727.7	425.0	-29.3	-49.6	308.1	30.0	23.6	-18.5	311.5	311.8	0.1	11.8	14.3	125.
20.8	64.0	6846.3	418.0	-29.5	-49.8	307.7	32.4	25.6	-19.8	312.6	312.9	0.1	11.9	15.0	126.
21.0	65.0	6966.7	411.0	-29.9	-50.1	307.7	35.6	28.2	-21.8	313.6	313.9	0.1	11.9	15.7	126.
21.5	66.0	7124.3	402.0	-30.3	-50.4	308.2	39.0	30.7	-24.1	315.1	315.4	0.1	11.9	16.9	126.
21.9	67.0	7249.2	395.0	-30.7	-50.7	308.5	39.9	31.2	-24.8	316.1	316.5	0.1	12.0	17.9	126.
22.3	68.0	7376.0	388.0	-31.5	-51.3	308.7	39.7	31.0	-24.8	316.7	317.0	0.1	12.1	18.9	126.
22.7	69.0	7486.1	382.0	-32.4	-52.0	308.6	39.4	30.8	-24.6	316.9	317.2	0.1	12.2	19.8	126.
23.1	70.0	7616.3	375.0	-33.2	-52.5	308.0	39.4	31.1	-24.3	317.5	317.8	0.1	12.3	20.8	126.
23.7	71.0	7767.4	367.0	-34.4	-53.4	306.1	40.8	33.0	-24.0	317.9	318.2	0.1	12.4	22.2	126.
24.1	72.0	7882.5	361.0	-35.2	-54.0	304.8	41.6	34.1	-23.7	318.3	318.6	0.1	12.5	23.2	126.
24.5	73.0	8018.8	354.0	-35.9	-54.5	303.7	41.5	34.5	-23.0	319.2	319.5	0.1	12.5	24.3	126.
24.9	74.0	8137.3	348.0	-36.8	-55.3	302.9	41.8	35.1	-22.7	319.5	319.7	0.1	12.6	25.2	126.
25.3	75.0	8257.6	342.0	-37.2	-55.6	302.4	43.8	37.0	-23.5	320.5	320.8	0.1	12.7	26.1	126.
25.7	76.0	8400.5	335.0	-37.2	-55.6	302.1	46.7	39.6	-24.8	322.4	322.7	0.1	12.7	27.2	126.
26.1	77.0	8525.2	329.0	-38.1	-56.2	301.9	49.6	42.1	-26.2	323.0	323.2	0.1	12.8	28.4	126.
26.4	78.0	8651.6	323.0	-39.1	-57.0	301.7	51.0	43.4	-26.8	323.2	323.4	0.1	12.9	29.3	126.
26.8	79.0	8779.8	317.0	-40.4	99.9	301.5	52.1	44.4	-27.2	323.3	999.9	99.9	999.9	30.6	125.
27.2	80.0	8909.8	311.0	-41.3	99.9	301.4	52.6	44.9	-27.4	323.8	999.9	99.9	999.9	31.8	125.
27.7	81.0	9063.9	304.0	-42.9	99.9	301.5	52.5	44.7	-27.4	323.7	999.9	99.9	999.9	33.4	125.
28.1	82.0	9175.4	299.0	-44.3	99.9	301.8	51.7	44.0	-27.2	323.3	999.9	99.9	999.9	34.7	125.
28.5	83.0	9311.0	293.0	-45.3	99.9	302.1	50.8	43.0	-27.0	323.7	999.9	99.9	999.9	36.0	125.
29.0	84.0	9425.5	288.0	-46.6	99.9	302.2	50.9	43.1	-27.1	323.5	999.9	99.9	999.9	37.3	125.
29.4	85.0	9564.9	282.0	-47.8	99.9	302.1	51.8	43.9	-27.5	323.7	999.9	99.9	999.9	38.7	125.
30.0	86.0	9706.4	276.0	-49.2	99.9	301.8	53.6	45.5	-28.2	323.6	999.9	99.9	999.9	40.5	125.
30.4	87.0	9850.1	270.0	-50.6	99.9	301.0	54.8	47.0	-28.3	323.7	999.9	99.9	999.9	41.7	124.
30.8	88.0	9971.7	265.0	-51.7	99.9	299.7	55.3	48.0	-27.4	323.8	999.9	99.9	999.9	43.2	124.
31.1	89.0	10095.0	260.0	-52.6	99.9	298.8	55.4	48.5	-26.7	324.2	999.9	99.9	999.9	44.3	124.
31.6	90.0	10220.2	255.0	-53.2	99.9	298.1	55.3	48.8	-26.0	325.1	999.9	99.9	999.9	45.8	124.
32.1	91.0	10347.7	250.0	-53.7	99.9	299.1	54.1	47.2	-26.3	326.2	999.9	99.9	999.9	47.4	124.
32.4	92.0	10477.8	245.0	-52.8	99.9	300.1	51.7	44.7	-25.9	329.5	999.9	99.9	999.9	48.7	124.
32.8	93.0	10611.2	240.0	-51.8	99.9	301.3	49.5	42.3	-25.7	332.9	999.9	99.9	999.9	49.7	124.
33.2	94.0	10747.3	235.0	-53.1	99.9	302.3	50.5*	42.7	-27.0	333.0	999.9	99.9	999.9	50.6	124.
33.6	95.0	10885.7	230.0	-53.7	99.9	303.2	54.3*	45.4	-29.7	334.1	999.9	99.9	999.9	51.8	124.
34.1	96.0	11055.1	224.0	-55.2	99.9	304.2	55.5*	45.9	-31.2	334.4	999.9	99.9	999.9	53.8	124.
34.5	97.0	11169.8	220.0	-56.2	99.9	304.6	48.8*	40.2	-27.7	334.6	999.9	99.9	999.9	55.7	124.
35.0	98.0	11315.6	215.0	-57.3	99.9	303.2	35.1*	29.4	-19.2	335.0	999.9	99.9	999.9	56.4	124.
35.4	99.0	11434.2	211.0	-57.8	99.9	298.0	32.2*	28.5	-15.1	336.0	999.9	99.9	999.9	57.1	124.
36.0	100.0	11585.6	206.0	-57.3	99.9	291.6	44.6*	41.5	-16.4	339.1	999.9	99.9	999.9	57.9	124.
36.6	101.0	11741.4	201.0	-55.8	99.9	292.4	62.2*	57.5	-23.7	343.9	999.9	99.9	999.9	59.8	123.
37.1	102.0	11901.6	196.0	-56.3	99.9	293.4	59.6*	54.7	-23.6	345.6	999.9	99.9	999.9	62.8	123.
37.5	103.0	12032.4	192.0	-57.0	99.9	292.9	45.8*	42.2	-17.8	346.6	999.9	99.9	999.9	64.0	122.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
2315 GMT

143 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.1	104.0	12165.9	188.0	-56.3	99.9	287.8	25.7*	24.4	-7.9	349.7	999.9	99.9	999.9	64.8	122.
38.6	105.0	12302.3	184.0	-56.8	99.9	282.5	20.0*	19.6	-4.3	351.1	999.9	99.9	999.9	65.4	122.
39.2	106.0	12441.4	180.0	-57.3	99.9	286.5	29.8*	28.5	-8.5	352.5	999.9	99.9	999.9	65.7	122.
39.7	107.0	12583.8	176.0	-56.3	99.9	291.8	45.6*	42.3	-16.9	356.4	999.9	99.9	999.9	66.7	122.
40.2	108.0	12730.2	172.0	-55.3	99.9	295.5	59.2*	53.4	-25.4	360.4	999.9	99.9	999.9	68.6	121.
40.6	109.0	12880.0	168.0	-56.3	99.9	297.3	65.6*	58.3	-30.1	361.2	999.9	99.9	999.9	70.3	121.
41.2	110.0	13033.0	164.0	-56.3	99.9	298.5	68.1*	59.8	-32.5	363.7	999.9	99.9	999.9	72.5	121.
41.8	111.0	13229.7	159.0	-56.3	99.9	298.8	58.8*	51.5	-28.4	366.9	999.9	99.9	999.9	75.5	121.
42.3	112.0	13350.4	156.0	-57.2	99.9	299.5	44.2*	38.5	-21.7	367.5	999.9	99.9	999.9	76.9	121.
42.9	113.0	13514.5	152.0	-57.8	99.9	300.6	31.3*	27.0	-16.0	369.0	999.9	99.9	999.9	77.9	121.
43.4	114.0	13682.5	148.0	-58.4	99.9	299.6	27.3*	23.7	-13.5	371.0	999.9	99.9	999.9	78.8	121.
44.0	115.0	13811.1	145.0	-59.1	99.9	290.8	24.4*	22.9	-8.7	372.0	999.9	99.9	999.9	79.6	121.
44.7	116.0	14031.1	140.0	-59.2	99.9	283.6	30.2*	29.3	-7.1	375.4	999.9	99.9	999.9	80.6	121.
45.2	117.0	14166.7	137.0	-59.6	99.9	290.7	41.3*	38.7	-14.6	377.1	999.9	99.9	999.9	81.3	121.
45.8	118.0	14351.9	133.0	-59.9	99.9	298.2	59.4*	52.3	-28.1	379.7	999.9	99.9	999.9	83.4	121.
46.4	119.0	14493.5	130.0	-61.4	99.9	299.8	75.5*	65.5	-37.6	379.6	999.9	99.9	999.9	85.4	121.
47.0	120.0	14638.4	127.0	-62.3	99.9	299.2	75.1*	65.6	-36.7	380.5	999.9	99.9	999.9	89.4	121.
47.6	121.0	14836.2	123.0	-62.1	99.9	298.4	51.0*	44.9	-24.3	384.3	999.9	99.9	999.9	91.6	120.
48.3	122.0	14988.7	120.0	-62.3	99.9	296.8	30.2*	27.0	-13.6	386.7	999.9	99.9	999.9	92.7	120.
48.9	123.0	15144.9	117.0	-62.9	99.9	294.5	25.7*	23.4	-10.7	388.4	999.9	99.9	999.9	93.6	120.
49.6	124.0	15305.1	114.0	-62.3	99.9	291.1	25.9*	24.2	-9.3	392.4	999.9	99.9	999.9	94.7	120.
50.3	125.0	15470.0	111.0	-61.7	99.9	287.1	29.1*	27.8	-8.5	396.4	999.9	99.9	999.9	95.8	120.
51.1	126.0	15696.9	107.0	-62.5	99.9	287.6	34.1*	32.5	-10.3	399.2	999.9	99.9	999.9	97.2	120.
51.7	127.0	15931.9	103.0	-62.7	99.9	290.1	37.3*	35.1	-12.8	403.2	999.9	99.9	999.9	98.5	120.
52.3	128.0	16114.0	100.0	-63.1	99.9	292.4	41.0*	37.9	-15.7	405.9	999.9	99.9	999.9	99.7	120.
53.0	129.0	16301.2	97.0	-63.4	99.9	294.6	38.3*	34.8	-16.0	408.7	999.9	99.9	999.9	102.1	120.
53.8	130.0	16494.0	94.0	-63.8	99.9	290.5	22.9*	21.5	-8.0	411.7	999.9	99.9	999.9	103.3	120.
54.7	131.0	16693.4	91.0	-62.9	99.9	293.6	30.3*	27.8	-12.1	417.4	999.9	99.9	999.9	103.9	119.
55.4	132.0	16899.8	88.0	-63.1	99.9	298.2	35.9*	31.7	-17.0	421.0	999.9	99.9	999.9	105.9	119.
56.1	133.0	17113.0	85.0	-63.4	99.9	299.3	32.5*	28.4	-15.9	424.5	999.9	99.9	999.9	107.3	119.
56.8	134.0	17333.3	82.0	-64.2	99.9	299.1	31.4*	27.4	-15.2	427.3	999.9	99.9	999.9	108.6	119.
57.4	135.0	17484.1	80.0	-65.2	99.9	297.5	32.1*	28.5	-14.8	428.3	999.9	99.9	999.9	109.7	119.
58.3	136.0	17796.6	76.0	-65.2	99.9	295.2	32.4*	29.3	-13.8	434.6	999.9	99.9	999.9	111.5	119.
59.2	137.0	18041.4	73.0	-66.0	99.9	297.4	29.0*	25.7	-13.3	437.9	999.9	99.9	999.9	113.2	119.
60.2	138.0	18382.9	69.0	-66.6	99.9	273.8	25.4*	25.3	-1.7	443.7	999.9	99.9	999.9	114.7	119.
61.1	139.0	18652.7	66.0	-65.2	99.9	287.7	39.5*	37.6	-12.0	452.5	999.9	99.9	999.9	115.5	119.
62.1	140.0	18935.9	63.0	-65.4	99.9	295.3	35.7*	32.3	-15.2	458.1	999.9	99.9	999.9	118.7	119.
63.1	141.0	19234.7	60.0	-62.9	99.9	300.4	22.4*	19.3	-11.3	470.2	999.9	99.9	999.9	120.6	119.
64.2	142.0	19552.0	57.0	-61.0	99.9	319.0	22.0*	14.4	-16.6	481.3	999.9	99.9	999.9	121.2	119.
65.2	143.0	19888.3	54.0	-60.6	99.9	311.9	17.4*	13.0	-11.7	489.7	999.9	99.9	999.9	123.2	119.
66.4	144.0	20242.8	51.0	-62.1	99.9	131.3	26.5*	-19.9	-7.5	494.3	999.9	99.9	999.9	121.2	119.
67.7	145.0	20615.5	48.0	-64.4	99.9	286.9	34.6*	33.1	-10.1	497.5	999.9	99.9	999.9	122.5	119.
68.8	146.0	21146.1	44.0	-65.6	99.9	294.3	33.3*	30.4	-13.7	507.1	999.9	99.9	999.9	125.4	118.
70.2	147.0	21579.4	41.0	-61.7	99.9	294.4	18.4*	16.8	-7.6	527.1	999.9	99.9	999.9	126.7	118.
71.8	148.0	22050.7	38.0	-61.0	99.9	289.0	14.6*	13.8	-4.8	540.5	999.9	99.9	999.9	129.5	118.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 FEBRUARY 1975  
2315 GMT

143 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
73.3	149.0	22559.5	35.0	-62.9	99.9	282.6	3.8*	3.7	-0.8	548.6	999.9	99.9	999.9	129.6	118.
75.1	150.0	22919.1	33.0	-66.2	99.9	127.6	43.8*	-34.7	26.7	549.0	999.9	99.9	999.9	127.1	118.
77.0	151.0	23708.3	29.0	-63.1	99.9	296.2	47.6*	42.7	-21.0	578.3	999.9	99.9	999.9	128.3	118.
78.9	152.0	24382.4	26.0	-61.7	99.9	289.1	30.8*	29.1	-10.0	600.4	999.9	99.9	999.9	133.2	118.
81.3	153.0	25144.9	23.0	-59.9	99.9	305.2	20.9*	17.1	-12.1	627.2	999.9	99.9	999.9	136.0	118.
83.7	154.0	26018.5	20.0	-59.6	99.9	149.9	25.2*	-12.6	21.8	653.8	999.9	99.9	999.9	134.2	117.
86.3	155.0	27032.7	17.0	-60.6	99.9	290.8	31.2*	29.2	-11.1	681.5	999.9	99.9	999.9	139.3	117.
89.8	156.0	28252.1	14.0	-56.8	99.9	999.9	99.9	99.9	99.9	733.4	999.9	99.9	999.9	999.9	999.

STATION NO. 363  
AMARILLO, TEX

7 FEBRUARY 1975  
600 GMT

153 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.0	1095.0	894.4	-4.2	-7.0	200.0	9.3	3.2	8.7	278.0	284.7	2.5	81.0	0.0	0.
0.5	16.0	1214.8	881.0	-1.1	-6.2	219.8	17.8	11.4	13.6	282.5	289.8	2.7	67.7	0.4	29.
0.8	17.0	1315.2	870.0	-0.3	-11.6	222.5	17.5	11.8	12.9	284.2	289.2	1.8	41.8	0.7	34.
1.1	18.0	1407.7	860.0	-0.3	-13.2	225.6	16.6	11.9	11.6	285.1	289.7	1.6	37.0	1.0	37.
1.4	19.0	1501.3	850.0	-0.4	-13.5	230.4	14.8	11.4	9.4	285.9	290.4	1.6	36.3	1.3	40.
1.7	20.0	1595.8	840.0	-1.1	-16.5	237.1	13.1	11.0	7.1	286.2	289.8	1.3	29.8	1.5	42.
2.1	21.0	1710.7	828.0	-0.3	-17.9	248.2	11.4	10.6	4.2	288.2	291.5	1.1	24.8	1.8	45.
2.4	22.0	1807.9	818.0	-0.4	-18.3	255.2	10.9	10.5	2.8	289.0	292.2	1.1	24.3	2.0	48.
2.7	23.0	1915.9	807.0	-1.4	-18.9	260.6	9.9	9.8	1.6	289.1	292.2	1.1	24.9	2.1	50.
3.0	24.0	2005.2	798.0	-1.8	-19.5	266.1	8.6	8.6	0.6	289.5	292.5	1.0	24.4	2.3	53.
3.4	25.0	2105.2	788.0	-3.1	-21.6	267.3	7.7	7.7	0.4	289.2	291.8	0.9	22.4	2.4	55.
3.7	26.0	2226.6	776.0	-3.6	-23.4	265.8	6.7	6.7	0.5	289.9	292.2	0.7	19.7	2.6	57.
4.1	27.0	2328.9	766.0	-4.2	-27.1	261.2	5.1	5.1	0.8	290.3	292.0	0.5	14.8	2.7	58.
4.5	28.0	2421.9	757.0	-4.8	-28.0	256.7	3.4	3.3	0.8	290.6	292.2	0.5	14.2	2.8	59.
4.8	29.0	2526.3	747.0	-5.6	-28.6	262.9	3.7	3.7	0.5	290.9	292.4	0.5	14.2	2.8	59.
5.2	30.0	2621.3	738.0	-6.2	-29.0	271.0	4.3	4.3	-0.1	291.3	292.7	0.5	14.3	2.9	60.
5.5	31.0	2717.2	729.0	-6.3	-30.2	276.3	5.0	5.0	-0.5	292.1	293.4	0.4	13.0	3.0	61.
5.9	32.0	2825.1	719.0	-6.6	-31.6	278.0	5.6	5.6	-0.8	292.9	294.1	0.4	11.6	3.1	62.
6.3	33.0	2912.4	711.0	-7.5	-32.8	281.0	6.1	6.0	-1.2	292.9	294.0	0.3	11.0	3.2	64.
6.6	34.0	3022.5	701.0	-8.0	-31.4	281.3	6.4	6.3	-1.2	293.6	294.8	0.4	13.1	3.3	65.
7.0	35.0	3122.8	692.0	-8.7	-35.1	276.1	6.5	6.4	-0.7	293.8	294.7	0.3	9.6	3.4	67.
7.5	36.0	3246.8	681.0	-9.0	-37.9	275.6	6.6	6.6	-0.6	294.9	295.6	0.2	7.4	3.6	68.
7.8	37.0	3349.7	672.0	-9.6	-38.3	279.2	6.5	6.4	-1.0	295.3	296.0	0.2	7.5	3.7	69.
8.1	38.0	3442.0	664.0	-10.4	-37.9	283.6	6.2	6.1	-1.5	295.4	296.1	0.2	8.3	3.8	70.
8.5	39.0	3547.0	655.0	-10.7	-38.1	291.8	5.8	5.4	-2.2	296.2	296.9	0.2	9.4	4.0	71.
8.9	40.0	3653.3	646.0	-10.9	-39.1	296.4	5.4	4.9	-2.4	297.2	297.9	0.2	7.6	4.0	73.
9.3	41.0	3773.0	636.0	-11.6	-39.5	297.1	5.4	4.8	-2.5	297.7	298.4	0.2	7.7	4.1	74.
9.7	42.0	3869.9	628.0	-12.3	-40.0	296.5	5.8	5.2	-2.6	298.0	298.6	0.2	7.8	4.2	75.
10.0	43.0	3980.0	619.0	-13.0	-40.4	296.2	6.3	5.7	-2.8	298.4	299.0	0.2	7.9	4.3	76.
10.4	44.0	4079.3	611.0	-12.6	-39.3	299.2	7.3	6.4	-3.6	300.0	300.7	0.2	8.6	4.4	77.
10.7	45.0	4192.4	602.0	-13.3	-36.9	302.7	8.0	6.7	-4.3	300.5	301.2	0.2	9.4	4.5	78.
11.1	46.0	4294.1	594.0	-13.8	-39.3	308.4	8.9	7.0	-5.6	301.0	301.7	0.2	9.5	4.7	80.
11.4	47.0	4397.0	586.0	-14.4	-39.7	313.3	9.6	7.0	-6.6	301.5	302.2	0.2	9.5	4.8	81.
11.7	48.0	4501.2	578.0	-14.7	-39.9	317.1	10.3	7.0	-7.6	302.3	303.0	0.2	9.6	4.9	83.
12.1	49.0	4593.3	571.0	-15.2	-40.2	320.2	11.3	7.3	-8.7	302.7	303.4	0.2	9.6	5.0	86.
12.5	50.0	4713.2	562.0	-15.8	-40.6	320.0	12.3	7.9	-9.4	303.5	304.1	0.2	9.7	5.2	88.
13.0	51.0	4835.0	553.0	-15.8	-41.4	316.2	13.4	9.3	-9.6	304.9	305.5	0.2	8.9	5.4	92.
13.3	52.0	4944.8	545.0	-16.1	-41.5	314.9	13.8	9.8	-9.8	305.8	306.4	0.2	9.0	5.6	93.
13.7	53.0	5056.0	537.0	-16.7	-42.0	314.3	14.6	10.4	-10.2	306.3	306.9	0.2	9.0	5.9	95.
14.1	54.0	5154.5	530.0	-16.7	-42.0	314.8	15.5	11.0	-11.0	307.4	308.1	0.2	9.0	6.2	97.
14.5	55.0	5268.7	522.0	-17.2	-42.3	315.1	17.0	12.0	-12.1	308.3	308.9	0.2	9.1	6.4	100.
15.0	56.0	5384.5	514.0	-17.2	-43.1	315.3	19.5	13.7	-13.9	309.6	310.2	0.2	8.3	6.9	102.
15.4	57.0	5502.1	506.0	-17.6	-43.3	315.8	22.2	15.5	-15.9	310.5	311.1	0.2	8.4	7.4	104.
15.8	58.0	5606.3	499.0	-17.7	-43.4	315.6	25.5	17.8	-18.2	311.6	312.2	0.2	8.4	7.7	106.
16.2	59.0	5727.3	491.0	-17.7	-43.4	315.3	28.7	20.2	-20.4	313.0	313.6	0.2	8.4	8.3	109.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

7 FEBRUARY 1975  
600 GMT

153 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.6	60.0	5834.6	484.0	-18.1	-43.7	315.1	31.2	22.0	-22.1	313.8	314.4	0.2	8.5	9.1	111.
17.0	61.0	5943.3	477.0	-18.9	-43.5	315.3	32.3	22.7	-23.0	314.1	314.7	0.2	9.3	9.8	113.
17.3	62.0	6053.3	470.0	-19.5	-42.5	315.2	32.9	23.2	-23.3	314.8	315.5	0.2	10.8	10.3	114.
17.8	63.0	6164.6	463.0	-20.1	-41.9	314.3	34.1	24.4	-23.8	315.3	316.0	0.2	12.2	11.2	116.
18.1	64.0	6277.4	456.0	-20.7	-42.3	313.4	34.9	25.3	-24.0	316.0	316.7	0.2	12.3	11.8	117.
18.5	65.0	6391.6	449.0	-21.6	-41.6	312.1	35.8	26.6	-24.0	316.2	317.0	0.2	14.4	12.7	118.
19.0	66.0	6523.8	441.0	-22.9	-42.6	310.9	36.5	27.6	-23.9	316.2	316.9	0.2	14.5	13.8	119.
19.3	67.0	6623.9	435.0	-24.1	-43.5	310.5	37.1	28.2	-24.1	315.9	316.6	0.2	14.6	14.3	119.
19.7	68.0	6742.0	428.0	-25.2	-44.0	310.2	37.7	28.8	-24.3	316.0	316.7	0.2	15.3	15.2	120.
20.0	69.0	6861.6	421.0	-26.2	-44.8	310.1	38.1	29.2	-24.6	316.2	316.8	0.2	15.4	16.0	120.
20.4	70.0	6965.2	415.0	-27.3	-45.2	310.3	38.3	29.2	-24.8	316.1	316.7	0.2	16.1	16.8	121.
20.8	71.0	7105.0	407.0	-28.6	-46.3	310.5	38.3	29.1	-24.9	316.2	316.7	0.1	16.2	17.8	121.
21.2	72.0	7211.1	401.0	-29.8	-46.9	310.5	37.9	28.8	-24.6	316.0	316.5	0.1	16.9	18.7	122.
21.7	73.0	7336.4	394.0	-31.0	-47.6	310.3	36.9	28.2	-23.9	316.1	316.5	0.1	17.6	19.8	122.
22.0	74.0	7445.0	388.0	-32.0	-47.6	310.2	36.3	27.8	-23.5	316.1	316.6	0.1	19.3	20.5	123.
22.5	75.0	7554.8	382.0	-33.2	-47.9	310.2	36.6	28.0	-23.6	315.9	316.4	0.1	21.0	21.4	123.
22.9	76.0	7665.9	376.0	-34.1	-48.7	310.4	37.2	28.4	-24.1	316.1	316.6	0.1	21.0	22.5	123.
23.2	77.0	7778.3	370.0	-35.2	-48.6	310.6	37.2	28.3	-24.2	316.2	316.6	0.1	21.1	23.1	123.
23.7	78.0	7892.0	364.0	-36.1	-50.3	311.1	36.9	27.8	-24.2	316.4	316.8	0.1	21.2	24.2	124.
24.1	79.0	8007.3	358.0	-36.6	-50.8	311.7	36.6	27.3	-24.3	317.2	317.6	0.1	21.2	25.1	124.
24.5	80.0	8124.2	352.0	-37.7	-53.0	312.3	36.7	27.1	-24.7	317.3	317.6	0.1	18.1	25.8	124.
25.0	81.0	8262.3	345.0	-39.0	-54.1	313.3	37.0	26.9	-25.3	317.4	317.6	0.1	18.2	27.1	125.
25.4	82.0	8362.2	340.0	-40.1	99.9	314.0	37.1	26.7	-25.8	317.3	999.9	99.9	999.9	27.9	125.
25.8	83.0	8483.5	334.0	-40.9	99.9	314.7	37.3	26.5	-26.2	317.8	999.9	99.9	999.9	28.7	125.
26.2	84.0	8585.9	329.0	-41.9	99.9	315.1	37.0	26.1	-26.2	317.9	999.9	99.9	999.9	29.6	126.
26.5	85.0	8710.3	323.0	-43.0	99.9	315.3	36.3	25.5	-25.8	318.0	999.9	99.9	999.9	30.4	126.
27.0	86.0	8857.6	316.0	-44.3	99.9	315.2	34.6	24.4	-24.6	318.1	999.9	99.9	999.9	31.5	126.
27.5	87.0	8964.3	311.0	-45.2	99.9	314.5	35.6	25.4	-25.0	318.4	999.9	99.9	999.9	32.1	126.
27.9	88.0	9072.3	306.0	-46.2	99.9	314.1	37.0	26.6	-25.8	318.5	999.9	99.9	999.9	33.2	127.
28.2	89.0	9203.7	300.0	-47.2	99.9	313.7	37.4	27.0	-25.9	318.9	999.9	99.9	999.9	34.0	127.
28.6	90.0	9314.7	295.0	-48.3	99.9	313.0	37.5	27.5	-25.6	318.8	999.9	99.9	999.9	34.9	127.
29.0	91.0	9404.4	291.0	-49.0	99.9	311.4	38.1	28.6	-25.2	319.0	999.9	99.9	999.9	35.5	127.
29.3	92.0	9540.8	285.0	-50.2	99.9	309.7	38.4	29.5	-24.6	319.2	999.9	99.9	999.9	36.3	127.
29.7	93.0	9656.1	280.0	-51.4	99.9	307.4	37.4	29.7	-22.7	319.1	999.9	99.9	999.9	37.4	127.
30.0	94.0	9772.8	275.0	-52.8	99.9	305.3	35.7	29.1	-20.6	318.8	999.9	99.9	999.9	38.2	127.
30.3	95.0	9891.0	270.0	-53.6	99.9	303.4	34.2	28.5	-18.8	319.4	999.9	99.9	999.9	38.7	127.
30.9	96.0	10035.1	264.0	-54.8	99.9	300.9	34.5	29.6	-17.7	319.6	999.9	99.9	999.9	39.7	127.
31.2	97.0	10157.1	259.0	-56.1	99.9	300.6	35.8	30.8	-18.2	319.5	999.9	99.9	999.9	40.4	127.
31.8	98.0	10255.9	255.0	-56.7	99.9	300.0	37.8	32.7	-18.9	319.9	999.9	99.9	999.9	41.8	127.
32.2	99.0	10381.1	250.0	-57.9	99.9	298.7	38.4	33.7	-18.5	320.0	999.9	99.9	999.9	42.7	127.
32.7	100.0	10508.3	245.0	-58.6	99.9	296.9	39.6	35.4	-17.9	320.9	999.9	99.9	999.9	43.8	126.
33.2	101.0	10637.6	240.0	-59.4	99.9	296.0	42.1	37.8	-18.5	321.5	999.9	99.9	999.9	45.0	126.
33.7	102.0	10769.8	235.0	-58.2	99.9	296.3	44.6	40.0	-19.8	325.2	999.9	99.9	999.9	46.2	126.
34.0	103.0	10877.6	231.0	-59.2	99.9	296.7	45.6	40.7	-20.5	325.3	999.9	99.9	999.9	47.2	126.
34.5	104.0	11014.5	226.0	-59.9	99.9	295.9	43.8	39.4	-19.2	326.3	999.9	99.9	999.9	48.6	125.

\* BY SPFD MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

7 FEBRUARY 1975  
600 GMT

153 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.9	105.0	11125.9	222.0	-60.4	99.9	294.1	42.2	38.6	-17.3	327.1	999.9	99.9	999.9	49.5	125.
35.3	106.0	11239.6	218.0	-58.9	99.9	293.1	43.5	40.0	-17.1	331.2	999.9	99.9	999.9	50.4	125.
35.7	107.0	11355.8	214.0	-59.1	99.9	293.3	46.3	42.5	-18.3	332.7	999.9	99.9	999.9	51.3	125.
36.2	108.0	11504.1	209.0	-58.9	99.9	294.4	47.6	43.3	-19.6	335.3	999.9	99.9	999.9	52.9	124.
36.7	109.0	11625.6	205.0	-57.9	99.9	295.3	42.1	38.1	-18.0	338.7	999.9	99.9	999.9	54.6	124.
37.2	110.0	11750.0	201.0	-57.4	99.9	296.7	35.5	31.7	-16.0	341.4	999.9	99.9	999.9	55.5	124.
37.8	111.0	11909.3	196.0	-57.2	99.9	300.3	38.7	33.5	-19.5	344.1	999.9	99.9	999.9	56.4	124.
38.2	112.0	12039.9	192.0	-56.6	99.9	302.1	46.0*	39.0	-24.4	347.2	999.9	99.9	999.9	57.4	124.
38.7	113.0	12173.3	188.0	-56.9	99.9	302.8	52.2*	43.8	-28.3	348.8	999.9	99.9	999.9	59.2	124.
39.2	114.0	12275.0	185.0	-57.7	99.9	301.9	48.8*	41.4	-25.8	349.1	999.9	99.9	999.9	60.9	124.
39.7	115.0	12412.9	181.0	-57.9	99.9	298.3	38.6*	34.0	-18.3	351.0	999.9	99.9	999.9	62.4	124.
40.2	116.0	12589.5	176.0	-57.9	99.9	290.7	29.5*	27.6	-10.4	353.8	999.9	99.9	999.9	63.2	124.
40.8	117.0	12697.9	173.0	-57.9	99.9	277.8	25.2*	25.0	-3.4	355.6	999.9	99.9	999.9	64.0	123.
41.2	118.0	12845.7	169.0	-57.2	99.9	271.3	25.4*	25.4	-0.6	359.0	999.9	99.9	999.9	64.6	123.
41.8	119.0	12997.4	165.0	-56.6	99.9	272.2	29.7*	29.7	-1.1	362.6	999.9	99.9	999.9	65.1	122.
42.2	120.0	13113.9	162.0	-56.1	99.9	278.3	36.6*	36.2	-5.3	365.3	999.9	99.9	999.9	65.7	122.
42.9	121.0	13272.8	158.0	-56.2	99.9	286.6	52.3*	50.1	-14.9	367.7	999.9	99.9	999.9	67.5	122.
43.3	122.0	13394.5	155.0	-56.7	99.9	288.3	57.5*	54.6	-18.0	368.9	999.9	99.9	999.9	69.0	121.
43.9	123.0	13560.2	151.0	-56.7	99.9	288.5	57.6*	54.6	-18.2	371.6	999.9	99.9	999.9	71.1	121.
44.3	124.0	13687.1	148.0	-57.7	99.9	287.0	50.7*	48.5	-14.9	372.1	999.9	99.9	999.9	72.7	121.
44.9	125.0	13816.2	145.0	-58.4	99.9	282.6	34.8*	34.0	-7.6	373.1	999.9	99.9	999.9	74.1	120.
45.4	126.0	13991.7	141.0	-59.4	99.9	279.5	24.2*	23.9	-4.0	374.3	999.9	99.9	999.9	75.0	120.
46.0	127.0	14126.3	138.0	-59.8	99.9	286.7	24.9*	23.9	-7.1	376.0	999.9	99.9	999.9	75.0	120.
46.5	128.0	14310.3	134.0	-59.4	99.9	293.9	37.0*	33.8	-15.0	379.8	999.9	99.9	999.9	76.1	120.
47.0	129.0	14451.9	131.0	-59.8	99.9	297.1	46.8*	41.7	-21.3	381.7	999.9	99.9	999.9	77.6	120.
47.6	130.0	14596.6	128.0	-60.1	99.9	299.0	48.0*	42.0	-23.2	383.6	999.9	99.9	999.9	79.5	120.
48.2	131.0	14794.7	124.0	-60.1	99.9	299.7	48.2*	41.9	-23.9	387.1	999.9	99.9	999.9	81.1	120.
48.8	132.0	14947.2	121.0	-61.2	99.9	299.7	55.5*	48.2	-27.5	387.9	999.9	99.9	999.9	82.6	120.
49.3	133.0	15102.8	118.0	-62.0	99.9	299.0	59.1*	51.7	-28.7	389.0	999.9	99.9	999.9	84.8	120.
49.9	134.0	15208.2	116.0	-63.1	99.9	296.1	54.3*	48.8	-23.9	388.9	999.9	99.9	999.9	87.0	120.
50.3	135.0	15369.3	113.0	-63.3	99.9	293.1	50.1*	46.1	-19.7	391.5	999.9	99.9	999.9	88.0	120.
51.0	136.0	15590.8	109.0	-63.3	99.9	289.8	43.5*	40.9	-14.7	395.5	999.9	99.9	999.9	90.3	119.
51.7	137.0	15820.3	105.0	-63.9	99.9	289.8	34.2*	32.1	-11.6	398.7	999.9	99.9	999.9	91.7	119.
52.3	138.0	15997.4	102.0	-65.2	99.9	289.0	29.1*	27.5	-9.5	399.5	999.9	99.9	999.9	92.7	119.
53.0	139.0	16178.7	99.0	-66.4	99.9	285.0	27.4*	26.5	-7.1	400.6	999.9	99.9	999.9	93.8	119.
53.9	140.0	16428.2	95.0	-66.8	99.9	282.4	26.1*	25.5	-5.6	404.6	999.9	99.9	999.9	95.3	119.
54.8	141.0	16622.1	92.0	-67.0	99.9	289.2	32.2*	30.4	-10.6	407.9	999.9	99.9	999.9	96.4	119.
55.7	142.0	16822.2	89.0	-67.2	99.9	289.1	36.7*	34.7	-12.0	411.4	999.9	99.9	999.9	98.8	118.
56.3	143.0	17029.0	86.0	-67.4	99.9	289.0	33.8*	32.0	-11.0	415.0	999.9	99.9	999.9	99.9	118.
57.0	144.0	17242.3	83.0	-68.6	99.9	293.0	31.9*	29.4	-12.5	416.8	999.9	99.9	999.9	101.2	118.
57.8	145.0	17537.6	79.0	-69.5	99.9	295.1	27.7*	25.1	-11.7	420.9	999.9	99.9	999.9	102.8	118.
58.7	146.0	17691.0	77.0	-68.4	99.9	298.0	27.2*	24.0	-12.8	426.2	999.9	99.9	999.9	104.0	118.
59.6	147.0	18012.1	73.0	-56.8	99.9	296.3	29.9*	26.8	-13.3	436.2	999.9	99.9	999.9	105.7	118.
60.5	148.0	18265.7	70.0	-67.0	99.9	297.7	26.4*	23.3	-12.3	441.1	999.9	99.9	999.9	107.2	118.
61.6	149.0	18530.9	67.0	-65.8	99.9	298.0	27.4*	24.2	-12.9	449.2	999.9	99.9	999.9	108.8	118.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

7 FEBRUARY 1975  
600 GMT

153 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.5	150.0	18809.1	64.0	-66.0	99.9	296.2	31.0*	27.8	-3.7	454.7	999.9	99.9	999.9	110.5	118.
63.4	151.0	19100.6	61.0	-65.6	99.9	294.4	32.5*	29.6	-13.4	461.9	999.9	99.9	999.9	112.2	118.
64.3	152.0	19407.9	58.0	-64.6	99.9	296.9	31.9*	28.4	-14.4	470.8	999.9	99.9	999.9	114.0	118.
65.3	153.0	19732.0	55.0	-65.0	99.9	288.8	16.5*	15.6	-5.3	477.1	999.9	99.9	999.9	115.9	118.
66.3	154.0	20072.5	52.0	-66.8	99.9	153.7	13.5*	-6.0	12.1	480.7	999.9	99.9	999.9	115.8	118.
67.7	155.0	20311.7	50.0	-63.1	99.9	206.0	9.9*	4.3	8.9	494.7	999.9	99.9	999.9	114.6	117.
68.9	156.0	20693.1	47.0	-62.2	99.9	278.5	12.3*	12.2	-1.8	505.7	999.9	99.9	999.9	115.5	117.
70.1	157.0	21099.4	44.0	-63.5	99.9	279.5	18.5*	18.2	-3.1	512.2	999.9	99.9	999.9	116.5	117.
71.3	158.0	21531.7	41.0	-64.8	99.9	266.3	10.3*	10.3	0.7	519.4	999.9	99.9	999.9	117.0	117.
72.9	159.0	21996.8	38.0	-63.5	99.9	292.7	29.2*	26.9	-11.3	534.2	999.9	99.9	999.9	119.1	117.
74.3	160.0	22502.7	35.0	-62.8	99.9	295.6	30.9*	27.8	-13.3	548.8	999.9	99.9	999.9	121.8	117.
75.9	161.0	23053.7	32.0	-63.7	99.9	11.8	2.1*	-0.4	-2.1	560.6	999.9	99.9	999.9	123.8	117.
77.7	162.0	23658.0	29.0	-63.5	99.9	70.6	1.0*	-0.9	-0.3	577.1	999.9	99.9	999.9	122.8	117.
79.3	163.0	24097.2	27.0	-63.1	99.9	285.7	5.2*	5.0	-1.4	590.1	999.9	99.9	999.9	123.7	117.
81.3	164.0	24821.4	24.0	-63.3	99.9	290.6	28.4	26.6	-10.0	609.7	999.9	99.9	999.9	125.7	117.
83.7	165.0	25642.1	21.0	-63.3	99.9	284.8	12.8	12.4	-3.3	633.5	999.9	99.9	999.9	128.2	116.
86.4	166.0	26595.6	18.0	-60.6	99.9	291.1	18.7	17.4	-6.7	670.5	999.9	99.9	999.9	131.1	116.
88.2	167.0	27733.4	15.0	-59.6	99.9	999.9	99.9	99.9	99.9	705.9	999.9	99.9	999.9	999.9	999.

STATION NO. 363  
AMARILLO, TEX

7 FEBRUARY 1975  
1115 GMT

155 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.4	1095.0	891.0	-4.8	-6.9	210.0	5.1	2.5	4.4	277.7	284.4	2.6	85.0	0.0	0.
0.2	16.0	1157.2	884.0	-4.2	-7.6	213.0	19.9	15.9	12.0	278.9	285.4	2.4	77.2	0.3	37.
0.5	17.0	1256.1	873.0	-3.6	-7.5	231.0	19.9	15.9	12.0	280.5	287.2	2.5	74.6	0.3	37.
0.8	18.0	1347.5	863.0	-1.7	-9.8	235.1	19.4	15.9	11.1	283.4	289.1	2.1	53.9	0.7	45.
1.1	19.0	1440.6	853.0	0.2	-11.4	237.0	18.6	15.6	10.1	286.3	291.5	1.9	41.1	1.0	49.
1.4	20.0	1535.2	843.0	0.7	-12.9	238.1	17.1	14.5	9.0	287.8	292.5	1.7	35.4	1.4	52.
1.8	21.0	1650.2	831.0	0.4	-15.8	238.4	15.0	12.8	7.9	288.5	292.4	1.3	28.5	1.7	53.
2.1	22.0	1756.9	820.0	-0.5	-17.9	238.5	13.4	11.4	7.0	288.8	292.1	1.1	25.3	2.0	53.
2.4	23.0	1854.6	810.0	-1.1	-19.4	239.4	11.7	10.0	5.9	289.1	292.1	1.0	23.3	2.2	54.
2.7	24.0	1943.9	801.0	-1.1	-19.6	236.1	9.9	8.2	5.5	290.0	293.0	1.0	22.8	2.4	55.
3.0	25.0	2044.0	791.0	-1.6	-21.5	228.7	8.2	6.2	5.4	290.5	293.1	0.9	20.1	2.6	55.
3.4	26.0	2165.6	779.0	-1.7	-25.2	212.5	8.5	4.6	7.2	291.6	293.5	0.6	14.6	2.7	54.
3.7	27.0	2257.9	770.0	-2.5	-26.3	206.5	9.6	4.3	8.6	291.7	293.5	0.6	14.0	2.9	52.
4.0	28.0	2361.5	760.0	-2.7	-28.8	203.8	10.9	4.4	10.0	292.6	294.1	0.5	11.2	3.0	50.
4.3	29.0	2466.5	750.0	-2.5	-28.7	204.0	11.0	4.5	10.0	293.9	295.4	0.5	11.2	3.2	49.
4.6	30.0	2562.1	741.0	-3.3	-29.2	203.6	10.8	4.3	9.9	294.1	295.5	0.5	11.3	3.4	47.
5.0	31.0	2669.4	731.0	-4.1	-29.8	201.3	9.9	3.6	9.2	294.3	295.7	0.4	11.3	3.7	46.
5.3	32.0	2756.0	723.0	-4.8	-30.3	204.2	9.8	4.0	9.0	294.4	295.8	0.4	11.4	3.8	45.
5.7	33.0	2865.4	713.0	-5.6	-30.8	208.3	9.1	4.3	8.0	294.8	296.1	0.4	11.5	4.0	44.
5.9	34.0	2953.8	705.0	-5.9	-31.1	210.9	8.5	4.4	7.3	295.4	296.7	0.4	11.5	4.1	43.
6.3	35.0	3054.3	696.0	-6.3	-31.4	222.7	7.4	5.0	5.4	296.0	297.2	0.4	11.6	4.3	43.
6.7	36.0	3178.7	685.0	-6.9	-31.8	239.9	6.8	5.9	3.4	296.7	297.9	0.4	11.6	4.5	43.
7.0	37.0	3282.5	676.0	-3.6	-29.4	253.7	6.8	6.6	1.9	301.5	303.1	0.5	11.3	4.6	43.
7.4	38.0	3388.2	667.0	-4.1	-29.8	267.9	7.3	7.3	0.3	302.2	303.7	0.5	11.3	4.7	45.
7.7	39.0	3483.2	659.0	-4.8	-30.3	275.4	7.7	7.7	-0.7	302.3	303.8	0.5	11.4	4.8	47.
8.0	40.0	3591.2	650.0	-5.6	-30.8	281.3	8.2	8.1	-1.6	302.7	304.1	0.4	11.5	4.9	48.
8.4	41.0	3712.6	640.0	-6.2	-31.3	285.8	9.1	8.7	-2.5	303.3	304.7	0.4	11.6	5.0	50.
8.8	42.0	3823.2	631.0	-6.8	-31.7	287.8	10.1	9.6	-3.1	303.9	305.3	0.4	11.6	5.1	52.
9.1	43.0	3922.6	623.0	-7.7	-32.3	288.4	11.0	10.5	-3.5	304.0	305.3	0.4	11.7	5.2	54.
9.4	44.0	4023.0	615.0	-8.3	-32.7	288.5	12.0	11.4	-3.8	304.4	305.7	0.4	11.8	5.4	55.
9.7	45.0	4137.2	606.0	-9.2	-33.4	289.3	13.0	12.2	-4.3	304.7	305.9	0.4	11.8	5.5	57.
10.0	46.0	4239.8	598.0	-10.0	-34.0	290.2	14.0	13.1	-4.8	304.8	306.0	0.4	11.9	5.7	59.
10.3	47.0	4356.7	589.0	-10.2	-34.1	291.6	14.9	13.9	-5.5	306.0	307.2	0.4	11.9	5.8	61.
10.7	48.0	4448.7	582.0	-10.7	-34.5	292.8	16.0	14.7	-6.2	306.3	307.5	0.3	12.0	6.1	64.
11.0	49.0	4555.0	574.0	-11.2	-34.8	293.3	16.7	15.3	-6.6	307.1	308.2	0.3	12.0	6.3	66.
11.3	50.0	4662.7	566.0	-11.5	-35.0	293.8	17.0	15.6	-6.9	308.0	309.1	0.3	12.1	6.5	68.
11.7	51.0	4799.4	556.0	-11.5	-35.0	295.6	17.3	15.6	-7.5	309.5	310.7	0.3	12.1	6.8	71.
12.1	52.0	4910.4	548.0	-12.0	-35.4	298.7	17.4	15.3	-8.4	310.1	311.3	0.3	12.1	7.1	73.
12.4	53.0	5008.7	541.0	-12.2	-35.5	301.5	17.7	15.1	-9.3	311.1	312.3	0.3	12.1	7.3	75.
12.9	54.0	5122.5	533.0	-12.6	-34.8	304.4	19.2	15.8	-10.8	311.9	313.2	0.4	13.5	7.6	78.
13.3	55.0	5223.4	526.0	-12.9	-34.1	304.9	20.9	17.2	-12.0	312.8	314.1	0.4	14.9	8.0	80.
13.7	56.0	5369.4	516.0	-14.0	-33.4	304.9	22.8	18.7	-13.0	313.1	314.6	0.4	17.4	8.4	83.
14.1	57.0	5472.9	509.0	-15.0	-32.4	304.9	24.4	20.0	-14.0	313.2	314.8	0.5	20.9	8.8	85.
14.4	58.0	5592.5	501.0	-15.9	-31.8	305.0	25.3	20.7	-14.5	313.4	315.2	0.5	24.0	9.2	87.
14.8	59.0	5698.4	494.0	-16.8	-31.4	305.0	26.0	21.3	-14.9	313.7	315.6	0.6	26.7	9.7	89.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 363  
AMARILLO, TEX

7 FEBRUARY 1975  
1115 GMT

155 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.1	60.0	5805.4	487.0	-17.7	-30.7	304.8	26.4	21.7	-15.0	313.8	315.8	0.6	31.1	10.0	91.
15.5	61.0	5913.6	480.0	-18.5	-31.2	304.1	26.5	22.0	-14.9	314.1	316.1	0.6	31.8	10.6	93.
15.9	62.0	6023.0	473.0	-19.2	-32.3	302.8	26.6	22.4	-14.4	314.6	316.4	0.5	30.0	11.1	95.
16.2	63.0	6133.7	466.0	-20.3	-33.1	301.6	26.7	22.8	-14.0	314.6	316.3	0.5	30.7	11.6	96.
16.6	64.0	6245.6	459.0	-21.4	-33.9	299.9	26.8	23.2	-13.4	314.6	316.2	0.5	31.1	12.1	97.
16.9	65.0	6358.8	452.0	-22.3	-34.7	298.6	26.7	23.4	-12.7	314.8	316.3	0.4	31.1	12.6	98.
17.4	66.0	6489.8	444.0	-23.4	-35.7	296.4	26.1	23.4	-11.6	315.1	316.5	0.4	31.1	13.4	99.
17.8	67.0	6605.9	437.0	-24.2	-36.4	294.9	25.8	23.4	-10.8	315.5	316.8	0.4	31.1	14.0	100.
18.1	68.0	6723.4	430.0	-25.1	-37.3	294.0	25.8	23.6	-10.5	315.8	317.0	0.4	30.8	14.4	100.
18.5	69.0	6825.4	424.0	-26.0	-38.3	293.3	26.2	24.0	-10.4	315.9	317.0	0.3	30.1	14.9	101.
18.8	70.0	6945.6	417.0	-27.1	-39.3	293.4	26.4	24.2	-10.5	316.0	317.1	0.3	30.1	15.5	101.
19.3	71.0	7085.0	409.0	-28.2	-40.3	293.3	26.5	24.3	-10.5	316.2	317.2	0.3	30.1	16.3	102.
19.6	72.0	7190.8	403.0	-29.2	-41.1	292.8	26.4	24.3	-10.2	316.4	317.3	0.3	30.1	16.7	102.
20.0	73.0	7297.7	397.0	-30.5	-42.1	291.5	26.3	24.5	-9.6	316.0	316.9	0.2	30.8	17.3	103.
20.4	74.0	7405.9	391.0	-31.1	-42.9	290.6	26.4	24.7	-9.3	316.6	317.3	0.2	30.1	17.9	103.
20.8	75.0	7515.3	385.0	-32.2	-43.8	290.9	26.5	24.8	-9.5	316.6	317.3	0.2	30.1	18.6	103.
21.2	76.0	7644.5	378.0	-33.3	-44.8	292.3	26.9	24.9	-10.2	316.7	317.3	0.2	30.1	19.2	103.
21.6	77.0	7737.8	373.0	-34.4	-46.3	294.0	27.6	25.2	-11.2	316.5	317.1	0.2	28.4	19.8	104.
22.0	78.0	7870.1	366.0	-35.1	-47.5	295.4	28.5	25.8	-12.2	317.3	317.8	0.1	26.5	20.5	104.
22.3	79.0	7965.9	361.0	-35.9	-48.9	295.9	28.7	25.8	-12.5	317.5	317.9	0.1	24.4	21.1	104.
22.7	80.0	8082.1	355.0	-37.0	-50.1	296.2	28.6	25.7	-12.6	317.4	317.8	0.1	24.0	21.7	105.
23.1	81.0	8219.5	348.0	-38.3	-51.8	296.0	28.2	25.3	-12.4	317.6	317.9	0.1	22.3	22.4	105.
23.5	82.0	8338.9	342.0	-39.2	-52.6	295.6	27.9	25.1	-12.0	317.9	318.2	0.1	22.3	23.1	105.
23.9	83.0	8439.7	337.0	-40.1	-53.9	295.5	28.7	25.9	-12.4	318.1	999.9	99.9	999.9	23.7	106.
24.2	84.0	8562.0	331.0	-41.1	-55.9	295.9	29.7	26.7	-13.0	318.4	999.9	99.9	999.9	24.1	106.
24.6	85.0	8665.2	326.0	-42.2	-58.9	296.9	30.9	27.6	-14.0	318.3	999.9	99.9	999.9	24.9	106.
25.0	86.0	8811.7	319.0	-43.4	-62.9	298.3	31.5	27.7	-14.9	318.5	999.9	99.9	999.9	25.8	106.
25.4	87.0	8939.2	313.0	-44.5	-67.9	300.1	31.5	27.3	-15.8	318.7	999.9	99.9	999.9	26.4	107.
25.8	88.0	9046.8	308.0	-45.5	-73.9	301.7	31.6	26.9	-16.6	318.8	999.9	99.9	999.9	27.1	107.
26.2	89.0	9155.6	303.0	-46.6	-80.9	303.2	31.3	26.2	-17.1	318.7	999.9	99.9	999.9	27.9	108.
26.5	90.0	9265.8	298.0	-47.8	-88.9	304.3	30.8	25.4	-17.3	318.6	999.9	99.9	999.9	28.6	108.
27.0	91.0	9377.2	293.0	-48.8	-97.9	305.2	30.1	24.6	-17.4	318.7	999.9	99.9	999.9	29.2	108.
27.4	92.0	9512.8	287.0	-50.0	-107.9	305.3	30.3	24.7	-17.5	318.9	999.9	99.9	999.9	29.9	109.
27.9	93.0	9627.4	282.0	-51.2	-118.9	305.6	30.0	24.4	-17.5	318.8	999.9	99.9	999.9	31.0	109.
28.4	94.0	9743.4	277.0	-52.2	-130.9	306.0	30.9	25.0	-18.2	318.9	999.9	99.9	999.9	31.7	110.
28.9	95.0	9861.0	272.0	-53.2	-143.9	306.2	33.6	27.1	-19.8	319.3	999.9	99.9	999.9	32.5	110.
29.5	96.0	10004.4	266.0	-54.2	-157.9	307.7	34.8	27.6	-21.3	319.7	999.9	99.9	999.9	34.0	111.
29.9	97.0	10125.9	261.0	-55.0	-172.9	310.4	33.3	25.3	-21.6	320.3	999.9	99.9	999.9	34.7	111.
30.3	98.0	10249.1	256.0	-56.3	-188.9	312.9	32.1	23.6	-21.9	320.2	999.9	99.9	999.9	35.3	112.
30.7	99.0	10348.9	252.0	-57.1	-205.9	314.1	31.9	22.9	-22.2	320.4	999.9	99.9	999.9	36.1	112.
31.1	100.0	10475.5	247.0	-57.8	-223.9	313.5	32.7	23.8	-22.5	321.2	999.9	99.9	999.9	36.8	113.
31.6	101.0	10604.6	242.0	-57.5	-242.9	310.3	34.6	26.4	-22.4	323.6	999.9	99.9	999.9	37.5	113.
32.0	102.0	10736.2	237.0	-58.5	-262.9	307.2	35.5	28.3	-21.5	324.1	999.9	99.9	999.9	38.7	114.
32.4	103.0	10843.0	233.0	-59.3	-283.9	304.1	34.8	28.8	-19.5	324.3	999.9	99.9	999.9	39.4	114.
32.7	104.0	10978.7	228.0	-59.8	-305.9	301.6	34.8	29.7	-18.2	325.6	999.9	99.9	999.9	40.0	114.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

7 FEBRUARY 1975  
1115 GMT

155 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.1	105.0	11089.1	224.0	-60.7	99.9	298.5	35.9	31.6	-17.1	325.9	999.9	99.9	999.9	40.8	114.
33.4	106.0	11201.0	220.0	-61.6	99.9	296.6	38.3	34.2	-17.2	326.2	999.9	99.9	999.9	41.4	114.
33.8	107.0	11314.4	216.0	-62.5	99.9	295.3	41.6	37.6	-17.8	326.5	999.9	99.9	999.9	42.3	114.
34.2	108.0	11458.6	211.0	-63.4	99.9	295.1	43.3	39.2	-18.4	327.3	999.9	99.9	999.9	43.5	114.
34.7	109.0	11576.0	207.0	-64.0	99.9	296.4	42.3	37.9	-18.8	328.2	999.9	99.9	999.9	44.9	114.
35.2	110.0	11666.1	204.0	-61.1	99.9	298.4	39.8	35.0	-18.9	334.2	999.9	99.9	999.9	46.0	114.
35.8	111.0	11821.1	199.0	-58.6	99.9	298.7	38.2	33.5	-18.3	340.4	999.9	99.9	999.9	47.4	114.
36.2	112.0	11948.9	195.0	-58.0	99.9	297.0	37.6	33.5	-17.1	343.4	999.9	99.9	999.9	48.3	115.
36.8	113.0	12079.8	191.0	-57.1	99.9	294.1	36.3	33.2	-14.8	346.8	999.9	99.9	999.9	49.7	115.
37.3	114.0	12213.6	187.0	-57.3	99.9	292.8	36.0	33.2	-14.0	348.7	999.9	99.9	999.9	50.7	114.
37.7	115.0	12350.0	183.0	-58.5	99.9	292.0	36.8	34.1	-13.7	348.9	999.9	99.9	999.9	51.6	114.
38.3	116.0	12524.0	178.0	-58.8	99.9	289.2	37.9	35.8	-12.5	351.1	999.9	99.9	999.9	52.9	114.
38.8	117.0	12630.9	175.0	-58.3	99.9	285.6	36.4	35.1	-9.8	353.7	999.9	99.9	999.9	54.2	114.
39.2	118.0	12776.7	171.0	-57.3	99.9	283.6	35.2	34.2	-8.3	357.7	999.9	99.9	999.9	55.1	114.
39.8	119.0	12926.5	167.0	-57.0	99.9	284.2	38.4	37.2	-9.4	360.7	999.9	99.9	999.9	55.8	114.
40.2	120.0	13041.2	164.0	-57.3	99.9	285.6	42.4	40.8	-11.4	362.0	999.9	99.9	999.9	56.9	114.
40.8	121.0	13197.3	160.0	-57.1	99.9	286.4	43.4	41.7	-12.3	364.8	999.9	99.9	999.9	58.8	113.
41.3	122.0	13317.0	157.0	-57.3	99.9	286.2	40.3	38.7	-11.3	366.5	999.9	99.9	999.9	60.0	113.
41.9	123.0	13480.1	153.0	-57.5	99.9	285.5	36.2	34.9	-9.7	369.0	999.9	99.9	999.9	61.4	113.
42.4	124.0	13605.2	150.0	-57.6	99.9	283.8	33.3	32.4	-7.9	370.8	999.9	99.9	999.9	62.5	113.
43.0	125.0	13732.6	147.0	-58.0	99.9	282.8	34.7	33.9	-7.7	372.4	999.9	99.9	999.9	63.2	113.
43.6	126.0	13906.2	143.0	-58.6	99.9	285.4	42.4	40.9	-11.2	374.1	999.9	99.9	999.9	64.8	113.
44.1	127.0	14039.3	140.0	-59.2	99.9	286.6	45.6	43.7	-13.0	375.5	999.9	99.9	999.9	66.2	112.
44.7	128.0	14220.8	136.0	-59.7	99.9	284.9	42.4	41.0	-10.9	377.7	999.9	99.9	999.9	68.0	112.
45.2	129.0	14360.1	133.0	-60.2	99.9	282.3	39.4	38.5	-8.4	379.2	999.9	99.9	999.9	69.0	112.
45.8	130.0	14502.3	130.0	-60.5	99.9	282.2	38.0	37.2	-8.1	381.1	999.9	99.9	999.9	70.5	112.
46.5	131.0	14696.9	126.0	-60.5	99.9	287.2	41.5	39.7	-12.3	384.5	999.9	99.9	999.9	71.7	112.
47.1	132.0	14846.8	123.0	-61.1	99.9	291.0	49.1*	45.8	-17.6	386.2	999.9	99.9	999.9	73.5	112.
47.7	133.0	14999.8	120.0	-62.1	99.9	292.8	48.6*	44.8	-18.8	387.0	999.9	99.9	999.9	75.6	112.
48.2	134.0	15103.5	118.0	-62.9	99.9	292.5	42.3*	39.1	-16.2	387.5	999.9	99.9	999.9	77.0	112.
48.8	135.0	15262.0	115.0	-63.1	99.9	288.7	35.4*	33.5	-11.4	390.0	999.9	99.9	999.9	78.2	112.
49.4	136.0	15479.8	111.0	-63.2	99.9	283.0	30.8*	30.0	-6.9	393.6	999.9	99.9	999.9	79.3	112.
50.1	137.0	15648.1	108.0	-63.6	99.9	278.7	22.3*	22.1	-3.4	396.0	999.9	99.9	999.9	80.9	111.
50.9	138.0	15821.0	105.0	-63.6	99.9	283.7	20.7*	20.1	-4.9	399.2	999.9	99.9	999.9	81.3	111.
51.6	139.0	16058.5	101.0	-65.1	99.9	287.5	25.7*	24.5	-7.7	400.7	999.9	99.9	999.9	82.4	111.
52.3	140.0	16241.8	98.0	-66.1	99.9	288.2	29.9*	28.4	-9.3	402.3	999.9	99.9	999.9	83.4	111.
53.1	141.0	16429.9	95.0	-67.1	99.9	288.0	30.4*	28.9	-9.4	403.9	999.9	99.9	999.9	85.3	111.
53.8	142.0	16623.1	92.0	-68.1	99.9	285.7	24.9*	24.0	-6.7	405.6	999.9	99.9	999.9	86.3	111.
54.6	143.0	16821.8	89.0	-68.8	99.9	275.4	18.3*	18.2	-1.7	408.3	999.9	99.9	999.9	87.4	111.
55.4	144.0	17027.2	86.0	-68.6	99.9	276.1	17.4*	17.3	-1.8	412.7	999.9	99.9	999.9	87.8	111.
56.3	145.0	17239.9	83.0	-68.8	99.9	289.2	32.3*	30.5	-10.6	416.5	999.9	99.9	999.9	89.3	111.
57.1	146.0	17460.0	80.0	-69.2	99.9	290.8	36.1*	33.8	-12.8	420.0	999.9	99.9	999.9	90.9	111.
58.0	147.0	17688.5	77.0	-69.0	99.9	290.8	27.8*	26.0	-9.9	425.1	999.9	99.9	999.9	92.8	111.
58.9	148.0	17926.3	74.0	-68.8	99.9	290.8	24.7*	23.0	-8.8	430.4	999.9	99.9	999.9	94.1	111.
59.8	149.0	18174.8	71.0	-67.5	99.9	290.8	26.9*	25.1	-9.6	438.2	999.9	99.9	999.9	95.5	111.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

7 FEBRUARY 1975  
1115 GMT

155 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.6	150.0	18435.1	68.0	-67.1	99.9	290.8	29.0*	27.1	-10.3	444.5	999.9	99.9	999.9	96.9	111.
61.4	151.0	18707.4	65.0	-67.1	99.9	290.8	28.1*	26.3	-10.0	450.3	999.9	99.9	999.9	98.3	111.
62.3	152.0	18991.9	62.0	-68.1	99.9	290.5	18.8*	17.6	-6.6	454.1	999.9	99.9	999.9	99.8	111.
63.3	153.0	19289.2	59.0	-68.8	99.9	285.2	15.1*	14.6	-3.9	459.2	999.9	99.9	999.9	100.4	111.
64.4	154.0	19496.5	57.0	-67.1	99.9	288.0	22.8*	21.7	-7.0	467.5	999.9	99.9	999.9	101.6	111.
65.4	155.0	19823.1	54.0	-66.7	99.9	290.6	28.8*	26.9	-10.1	475.7	999.9	99.9	999.9	103.2	111.
66.4	156.0	20170.4	51.0	-64.8	99.9	287.3	27.6*	26.3	-8.2	488.1	999.9	99.9	999.9	105.1	111.
67.7	157.0	20540.0	48.0	-65.3	99.9	283.0	23.7*	23.1	-5.3	495.3	999.9	99.9	999.9	107.0	111.
68.8	158.0	20799.0	46.0	-65.3	99.9	291.6	27.6*	25.7	-10.2	501.4	999.9	99.9	999.9	108.5	111.
69.8	159.0	21209.4	43.0	-65.5	99.9	296.7	19.8*	17.7	-8.9	510.6	999.9	99.9	999.9	110.5	111.
71.0	160.0	21650.6	40.0	-64.2	99.9	68.6	3.3*	-3.1	-1.2	524.7	999.9	99.9	999.9	110.7	111.
72.4	161.0	21964.9	38.0	-63.8	99.9	316.4	2.8*	1.9	-2.0	533.4	999.9	99.9	999.9	110.6	111.
73.7	162.0	22467.3	35.0	-65.3	99.9	298.4	12.1	10.7	-5.8	542.1	999.9	99.9	999.9	111.3	111.
75.1	163.0	22826.4	33.0	-64.4	99.9	288.9	23.8	22.5	-7.7	553.9	999.9	99.9	999.9	112.6	111.
76.9	164.0	23408.2	30.0	-65.1	99.9	264.1	12.8	12.7	1.3	567.1	999.9	99.9	999.9	114.8	111.
78.5	165.0	24051.9	27.0	-64.0	99.9	285.6	14.8	14.3	-4.0	587.7	999.9	99.9	999.9	115.5	110.
80.4	166.0	24777.9	24.0	-61.4	99.9	280.3	19.8	19.5	-3.5	615.2	999.9	99.9	999.9	117.9	110.
82.4	167.0	25315.5	22.0	-63.1	99.9	291.5	14.9	13.9	-5.5	625.9	999.9	99.9	999.9	119.5	110.
84.6	168.0	26219.6	19.0	-62.1	99.9	290.8	17.6	16.5	-6.3	655.5	999.9	99.9	999.9	122.7	110.
87.0	169.0	27284.5	16.0	-61.1	99.9	999.9	99.9	99.9	99.9	692.1	999.9	99.9	999.9	999.9	999.

STATION NO. 402  
WALLOPS ISLAND, VA

5 FEBRUARY 1975  
2315 GMT

164 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	4.0	1010.0	2.8	1.6	999.9	99.9	99.9	99.9	275.7	286.5	4.3	92.0	999.9	999.
0.3	6.0	125.1	995.0	2.0	1.9	999.9	99.9	99.9	99.9	276.1	287.3	4.4	99.4	999.9	999.
0.7	7.0	206.6	985.0	1.3	1.2	999.9	99.9	99.9	99.9	276.2	287.0	4.2	99.1	999.9	999.
1.0	8.0	297.0	974.0	0.8	0.7	999.9	99.9	99.9	99.9	276.6	287.1	4.1	99.1	999.9	999.
1.3	9.0	380.2	964.0	1.6	1.5	999.9	99.9	99.9	99.9	278.3	289.6	4.4	99.2	999.9	999.
1.6	10.0	464.7	954.0	4.0	2.1	999.9	99.9	99.9	99.9	281.5	293.6	4.7	87.5	999.9	999.
2.1	11.0	577.0	941.0	7.1	4.1	999.9	99.9	99.9	99.9	285.8	300.1	5.5	81.2	999.9	999.
2.3	12.0	673.9	930.0	7.4	2.6	999.9	99.9	99.9	99.9	287.1	300.2	5.0	71.4	999.9	999.
2.7	13.0	763.0	920.0	7.2	2.3	999.9	99.9	99.9	99.9	287.8	300.9	4.9	71.1	999.9	999.
3.1	14.0	853.0	910.0	6.9	2.5	999.9	99.9	99.9	99.9	288.3	301.8	5.1	73.8	999.9	999.
3.4	15.0	953.0	899.0	6.7	4.1	999.9	99.9	99.9	99.9	289.2	304.4	5.7	83.3	999.9	999.
3.8	16.0	1073.0	886.0	7.6	6.3	999.9	99.9	99.9	99.9	291.5	309.5	6.8	91.5	999.9	999.
4.1	17.0	1166.6	876.0	6.9	5.6	999.9	99.9	99.9	99.9	291.7	309.0	6.5	91.6	999.9	999.
4.4	18.0	1251.7	867.0	6.9	5.6	999.9	99.9	99.9	99.9	292.6	310.2	6.6	91.7	999.9	999.
4.7	19.0	1347.2	857.0	6.9	5.6	999.9	99.9	99.9	99.9	293.5	311.4	6.7	91.6	999.9	999.
5.1	20.0	1443.8	847.0	6.4	5.1	999.9	99.9	99.9	99.9	293.9	311.4	6.5	91.5	999.9	999.
5.5	21.0	1560.9	835.0	5.8	4.5	999.9	99.9	99.9	99.9	294.6	311.7	6.4	91.4	999.9	999.
5.7	22.0	1659.7	825.0	5.3	4.0	999.9	99.9	99.9	99.9	295.0	311.8	6.2	91.4	999.9	999.
6.2	23.0	1759.5	815.0	5.1	3.9	999.9	99.9	99.9	99.9	295.9	312.7	6.2	91.4	999.9	999.
6.6	24.0	1870.6	804.0	4.8	3.5	999.9	99.9	99.9	99.9	296.7	313.4	6.2	91.4	999.9	999.
7.0	25.0	1962.6	795.0	4.6	3.3	999.9	99.9	99.9	99.9	297.4	314.2	6.1	91.3	999.9	999.
7.3	26.0	2076.2	784.0	4.0	2.7	999.9	99.9	99.9	99.9	297.9	314.2	5.9	91.3	999.9	999.
7.5	27.0	2180.7	774.0	3.6	2.4	999.9	99.9	99.9	99.9	298.6	314.8	5.9	91.3	999.9	999.
7.8	28.0	2286.4	764.0	3.0	1.7	999.9	99.9	99.9	99.9	298.9	314.6	5.7	91.2	999.9	999.
8.2	29.0	2382.4	755.0	2.1	0.8	999.9	99.9	99.9	99.9	299.0	314.0	5.4	91.1	999.9	999.
8.4	30.0	2479.3	746.0	1.6	0.3	999.9	99.9	99.9	99.9	299.5	314.2	5.3	91.0	999.9	999.
8.8	31.0	2577.3	737.0	1.2	-0.1	999.9	99.9	99.9	99.9	300.0	314.4	5.2	91.0	999.9	999.
9.2	32.0	2687.2	727.0	0.4	-1.0	999.9	99.9	99.9	99.9	300.2	314.0	4.9	90.8	999.9	999.
9.5	33.0	2787.2	718.0	-0.1	-1.4	999.9	99.9	99.9	99.9	300.8	314.3	4.8	90.8	999.9	999.
9.7	34.0	2876.9	710.0	-0.8	-2.1	999.9	99.9	99.9	99.9	301.0	314.1	4.6	90.8	999.9	999.
10.1	35.0	2978.9	701.0	-1.4	-2.4	999.9	99.9	99.9	99.9	301.4	314.3	4.6	92.7	999.9	999.
10.4	36.0	3104.8	690.0	-2.8	-4.2	999.9	99.9	99.9	99.9	301.1	312.7	4.1	90.0	999.9	999.
10.9	37.0	3208.5	681.0	-4.9	-17.9	999.9	99.9	99.9	99.9	299.5	303.7	1.4	35.2	999.9	999.
11.2	38.0	3312.9	672.0	-5.7	-53.5	999.9	99.9	99.9	99.9	299.6	299.8	0.0	1.0	999.9	999.
11.6	39.0	3406.9	664.0	-5.1	-53.1	999.9	99.9	99.9	99.9	301.4	301.5	0.0	1.0	999.9	999.
12.0	40.0	3514.0	655.0	-5.4	-53.3	999.9	99.9	99.9	99.9	302.2	302.3	0.0	1.0	999.9	999.
12.3	41.0	3634.5	645.0	-6.0	-50.0	999.9	99.9	99.9	99.9	302.8	303.1	0.1	1.6	999.9	999.
12.7	42.0	3732.1	637.0	-6.4	-54.0	999.9	99.9	99.9	99.9	303.4	303.6	0.0	1.0	999.9	999.
13.1	43.0	3843.1	628.0	-7.3	-38.8	999.9	99.9	99.9	99.9	303.7	304.4	0.2	6.0	999.9	999.
13.4	44.0	3942.8	620.0	-8.2	-39.3	999.9	99.9	99.9	99.9	303.8	304.4	0.2	6.0	999.9	999.
13.7	45.0	4043.4	612.0	-8.9	-42.9	999.9	99.9	99.9	99.9	304.0	304.5	0.1	4.3	999.9	999.
14.1	46.0	4145.2	604.0	-9.4	-39.1	999.9	99.9	99.9	99.9	304.7	305.4	0.2	6.8	999.9	999.
14.4	47.0	4248.1	596.0	-10.1	-43.5	999.9	99.9	99.9	99.9	305.0	305.5	0.1	4.5	999.9	999.
14.8	48.0	4352.0	588.0	-10.8	-53.7	999.9	99.9	99.9	99.9	305.3	305.5	0.0	1.5	999.9	999.
15.2	49.0	4457.2	580.0	-11.5	-53.8	999.9	99.9	99.9	99.9	305.7	305.9	0.0	1.5	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

5 FEBRUARY 1975  
2315 GMT

164 24. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.5	50.0	4550.2	573.0	-11.8	-57.4	999.9	99.9	99.9	99.9	306.4	306.5	0.0	1.0	999.9	999.
16.0	51.0	4684.9	563.0	-12.1	-57.6	999.9	99.9	99.9	99.9	307.6	307.8	0.0	1.0	999.9	999.
16.3	52.0	4780.4	556.0	-12.9	-57.7	999.9	99.9	99.9	99.9	307.7	307.9	0.0	1.1	999.9	999.
16.7	53.0	4890.8	548.0	-13.4	-51.4	999.9	99.9	99.9	99.9	308.5	308.7	0.1	2.4	999.9	999.
17.1	54.0	4988.5	541.0	-13.9	-51.6	999.9	99.9	99.9	99.9	309.0	309.2	0.1	2.4	999.9	999.
17.5	55.0	5101.5	533.0	-14.6	-49.9	999.9	99.9	99.9	99.9	309.5	309.7	0.1	3.1	999.9	999.
18.0	56.0	5230.2	524.0	-15.4	-50.3	999.9	99.9	99.9	99.9	310.0	310.3	0.1	3.2	999.9	999.
18.4	57.0	5331.6	517.0	-16.0	-52.3	999.9	99.9	99.9	99.9	310.5	310.7	0.1	2.6	999.9	999.
18.8	58.0	5434.2	510.0	-16.7	-49.4	999.9	99.9	99.9	99.9	310.9	311.2	0.1	4.0	999.9	999.
19.2	59.0	5537.9	503.0	-17.5	-46.5	999.9	99.9	99.9	99.9	311.1	311.5	0.1	5.8	999.9	999.
19.5	60.0	5642.7	496.0	-18.2	-46.1	999.9	99.9	99.9	99.9	311.6	312.0	0.1	6.5	999.9	999.
20.0	61.0	5748.7	489.0	-18.6	-47.2	999.9	99.9	99.9	99.9	312.3	312.7	0.1	6.0	999.9	999.
20.4	62.0	5856.2	482.0	-19.0	-48.4	999.9	99.9	99.9	99.9	313.1	313.5	0.1	5.4	999.9	999.
20.8	63.0	5964.9	475.0	-19.9	-46.5	999.9	99.9	99.9	99.9	313.3	313.7	0.1	7.3	999.9	999.
21.3	64.0	6074.9	468.0	-20.5	-46.1	999.9	99.9	99.9	99.9	313.9	314.4	0.1	7.9	999.9	999.
21.7	65.0	6186.2	461.0	-21.4	-45.6	999.9	99.9	99.9	99.9	314.1	314.6	0.1	9.1	999.9	999.
22.3	66.0	6315.1	453.0	-22.2	-46.1	999.9	99.9	99.9	99.9	314.7	315.1	0.1	9.2	999.9	999.
22.7	67.0	6412.5	447.0	-23.0	-44.3	999.9	99.9	99.9	99.9	314.9	315.4	0.2	11.5	999.9	999.
23.1	68.0	6528.4	440.0	-24.0	-45.9	999.9	99.9	99.9	99.9	315.1	315.6	0.1	11.1	999.9	999.
23.6	69.0	6645.2	433.0	-24.9	-45.4	999.9	99.9	99.9	99.9	315.4	315.9	0.1	12.7	999.9	999.
24.0	70.0	6746.5	427.0	-25.7	-45.3	999.9	99.9	99.9	99.9	315.6	316.2	0.2	13.8	999.9	999.
24.4	71.0	6883.3	419.0	-27.0	-46.6	999.9	99.9	99.9	99.9	315.6	316.1	0.1	13.5	999.9	999.
24.8	72.0	6987.0	413.0	-28.1	-48.5	999.9	99.9	99.9	99.9	315.6	316.0	0.1	12.0	999.9	999.
25.2	73.0	7109.6	406.0	-28.9	-49.5	999.9	99.9	99.9	99.9	316.1	316.4	0.1	11.5	999.9	999.
25.6	74.0	7215.9	400.0	-29.8	-49.4	999.9	99.9	99.9	99.9	316.2	316.6	0.1	12.7	999.9	999.
26.0	75.0	7323.4	394.0	-30.5	-48.7	999.9	99.9	99.9	99.9	316.2	316.6	0.1	15.3	999.9	999.
26.3	76.0	7432.1	388.0	-32.0	-48.5	999.9	99.9	99.9	99.9	316.0	316.4	0.1	17.3	999.9	999.
26.8	77.0	7541.9	382.0	-33.0	-48.1	999.9	99.9	99.9	99.9	316.2	316.7	0.1	20.1	999.9	999.
27.3	78.0	7653.1	376.0	-33.8	-48.6	999.9	99.9	99.9	99.9	316.6	317.0	0.1	20.6	999.9	999.
27.7	79.0	7765.7	370.0	-34.7	-50.3	999.9	99.9	99.9	99.9	316.8	317.2	0.1	18.5	999.9	999.
28.1	80.0	7879.7	364.0	-35.5	-51.2	999.9	99.9	99.9	99.9	317.2	317.5	0.1	18.1	999.9	999.
28.6	81.0	8014.6	357.0	-36.3	-52.1	999.9	99.9	99.9	99.9	317.9	318.2	0.1	17.7	999.9	999.
29.0	82.0	8112.2	352.0	-37.5	-52.3	999.9	99.9	99.9	99.9	317.5	317.8	0.1	18.3	999.9	999.
29.4	83.0	8230.5	346.0	-38.8	-53.5	999.9	99.9	99.9	99.9	317.4	317.7	0.1	18.8	999.9	999.
29.8	84.0	8350.4	340.0	-39.7	-54.1	999.9	99.9	99.9	99.9	317.7	318.0	0.1	19.8	999.9	999.
30.2	85.0	8451.5	335.0	-40.4	99.9	999.9	99.9	99.9	99.9	318.2	999.9	99.9	999.9	999.9	999.
30.7	86.0	8595.1	328.0	-41.5	99.9	999.9	99.9	99.9	99.9	318.6	999.9	99.9	999.9	999.9	999.
31.2	87.0	8699.2	323.0	-42.2	99.9	999.9	99.9	99.9	99.9	319.0	999.9	99.9	999.9	999.9	999.
31.6	88.0	8804.5	318.0	-43.1	99.9	999.9	99.9	99.9	99.9	319.3	999.9	99.9	999.9	999.9	999.
32.0	89.0	8932.8	312.0	-43.5	99.9	999.9	99.9	99.9	99.9	320.4	999.9	99.9	999.9	999.9	999.
32.4	90.0	9041.2	307.0	-44.5	99.9	999.9	99.9	99.9	99.9	320.5	999.9	99.9	999.9	999.9	999.
32.8	91.0	9151.0	302.0	-45.4	99.9	999.9	99.9	99.9	99.9	320.8	999.9	99.9	999.9	999.9	999.
33.2	92.0	9262.2	297.0	-45.9	99.9	999.9	99.9	99.9	99.9	321.5	999.9	99.9	999.9	999.9	999.
33.7	93.0	9374.9	292.0	-47.1	99.9	999.9	99.9	99.9	99.9	321.4	999.9	99.9	999.9	999.9	999.
34.1	94.0	9489.0	287.0	-48.1	99.9	999.9	99.9	99.9	99.9	321.6	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

5 FEBRUARY 1975  
2315 GMT

164 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.5	95.0	9604.6	282.0	-48.9	99.9	999.9	99.9	99.9	99.9	322.1	999.9	99.9	999.9	999.9	999.9
35.1	96.0	9745.7	276.0	-49.6	99.9	999.9	99.9	99.9	99.9	323.0	999.9	99.9	999.9	999.9	999.9
35.5	97.0	9865.1	271.0	-50.7	99.9	999.9	99.9	99.9	99.9	323.1	999.9	99.9	999.9	999.9	999.9
35.9	98.0	9986.2	266.0	-51.6	99.9	999.9	99.9	99.9	99.9	323.5	999.9	99.9	999.9	999.9	999.9
36.3	99.0	10084.4	262.0	-52.0	99.9	999.9	99.9	99.9	99.9	324.5	999.9	99.9	999.9	999.9	999.9
36.6	100.0	10209.1	257.0	-52.3	99.9	999.9	99.9	99.9	99.9	325.8	999.9	99.9	999.9	999.9	999.9
37.1	101.0	10336.3	252.0	-52.3	99.9	999.9	99.9	99.9	99.9	327.6	999.9	99.9	999.9	999.9	999.9
37.4	102.0	10465.6	247.0	-53.2	99.9	999.9	99.9	99.9	99.9	328.1	999.9	99.9	999.9	999.9	999.9
37.6	103.0	10570.7	243.0	-53.7	99.9	999.9	99.9	99.9	99.9	328.9	999.9	99.9	999.9	999.9	999.9
38.1	104.0	10703.9	238.0	-55.0	99.9	999.9	99.9	99.9	99.9	328.9	999.9	99.9	999.9	999.9	999.9
38.5	105.0	10812.0	234.0	-56.0	99.9	999.9	99.9	99.9	99.9	329.0	999.9	99.9	999.9	999.9	999.9
38.9	106.0	10921.5	230.0	-56.7	99.9	999.9	99.9	99.9	99.9	329.6	999.9	99.9	999.9	999.9	999.9
39.4	107.0	11060.6	225.0	-57.7	99.9	999.9	99.9	99.9	99.9	330.1	999.9	99.9	999.9	999.9	999.9
39.8	108.0	11173.6	221.0	-58.4	99.9	999.9	99.9	99.9	99.9	330.8	999.9	99.9	999.9	999.9	999.9
40.4	109.0	11288.2	217.0	-59.3	99.9	999.9	99.9	99.9	99.9	331.1	999.9	99.9	999.9	999.9	999.9
40.7	110.0	11405.0	213.0	-58.7	99.9	999.9	99.9	99.9	99.9	333.7	999.9	99.9	999.9	999.9	999.9
41.4	111.0	11554.5	208.0	-57.7	99.9	999.9	99.9	99.9	99.9	337.6	999.9	99.9	999.9	999.9	999.9
41.7	112.0	11677.5	204.0	-56.2	99.9	999.9	99.9	99.9	99.9	341.9	999.9	99.9	999.9	999.9	999.9
42.2	113.0	11803.3	200.0	-56.3	99.9	999.9	99.9	99.9	99.9	343.6	999.9	99.9	999.9	999.9	999.9
42.5	114.0	11931.6	196.0	-56.5	99.9	999.9	99.9	99.9	99.9	345.3	999.9	99.9	999.9	999.9	999.9
43.0	115.0	12062.5	192.0	-56.2	99.9	999.9	99.9	99.9	99.9	347.9	999.9	99.9	999.9	999.9	999.9
43.6	116.0	12196.5	188.0	-55.7	99.9	999.9	99.9	99.9	99.9	350.8	999.9	99.9	999.9	999.9	999.9
44.0	117.0	12333.5	184.0	-55.7	99.9	999.9	99.9	99.9	99.9	353.0	999.9	99.9	999.9	999.9	999.9
44.4	118.0	12473.2	180.0	-56.7	99.9	999.9	99.9	99.9	99.9	353.5	999.9	99.9	999.9	999.9	999.9
44.9	119.0	12579.6	177.0	-57.5	99.9	999.9	99.9	99.9	99.9	353.9	999.9	99.9	999.9	999.9	999.9
45.4	120.0	12723.9	173.0	-57.5	99.9	999.9	99.9	99.9	99.9	356.2	999.9	99.9	999.9	999.9	999.9
45.8	121.0	12834.3	170.0	-57.9	99.9	999.9	99.9	99.9	99.9	357.4	999.9	99.9	999.9	999.9	999.9
46.3	122.0	12984.4	166.0	-58.2	99.9	999.9	99.9	99.9	99.9	359.3	999.9	99.9	999.9	999.9	999.9
46.7	123.0	13099.1	163.0	-58.4	99.9	999.9	99.9	99.9	99.9	360.8	999.9	99.9	999.9	999.9	999.9
47.2	124.0	13255.5	159.0	-58.4	99.9	999.9	99.9	99.9	99.9	363.4	999.9	99.9	999.9	999.9	999.9
47.6	125.0	13375.3	156.0	-58.4	99.9	999.9	99.9	99.9	99.9	365.4	999.9	99.9	999.9	999.9	999.9
48.2	126.0	13538.7	152.0	-58.4	99.9	999.9	99.9	99.9	99.9	368.1	999.9	99.9	999.9	999.9	999.9
48.7	127.0	13706.3	148.0	-58.7	99.9	999.9	99.9	99.9	99.9	370.3	999.9	99.9	999.9	999.9	999.9
49.2	128.0	13834.8	145.0	-59.3	99.9	999.9	99.9	99.9	99.9	371.6	999.9	99.9	999.9	999.9	999.9
49.7	129.0	13965.8	142.0	-59.3	99.9	999.9	99.9	99.9	99.9	373.8	999.9	99.9	999.9	999.9	999.9
50.2	130.0	14099.4	139.0	-59.8	99.9	999.9	99.9	99.9	99.9	375.2	999.9	99.9	999.9	999.9	999.9
50.7	131.0	14281.7	135.0	-60.2	99.9	999.9	99.9	99.9	99.9	377.7	999.9	99.9	999.9	999.9	999.9
51.2	132.0	14421.8	132.0	-60.7	99.9	999.9	99.9	99.9	99.9	379.1	999.9	99.9	999.9	999.9	999.9
51.6	133.0	14564.6	129.0	-61.2	99.9	999.9	99.9	99.9	99.9	380.7	999.9	99.9	999.9	999.9	999.9
52.0	134.0	14710.5	126.0	-61.8	99.9	999.9	99.9	99.9	99.9	382.2	999.9	99.9	999.9	999.9	999.9
52.3	135.0	14859.5	123.0	-62.2	99.9	999.9	99.9	99.9	99.9	384.2	999.9	99.9	999.9	999.9	999.9
52.8	136.0	15063.1	119.0	-63.7	99.9	999.9	99.9	99.9	99.9	385.0	999.9	99.9	999.9	999.9	999.9
53.3	137.0	15219.1	116.0	-65.5	99.9	999.9	99.9	99.9	99.9	384.5	999.9	99.9	999.9	999.9	999.9
53.8	138.0	15378.3	113.0	-65.9	99.9	999.9	99.9	99.9	99.9	386.7	999.9	99.9	999.9	999.9	999.9
54.2	139.0	15596.7	109.0	-66.7	99.9	999.9	99.9	99.9	99.9	389.1	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

5 FEBRUARY 1975  
2315 GMT

164 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
54.8	140.0	15765.6	106.0	-66.3	99.9	999.9	99.9	99.9	99.9	393.0	999.9	99.9	999.9	999.9	999.9
55.5	141.0	15939.6	103.0	-66.1	99.9	999.9	99.9	99.9	99.9	396.7	999.9	99.9	999.9	999.9	999.9
56.1	142.0	16179.7	99.0	-66.3	99.9	999.9	99.9	99.9	99.9	400.8	999.9	99.9	999.9	999.9	999.9
56.8	143.0	16366.2	96.0	-66.3	99.9	999.9	99.9	99.9	99.9	404.3	999.9	99.9	999.9	999.9	999.9
57.5	144.0	16558.8	93.0	-65.7	99.9	999.9	99.9	99.9	99.9	409.2	999.9	99.9	999.9	999.9	999.9
58.1	145.0	16758.6	90.0	-64.7	99.9	999.9	99.9	99.9	99.9	415.1	999.9	99.9	999.9	999.9	999.9
58.9	146.0	16965.7	87.0	-64.5	99.9	999.9	99.9	99.9	99.9	419.5	999.9	99.9	999.9	999.9	999.9
59.6	147.0	17180.0	84.0	-64.7	99.9	999.9	99.9	99.9	99.9	423.4	999.9	99.9	999.9	999.9	999.9
60.3	148.0	17401.6	81.0	-65.7	99.9	999.9	99.9	99.9	99.9	425.7	999.9	99.9	999.9	999.9	999.9
61.1	149.0	17630.7	78.0	-66.1	99.9	999.9	99.9	99.9	99.9	429.5	999.9	99.9	999.9	999.9	999.9
61.8	150.0	17868.2	75.0	-66.7	99.9	999.9	99.9	99.9	99.9	433.0	999.9	99.9	999.9	999.9	999.9
62.7	151.0	18115.6	72.0	-65.7	99.9	999.9	99.9	99.9	99.9	440.3	999.9	99.9	999.9	999.9	999.9
63.5	152.0	18373.9	69.0	-66.3	99.9	999.9	99.9	99.9	99.9	444.4	999.9	99.9	999.9	999.9	999.9
64.3	153.0	18643.5	66.0	-65.9	99.9	999.9	99.9	99.9	99.9	451.0	999.9	99.9	999.9	999.9	999.9
65.3	154.0	18927.3	63.0	-63.9	99.9	999.9	99.9	99.9	99.9	461.4	999.9	99.9	999.9	999.9	999.9
66.2	155.0	19226.2	60.0	-64.1	99.9	999.9	99.9	99.9	99.9	467.4	999.9	99.9	999.9	999.9	999.9
67.2	156.0	19432.7	58.0	-66.3	99.9	999.9	99.9	99.9	99.9	467.0	999.9	99.9	999.9	999.9	999.9
68.1	157.0	19754.0	55.0	-66.9	99.9	999.9	99.9	99.9	99.9	472.7	999.9	99.9	999.9	999.9	999.9
69.2	158.0	20092.3	52.0	-67.6	99.9	999.9	99.9	99.9	99.9	478.9	999.9	99.9	999.9	999.9	999.9
70.3	159.0	20451.2	49.0	-66.3	99.9	999.9	99.9	99.9	99.9	490.1	999.9	99.9	999.9	999.9	999.9
71.6	160.0	20703.9	47.0	-65.9	99.9	999.9	99.9	99.9	99.9	496.9	999.9	99.9	999.9	999.9	999.9
72.9	161.0	21104.6	44.0	-65.7	99.9	999.9	99.9	99.9	99.9	506.9	999.9	99.9	999.9	999.9	999.9
74.2	162.0	21535.1	41.0	-64.3	99.9	999.9	99.9	99.9	99.9	520.7	999.9	99.9	999.9	999.9	999.9
75.8	163.0	21999.8	38.0	-64.5	99.9	999.9	99.9	99.9	99.9	531.7	999.9	99.9	999.9	999.9	999.9
77.2	164.0	22500.7	35.0	-65.9	99.9	999.9	99.9	99.9	99.9	540.7	999.9	99.9	999.9	999.9	999.9
78.9	165.0	22859.2	33.0	-64.5	99.9	999.9	99.9	99.9	99.9	553.6	999.9	99.9	999.9	999.9	999.9
80.9	166.0	23443.3	30.0	-63.3	99.9	999.9	99.9	99.9	99.9	572.1	999.9	99.9	999.9	999.9	999.9
83.1	167.0	24090.6	27.0	-63.5	99.9	999.9	99.9	99.9	99.9	589.0	999.9	99.9	999.9	999.9	999.9
85.7	168.0	24820.3	24.0	-59.8	99.9	999.9	99.9	99.9	99.9	620.0	999.9	99.9	999.9	999.9	999.9

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
515 GMT

165 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	4.0	1007.0	3.3	2.7	999.9	99.9	99.9	99.9	276.5	288.2	4.6	96.0	999.9	999.
0.3	6.0	85.1	997.0	3.5	3.0	999.9	99.9	99.9	99.9	277.5	289.7	4.8	96.4	999.9	999.
0.7	7.0	175.2	986.0	3.0	3.0	999.9	99.9	99.9	99.9	277.9	290.2	4.6	101.0	999.9	999.
1.0	8.0	266.2	975.0	2.9	2.9	999.9	99.9	99.9	99.9	278.7	291.0	4.8	101.0	999.9	999.
1.3	9.0	358.1	964.0	2.5	2.5	999.9	99.9	99.9	99.9	279.2	291.4	4.8	100.9	999.9	999.
1.7	10.0	442.5	954.0	2.1	2.1	999.9	99.9	99.9	99.9	279.5	291.5	4.7	100.9	999.9	999.
2.1	11.0	561.9	940.0	1.7	1.7	999.9	99.9	99.9	99.9	280.4	292.3	4.6	100.8	999.9	999.
2.4	12.0	656.9	929.0	1.1	1.1	999.9	99.9	99.9	99.9	280.6	292.2	4.5	100.7	999.9	999.
2.7	13.0	743.9	919.0	0.4	0.4	999.9	99.9	99.9	99.9	280.8	292.0	4.3	100.6	999.9	999.
3.0	14.0	841.4	908.0	4.5	4.5	999.9	99.9	99.9	99.9	286.2	301.5	5.9	101.2	999.9	999.
3.4	15.0	931.8	898.0	4.7	1.8	999.9	99.9	99.9	99.9	287.2	300.1	4.9	81.6	999.9	999.
3.9	16.0	1050.9	885.0	5.1	0.8	999.9	99.9	99.9	99.9	288.7	301.0	4.6	74.0	999.9	999.
4.2	17.0	1143.8	875.0	5.2	-0.1	999.9	99.9	99.9	99.9	289.8	301.5	4.3	68.2	999.9	999.
4.6	18.0	1228.3	866.0	4.9	-0.3	999.9	99.9	99.9	99.9	290.3	302.0	4.3	69.2	999.9	999.
4.9	19.0	1332.5	855.0	4.4	-4.0	999.9	99.9	99.9	99.9	290.7	299.8	3.3	54.2	999.9	999.
5.3	20.0	1428.5	845.0	5.2	-4.1	999.9	99.9	99.9	99.9	292.5	301.8	3.3	50.9	999.9	999.
5.7	21.0	1545.2	833.0	4.5	-5.7	999.9	99.9	99.9	99.9	293.0	301.4	3.0	47.3	999.9	999.
6.0	22.0	1633.7	824.0	4.4	-2.5	999.9	99.9	99.9	99.9	293.8	304.5	3.9	60.7	999.9	999.
6.4	23.0	1733.1	814.0	3.9	-7.2	999.9	99.9	99.9	99.9	294.2	301.9	2.7	44.0	999.9	999.
6.8	24.0	1833.5	804.0	3.5	-6.5	999.9	99.9	99.9	99.9	294.9	303.1	2.9	47.7	999.9	999.
7.2	25.0	1924.8	795.0	3.4	-11.3	999.9	99.9	99.9	99.9	295.5	301.4	2.0	33.1	999.9	999.
7.5	26.0	2048.0	783.0	3.0	-48.1	999.9	99.9	99.9	99.9	296.2	296.4	0.1	1.0	999.9	999.
7.9	27.0	2141.5	774.0	2.7	-48.3	999.9	99.9	99.9	99.9	296.8	297.0	0.1	1.0	999.9	999.
8.3	28.0	2246.5	764.0	2.4	-48.5	999.9	99.9	99.9	99.9	297.6	297.8	0.1	1.0	999.9	999.
8.6	29.0	2342.1	755.0	2.1	-48.7	999.9	99.9	99.9	99.9	298.2	298.4	0.1	1.0	999.9	999.
9.0	30.0	2438.7	746.0	1.7	-48.9	999.9	99.9	99.9	99.9	298.9	299.1	0.1	1.0	999.9	999.
9.4	31.0	2536.3	737.0	1.1	-49.3	999.9	99.9	99.9	99.9	299.2	299.4	0.1	1.0	999.9	999.
9.8	32.0	2634.9	728.0	0.3	-49.3	999.9	99.9	99.9	99.9	299.4	299.6	0.1	1.0	999.9	999.
10.1	33.0	2734.5	719.0	-0.0	-50.0	999.9	99.9	99.9	99.9	300.1	300.3	0.1	1.0	999.9	999.
10.5	34.0	2835.0	710.0	-1.0	-50.6	999.9	99.9	99.9	99.9	300.1	300.3	0.0	1.0	999.9	999.
10.9	35.0	2936.6	701.0	-1.8	-51.1	999.9	99.9	99.9	99.9	300.4	300.5	0.0	1.0	999.9	999.
11.4	36.0	3062.1	690.0	-2.9	-51.8	999.9	99.9	99.9	99.9	300.5	300.7	0.0	1.0	999.9	999.
11.8	37.0	3154.3	682.0	-3.5	-52.1	999.9	99.9	99.9	99.9	300.8	301.0	0.0	1.0	999.9	999.
12.1	38.0	3259.3	673.0	-3.3	-52.0	999.9	99.9	99.9	99.9	302.2	302.3	0.0	1.0	999.9	999.
12.5	39.0	3353.8	665.0	-3.3	-52.0	999.9	99.9	99.9	99.9	303.2	303.4	0.0	1.0	999.9	999.
12.8	40.0	3461.4	656.0	-3.6	-52.2	999.9	99.9	99.9	99.9	304.0	304.2	0.0	1.0	999.9	999.
13.4	41.0	3582.5	646.0	-4.5	-52.8	999.9	99.9	99.9	99.9	304.3	304.5	0.0	1.0	999.9	999.
13.7	42.0	3680.4	638.0	-5.2	-53.2	999.9	99.9	99.9	99.9	304.7	304.9	0.0	1.0	999.9	999.
14.1	43.0	3779.3	630.0	-6.2	-53.8	999.9	99.9	99.9	99.9	304.6	304.8	0.0	1.0	999.9	999.
14.5	44.0	3879.1	622.0	-6.8	-54.2	999.9	99.9	99.9	99.9	305.1	305.2	0.0	1.0	999.9	999.
14.8	45.0	3992.6	613.0	-7.7	-54.8	999.9	99.9	99.9	99.9	305.3	305.5	0.0	1.0	999.9	999.
15.1	46.0	4094.6	605.0	-8.6	-55.3	999.9	99.9	99.9	99.9	305.5	305.6	0.0	1.0	999.9	999.
15.5	47.0	4197.6	597.0	-9.1	-55.7	999.9	99.9	99.9	99.9	305.9	306.1	0.0	1.0	999.9	999.
15.9	48.0	4301.8	589.0	-10.1	-56.3	999.9	99.9	99.9	99.9	306.0	306.1	0.0	1.0	999.9	999.
16.2	49.0	4393.8	582.0	-10.7	-56.7	999.9	99.9	99.9	99.9	306.3	306.4	0.0	1.0	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
515 GMT

165 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.6	50.0	4500.1	574.0	-10.9	-56.8	999.9	99.9	99.9	99.9	307.4	307.5	0.0	1.0	999.9	999.
17.1	51.0	4621.4	565.0	-11.3	-57.1	999.9	99.9	99.9	99.9	308.3	308.4	0.0	1.0	999.9	999.
17.5	52.0	4730.8	557.0	-11.6	-53.8	999.9	99.9	99.9	99.9	309.2	309.4	0.0	1.5	999.9	999.
17.8	53.0	4841.5	549.0	-11.9	-38.5	999.9	99.9	99.9	99.9	310.2	311.0	0.2	8.7	999.9	999.
18.2	54.0	4939.6	542.0	-12.7	-36.9	999.9	99.9	99.9	99.9	310.3	311.3	0.3	11.0	999.9	999.
18.5	55.0	5038.6	535.0	-13.6	-36.2	999.9	99.9	99.9	99.9	310.4	311.5	0.3	12.7	999.9	999.
19.0	56.0	5181.8	525.0	-14.7	-37.0	999.9	99.9	99.9	99.9	310.8	311.8	0.3	12.8	999.9	999.
19.4	57.0	5283.3	518.0	-15.5	-37.3	999.9	99.9	99.9	99.9	311.0	312.0	0.3	13.4	999.9	999.
19.8	58.0	5385.8	511.0	-16.3	-37.5	999.9	99.9	99.9	99.9	311.2	312.2	0.3	14.0	999.9	999.
20.1	59.0	5489.4	504.0	-17.1	-38.5	999.9	99.9	99.9	99.9	311.4	312.3	0.3	13.6	999.9	999.
20.5	60.0	5594.2	497.0	-18.0	-39.1	999.9	99.9	99.9	99.9	311.7	312.5	0.3	13.6	999.9	999.
20.9	61.0	5715.3	489.0	-18.8	-39.7	999.9	99.9	99.9	99.9	312.1	313.0	0.2	13.7	999.9	999.
21.3	62.0	5807.2	483.0	-19.5	-40.2	999.9	99.9	99.9	99.9	312.4	313.2	0.2	13.8	999.9	999.
21.7	63.0	5915.5	476.0	-20.3	-39.6	999.9	99.9	99.9	99.9	312.7	313.6	0.3	15.8	999.9	999.
22.1	64.0	6025.0	469.0	-21.2	-40.3	999.9	99.9	99.9	99.9	312.8	313.7	0.2	15.9	999.9	999.
22.5	65.0	6135.8	462.0	-22.0	-40.5	999.9	99.9	99.9	99.9	313.2	314.0	0.2	16.0	999.9	999.
22.9	66.0	6264.0	454.0	-23.2	-41.9	999.9	99.9	99.9	99.9	313.2	314.0	0.2	16.1	999.9	999.
23.3	67.0	6377.6	447.0	-24.3	-41.4	999.9	99.9	99.9	99.9	313.3	314.1	0.2	18.5	999.9	999.
23.7	68.0	6476.0	441.0	-24.7	-42.5	999.9	99.9	99.9	99.9	314.0	314.7	0.2	17.2	999.9	999.
24.1	69.0	6592.3	434.0	-25.6	-43.2	999.9	99.9	99.9	99.9	314.2	314.9	0.2	17.3	999.9	999.
24.5	70.0	6693.0	428.0	-26.8	-42.5	999.9	99.9	99.9	99.9	314.0	314.7	0.2	20.9	999.9	999.
25.0	71.0	6828.8	420.0	-27.9	-43.3	999.9	99.9	99.9	99.9	314.3	315.0	0.2	21.0	999.9	999.
25.4	72.0	6949.3	413.0	-28.9	-43.7	999.9	99.9	99.9	99.9	314.5	315.1	0.2	22.3	999.9	999.
25.8	73.0	7053.9	407.0	-29.6	-44.8	999.9	99.9	99.9	99.9	314.9	315.5	0.2	21.1	999.9	999.
26.2	74.0	7159.6	401.0	-30.5	-44.7	999.9	99.9	99.9	99.9	315.0	315.7	0.2	23.2	999.9	999.
26.5	75.0	7266.6	395.0	-31.3	-45.1	999.9	99.9	99.9	99.9	315.4	316.0	0.2	24.0	999.9	999.
26.9	76.0	7374.8	389.0	-32.3	-45.7	999.9	99.9	99.9	99.9	315.5	316.1	0.2	24.5	999.9	999.
27.3	77.0	7502.7	382.0	-33.3	-46.3	999.9	99.9	99.9	99.9	315.8	316.3	0.2	25.6	999.9	999.
27.7	78.0	7595.1	377.0	-34.1	-47.5	999.9	99.9	99.9	99.9	315.9	316.4	0.1	24.2	999.9	999.
28.0	79.0	7707.2	371.0	-34.9	-49.7	999.9	99.9	99.9	99.9	316.3	316.7	0.1	20.2	999.9	999.
28.4	80.0	7820.8	365.0	-35.7	-50.8	999.9	99.9	99.9	99.9	316.7	317.0	0.1	19.4	999.9	999.
28.9	81.0	7955.2	358.0	-36.7	-52.6	999.9	99.9	99.9	99.9	317.1	317.4	0.1	17.3	999.9	999.
29.2	82.0	8072.1	352.0	-37.5	-53.0	999.9	99.9	99.9	99.9	317.6	317.9	0.1	17.8	999.9	999.
29.5	83.0	8170.6	347.0	-38.6	-53.1	999.9	99.9	99.9	99.9	317.4	317.7	0.1	19.7	999.9	999.
29.9	84.0	8290.2	341.0	-39.5	-53.2	999.9	99.9	99.9	99.9	317.7	318.0	0.1	21.4	999.9	999.
30.2	85.0	8391.1	336.0	-40.2	99.9	999.9	99.9	99.9	99.9	318.2	999.9	99.9	999.9	999.9	999.
30.7	86.0	8534.4	329.0	-41.4	99.9	999.9	99.9	99.9	99.9	318.6	999.9	99.9	999.9	999.9	999.
31.1	87.0	8659.1	323.0	-42.3	99.9	999.9	99.9	99.9	99.9	318.9	999.9	99.9	999.9	999.9	999.
31.5	88.0	8764.5	318.0	-43.0	99.9	999.9	99.9	99.9	99.9	319.3	999.9	99.9	999.9	999.9	999.
31.9	89.0	8871.1	313.0	-43.9	99.9	999.9	99.9	99.9	99.9	319.6	999.9	99.9	999.9	999.9	999.
32.3	90.0	8979.0	308.0	-44.6	99.9	999.9	99.9	99.9	99.9	320.1	999.9	99.9	999.9	999.9	999.
32.7	91.0	9088.4	303.0	-45.5	99.9	999.9	99.9	99.9	99.9	320.4	999.9	99.9	999.9	999.9	999.
33.1	92.0	9221.5	297.0	-46.3	99.9	999.9	99.9	99.9	99.9	321.0	999.9	99.9	999.9	999.9	999.
33.5	93.0	9311.5	293.0	-47.1	99.9	999.9	99.9	99.9	99.9	321.2	999.9	99.9	999.9	999.9	999.
33.9	94.0	9425.2	288.0	-48.0	99.9	999.9	99.9	99.9	99.9	321.5	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
515 GMT

165 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.3	95.0	9540.5	283.0	-48.7	99.9	999.9	99.9	99.9	99.9	322.0	999.9	99.9	999.9	999.9	999.
34.8	96.0	9681.4	277.0	-48.7	99.9	999.9	99.9	99.9	99.9	324.0	999.9	99.9	999.9	999.9	999.
35.2	97.0	9800.9	272.0	-49.6	99.9	999.9	99.9	99.9	99.9	324.4	999.9	99.9	999.9	999.9	999.
35.6	98.0	9922.1	267.0	-50.5	99.9	999.9	99.9	99.9	99.9	324.8	999.9	99.9	999.9	999.9	999.
36.0	99.0	10045.2	262.0	-51.3	99.9	999.9	99.9	99.9	99.9	325.4	999.9	99.9	999.9	999.9	999.
36.3	100.0	10144.9	258.0	-52.4	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	999.9	999.9	999.
36.8	101.0	10297.0	252.0	-52.6	99.9	999.9	99.9	99.9	99.9	327.2	999.9	99.9	999.9	999.9	999.
37.2	102.0	10400.3	248.0	-53.1	99.9	999.9	99.9	99.9	99.9	328.0	999.9	99.9	999.9	999.9	999.
37.5	103.0	10511.2	243.0	-54.2	99.9	999.9	99.9	99.9	99.9	328.2	999.9	99.9	999.9	999.9	999.
38.0	104.0	10637.5	239.0	-55.0	99.9	999.9	99.9	99.9	99.9	328.5	999.9	99.9	999.9	999.9	999.
38.4	105.0	10745.1	235.0	-56.0	99.9	999.9	99.9	99.9	99.9	328.6	999.9	99.9	999.9	999.9	999.
38.8	106.0	10881.6	230.0	-56.8	99.9	999.9	99.9	99.9	99.9	329.3	999.9	99.9	999.9	999.9	999.
39.2	107.0	10992.5	226.0	-57.9	99.9	999.9	99.9	99.9	99.9	329.4	999.9	99.9	999.9	999.9	999.
39.6	108.0	11105.2	222.0	-57.5	99.9	999.9	99.9	99.9	99.9	331.6	999.9	99.9	999.9	999.9	999.
40.0	109.0	11220.4	218.0	-56.2	99.9	999.9	99.9	99.9	99.9	335.5	999.9	99.9	999.9	999.9	999.
40.4	110.0	11338.4	214.0	-55.2	99.9	999.9	99.9	99.9	99.9	338.8	999.9	99.9	999.9	999.9	999.
40.9	111.0	11489.6	209.0	-54.5	99.9	999.9	99.9	99.9	99.9	342.1	999.9	99.9	999.9	999.9	999.
41.3	112.0	11613.3	205.0	-54.5	99.9	999.9	99.9	99.9	99.9	344.0	999.9	99.9	999.9	999.9	999.
41.7	113.0	11739.3	201.0	-55.2	99.9	999.9	99.9	99.9	99.9	344.9	999.9	99.9	999.9	999.9	999.
42.1	114.0	11867.7	197.0	-55.2	99.9	999.9	99.9	99.9	99.9	346.9	999.9	99.9	999.9	999.9	999.
42.5	115.0	11998.5	193.0	-55.7	99.9	999.9	99.9	99.9	99.9	348.2	999.9	99.9	999.9	999.9	999.
42.0	116.0	12165.9	188.0	-55.3	99.9	999.9	99.9	99.9	99.9	351.3	999.9	99.9	999.9	999.9	999.
43.5	117.0	12268.6	185.0	-55.0	99.9	999.9	99.9	99.9	99.9	353.5	999.9	99.9	999.9	999.9	999.
44.0	118.0	12408.0	181.0	-55.8	99.9	999.9	99.9	99.9	99.9	354.3	999.9	99.9	999.9	999.9	999.
44.4	119.0	12550.1	177.0	-56.2	99.9	999.9	99.9	99.9	99.9	356.1	999.9	99.9	999.9	999.9	999.
44.8	120.0	12658.7	174.0	-56.5	99.9	999.9	99.9	99.9	99.9	357.3	999.9	99.9	999.9	999.9	999.
45.2	121.0	12806.1	170.0	-57.0	99.9	999.9	99.9	99.9	99.9	358.8	999.9	99.9	999.9	999.9	999.
45.6	122.0	12918.6	167.0	-58.0	99.9	999.9	99.9	99.9	99.9	358.9	999.9	99.9	999.9	999.9	999.
46.0	123.0	13070.9	163.0	-59.1	99.9	999.9	99.9	99.9	99.9	359.6	999.9	99.9	999.9	999.9	999.
46.5	124.0	13187.4	160.0	-59.3	99.9	999.9	99.9	99.9	99.9	361.2	999.9	99.9	999.9	999.9	999.
46.9	125.0	13346.0	156.0	-59.1	99.9	999.9	99.9	99.9	99.9	364.2	999.9	99.9	999.9	999.9	999.
47.5	126.0	13508.9	152.0	-59.1	99.9	999.9	99.9	99.9	99.9	366.9	999.9	99.9	999.9	999.9	999.
48.0	127.0	13633.6	149.0	-60.0	99.9	999.9	99.9	99.9	99.9	367.4	999.9	99.9	999.9	999.9	999.
48.4	128.0	13760.6	146.0	-60.2	99.9	999.9	99.9	99.9	99.9	369.3	999.9	99.9	999.9	999.9	999.
48.9	129.0	13890.1	143.0	-60.0	99.9	999.9	99.9	99.9	99.9	371.8	999.9	99.9	999.9	999.9	999.
49.4	130.0	14067.4	139.0	-59.8	99.9	999.9	99.9	99.9	99.9	375.1	999.9	99.9	999.9	999.9	999.
50.0	131.0	14203.6	136.0	-60.2	99.9	999.9	99.9	99.9	99.9	376.8	999.9	99.9	999.9	999.9	999.
50.4	132.0	14342.6	133.0	-60.7	99.9	999.9	99.9	99.9	99.9	378.3	999.9	99.9	999.9	999.9	999.
50.8	133.0	14532.2	129.0	-61.6	99.9	999.9	99.9	99.9	99.9	379.9	999.9	99.9	999.9	999.9	999.
51.2	134.0	14677.7	126.0	-62.2	99.9	999.9	99.9	99.9	99.9	381.5	999.9	99.9	999.9	999.9	999.
51.6	135.0	14826.6	123.0	-62.2	99.9	999.9	99.9	99.9	99.9	384.1	999.9	99.9	999.9	999.9	999.
52.2	136.0	14979.1	120.0	-62.4	99.9	999.9	99.9	99.9	99.9	386.5	999.9	99.9	999.9	999.9	999.
52.8	137.0	15188.6	116.0	-62.0	99.9	999.9	99.9	99.9	99.9	391.0	999.9	99.9	999.9	999.9	999.
53.4	138.0	15350.5	113.0	-62.4	99.9	999.9	99.9	99.9	99.9	393.2	999.9	99.9	999.9	999.9	999.
54.0	139.0	15516.6	110.0	-62.4	99.9	999.9	99.9	99.9	99.9	396.2	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
515 GMT

165 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
54.6	140.0	15744.9	106.0	-63.2	99.9	999.9	99.9	99.9	99.9	399.0	999.9	99.9	999.9	999.9	999.9
55.2	141.0	15921.2	103.0	-63.7	99.9	999.9	99.9	99.9	99.9	401.2	999.9	99.9	999.9	999.9	999.9
55.7	142.0	16102.2	100.0	-64.5	99.9	999.9	99.9	99.9	99.9	403.1	999.9	99.9	999.9	999.9	999.9
56.3	143.0	16288.3	97.0	-64.5	99.9	999.9	99.9	99.9	99.9	406.6	999.9	99.9	999.9	999.9	999.9
56.9	144.0	16480.7	94.0	-63.7	99.9	999.9	99.9	99.9	99.9	411.8	999.9	99.9	999.9	999.9	999.9
57.5	145.0	16747.4	90.0	-63.7	99.9	999.9	99.9	99.9	99.9	417.0	999.9	99.9	999.9	999.9	999.9
58.0	146.0	16955.0	87.0	-64.3	99.9	999.9	99.9	99.9	99.9	419.8	999.9	99.9	999.9	999.9	999.9
58.7	147.0	17169.0	84.0	-65.7	99.9	999.9	99.9	99.9	99.9	421.2	999.9	99.9	999.9	999.9	999.9
59.4	148.0	17389.9	81.0	-65.7	99.9	999.9	99.9	99.9	99.9	425.6	999.9	99.9	999.9	999.9	999.9
60.0	149.0	17541.8	79.0	-65.7	99.9	999.9	99.9	99.9	99.9	428.7	999.9	99.9	999.9	999.9	999.9
60.8	150.0	17777.0	76.0	-65.7	99.9	999.9	99.9	99.9	99.9	433.4	999.9	99.9	999.9	999.9	999.9
61.6	151.0	18021.1	73.0	-66.8	99.9	999.9	99.9	99.9	99.9	436.3	999.9	99.9	999.9	999.9	999.9
62.3	152.0	18275.2	70.0	-65.9	99.9	999.9	99.9	99.9	99.9	443.3	999.9	99.9	999.9	999.9	999.9
63.1	153.0	18542.0	67.0	-64.5	99.9	999.9	99.9	99.9	99.9	452.0	999.9	99.9	999.9	999.9	999.9
63.9	154.0	18821.7	64.0	-64.9	99.9	999.9	99.9	99.9	99.9	457.1	999.9	99.9	999.9	999.9	999.9
64.8	155.0	19114.3	61.0	-65.1	99.9	999.9	99.9	99.9	99.9	462.9	999.9	99.9	999.9	999.9	999.9
65.7	156.0	19421.8	58.0	-64.9	99.9	999.9	99.9	99.9	99.9	470.1	999.9	99.9	999.9	999.9	999.9
66.7	157.0	19635.5	56.0	-65.5	99.9	999.9	99.9	99.9	99.9	473.5	999.9	99.9	999.9	999.9	999.9
67.7	158.0	19970.5	53.0	-65.3	99.9	999.9	99.9	99.9	99.9	481.5	999.9	99.9	999.9	999.9	999.9
68.6	159.0	20325.2	50.0	-65.3	99.9	999.9	99.9	99.9	99.9	489.5	999.9	99.9	999.9	999.9	999.9
69.6	160.0	20701.3	47.0	-65.9	99.9	999.9	99.9	99.9	99.9	496.8	999.9	99.9	999.9	999.9	999.9
70.8	161.0	20965.3	45.0	-65.7	99.9	999.9	99.9	99.9	99.9	503.5	999.9	99.9	999.9	999.9	999.9
71.9	162.0	21384.9	42.0	-65.3	99.9	999.9	99.9	99.9	99.9	514.6	999.9	99.9	999.9	999.9	999.9
73.1	163.0	21837.1	39.0	-64.3	99.9	999.9	99.9	99.9	99.9	528.1	999.9	99.9	999.9	999.9	999.9
74.4	164.0	22158.8	37.0	-64.7	99.9	999.9	99.9	99.9	99.9	535.1	999.9	99.9	999.9	999.9	999.9
75.8	165.0	22673.8	34.0	-65.7	99.9	999.9	99.9	99.9	99.9	545.6	999.9	99.9	999.9	999.9	999.9
77.2	166.0	23237.4	31.0	-63.9	99.9	999.9	99.9	99.9	99.9	565.0	999.9	99.9	999.9	999.9	999.9
78.8	167.0	23858.5	28.0	-65.7	99.9	999.9	99.9	99.9	99.9	576.7	999.9	99.9	999.9	999.9	999.9
80.6	168.0	24310.2	26.0	-64.3	99.9	999.9	99.9	99.9	99.9	593.1	999.9	99.9	999.9	999.9	999.9
82.6	169.0	25064.6	23.0	-61.8	99.9	999.9	99.9	99.9	99.9	621.6	999.9	99.9	999.9	999.9	999.9

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
1115 GMT

165 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	4.0	1007.0	5.0	4.6	999.9	99.9	99.9	99.9	278.3	291.6	5.3	97.0	999.9	999.
0.3	6.0	85.6	997.0	5.1	4.9	999.9	99.9	99.9	99.9	279.2	293.1	5.5	98.1	999.9	999.
0.6	7.0	167.9	987.0	4.5	4.3	999.9	99.9	99.9	99.9	279.3	292.8	5.3	98.6	999.9	999.
0.9	8.0	259.3	976.0	4.0	3.7	999.9	99.9	99.9	99.9	279.7	292.8	5.1	98.5	999.9	999.
1.2	9.0	343.0	966.0	3.3	3.1	999.9	99.9	99.9	99.9	279.8	292.5	5.0	98.4	999.9	999.
1.5	10.0	435.9	955.0	2.8	2.5	999.9	99.9	99.9	99.9	280.2	292.6	4.8	97.7	999.9	999.
2.0	11.0	538.9	943.0	5.1	4.8	999.9	99.9	99.9	99.9	283.8	298.6	5.8	97.9	999.9	999.
2.3	12.0	626.1	933.0	5.3	1.6	999.9	99.9	99.9	99.9	284.6	296.8	4.6	77.1	999.9	999.
2.6	13.0	723.1	922.0	5.3	0.9	999.9	99.9	99.9	99.9	285.6	297.4	4.4	73.2	999.9	999.
2.9	14.0	812.3	912.0	5.3	0.7	999.9	99.9	99.9	99.9	286.5	298.2	4.4	72.1	999.9	999.
3.3	15.0	893.3	903.0	4.8	-0.2	999.9	99.9	99.9	99.9	286.7	297.9	4.2	69.8	999.9	999.
3.7	16.0	1011.6	890.0	4.3	-0.9	999.9	99.9	99.9	99.9	287.4	298.2	4.0	69.0	999.9	999.
4.1	17.0	1094.3	881.0	3.6	-1.4	999.9	99.9	99.9	99.9	287.5	298.0	3.9	69.6	999.9	999.
4.4	18.0	1186.9	871.0	3.0	-1.9	999.9	99.9	99.9	99.9	287.7	298.0	3.8	70.1	999.9	999.
4.8	19.0	1280.4	861.0	2.6	-4.8	999.9	99.9	99.9	99.9	288.2	296.8	3.1	57.9	999.9	999.
5.1	20.0	1365.5	852.0	2.6	-5.1	999.9	99.9	99.9	99.9	289.1	297.6	3.1	56.7	999.9	999.
5.5	21.0	1480.1	840.0	1.8	-6.1	999.9	99.9	99.9	99.9	289.4	297.4	2.9	55.7	999.9	999.
5.8	22.0	1576.7	830.0	1.5	-7.8	999.9	99.9	99.9	99.9	290.0	297.1	2.6	49.8	999.9	999.
6.2	23.0	1664.5	821.0	1.3	-8.8	999.9	99.9	99.9	99.9	290.7	297.4	2.4	46.7	999.9	999.
6.5	24.0	1763.0	811.0	0.7	-8.6	999.9	99.9	99.9	99.9	291.0	297.9	2.5	49.6	999.9	999.
6.8	25.0	1852.5	802.0	-0.1	-8.6	999.9	99.9	99.9	99.9	291.1	298.1	2.5	52.6	999.9	999.
7.2	26.0	1973.2	790.0	-0.6	-8.7	999.9	99.9	99.9	99.9	291.9	298.9	2.5	54.0	999.9	999.
7.6	27.0	2064.7	781.0	-1.1	-8.8	999.9	99.9	99.9	99.9	292.3	299.4	2.5	55.7	999.9	999.
7.9	28.0	2157.1	772.0	-1.9	-10.3	999.9	99.9	99.9	99.9	292.4	298.8	2.3	52.4	999.9	999.
8.3	29.0	2260.7	762.0	-2.2	-11.7	999.9	99.9	99.9	99.9	293.1	299.0	2.1	48.1	999.9	999.
8.6	30.0	2355.0	753.0	-2.9	-13.6	999.9	99.9	99.9	99.9	293.3	298.4	1.8	43.5	999.9	999.
8.9	31.0	2439.6	745.0	-3.4	-15.8	999.9	99.9	99.9	99.9	293.6	298.0	1.5	37.6	999.9	999.
9.2	32.0	2535.7	736.0	-3.3	-14.1	999.9	99.9	99.9	99.9	294.8	299.9	1.7	42.8	999.9	999.
9.6	33.0	2633.0	727.0	-3.7	-22.5	999.9	99.9	99.9	99.9	295.2	297.9	0.9	21.6	999.9	999.
9.9	34.0	2731.3	718.0	-3.7	-42.1	999.9	99.9	99.9	99.9	296.2	296.6	0.1	3.2	999.9	999.
10.2	35.0	2819.8	710.0	-3.6	-42.1	999.9	99.9	99.9	99.9	297.3	297.8	0.1	3.2	999.9	999.
10.6	36.0	2942.8	699.0	-4.6	-42.5	999.9	99.9	99.9	99.9	297.5	297.9	0.1	3.3	999.9	999.
11.0	37.0	3044.6	690.0	-5.2	-53.2	999.9	99.9	99.9	99.9	297.9	298.0	0.0	1.0	999.9	999.
11.3	38.0	3136.0	682.0	-6.1	-37.1	999.9	99.9	99.9	99.9	297.9	298.7	0.2	6.4	999.9	999.
11.6	39.0	3239.8	673.0	-6.9	-18.5	999.9	99.9	99.9	99.9	298.3	302.3	1.3	38.7	999.9	999.
12.0	40.0	3333.1	665.0	-7.0	-20.5	999.9	99.9	99.9	99.9	299.2	302.6	1.1	33.1	999.9	999.
12.2	41.0	3451.2	655.0	-7.5	-26.0	999.9	99.9	99.9	99.9	299.9	302.1	0.7	21.0	999.9	999.
12.7	42.0	3546.7	647.0	-8.2	-26.6	999.9	99.9	99.9	99.9	300.1	302.3	0.7	21.0	999.9	999.
13.1	43.0	3643.2	639.0	-8.8	-30.1	999.9	99.9	99.9	99.9	300.5	302.1	0.5	15.9	999.9	999.
13.4	44.0	3740.8	631.0	-9.1	-31.7	999.9	99.9	99.9	99.9	301.3	302.6	0.4	13.9	999.9	999.
13.8	45.0	3839.4	623.0	-9.5	-33.3	999.9	99.9	99.9	99.9	301.9	303.1	0.4	12.3	999.9	999.
14.1	46.0	3939.1	615.0	-9.9	-46.3	999.9	99.9	99.9	99.9	302.4	302.8	0.1	3.2	999.9	999.
14.5	47.0	4039.9	607.0	-10.9	-42.8	999.9	99.9	99.9	99.9	302.4	302.9	0.1	5.1	999.9	999.
14.8	48.0	4141.6	599.0	-11.7	-50.9	999.9	99.9	99.9	99.9	302.7	303.0	0.1	2.2	999.9	999.
15.2	49.0	4244.5	591.0	-12.1	-57.6	999.9	99.9	99.9	99.9	303.4	303.5	0.0	1.0	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
1115 GMT

165 27. 0

TIME MIN	CNCTY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.6	50.0	4335.6	584.0	-12.5	-57.8	999.9	99.9	99.9	99.9	304.0	304.0	0.0	1.0	999.9	999.
16.0	51.0	4467.3	574.0	-13.2	-51.4	999.9	99.9	99.9	99.9	304.6	304.8	0.1	2.3	999.9	999.
16.4	52.0	4560.6	567.0	-13.6	-46.6	999.9	99.9	99.9	99.9	305.2	305.6	0.1	4.2	999.9	999.
16.7	53.0	4668.6	559.0	-14.1	-42.0	999.9	99.9	99.9	99.9	306.0	306.6	0.2	7.2	999.9	999.
17.1	54.0	4764.1	552.0	-14.6	-31.4	999.9	99.9	99.9	99.9	306.5	308.1	0.5	22.3	999.9	999.
17.6	55.0	4860.7	545.0	-15.2	-26.8	999.9	99.9	99.9	99.9	307.0	309.4	0.8	35.9	999.9	999.
18.1	56.0	4986.4	536.0	-16.0	-26.4	999.9	99.9	99.9	99.9	307.4	310.1	0.8	40.0	999.9	999.
18.3	57.0	5085.3	529.0	-17.0	-24.9	999.9	99.9	99.9	99.9	307.5	310.5	1.0	49.9	999.9	999.
18.8	58.0	5199.5	521.0	-17.8	-22.4	999.9	99.9	99.9	99.9	307.8	311.7	1.2	67.1	999.9	999.
19.3	59.0	5300.5	514.0	-19.0	-22.2	999.9	99.9	99.9	99.9	307.6	311.5	1.2	75.5	999.9	999.
19.6	60.0	5402.5	507.0	-19.9	-22.4	999.9	99.9	99.9	99.9	307.6	311.5	1.2	80.6	999.9	999.
20.0	61.0	5505.6	500.0	-20.5	-22.1	999.9	99.9	99.9	99.9	308.2	312.3	1.3	86.8	999.9	999.
20.3	62.0	5609.9	493.0	-21.0	-22.7	999.9	99.9	99.9	99.9	308.8	312.7	1.2	86.5	999.9	999.
20.7	63.0	5700.3	487.0	-21.7	-24.0	999.9	99.9	99.9	99.9	309.0	312.6	1.1	81.4	999.9	999.
21.1	64.0	5806.8	480.0	-22.2	-25.4	999.9	99.9	99.9	99.9	309.6	312.8	1.0	75.0	999.9	999.
21.4	65.0	5914.7	473.0	-23.0	-25.6	999.9	99.9	99.9	99.9	309.9	313.1	1.0	79.4	999.9	999.
21.9	66.0	6039.5	465.0	-24.0	-26.4	999.9	99.9	99.9	99.9	310.3	313.3	0.9	80.3	999.9	999.
22.3	67.0	6134.2	459.0	-24.9	-26.4	999.9	99.9	99.9	99.9	310.3	313.3	1.0	87.1	999.9	999.
22.7	68.0	6245.8	452.0	-25.9	-27.0	999.9	99.9	99.9	99.9	310.3	313.2	0.9	90.4	999.9	999.
23.1	69.0	6342.4	446.0	-26.7	-27.7	999.9	99.9	99.9	99.9	310.5	313.3	0.9	91.6	999.9	999.
23.5	70.0	6456.6	439.0	-27.1	-31.0	999.9	99.9	99.9	99.9	311.3	313.5	0.6	69.2	999.9	999.
24.0	71.0	6589.0	431.0	-27.8	-33.1	999.9	99.9	99.9	99.9	312.1	313.9	0.5	59.9	999.9	999.
24.5	72.0	6689.6	425.0	-28.6	-34.2	999.9	99.9	99.9	99.9	312.4	314.0	0.5	58.4	999.9	999.
24.9	73.0	6791.4	419.0	-28.9	-37.2	999.9	99.9	99.9	99.9	313.3	314.5	0.4	43.9	999.9	999.
25.4	74.0	6894.5	413.0	-29.7	-39.1	999.9	99.9	99.9	99.9	313.5	314.6	0.3	38.9	999.9	999.
25.8	75.0	6998.7	407.0	-30.3	-39.7	999.9	99.9	99.9	99.9	314.0	315.0	0.3	39.0	999.9	999.
26.2	76.0	7104.1	401.0	-31.5	-40.7	999.9	99.9	99.9	99.9	313.8	314.7	0.3	39.3	999.9	999.
26.6	77.0	7210.7	395.0	-32.0	-41.4	999.9	99.9	99.9	99.9	314.4	315.3	0.3	38.7	999.9	999.
27.0	78.0	7318.7	389.0	-32.7	-42.0	999.9	99.9	99.9	99.9	314.9	315.8	0.2	38.7	999.9	999.
27.4	79.0	7428.0	383.0	-33.4	-41.9	999.9	99.9	99.9	99.9	315.5	316.3	0.2	41.8	999.9	999.
27.8	80.0	7538.7	377.0	-34.0	-44.6	999.9	99.9	99.9	99.9	316.0	316.7	0.2	33.0	999.9	999.
28.3	81.0	7669.7	370.0	-35.3	-51.2	999.9	99.9	99.9	99.9	316.1	316.4	0.1	17.6	999.9	999.
28.8	82.0	7783.5	364.0	-35.5	-56.5	999.9	99.9	99.9	99.9	317.2	317.4	0.0	9.5	999.9	999.
29.2	83.0	7879.6	359.0	-36.6	-57.3	999.9	99.9	99.9	99.9	317.0	317.2	0.0	9.6	999.9	999.
29.6	84.0	7996.1	353.0	-37.7	-58.0	999.9	99.9	99.9	99.9	317.1	317.2	0.0	9.7	999.9	999.
30.0	85.0	8094.4	348.0	-38.2	-58.4	999.9	99.9	99.9	99.9	317.6	317.8	0.0	9.8	999.9	999.
30.5	86.0	8234.1	341.0	-38.8	-61.5	999.9	99.9	99.9	99.9	318.7	318.8	0.0	6.9	999.9	999.
31.0	87.0	8335.2	336.0	-39.9	-60.6	999.9	99.9	99.9	99.9	318.6	318.7	0.0	8.8	999.9	999.
31.4	88.0	8458.1	330.0	-40.8	99.9	999.9	99.9	99.9	99.9	319.0	999.9	99.9	999.9	999.9	999.
31.8	89.0	8561.7	325.0	-42.0	99.9	999.9	99.9	99.9	99.9	318.9	999.9	99.9	999.9	999.9	999.
32.2	90.0	8666.5	320.0	-42.9	99.9	999.9	99.9	99.9	99.9	318.9	999.9	99.9	999.9	999.9	999.
32.6	91.0	8772.5	315.0	-43.9	99.9	999.9	99.9	99.9	99.9	319.0	999.9	99.9	999.9	999.9	999.
33.0	92.0	8879.6	310.0	-45.1	99.9	999.9	99.9	99.9	99.9	318.8	999.9	99.9	999.9	999.9	999.
33.4	93.0	8988.1	305.0	-45.8	99.9	999.9	99.9	99.9	99.9	319.3	999.9	99.9	999.9	999.9	999.
33.9	94.0	9098.0	300.0	-46.5	99.9	999.9	99.9	99.9	99.9	319.8	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
1115 GMT

165 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.1	95.0	9209.3	295.0	-47.7	99.9	999.9	99.9	99.9	99.9	319.7	999.9	99.9	999.9	999.9	999.
34.8	96.0	9344.6	289.0	-48.7	99.9	999.9	99.9	99.9	99.9	320.1	999.9	99.9	999.9	999.9	999.
35.3	97.0	9459.1	284.0	-49.6	99.9	999.9	99.9	99.9	99.9	320.4	999.9	99.9	999.9	999.9	999.
35.7	98.0	9575.1	279.0	-50.7	99.9	999.9	99.9	99.9	99.9	320.5	999.9	99.9	999.9	999.9	999.
36.1	99.0	9692.7	274.0	-51.8	99.9	999.9	99.9	99.9	99.9	320.6	999.9	99.9	999.9	999.9	999.
36.5	100.0	9787.9	270.0	-52.4	99.9	999.9	99.9	99.9	99.9	321.0	999.9	99.9	999.9	999.9	999.
37.1	101.0	9932.9	264.0	-53.4	99.9	999.9	99.9	99.9	99.9	321.7	999.9	99.9	999.9	999.9	999.
37.5	102.0	10031.0	260.0	-54.2	99.9	999.9	99.9	99.9	99.9	321.9	999.9	99.9	999.9	999.9	999.
37.9	103.0	10155.3	255.0	-55.0	99.9	999.9	99.9	99.9	99.9	322.5	999.9	99.9	999.9	999.9	999.
38.4	104.0	10256.1	251.0	-55.8	99.9	999.9	99.9	99.9	99.9	322.7	999.9	99.9	999.9	999.9	999.
38.8	105.0	10384.0	246.0	-56.3	99.9	999.9	99.9	99.9	99.9	323.2	999.9	99.9	999.9	999.9	999.
39.2	106.0	10488.4	242.0	-55.3	99.9	999.9	99.9	99.9	99.9	326.9	999.9	99.9	999.9	999.9	999.
39.6	107.0	10621.5	237.0	-55.7	99.9	999.9	99.9	99.9	99.9	328.3	999.9	99.9	999.9	999.9	999.
40.0	108.0	10729.6	233.0	-57.0	99.9	999.9	99.9	99.9	99.9	327.9	999.9	99.9	999.9	999.9	999.
40.5	109.0	10839.2	229.0	-57.3	99.9	999.9	99.9	99.9	99.9	329.0	999.9	99.9	999.9	999.9	999.
40.9	110.0	10950.5	225.0	-57.3	99.9	999.9	99.9	99.9	99.9	330.6	999.9	99.9	999.9	999.9	999.
41.3	111.0	11092.9	220.0	-56.5	99.9	999.9	99.9	99.9	99.9	334.1	999.9	99.9	999.9	999.9	999.
41.9	112.0	11210.1	216.0	-53.7	99.9	999.9	99.9	99.9	99.9	340.2	999.9	99.9	999.9	999.9	999.
42.4	113.0	11330.6	212.0	-52.4	99.9	999.9	99.9	99.9	99.9	344.0	999.9	99.9	999.9	999.9	999.
42.9	114.0	11454.0	208.0	-51.3	99.9	999.9	99.9	99.9	99.9	347.6	999.9	99.9	999.9	999.9	999.
43.4	115.0	11580.2	204.0	-51.3	99.9	999.9	99.9	99.9	99.9	349.5	999.9	99.9	999.9	999.9	999.
44.0	116.0	11741.3	199.0	-51.6	99.9	999.9	99.9	99.9	99.9	351.5	999.9	99.9	999.9	999.9	999.
44.4	117.0	11873.2	195.0	-51.2	99.9	999.9	99.9	99.9	99.9	354.3	999.9	99.9	999.9	999.9	999.
44.9	118.0	12008.0	191.0	-51.2	99.9	999.9	99.9	99.9	99.9	356.4	999.9	99.9	999.9	999.9	999.
45.3	119.0	12110.8	188.0	-51.6	99.9	999.9	99.9	99.9	99.9	357.3	999.9	99.9	999.9	999.9	999.
45.8	120.0	12250.2	184.0	-52.0	99.9	999.9	99.9	99.9	99.9	359.0	999.9	99.9	999.9	999.9	999.
46.2	121.0	12392.4	180.0	-52.6	99.9	999.9	99.9	99.9	99.9	360.2	999.9	99.9	999.9	999.9	999.
46.7	122.0	12500.7	177.0	-53.7	99.9	999.9	99.9	99.9	99.9	360.1	999.9	99.9	999.9	999.9	999.
47.2	123.0	12647.8	173.0	-53.4	99.9	999.9	99.9	99.9	99.9	363.0	999.9	99.9	999.9	999.9	999.
47.7	124.0	12760.3	170.0	-53.9	99.9	999.9	99.9	99.9	99.9	364.0	999.9	99.9	999.9	999.9	999.
48.2	125.0	12913.1	166.0	-54.2	99.9	999.9	99.9	99.9	99.9	366.0	999.9	99.9	999.9	999.9	999.
48.8	126.0	13069.2	162.0	-55.0	99.9	999.9	99.9	99.9	99.9	367.2	999.9	99.9	999.9	999.9	999.
49.3	127.0	13188.5	159.0	-55.7	99.9	999.9	99.9	99.9	99.9	368.0	999.9	99.9	999.9	999.9	999.
49.8	128.0	13350.4	155.0	-56.7	99.9	999.9	99.9	99.9	99.9	369.0	999.9	99.9	999.9	999.9	999.
50.2	129.0	13474.3	152.0	-57.0	99.9	999.9	99.9	99.9	99.9	370.5	999.9	99.9	999.9	999.9	999.
50.7	130.0	13600.3	149.0	-57.5	99.9	999.9	99.9	99.9	99.9	371.7	999.9	99.9	999.9	999.9	999.
51.4	131.0	13771.9	145.0	-58.2	99.9	999.9	99.9	99.9	99.9	373.4	999.9	99.9	999.9	999.9	999.
51.9	132.0	13903.5	142.0	-58.4	99.9	999.9	99.9	99.9	99.9	375.4	999.9	99.9	999.9	999.9	999.
52.4	133.0	14082.9	138.0	-59.3	99.9	999.9	99.9	99.9	99.9	376.9	999.9	99.9	999.9	999.9	999.
52.8	134.0	14220.6	135.0	-59.4	99.9	999.9	99.9	99.9	99.9	378.9	999.9	99.9	999.9	999.9	999.
53.3	135.0	14361.1	132.0	-60.0	99.9	999.9	99.9	99.9	99.9	380.4	999.9	99.9	999.9	999.9	999.
53.9	136.0	14504.4	129.0	-60.7	99.9	999.9	99.9	99.9	99.9	381.6	999.9	99.9	999.9	999.9	999.
54.5	137.0	14700.0	125.0	-61.4	99.9	999.9	99.9	99.9	99.9	383.8	999.9	99.9	999.9	999.9	999.
55.2	138.0	14901.5	121.0	-62.0	99.9	999.9	99.9	99.9	99.9	386.3	999.9	99.9	999.9	999.9	999.
55.8	139.0	15056.7	118.0	-62.2	99.9	999.9	99.9	99.9	99.9	388.8	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
1115 GMT

165 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
56.4	140.0	15215.9	115.0	-62.0	99.9	999.9	99.9	99.9	99.9	392.0	999.9	99.9	999.9	999.9	999.
57.1	141.0	15434.4	111.0	-62.9	99.9	999.9	99.9	99.9	99.9	394.2	999.9	99.9	999.9	999.9	999.
57.8	142.0	15603.2	108.0	-62.7	99.9	999.9	99.9	99.9	99.9	397.7	999.9	99.9	999.9	999.9	999.
58.4	143.0	15835.7	104.0	-62.9	99.9	999.9	99.9	99.9	99.9	401.6	999.9	99.9	999.9	999.9	999.
59.2	144.0	16015.7	101.0	-63.5	99.9	999.9	99.9	99.9	99.9	403.9	999.9	99.9	999.9	999.9	999.
59.9	145.0	16200.6	98.0	-63.9	99.9	999.9	99.9	99.9	99.9	406.6	999.9	99.9	999.9	999.9	999.
60.6	146.0	16455.3	94.0	-65.1	99.9	999.9	99.9	99.9	99.9	409.2	999.9	99.9	999.9	999.9	999.
61.3	147.0	16653.8	91.0	-63.5	99.9	999.9	99.9	99.9	99.9	416.1	999.9	99.9	999.9	999.9	999.
62.0	148.0	16859.4	88.0	-63.9	99.9	999.9	99.9	99.9	99.9	419.3	999.9	99.9	999.9	999.9	999.
62.8	149.0	17071.8	85.0	-64.3	99.9	999.9	99.9	99.9	99.9	422.7	999.9	99.9	999.9	999.9	999.
63.7	150.0	17291.3	82.0	-64.9	99.9	999.9	99.9	99.9	99.9	425.9	999.9	99.9	999.9	999.9	999.
64.4	151.0	17518.2	79.0	-65.9	99.9	999.9	99.9	99.9	99.9	428.4	999.9	99.9	999.9	999.9	999.
65.2	152.0	17753.5	76.0	-65.3	99.9	999.9	99.9	99.9	99.9	434.4	999.9	99.9	999.9	999.9	999.
66.0	153.0	17999.6	73.0	-63.9	99.9	999.9	99.9	99.9	99.9	442.4	999.9	99.9	999.9	999.9	999.
66.8	154.0	18257.4	70.0	-62.9	99.9	999.9	99.9	99.9	99.9	449.8	999.9	99.9	999.9	999.9	999.
67.7	155.0	18527.2	67.0	-62.7	99.9	999.9	99.9	99.9	99.9	455.9	999.9	99.9	999.9	999.9	999.
68.7	156.0	18809.6	64.0	-62.7	99.9	999.9	99.9	99.9	99.9	461.9	999.9	99.9	999.9	999.9	999.
69.8	157.0	19106.2	61.0	-61.6	99.9	999.9	99.9	99.9	99.9	470.8	999.9	99.9	999.9	999.9	999.
70.8	158.0	19418.4	58.0	-62.0	99.9	999.9	99.9	99.9	99.9	476.8	999.9	99.9	999.9	999.9	999.
71.7	159.0	19745.5	55.0	-63.9	99.9	999.9	99.9	99.9	99.9	479.7	999.9	99.9	999.9	999.9	999.
72.7	160.0	20088.8	52.0	-64.5	99.9	999.9	99.9	99.9	99.9	486.1	999.9	99.9	999.9	999.9	999.
73.8	161.0	20452.5	49.0	-63.9	99.9	999.9	99.9	99.9	99.9	495.8	999.9	99.9	999.9	999.9	999.
74.8	162.0	20707.9	47.0	-63.9	99.9	999.9	99.9	99.9	99.9	501.7	999.9	99.9	999.9	999.9	999.
76.0	163.0	21112.6	44.0	-63.5	99.9	999.9	99.9	99.9	99.9	512.2	999.9	99.9	999.9	999.9	999.
77.2	164.0	21546.6	41.0	-63.1	99.9	999.9	99.9	99.9	99.9	523.6	999.9	99.9	999.9	999.9	999.
78.5	165.0	22014.3	38.0	-62.9	99.9	999.9	99.9	99.9	99.9	535.6	999.9	99.9	999.9	999.9	999.
79.9	166.0	22520.7	35.0	-62.9	99.9	999.9	99.9	99.9	99.9	548.4	999.9	99.9	999.9	999.9	999.
81.3	167.0	23072.5	32.0	-62.9	99.9	999.9	99.9	99.9	99.9	562.6	999.9	99.9	999.9	999.9	999.
82.7	168.0	23678.4	29.0	-63.1	99.9	999.9	99.9	99.9	99.9	578.2	999.9	99.9	999.9	999.9	999.
84.3	169.0	24118.0	27.0	-63.1	99.9	999.9	99.9	99.9	99.9	590.1	999.9	99.9	999.9	999.9	999.

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
1415 GMT

165 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	4.0	1007.0	7.2	5.5	999.9	99.9	99.9	99.9	280.5	294.9	5.6	89.0	999.9	999.
0.3	6.0	86.1	997.0	6.2	4.9	999.9	99.9	99.9	99.9	280.3	294.2	5.5	91.4	999.9	999.
0.7	7.0	177.1	986.0	5.5	4.5	999.9	99.9	99.9	99.9	280.5	294.6	5.5	95.7	999.9	999.
1.0	8.0	260.4	976.0	4.7	4.4	999.9	99.9	99.9	99.9	280.5	294.2	5.4	98.2	999.9	999.
1.3	9.0	352.9	965.0	4.2	3.9	999.9	99.9	99.9	99.9	280.8	294.3	5.3	98.1	999.9	999.
1.7	10.0	437.9	955.0	5.2	1.2	999.9	99.9	99.9	99.9	282.6	294.0	4.4	75.4	999.9	999.
2.1	11.0	550.4	942.0	7.4	2.1	999.9	99.9	99.9	99.9	286.0	298.6	4.7	69.0	999.9	999.
2.4	12.0	638.3	932.0	7.4	1.6	999.9	99.9	99.9	99.9	286.9	299.1	4.6	66.5	999.9	999.
2.8	13.0	736.1	921.0	6.9	0.7	999.9	99.9	99.9	99.9	287.3	299.0	4.4	64.7	999.9	999.
3.1	14.0	825.8	911.0	6.6	0.1	999.9	99.9	99.9	99.9	287.8	299.2	4.2	63.4	999.9	999.
3.5	15.0	916.3	901.0	5.7	-0.7	999.9	99.9	99.9	99.9	287.8	298.7	4.0	63.5	999.9	999.
3.9	16.0	1026.0	889.0	5.0	-1.2	999.9	99.9	99.9	99.9	288.2	298.8	3.9	64.1	999.9	999.
4.3	17.0	1118.2	879.0	4.3	-2.0	999.9	99.9	99.9	99.9	288.4	298.6	3.8	63.3	999.9	999.
4.7	18.0	1211.3	869.0	3.8	-2.7	999.9	99.9	99.9	99.9	288.8	298.6	3.6	62.3	999.9	999.
5.1	19.0	1305.4	859.0	3.5	-3.1	999.9	99.9	99.9	99.9	289.4	299.1	3.6	62.1	999.9	999.
5.4	20.0	1400.3	849.0	2.7	-4.7	999.9	99.9	99.9	99.9	289.4	298.2	3.2	58.2	999.9	999.
5.9	21.0	1505.8	838.0	2.0	-5.6	999.9	99.9	99.9	99.9	289.8	298.1	3.0	57.0	999.9	999.
6.3	22.0	1602.6	828.0	1.7	-6.6	999.9	99.9	99.9	99.9	290.4	298.3	2.8	54.0	999.9	999.
6.6	23.0	1690.7	819.0	1.5	-8.4	999.9	99.9	99.9	99.9	291.1	298.1	2.5	47.5	999.9	999.
7.0	24.0	1789.7	809.0	1.2	-8.1	999.9	99.9	99.9	99.9	291.8	299.0	2.6	49.8	999.9	999.
7.4	25.0	1879.5	800.0	0.1	-7.3	999.9	99.9	99.9	99.9	291.6	299.3	2.8	57.4	999.9	999.
7.8	26.0	2000.5	788.0	-0.7	-7.5	999.9	99.9	99.9	99.9	292.0	299.8	2.8	60.2	999.9	999.
8.2	27.0	2092.2	779.0	-1.2	-8.1	999.9	99.9	99.9	99.9	292.4	299.9	2.7	59.4	999.9	999.
8.5	28.0	2184.8	770.0	-2.0	-8.7	999.9	99.9	99.9	99.9	292.5	299.8	2.6	60.1	999.9	999.
8.9	29.0	2278.3	761.0	-2.4	-9.5	999.9	99.9	99.9	99.9	293.0	299.9	2.4	58.2	999.9	999.
9.3	30.0	2372.7	752.0	-2.6	-11.0	999.9	99.9	99.9	99.9	293.8	300.1	2.2	52.3	999.9	999.
9.6	31.0	2468.1	743.0	-3.4	-12.9	999.9	99.9	99.9	99.9	293.9	299.4	1.9	47.5	999.9	999.
10.0	32.0	2564.4	734.0	-4.3	-13.3	999.9	99.9	99.9	99.9	294.0	299.4	1.9	49.3	999.9	999.
10.4	33.0	2661.5	725.0	-4.9	-18.6	999.9	99.9	99.9	99.9	294.2	297.9	1.2	33.1	999.9	999.
10.7	34.0	2759.6	716.0	-5.2	-38.6	999.9	99.9	99.9	99.9	294.8	295.5	0.2	5.1	999.9	999.
11.0	35.0	2847.9	708.0	-4.9	-42.6	999.9	99.9	99.9	99.9	296.1	296.5	0.1	3.3	999.9	999.
11.5	36.0	2970.8	697.0	-5.5	-42.8	999.9	99.9	99.9	99.9	296.8	297.2	0.1	3.4	999.9	999.
11.8	37.0	3072.6	688.0	-6.1	-43.1	999.9	99.9	99.9	99.9	297.2	297.6	0.1	3.4	999.9	999.
12.1	38.0	3164.0	680.0	-6.8	-43.4	999.9	99.9	99.9	99.9	297.4	297.8	0.1	3.5	999.9	999.
12.5	39.0	3267.8	671.0	-7.6	-43.7	999.9	99.9	99.9	99.9	297.7	298.1	0.1	3.6	999.9	999.
12.8	40.0	3360.9	663.0	-8.4	-44.1	999.9	99.9	99.9	99.9	297.7	298.1	0.1	3.7	999.9	999.
13.2	41.0	3478.6	653.0	-9.3	-44.5	999.9	99.9	99.9	99.9	298.0	298.4	0.1	3.8	999.9	999.
13.6	42.0	3573.7	645.0	-9.9	-44.7	999.9	99.9	99.9	99.9	298.4	298.8	0.1	3.8	999.9	999.
14.0	43.0	3682.0	636.0	-10.3	-39.7	999.9	99.9	99.9	99.9	299.1	299.8	0.2	6.9	999.9	999.
14.3	44.0	3779.4	628.0	-10.6	-37.1	999.9	99.9	99.9	99.9	299.9	300.7	0.2	9.2	999.9	999.
14.7	45.0	3877.9	620.0	-11.0	-34.4	999.9	99.9	99.9	99.9	300.5	301.6	0.3	12.5	999.9	999.
15.0	46.0	3977.6	612.0	-11.5	-32.8	999.9	99.9	99.9	99.9	301.2	302.4	0.4	15.1	999.9	999.
15.4	47.0	4078.3	604.0	-12.3	-31.9	999.9	99.9	99.9	99.9	301.3	302.7	0.4	17.6	999.9	999.
15.7	48.0	4167.2	597.0	-13.2	-32.6	999.9	99.9	99.9	99.9	301.3	302.7	0.4	17.7	999.9	999.
16.1	49.0	4269.9	589.0	-13.7	-33.3	999.9	99.9	99.9	99.9	301.8	303.1	0.4	17.2	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
1415 GMT

165 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.4	50.0	4373.8	581.0	-14.0	-34.7	999.9	99.9	99.9	99.9	302.7	303.8	0.3	15.3	999.9	999.
16.8	51.0	4492.1	572.0	-15.0	-36.1	999.9	99.9	99.9	99.9	302.9	303.9	0.3	14.4	999.9	999.
17.2	52.0	4598.5	564.0	-15.7	-32.5	999.9	99.9	99.9	99.9	303.3	304.8	0.4	21.9	999.9	999.
17.5	53.0	4706.1	556.0	-16.2	-29.7	999.9	99.9	99.9	99.9	303.9	305.8	0.6	29.9	999.9	999.
17.9	54.0	4801.4	549.0	-16.6	-28.2	999.9	99.9	99.9	99.9	304.6	306.7	0.7	35.9	999.9	999.
18.2	55.0	4897.8	542.0	-17.2	-27.4	999.9	99.9	99.9	99.9	305.0	307.4	0.7	40.5	999.9	999.
18.7	56.0	5023.3	533.0	-17.7	-27.1	999.9	99.9	99.9	99.9	305.8	308.3	0.8	43.3	999.9	999.
19.0	57.0	5122.1	526.0	-18.3	-24.4	999.9	99.9	99.9	99.9	306.4	309.5	1.0	58.2	999.9	999.
19.4	58.0	5236.5	518.0	-18.9	-22.6	999.9	99.9	99.9	99.9	306.9	310.7	1.2	72.7	999.9	999.
19.8	59.0	5337.7	511.0	-19.8	-22.3	999.9	99.9	99.9	99.9	307.1	311.0	1.2	79.9	999.9	999.
20.1	60.0	5440.0	504.0	-20.6	-22.9	999.9	99.9	99.9	99.9	307.4	311.1	1.2	81.6	999.9	999.
20.4	61.0	5543.3	497.0	-21.5	-23.5	999.9	99.9	99.9	99.9	307.4	311.1	1.1	83.6	999.9	999.
20.8	62.0	5647.9	490.0	-21.9	-26.0	999.9	99.9	99.9	99.9	308.2	311.1	0.9	68.9	999.9	999.
21.2	63.0	5753.6	483.0	-22.7	-30.3	999.9	99.9	99.9	99.9	308.4	310.5	0.6	49.7	999.9	999.
21.5	64.0	5860.7	476.0	-22.7	-31.9	999.9	99.9	99.9	99.9	309.7	311.5	0.5	42.7	999.9	999.
21.9	65.0	5953.9	470.0	-22.6	-32.4	999.9	99.9	99.9	99.9	311.0	312.8	0.5	40.2	999.9	999.
22.4	66.0	6079.8	462.0	-23.1	-33.4	999.9	99.9	99.9	99.9	311.8	313.5	0.5	38.1	999.9	999.
22.8	67.0	6191.6	455.0	-23.1	-36.8	999.9	99.9	99.9	99.9	313.2	314.4	0.4	27.0	999.9	999.
23.2	68.0	6305.0	448.0	-24.0	-37.8	999.9	99.9	99.9	99.9	313.4	314.5	0.3	26.7	999.9	999.
23.6	69.0	6403.2	442.0	-24.8	-38.3	999.9	99.9	99.9	99.9	313.6	314.7	0.3	27.1	999.9	999.
24.0	70.0	6502.5	436.0	-25.5	-38.4	999.9	99.9	99.9	99.9	314.0	315.1	0.3	28.5	999.9	999.
24.4	71.0	6636.5	428.0	-26.8	-39.1	999.9	99.9	99.9	99.9	313.9	315.0	0.3	30.1	999.9	999.
24.7	72.0	6755.3	421.0	-27.8	-39.4	999.9	99.9	99.9	99.9	314.2	315.3	0.3	31.6	999.9	999.
25.1	73.0	6858.3	415.0	-28.6	-40.2	999.9	99.9	99.9	99.9	314.5	315.5	0.3	31.4	999.9	999.
25.5	74.0	6962.5	409.0	-29.2	-40.0	999.9	99.9	99.9	99.9	315.0	315.9	0.3	34.1	999.9	999.
25.9	75.0	7067.9	403.0	-29.9	-40.2	999.9	99.9	99.9	99.9	315.4	316.4	0.3	35.6	999.9	999.
26.3	76.0	7174.6	397.0	-30.8	-40.9	999.9	99.9	99.9	99.9	315.6	316.5	0.3	36.3	999.9	999.
26.7	77.0	7282.6	391.0	-31.5	-42.0	999.9	99.9	99.9	99.9	316.1	316.9	0.2	34.3	999.9	999.
27.0	78.0	7391.9	385.0	-32.4	-43.6	999.9	99.9	99.9	99.9	316.2	317.0	0.2	31.7	999.9	999.
27.4	79.0	7502.4	379.0	-33.2	-44.7	999.9	99.9	99.9	99.9	316.6	317.3	0.2	30.2	999.9	999.
27.8	80.0	7614.4	373.0	-34.0	-46.4	999.9	99.9	99.9	99.9	317.0	317.5	0.2	27.1	999.9	999.
28.2	81.0	7746.9	366.0	-34.8	-47.4	999.9	99.9	99.9	99.9	317.6	318.1	0.1	26.1	999.9	999.
28.6	82.0	7862.1	360.0	-35.6	-49.0	999.9	99.9	99.9	99.9	318.0	318.5	0.1	23.5	999.9	999.
29.0	83.0	7959.2	355.0	-36.5	-49.5	999.9	99.9	99.9	99.9	318.2	318.7	0.1	24.3	999.9	999.
29.4	84.0	8077.1	349.0	-37.7	-50.1	999.9	99.9	99.9	99.9	318.1	318.5	0.1	25.5	999.9	999.
29.8	85.0	8176.5	344.0	-38.5	-49.0	999.9	99.9	99.9	99.9	318.3	318.8	0.1	31.7	999.9	999.
30.3	86.0	8317.5	337.0	-39.5	-48.7	999.9	99.9	99.9	99.9	318.9	319.4	0.1	36.0	999.9	999.
30.7	87.0	8440.1	331.0	-40.7	99.9	999.9	99.9	99.9	99.9	318.9	999.9	99.9	999.9	999.9	999.
31.1	88.0	8543.6	326.0	-41.7	99.9	999.9	99.9	99.9	99.9	319.0	999.9	99.9	999.9	999.9	999.
31.5	89.0	8648.2	321.0	-42.4	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.
31.9	90.0	8754.1	316.0	-43.4	99.9	999.9	99.9	99.9	99.9	319.5	999.9	99.9	999.9	999.9	999.
32.3	91.0	8882.8	310.0	-44.5	99.9	999.9	99.9	99.9	99.9	319.6	999.9	99.9	999.9	999.9	999.
32.7	92.0	8991.4	305.0	-45.5	99.9	999.9	99.9	99.9	99.9	319.7	999.9	99.9	999.9	999.9	999.
33.1	93.0	9101.5	300.0	-46.1	99.9	999.9	99.9	99.9	99.9	320.4	999.9	99.9	999.9	999.9	999.
33.5	94.0	9213.0	295.0	-47.0	99.9	999.9	99.9	99.9	99.9	320.7	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
1415 GMT

165 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.8	95.0	9326.1	290.0	-47.9	99.9	999.9	99.9	99.9	99.9	321.0	999.9	99.9	999.9	999.9	999.9
34.3	96.0	9463.6	284.0	-49.1	99.9	999.9	99.9	99.9	99.9	321.2	999.9	99.9	999.9	999.9	999.9
34.7	97.0	9579.9	279.0	-50.1	99.9	999.9	99.9	99.9	99.9	321.3	999.9	99.9	999.9	999.9	999.9
35.1	98.0	9697.8	274.0	-51.2	99.9	999.9	99.9	99.9	99.9	321.4	999.9	99.9	999.9	999.9	999.9
35.4	99.0	9793.1	270.0	-52.3	99.9	999.9	99.9	99.9	99.9	321.1	999.9	99.9	999.9	999.9	999.9
35.8	100.0	9913.8	265.0	-53.3	99.9	999.9	99.9	99.9	99.9	321.5	999.9	99.9	999.9	999.9	999.9
36.3	101.0	10061.1	259.0	-53.8	99.9	999.9	99.9	99.9	99.9	322.9	999.9	99.9	999.9	999.9	999.9
36.7	102.0	10161.0	255.0	-54.1	99.9	999.9	99.9	99.9	99.9	323.8	999.9	99.9	999.9	999.9	999.9
37.1	103.0	10287.9	250.0	-54.7	99.9	999.9	99.9	99.9	99.9	324.7	999.9	99.9	999.9	999.9	999.9
37.5	104.0	10391.1	246.0	-54.9	99.9	999.9	99.9	99.9	99.9	325.9	999.9	99.9	999.9	999.9	999.9
37.9	105.0	10522.1	241.0	-55.6	99.9	999.9	99.9	99.9	99.9	326.9	999.9	99.9	999.9	999.9	999.9
38.4	106.0	10628.7	237.0	-56.1	99.9	999.9	99.9	99.9	99.9	327.7	999.9	99.9	999.9	999.9	999.9
38.8	107.0	10764.1	232.0	-56.4	99.9	999.9	99.9	99.9	99.9	329.2	999.9	99.9	999.9	999.9	999.9
39.2	108.0	10874.5	228.0	-56.4	99.9	999.9	99.9	99.9	99.9	330.8	999.9	99.9	999.9	999.9	999.9
39.6	109.0	10987.1	224.0	-56.9	99.9	999.9	99.9	99.9	99.9	333.8	999.9	99.9	999.9	999.9	999.9
40.0	110.0	11101.9	220.0	-55.6	99.9	999.9	99.9	99.9	99.9	335.5	999.9	99.9	999.9	999.9	999.9
40.5	111.0	11248.5	215.0	-55.6	99.9	999.9	99.9	99.9	99.9	337.7	999.9	99.9	999.9	999.9	999.9
40.9	112.0	11368.3	211.0	-54.9	99.9	999.9	99.9	99.9	99.9	340.6	999.9	99.9	999.9	999.9	999.9
41.3	113.0	11521.6	206.0	-54.9	99.9	999.9	99.9	99.9	99.9	342.9	999.9	99.9	999.9	999.9	999.9
41.8	114.0	11615.5	203.0	-54.4	99.9	999.9	99.9	99.9	99.9	345.1	999.9	99.9	999.9	999.9	999.9
42.2	115.0	11743.5	199.0	-52.8	99.9	999.9	99.9	99.9	99.9	349.7	999.9	99.9	999.9	999.9	999.9
42.7	116.0	11908.7	194.0	-50.3	99.9	999.9	99.9	99.9	99.9	356.2	999.9	99.9	999.9	999.9	999.9
43.0	117.0	12079.3	189.0	-49.7	99.9	999.9	99.9	99.9	99.9	359.9	999.9	99.9	999.9	999.9	999.9
43.5	118.0	12183.9	186.0	-50.1	99.9	999.9	99.9	99.9	99.9	360.8	999.9	99.9	999.9	999.9	999.9
43.9	119.0	12289.9	183.0	-51.1	99.9	999.9	99.9	99.9	99.9	361.0	999.9	99.9	999.9	999.9	999.9
44.4	120.0	12433.3	179.0	-52.3	99.9	999.9	99.9	99.9	99.9	361.2	999.9	99.9	999.9	999.9	999.9
44.9	121.0	12579.2	175.0	-53.1	99.9	999.9	99.9	99.9	99.9	362.2	999.9	99.9	999.9	999.9	999.9
45.3	122.0	12690.7	172.0	-53.0	99.9	999.9	99.9	99.9	99.9	364.3	999.9	99.9	999.9	999.9	999.9
45.7	123.0	12842.3	168.0	-53.3	99.9	999.9	99.9	99.9	99.9	366.2	999.9	99.9	999.9	999.9	999.9
46.2	124.0	12958.2	165.0	-54.1	99.9	999.9	99.9	99.9	99.9	366.8	999.9	99.9	999.9	999.9	999.9
46.6	125.0	13115.2	161.0	-55.2	99.9	999.9	99.9	99.9	99.9	367.4	999.9	99.9	999.9	999.9	999.9
47.2	126.0	13275.5	157.0	-55.9	99.9	999.9	99.9	99.9	99.9	368.9	999.9	99.9	999.9	999.9	999.9
47.6	127.0	13439.7	153.0	-56.1	99.9	999.9	99.9	99.9	99.9	371.4	999.9	99.9	999.9	999.9	999.9
48.0	128.0	13565.6	150.0	-56.1	99.9	999.9	99.9	99.9	99.9	373.5	999.9	99.9	999.9	999.9	999.9
48.5	129.0	13693.9	147.0	-56.8	99.9	999.9	99.9	99.9	99.9	374.5	999.9	99.9	999.9	999.9	999.9
48.8	130.0	13824.5	144.0	-56.9	99.9	999.9	99.9	99.9	99.9	376.4	999.9	99.9	999.9	999.9	999.9
49.4	131.0	14002.6	140.0	-57.6	99.9	999.9	99.9	99.9	99.9	378.2	999.9	99.9	999.9	999.9	999.9
49.8	132.0	14185.4	136.0	-58.3	99.9	999.9	99.9	99.9	99.9	380.1	999.9	99.9	999.9	999.9	999.9
50.3	133.0	14325.5	133.0	-59.0	99.9	999.9	99.9	99.9	99.9	381.3	999.9	99.9	999.9	999.9	999.9
50.8	134.0	14468.5	130.0	-59.4	99.9	999.9	99.9	99.9	99.9	383.2	999.9	99.9	999.9	999.9	999.9
51.4	135.0	14614.6	127.0	-59.7	99.9	999.9	99.9	99.9	99.9	385.1	999.9	99.9	999.9	999.9	999.9
51.9	136.0	14763.7	124.0	-60.5	99.9	999.9	99.9	99.9	99.9	386.4	999.9	99.9	999.9	999.9	999.9
52.6	137.0	14968.2	120.0	-60.1	99.9	999.9	99.9	99.9	99.9	390.7	999.9	99.9	999.9	999.9	999.9
53.2	138.0	15126.1	117.0	-60.5	99.9	999.9	99.9	99.9	99.9	392.9	999.9	99.9	999.9	999.9	999.9
53.9	139.0	15343.5	113.0	-59.0	99.9	999.9	99.9	99.9	99.9	399.5	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
1415 GMT

165 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
54.4	140.0	15512.7	110.0	-58.0	99.0	999.9	99.9	99.9	99.9	404.6	999.9	99.9	999.9	999.9	999.9
55.0	141.0	15746.2	106.0	-58.0	99.9	999.9	99.9	99.9	99.9	408.9	999.9	99.9	999.9	999.9	999.9
55.7	142.0	15927.3	103.0	-57.6	99.4	999.9	99.9	99.9	99.9	412.9	999.9	99.9	999.9	999.9	999.9
56.3	143.0	16113.5	100.0	-58.5	99.9	999.9	99.9	99.9	99.9	414.7	999.9	99.9	999.9	999.9	999.9
56.9	144.0	16369.9	96.0	-59.0	99.9	999.9	99.9	99.9	99.9	418.6	999.9	99.9	999.9	999.9	999.9
57.5	145.0	16568.5	93.0	-60.1	99.9	999.9	99.9	99.9	99.9	420.3	999.9	99.9	999.9	999.9	999.9
58.2	146.0	16772.6	90.0	-61.4	99.9	999.9	99.9	99.9	99.9	421.7	999.9	99.9	999.9	999.9	999.9
58.8	147.0	16982.4	87.0	-62.3	99.0	999.9	99.9	99.9	99.9	423.9	999.9	99.9	999.9	999.9	999.9
59.5	148.0	17198.7	84.0	-63.1	99.9	999.9	99.9	99.9	99.9	426.6	999.9	99.9	999.9	999.9	999.9
60.2	149.0	17421.8	81.0	-64.5	99.9	999.9	99.9	99.9	99.9	428.3	999.9	99.9	999.9	999.9	999.9
60.9	150.0	17652.4	78.0	-64.7	99.9	999.9	99.9	99.9	99.9	432.5	999.9	99.9	999.9	999.9	999.9
61.7	151.0	17892.2	75.0	-64.1	99.9	999.9	99.9	99.9	99.9	438.6	999.9	99.9	999.9	999.9	999.9
62.5	152.0	18143.4	72.0	-62.1	99.9	999.9	99.9	99.9	99.9	447.9	999.9	99.9	999.9	999.9	999.9
63.3	153.0	18407.8	69.0	-59.9	99.9	999.9	99.9	99.9	99.9	458.1	999.9	99.9	999.9	999.9	999.9
64.2	154.0	18684.9	66.0	-60.8	99.9	999.9	99.9	99.9	99.9	462.0	999.9	99.9	999.9	999.9	999.9
65.0	155.0	18974.0	63.0	-61.2	99.0	999.9	99.9	99.9	99.9	467.4	999.9	99.9	999.9	999.9	999.9
66.0	156.0	19277.0	60.0	-61.0	99.9	999.9	99.9	99.9	99.9	474.3	999.9	99.9	999.9	999.9	999.9
66.9	157.0	19595.1	57.0	-61.9	99.9	999.9	99.9	99.9	99.9	479.2	999.9	99.9	999.9	999.9	999.9
67.8	158.0	19815.7	55.0	-62.7	99.9	999.9	99.9	99.9	99.9	482.4	999.9	99.9	999.9	999.9	999.9
68.6	159.0	20160.8	52.0	-63.5	99.9	999.9	99.9	99.9	99.9	488.4	999.9	99.9	999.9	999.9	999.9
69.4	160.0	20526.3	49.0	-62.9	99.9	999.9	99.9	99.9	99.9	498.2	999.9	99.9	999.9	999.9	999.9
70.8	161.0	20915.4	46.0	-62.9	99.9	999.9	99.9	99.9	99.9	507.3	999.9	99.9	999.9	999.9	999.9
71.8	162.0	21190.0	44.0	-61.6	99.0	999.9	99.9	99.9	99.9	517.0	999.9	99.9	999.9	999.9	999.9
72.9	163.0	21626.9	41.0	-62.3	99.9	999.9	99.9	99.9	99.9	525.7	999.9	99.9	999.9	999.9	999.9
74.1	164.0	22095.8	38.0	-62.7	99.9	999.9	99.9	99.9	99.9	536.2	999.9	99.9	999.9	999.9	999.9
75.6	165.0	22602.5	35.0	-62.9	99.9	999.9	99.9	99.9	99.9	548.5	999.9	99.9	999.9	999.9	999.9
76.8	166.0	22964.2	33.0	-63.7	99.9	999.9	99.9	99.9	99.9	555.7	999.9	99.9	999.9	999.9	999.9
78.2	167.0	23548.2	30.0	-64.3	99.9	999.9	99.9	99.9	99.9	569.5	999.9	99.9	999.9	999.9	999.9
79.9	168.0	24196.8	27.0	-61.8	99.9	999.9	99.9	99.9	99.9	594.0	999.9	99.9	999.9	999.9	999.9
81.5	169.0	24929.3	24.0	-59.9	99.9	999.9	99.9	99.9	99.9	619.7	999.9	99.9	999.9	999.9	999.9

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
1715 GMT

165 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V CLMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	4.0	1006.2	13.3	5.9	999.9	99.9	99.9	99.9	286.7	301.9	5.8	61.0	999.9	999.
0.2	6.0	72.6	998.0	11.2	4.1	999.9	99.9	99.9	99.9	285.2	298.7	5.2	61.8	999.9	999.
0.5	7.0	165.1	987.0	10.2	4.3	999.9	99.9	99.9	99.9	285.1	298.9	5.3	66.5	999.9	999.
0.8	8.0	249.7	977.0	9.3	4.1	999.9	99.9	99.9	99.9	285.1	299.0	5.3	70.9	999.9	999.
1.1	9.0	343.6	966.0	8.4	4.1	999.9	99.9	99.9	99.9	285.1	299.0	5.4	74.7	999.9	999.
1.4	10.0	429.5	956.0	7.5	4.1	999.9	99.9	99.9	99.9	285.0	298.9	5.3	78.1	999.9	999.
1.8	11.0	551.0	942.0	6.6	3.8	999.9	99.9	99.9	99.9	285.3	299.3	5.4	82.6	999.9	999.
2.1	12.0	629.8	933.0	5.9	2.7	999.9	99.9	99.9	99.9	285.3	298.4	5.0	79.5	999.9	999.
2.4	13.0	727.1	922.0	6.4	0.9	999.9	99.9	99.9	99.9	286.7	298.5	4.4	67.3	999.9	999.
2.7	14.0	816.7	912.0	6.4	-0.3	999.9	99.9	99.9	99.9	287.6	298.6	4.1	61.7	999.9	999.
3.1	15.0	898.0	903.0	5.6	-1.9	999.9	99.9	99.9	99.9	287.5	297.4	3.7	58.5	999.9	999.
3.5	16.0	1016.5	890.0	4.9	-3.2	999.9	99.9	99.9	99.9	287.9	297.1	3.4	55.7	999.9	999.
3.8	17.0	1108.5	880.0	4.0	-3.5	999.9	99.9	99.9	99.9	287.9	297.0	3.3	57.4	999.9	999.
4.1	18.0	1201.4	870.0	3.4	-3.7	999.9	99.9	99.9	99.9	288.2	297.3	3.3	59.7	999.9	999.
4.4	19.0	1295.1	860.0	2.7	-4.5	999.9	99.9	99.9	99.9	288.4	297.2	3.2	59.3	999.9	999.
4.7	20.0	1380.1	851.0	2.0	-5.0	999.9	99.9	99.9	99.9	288.6	297.1	3.1	59.7	999.9	999.
5.2	21.0	1494.7	835.0	1.4	-5.5	999.9	99.9	99.9	99.9	289.0	297.4	3.0	60.0	999.9	999.
5.5	22.0	1591.2	829.0	0.7	-6.1	999.9	99.9	99.9	99.9	289.3	297.4	2.9	60.2	999.9	999.
5.9	23.0	1678.8	820.0	0.2	-5.4	999.9	99.9	99.9	99.9	289.7	298.4	3.1	66.0	999.9	999.
6.3	24.0	1777.2	810.0	-0.2	-6.1	999.9	99.9	99.9	99.9	290.2	298.3	2.9	62.9	999.9	999.
6.6	25.0	1866.5	801.0	-1.0	-7.5	999.9	99.9	99.9	99.9	290.3	297.8	2.7	61.0	999.9	999.
7.0	26.0	1986.9	789.0	-1.5	-8.1	999.9	99.9	99.9	99.9	291.0	298.4	2.6	60.9	999.9	999.
7.4	27.0	2078.2	780.0	-1.8	-8.3	999.9	99.9	99.9	99.9	291.6	299.0	2.6	61.0	999.9	999.
7.7	28.0	2170.5	771.0	-2.8	-9.2	999.9	99.9	99.9	99.9	291.6	298.5	2.5	61.1	999.9	999.
8.0	29.0	2263.5	762.0	-3.4	-9.8	999.9	99.9	99.9	99.9	291.9	298.6	2.4	60.9	999.9	999.
8.4	30.0	2357.4	753.0	-4.0	-12.2	999.9	99.9	99.9	99.9	292.1	297.8	2.0	52.8	999.9	999.
8.7	31.0	2452.2	744.0	-4.5	-15.5	999.9	99.9	99.9	99.9	292.6	297.1	1.6	42.5	999.9	999.
9.1	32.0	2548.1	735.0	-4.3	-24.1	999.9	99.9	99.9	99.9	293.7	295.9	0.7	19.1	999.9	999.
9.4	33.0	2645.0	726.0	-4.9	-28.1	999.9	99.9	99.9	99.9	294.0	295.6	0.5	14.3	999.9	999.
9.8	34.0	2732.0	718.0	-5.2	-30.3	999.9	99.9	99.9	99.9	294.6	295.9	0.4	11.7	999.9	999.
10.1	35.0	2830.9	709.0	-5.8	-35.4	999.9	99.9	99.9	99.9	295.0	295.8	0.3	7.5	999.9	999.
10.6	36.0	2953.4	698.0	-5.8	-37.9	999.9	99.9	99.9	99.9	296.3	297.0	0.2	5.8	999.9	999.
10.9	37.0	3043.5	690.0	-6.4	-38.2	999.9	99.9	99.9	99.9	296.6	297.3	0.2	5.9	999.9	999.
11.3	38.0	3145.9	681.0	-7.5	-38.3	999.9	99.9	99.9	99.9	296.5	297.2	0.2	6.0	999.9	999.
11.7	39.0	3237.8	673.0	-7.9	-39.1	999.9	99.9	99.9	99.9	297.0	297.7	0.2	6.0	999.9	999.
12.1	40.0	3342.3	664.0	-8.6	-39.5	999.9	99.9	99.9	99.9	297.4	298.0	0.2	6.1	999.9	999.
12.6	41.0	3471.5	653.0	-9.4	-45.7	999.9	99.9	99.9	99.9	298.0	298.3	0.1	3.3	999.9	999.
13.0	42.0	3566.7	645.0	-9.7	-45.9	999.9	99.9	99.9	99.9	298.7	299.0	0.1	3.4	999.9	999.
13.4	43.0	3662.9	637.0	-10.2	-46.0	999.9	99.9	99.9	99.9	299.1	299.4	0.1	3.4	999.9	999.
13.8	44.0	3760.1	629.0	-11.0	-46.3	999.9	99.9	99.9	99.9	299.3	299.7	0.1	3.5	999.9	999.
14.1	45.0	3858.3	621.0	-11.8	-46.0	999.9	99.9	99.9	99.9	299.5	299.8	0.1	3.6	999.9	999.
14.4	46.0	3957.4	613.0	-12.8	-45.3	999.9	99.9	99.9	99.9	299.4	299.8	0.1	4.3	999.9	999.
14.8	47.0	4057.4	605.0	-13.5	-46.1	999.9	99.9	99.9	99.9	299.8	300.1	0.1	4.4	999.9	999.
15.2	48.0	4158.5	597.0	-14.3	-46.5	999.9	99.9	99.9	99.9	299.9	300.3	0.1	4.5	999.9	999.
15.5	49.0	4260.7	589.0	-14.5	-46.5	999.9	99.9	99.9	99.9	300.9	301.3	0.1	4.5	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
1715 GMT

165 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.8	50.0	4364.2	581.0	-15.2	-47.0	999.9	99.9	99.9	99.9	301.3	301.6	0.1	4.6	999.9	999.
16.3	51.0	4481.9	572.0	-16.3	-47.5	999.9	99.9	99.9	99.9	301.3	301.7	0.1	4.7	999.9	999.
16.6	52.0	4587.7	564.0	-17.1	-47.9	999.9	99.9	99.9	99.9	301.6	301.9	0.1	4.8	999.9	999.
17.0	53.0	4681.3	557.0	-17.8	-46.5	999.9	99.9	99.9	99.9	301.9	302.2	0.1	6.1	999.9	999.
17.4	54.0	4789.4	549.0	-18.3	-43.4	999.9	99.9	99.9	99.9	302.5	303.0	0.1	8.9	999.9	999.
17.7	55.0	4885.0	542.0	-19.3	-44.0	999.9	99.9	99.9	99.9	302.5	302.9	0.1	9.0	999.9	999.
18.1	56.0	5009.4	533.0	-19.8	-44.3	999.9	99.9	99.9	99.9	303.3	303.7	0.1	9.1	999.9	999.
18.5	57.0	5107.4	526.0	-20.4	-40.5	999.9	99.9	99.9	99.9	303.8	304.5	0.2	14.3	999.9	999.
18.8	58.0	5206.5	519.0	-21.0	-38.4	999.9	99.9	99.9	99.9	304.1	305.0	0.3	19.1	999.9	999.
19.1	59.0	5321.1	511.0	-21.6	-34.8	999.9	99.9	99.9	99.9	304.8	306.1	0.4	28.8	999.9	999.
19.5	60.0	5422.8	504.0	-21.4	-29.9	999.9	99.9	99.9	99.9	306.2	308.3	0.6	45.9	999.9	999.
19.9	61.0	5525.9	497.0	-21.8	-29.5	999.9	99.9	99.9	99.9	307.0	309.1	0.7	49.8	999.9	999.
20.3	62.0	5630.2	490.0	-22.2	-29.4	999.9	99.9	99.9	99.9	307.7	309.9	0.7	51.9	999.9	999.
20.7	63.0	5735.9	483.0	-22.8	-39.3	999.9	99.9	99.9	99.9	308.3	309.1	0.2	19.2	999.9	999.
21.1	64.0	5827.6	477.0	-22.6	-41.4	999.9	99.9	99.9	99.9	309.6	310.3	0.2	16.0	999.9	999.
21.6	65.0	5936.0	470.0	-23.3	-36.3	999.9	99.9	99.9	99.9	310.1	311.3	0.4	28.9	999.9	999.
22.0	66.0	6061.4	462.0	-24.4	-34.8	999.9	99.9	99.9	99.9	310.3	311.7	0.4	37.2	999.9	999.
22.5	67.0	6172.4	455.0	-25.4	-33.3	999.9	99.9	99.9	99.9	310.3	312.0	0.5	47.1	999.9	999.
22.8	68.0	6268.6	449.0	-26.2	-31.6	999.9	99.9	99.9	99.9	310.5	312.5	0.6	60.0	999.9	999.
23.1	69.0	6382.3	442.0	-26.3	-30.6	999.9	99.9	99.9	99.9	311.8	314.0	0.7	67.0	999.9	999.
23.6	70.0	6481.1	436.0	-26.6	-32.5	999.9	99.9	99.9	99.9	312.6	314.5	0.6	56.4	999.9	999.
24.0	71.0	6614.8	428.0	-27.0	-34.5	999.9	99.9	99.9	99.9	313.8	315.4	0.5	48.2	999.9	999.
24.4	72.0	6716.4	422.0	-28.1	-34.4	999.9	99.9	99.9	99.9	313.7	315.3	0.5	54.0	999.9	999.
24.8	73.0	6836.4	415.0	-28.6	-35.4	999.9	99.9	99.9	99.9	314.5	316.0	0.4	51.7	999.9	999.
25.3	74.0	6940.6	409.0	-29.2	-36.3	999.9	99.9	99.9	99.9	315.0	316.4	0.4	49.9	999.9	999.
25.8	75.0	7046.1	403.0	-29.8	-37.7	999.9	99.9	99.9	99.9	315.6	316.9	0.4	45.6	999.9	999.
26.0	76.0	7152.8	397.0	-30.7	-39.6	999.9	99.9	99.9	99.9	315.8	316.8	0.3	41.1	999.9	999.
26.4	77.0	7260.8	391.0	-31.6	-40.1	999.9	99.9	99.9	99.9	315.9	316.9	0.3	42.4	999.9	999.
26.8	78.0	7370.0	385.0	-32.7	-40.9	999.9	99.9	99.9	99.9	315.9	316.9	0.3	43.4	999.9	999.
27.2	79.0	7480.4	379.0	-33.5	-41.9	999.9	99.9	99.9	99.9	316.3	317.2	0.2	42.1	999.9	999.
27.6	80.0	7592.2	373.0	-34.7	-42.3	999.9	99.9	99.9	99.9	316.2	317.0	0.2	45.0	999.9	999.
28.0	81.0	7724.3	366.0	-35.6	-43.0	999.9	99.9	99.9	99.9	316.6	317.5	0.2	46.1	999.9	999.
28.4	82.0	7839.2	360.0	-36.4	-43.4	999.9	99.9	99.9	99.9	317.1	317.9	0.2	47.6	999.9	999.
28.8	83.0	7936.0	355.0	-37.5	-44.2	999.9	99.9	99.9	99.9	316.9	317.6	0.2	49.0	999.9	999.
29.3	84.0	8053.5	349.0	-38.3	-44.5	999.9	99.9	99.9	99.9	317.3	318.1	0.2	51.4	999.9	999.
29.7	85.0	8152.5	344.0	-39.3	-45.3	999.9	99.9	99.9	99.9	317.2	317.9	0.2	52.5	999.9	999.
30.2	86.0	8293.0	337.0	-40.3	99.9	999.9	99.9	99.9	99.9	317.8	999.9	99.9	999.9	999.9	999.
30.6	87.0	8394.8	332.0	-41.3	99.9	999.9	99.9	99.9	99.9	317.9	999.9	99.9	999.9	999.9	999.
31.0	88.0	8518.5	326.0	-41.9	99.9	999.9	99.9	99.9	99.9	318.6	999.9	99.9	999.9	999.9	999.
31.4	89.0	8623.0	321.0	-42.6	99.9	999.9	99.9	99.9	99.9	319.0	999.9	99.9	999.9	999.9	999.
31.8	90.0	8728.7	316.0	-43.8	99.9	999.9	99.9	99.9	99.9	318.9	999.9	99.9	999.9	999.9	999.
32.2	91.0	8857.3	310.0	-44.7	99.9	999.9	99.9	99.9	99.9	319.3	999.9	99.9	999.9	999.9	999.
32.6	92.0	8965.8	305.0	-45.6	99.9	999.9	99.9	99.9	99.9	319.6	999.9	99.9	999.9	999.9	999.
33.0	93.0	9075.7	300.0	-46.7	99.9	999.9	99.9	99.9	99.9	319.5	999.9	99.9	999.9	999.9	999.
33.4	94.0	9186.9	295.0	-47.8	99.9	999.9	99.9	99.9	99.9	319.6	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
1715 GMT

165 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX R TO GM/KG	RH PCT	RANGE KM	AZ DG
33.8	95.0	9299.5	290.0	-48.9	99.9	999.9	99.9	99.9	99.9	319.5	999.9	99.9	999.9	999.9	999.
34.3	96.0	9436.7	284.0	-49.4	99.9	999.9	99.9	99.9	99.9	320.8	999.9	99.9	999.9	999.9	999.
34.7	97.0	9553.0	279.0	-49.8	99.9	999.9	99.9	99.9	99.9	321.8	999.9	99.9	999.9	999.9	999.
35.1	98.0	9671.1	274.0	-50.6	99.9	999.9	99.9	99.9	99.9	322.3	999.9	99.9	999.9	999.9	999.
35.6	99.0	9766.8	270.0	-51.5	99.9	999.9	99.9	99.9	99.9	322.4	999.9	99.9	999.9	999.9	999.
36.0	100.0	9887.8	265.0	-52.6	99.9	999.9	99.9	99.9	99.9	322.5	999.9	99.9	999.9	999.9	999.
36.5	101.0	10035.6	259.0	-53.2	99.9	999.9	99.9	99.9	99.9	323.7	999.9	99.9	999.9	999.9	999.
36.9	102.0	10135.7	255.0	-54.0	99.9	999.9	99.9	99.9	99.9	324.0	999.9	99.9	999.9	999.9	999.
37.3	103.0	10262.6	250.0	-54.8	99.9	999.9	99.9	99.9	99.9	324.6	999.9	99.9	999.9	999.9	999.
37.7	104.0	10365.6	246.0	-55.7	99.9	999.9	99.9	99.9	99.9	324.7	999.9	99.9	999.9	999.9	999.
38.1	105.0	10496.1	241.0	-56.6	99.9	999.9	99.9	99.9	99.9	325.4	999.9	99.9	999.9	999.9	999.
38.6	106.0	10602.2	237.0	-56.7	99.9	999.9	99.9	99.9	99.9	326.7	999.9	99.9	999.9	999.9	999.
39.0	107.0	10710.1	233.0	-56.6	99.9	999.9	99.9	99.9	99.9	328.5	999.9	99.9	999.9	999.9	999.
39.4	108.0	10820.0	229.0	-56.6	99.9	999.9	99.9	99.9	99.9	330.2	999.9	99.9	999.9	999.9	999.
39.8	109.0	10960.5	224.0	-55.3	99.9	999.9	99.9	99.9	99.9	334.3	999.9	99.9	999.9	999.9	999.
40.2	110.0	11075.6	220.0	-54.6	99.9	999.9	99.9	99.9	99.9	337.0	999.9	99.9	999.9	999.9	999.
40.8	111.0	11222.8	215.0	-54.8	99.9	999.9	99.9	99.9	99.9	339.0	999.9	99.9	999.9	999.9	999.
41.1	112.0	11342.7	211.0	-55.3	99.9	999.9	99.9	99.9	99.9	340.0	999.9	99.9	999.9	999.9	999.
41.6	113.0	11464.5	207.0	-55.4	99.9	999.9	99.9	99.9	99.9	341.6	999.9	99.9	999.9	999.9	999.
42.0	114.0	11589.1	203.0	-56.2	99.9	999.9	99.9	99.9	99.9	342.3	999.9	99.9	999.9	999.9	999.
42.5	115.0	11715.5	199.0	-56.4	99.9	999.9	99.9	99.9	99.9	344.0	999.9	99.9	999.9	999.9	999.
43.0	116.0	11844.9	195.0	-54.8	99.9	999.9	99.9	99.9	99.9	348.6	999.9	99.9	999.9	999.9	999.
43.5	117.0	11978.0	191.0	-53.0	99.9	999.9	99.9	99.9	99.9	353.4	999.9	99.9	999.9	999.9	999.
44.0	118.0	12114.3	187.0	-53.5	99.9	999.9	99.9	99.9	99.9	354.8	999.9	99.9	999.9	999.9	999.
44.5	119.0	12253.5	183.0	-53.0	99.9	999.9	99.9	99.9	99.9	357.8	999.9	99.9	999.9	999.9	999.
45.0	120.0	12360.2	180.0	-52.6	99.9	999.9	99.9	99.9	99.9	360.2	999.9	99.9	999.9	999.9	999.
45.5	121.0	12505.4	176.0	-52.6	99.9	999.9	99.9	99.9	99.9	362.6	999.9	99.9	999.9	999.9	999.
45.9	122.0	12616.3	173.0	-53.3	99.9	999.9	99.9	99.9	99.9	363.1	999.9	99.9	999.9	999.9	999.
46.4	123.0	12766.7	169.0	-54.1	99.9	999.9	99.9	99.9	99.9	364.2	999.9	99.9	999.9	999.9	999.
46.9	124.0	12881.4	166.0	-54.9	99.9	999.9	99.9	99.9	99.9	364.7	999.9	99.9	999.9	999.9	999.
47.4	125.0	13037.0	162.0	-55.7	99.9	999.9	99.9	99.9	99.9	365.9	999.9	99.9	999.9	999.9	999.
48.0	126.0	13195.6	158.0	-57.2	99.9	999.9	99.9	99.9	99.9	366.0	999.9	99.9	999.9	999.9	999.
48.4	127.0	13316.7	155.0	-57.7	99.9	999.9	99.9	99.9	99.9	367.2	999.9	99.9	999.9	999.9	999.
48.9	128.0	13481.8	151.0	-57.6	99.9	999.9	99.9	99.9	99.9	370.2	999.9	99.9	999.9	999.9	999.
49.4	129.0	13608.4	148.0	-57.7	99.9	999.9	99.9	99.9	99.9	372.0	999.9	99.9	999.9	999.9	999.
49.8	130.0	13737.5	145.0	-58.1	99.9	999.9	99.9	99.9	99.9	373.5	999.9	99.9	999.9	999.9	999.
50.4	131.0	13913.6	141.0	-58.4	99.9	999.9	99.9	99.9	99.9	376.0	999.9	99.9	999.9	999.9	999.
50.9	132.0	14048.7	138.0	-58.9	99.9	999.9	99.9	99.9	99.9	377.5	999.9	99.9	999.9	999.9	999.
51.4	133.0	14186.5	135.0	-59.3	99.9	999.9	99.9	99.9	99.9	379.2	999.9	99.9	999.9	999.9	999.
51.9	134.0	14327.2	132.0	-59.6	99.9	999.9	99.9	99.9	99.9	381.0	999.9	99.9	999.9	999.9	999.
52.4	135.0	14471.1	129.0	-59.5	99.9	999.9	99.9	99.9	99.9	383.0	999.9	99.9	999.9	999.9	999.
53.1	136.0	14668.4	125.0	-59.1	99.9	999.9	99.9	99.9	99.9	388.0	999.9	99.9	999.9	999.9	999.
53.8	137.0	14820.7	122.0	-59.1	99.9	999.9	99.9	99.9	99.9	390.0	999.9	99.9	999.9	999.9	999.
54.5	138.0	15030.4	118.0	-57.7	99.9	999.9	99.9	99.9	99.9	396.0	999.9	99.9	999.9	999.9	999.
55.1	139.0	15192.8	115.0	-57.9	99.9	999.9	99.9	99.9	99.9	399.0	999.9	99.9	999.9	999.9	999.

\* BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
1715 GMT

165 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
55.8	149.0	15359.0	112.0	-59.1	99.9	999.9	99.9	99.9	99.9	400.4	999.9	99.9	999.9	999.9	999.
56.4	141.0	15587.0	108.0	-59.1	99.9	999.9	99.9	99.9	99.9	404.5	999.9	99.9	999.9	999.9	999.
57.1	142.0	15763.6	105.0	-59.1	99.9	999.9	99.9	99.9	99.9	407.8	999.9	99.9	999.9	999.9	999.
57.7	143.0	15945.3	102.0	-59.1	99.9	999.9	99.9	99.9	99.9	411.2	999.9	99.9	999.9	999.9	999.
58.4	144.0	16132.4	99.0	-59.5	99.9	999.9	99.9	99.9	99.9	414.1	999.9	99.9	999.9	999.9	999.
59.0	145.0	16391.4	95.0	-58.1	99.9	999.9	99.9	99.9	99.9	421.7	999.9	99.9	999.9	999.9	999.
59.8	146.0	16593.0	92.0	-59.1	99.9	999.9	99.9	99.9	99.9	423.5	999.9	99.9	999.9	999.9	999.
60.3	147.0	16800.4	89.0	-60.2	99.9	999.9	99.9	99.9	99.9	425.5	999.9	99.9	999.9	999.9	999.
61.0	148.0	17014.2	86.0	-60.3	99.9	999.9	99.9	99.9	99.9	429.3	999.9	99.9	999.9	999.9	999.
61.7	149.0	17235.5	83.0	-60.3	99.9	999.9	99.9	99.9	99.9	433.7	999.9	99.9	999.9	999.9	999.
62.5	150.0	17464.6	80.0	-61.2	99.9	999.9	99.9	99.9	99.9	436.4	999.9	99.9	999.9	999.9	999.
63.2	151.0	17621.3	78.0	-62.3	99.9	999.9	99.9	99.9	99.9	437.3	999.9	99.9	999.9	999.9	999.
64.0	152.0	17863.3	75.0	-62.7	99.9	999.9	99.9	99.9	99.9	441.5	999.9	99.9	999.9	999.9	999.
64.8	153.0	18115.4	72.0	-62.0	99.9	999.9	99.9	99.9	99.9	448.2	999.9	99.9	999.9	999.9	999.
65.7	154.0	18379.1	69.0	-61.2	99.9	999.9	99.9	99.9	99.9	455.3	999.9	99.9	999.9	999.9	999.
66.6	155.0	18654.7	66.0	-61.8	99.9	999.9	99.9	99.9	99.9	459.9	999.9	99.9	999.9	999.9	999.
67.4	156.0	18942.5	63.0	-62.1	99.9	999.9	99.9	99.9	99.9	465.3	999.9	99.9	999.9	999.9	999.
68.3	157.0	19244.1	60.0	-62.1	99.9	999.9	99.9	99.9	99.9	471.8	999.9	99.9	999.9	999.9	999.
69.2	158.0	19453.6	58.0	-62.1	99.9	999.9	99.9	99.9	99.9	476.4	999.9	99.9	999.9	999.9	999.
70.1	159.0	19782.6	55.0	-61.2	99.9	999.9	99.9	99.9	99.9	485.8	999.9	99.9	999.9	999.9	999.
71.1	160.0	20130.5	52.0	-61.6	99.9	999.9	99.9	99.9	99.9	492.8	999.9	99.9	999.9	999.9	999.
72.2	161.0	20373.1	50.0	-62.3	99.9	999.9	99.9	99.9	99.9	496.6	999.9	99.9	999.9	999.9	999.
73.4	162.0	20754.9	47.0	-62.7	99.9	999.9	99.9	99.9	99.9	504.6	999.9	99.9	999.9	999.9	999.
74.4	163.0	21162.0	44.0	-62.1	99.9	999.9	99.9	99.9	99.9	515.6	999.9	99.9	999.9	999.9	999.
75.4	164.0	21448.5	42.0	-63.1	99.9	999.9	99.9	99.9	99.9	520.2	999.9	99.9	999.9	999.9	999.
76.6	165.0	21904.3	39.0	-63.6	99.9	999.9	99.9	99.9	99.9	529.9	999.9	99.9	999.9	999.9	999.
77.9	166.0	22395.1	36.0	-64.0	99.9	999.9	99.9	99.9	99.9	541.2	999.9	99.9	999.9	999.9	999.
79.0	167.0	22744.9	34.0	-64.4	99.9	999.9	99.9	99.9	99.9	549.1	999.9	99.9	999.9	999.9	999.
80.4	168.0	23311.3	31.0	-63.3	99.9	999.9	99.9	99.9	99.9	566.9	999.9	99.9	999.9	999.9	999.
81.9	169.0	23938.5	28.0	-62.3	99.9	999.9	99.9	99.9	99.9	586.2	999.9	99.9	999.9	999.9	999.

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
2015 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	4.0	1005.0	13.9	5.0	999.9	99.9	99.9	99.9	287.4	301.8	5.5	55.0	999.9	999.
0.3	6.0	79.7	996.0	12.8	4.3	999.9	99.9	99.9	99.9	287.0	300.8	5.2	56.0	999.9	999.
0.7	7.0	172.9	985.0	11.9	3.8	999.9	99.9	99.9	99.9	287.0	300.4	5.1	57.4	999.9	999.
1.1	8.0	266.8	974.0	11.0	3.2	999.9	99.9	99.9	99.9	286.9	300.0	5.0	58.7	999.9	999.
1.6	9.0	361.4	963.0	10.0	2.9	999.9	99.9	99.9	99.9	286.9	299.9	4.9	61.1	999.9	999.
2.0	10.0	456.8	952.0	8.8	2.5	999.9	99.9	99.9	99.9	286.6	299.3	4.8	64.9	999.9	999.
2.5	11.0	570.5	939.0	8.1	2.7	999.9	99.9	99.9	99.9	287.0	300.1	5.0	68.9	999.9	999.
2.8	12.0	658.9	929.0	7.5	2.1	999.9	99.9	99.9	99.9	287.3	300.0	4.8	68.5	999.9	999.
3.2	13.0	756.9	918.0	6.5	1.3	999.9	99.9	99.9	99.9	287.2	299.4	4.6	69.5	999.9	999.
3.5	14.0	855.8	907.0	6.0	0.4	999.9	99.9	99.9	99.9	287.6	299.2	4.4	67.5	999.9	999.
3.8	15.0	946.6	897.0	5.3	-0.9	999.9	99.9	99.9	99.9	287.7	298.5	4.0	64.3	999.9	999.
4.2	16.0	1056.6	885.0	4.6	-2.0	999.9	99.9	99.9	99.9	288.1	298.2	3.7	62.3	999.9	999.
4.6	17.0	1149.1	875.0	4.1	-2.1	999.9	99.9	99.9	99.9	288.5	298.7	3.8	64.2	999.9	999.
4.9	18.0	1252.0	864.0	3.4	-3.2	999.9	99.9	99.9	99.9	288.8	298.4	3.5	61.9	999.9	999.
5.3	19.0	1346.3	854.0	2.6	-4.2	999.9	99.9	99.9	99.9	288.9	297.8	3.3	60.7	999.9	999.
5.6	20.0	1431.9	845.0	1.9	-5.1	999.9	99.9	99.9	99.9	289.1	297.6	3.1	59.5	999.9	999.
6.0	21.0	1556.9	832.0	1.0	-6.2	999.9	99.9	99.9	99.9	289.3	297.3	2.9	58.7	999.9	999.
6.4	22.0	1644.2	823.0	0.2	-7.6	999.9	99.9	99.9	99.9	289.3	296.6	2.6	55.7	999.9	999.
6.7	23.0	1742.1	813.0	-0.5	-7.7	999.9	99.9	99.9	99.9	289.6	297.0	2.6	58.1	999.9	999.
7.0	24.0	1831.0	804.0	-1.3	-8.4	999.9	99.9	99.9	99.9	289.7	296.7	2.5	58.3	999.9	999.
7.4	25.0	1930.7	794.0	-2.1	-9.1	999.9	99.9	99.9	99.9	289.9	296.7	2.4	58.6	999.9	999.
7.8	26.0	2051.7	782.0	-2.7	-9.4	999.9	99.9	99.9	99.9	290.5	297.2	2.4	59.9	999.9	999.
8.1	27.0	2153.7	772.0	-3.0	-12.3	999.9	99.9	99.9	99.9	291.2	296.6	1.9	48.3	999.9	999.
8.4	28.0	2246.6	763.0	-3.1	-16.3	999.9	99.9	99.9	99.9	291.9	296.0	1.4	35.4	999.9	999.
8.8	29.0	2340.4	754.0	-3.6	-18.8	999.9	99.9	99.9	99.9	292.4	295.8	1.1	29.6	999.9	999.
9.2	30.0	2445.9	744.0	-3.4	-20.1	999.9	99.9	99.9	99.9	293.6	296.7	1.0	26.1	999.9	999.
9.5	31.0	2542.1	735.0	-3.4	-26.4	999.9	99.9	99.9	99.9	294.6	296.4	0.6	14.8	999.9	999.
9.9	32.0	2650.3	725.0	-3.9	-27.5	999.9	99.9	99.9	99.9	295.2	296.9	0.5	13.9	999.9	999.
10.3	33.0	2737.7	717.0	-4.8	-28.6	999.9	99.9	99.9	99.9	295.2	296.7	0.5	13.4	999.9	999.
10.7	34.0	2836.9	708.0	-5.3	-32.2	999.9	99.9	99.9	99.9	295.7	296.9	0.4	9.8	999.9	999.
11.0	35.0	2937.2	699.0	-5.9	-40.7	999.9	99.9	99.9	99.9	296.1	296.6	0.2	4.3	999.9	999.
11.6	36.0	3061.2	688.0	-6.6	-54.1	999.9	99.9	99.9	99.9	296.6	296.7	0.0	1.0	999.9	999.
12.0	37.0	3163.9	679.0	-7.4	-54.6	999.9	99.9	99.9	99.9	296.9	297.0	0.0	1.0	999.9	999.
12.5	38.0	3256.0	671.0	-8.1	-55.0	999.9	99.9	99.9	99.9	297.1	297.2	0.0	1.0	999.9	999.
12.9	39.0	3360.8	662.0	-8.4	-55.2	999.9	99.9	99.9	99.9	297.9	298.0	0.0	1.0	999.9	999.
13.4	40.0	3455.0	654.0	-8.7	-55.4	999.9	99.9	99.9	99.9	298.6	298.7	0.0	1.0	999.9	999.
13.9	41.0	3574.2	644.0	-9.4	-55.9	999.9	99.9	99.9	99.9	299.1	299.2	0.0	1.0	999.9	999.
14.2	42.0	3682.8	635.0	-10.3	-56.4	999.9	99.9	99.9	99.9	299.3	299.4	0.0	1.0	999.9	999.
14.6	43.0	3780.2	627.0	-11.1	-57.0	999.9	99.9	99.9	99.9	299.4	299.5	0.0	1.0	999.9	999.
15.0	44.0	3878.6	619.0	-12.1	-57.6	999.9	99.9	99.9	99.9	299.4	299.5	0.0	1.0	999.9	999.
15.4	45.0	3990.4	610.0	-12.8	-58.0	999.9	99.9	99.9	99.9	299.8	299.9	0.0	1.0	999.9	999.
15.7	46.0	4091.0	602.0	-13.5	-58.5	999.9	99.9	99.9	99.9	300.2	300.2	0.0	1.0	999.9	999.
16.1	47.0	4192.6	594.0	-13.9	-58.8	999.9	99.9	99.9	99.9	300.9	300.9	0.0	1.0	999.9	999.
16.4	48.0	4295.5	586.0	-14.5	-59.1	999.9	99.9	99.9	99.9	301.3	301.4	0.0	1.0	999.9	999.
16.8	49.0	4399.5	578.0	-15.1	-40.7	999.9	99.9	99.9	99.9	301.9	302.5	0.2	9.0	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
2015 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.1	50.0	4504.7	570.0	-15.9	-29.3	999.9	99.9	99.9	99.9	302.2	304.1	0.6	30.2	999.9	999.
17.5	51.0	4624.5	561.0	-16.8	-27.8	999.9	99.9	99.9	99.9	302.4	304.6	0.7	37.9	999.9	999.
17.8	52.0	4732.3	553.0	-17.4	-25.0	999.9	99.9	99.9	99.9	303.1	305.9	0.9	51.3	999.9	999.
18.2	53.0	4827.6	546.0	-17.9	-24.3	999.9	99.9	99.9	99.9	303.5	306.6	1.0	57.2	999.9	999.
18.5	54.0	4938.1	538.0	-17.9	-23.3	999.9	99.9	99.9	99.9	304.8	308.2	1.1	62.8	999.9	999.
18.8	55.0	5036.0	531.0	-18.2	-23.4	999.9	99.9	99.9	99.9	305.6	309.0	1.1	63.3	999.9	999.
19.2	56.0	5163.5	522.0	-19.0	-24.2	999.9	99.9	99.9	99.9	306.1	309.4	1.0	63.1	999.9	999.
19.5	57.0	5278.3	514.0	-20.0	-24.8	999.9	99.9	99.9	99.9	306.3	309.5	1.0	65.1	999.9	999.
19.8	58.0	5379.9	507.0	-20.8	-25.2	999.9	99.9	99.9	99.9	306.6	309.6	1.0	67.7	999.9	999.
20.2	59.0	5482.6	500.0	-21.6	-25.0	999.9	99.9	99.9	99.9	306.8	310.0	1.0	73.9	999.9	999.
20.5	60.0	5586.4	493.0	-22.0	-24.7	999.9	99.9	99.9	99.9	307.6	310.8	1.0	78.2	999.9	999.
20.9	61.0	5691.7	486.0	-22.0	-24.1	999.9	99.9	99.9	99.9	308.8	312.3	1.1	82.4	999.9	999.
21.3	62.0	5798.4	479.0	-22.7	-24.6	999.9	99.9	99.9	99.9	309.3	312.7	1.1	83.7	999.9	999.
21.7	63.0	5906.3	472.0	-23.3	-24.9	999.9	99.9	99.9	99.9	309.7	313.1	1.1	86.3	999.9	999.
22.1	64.0	6015.6	465.0	-23.9	-25.0	999.9	99.9	99.9	99.9	310.4	313.8	1.1	90.0	999.9	999.
22.5	65.0	6126.3	458.0	-24.5	-25.8	999.9	99.9	99.9	99.9	310.0	314.2	1.0	88.8	999.9	999.
23.0	66.0	6254.5	450.0	-25.2	-26.7	999.9	99.9	99.9	99.9	311.6	314.7	1.0	87.3	999.9	999.
23.4	67.0	6368.3	443.0	-25.7	-27.2	999.9	99.9	99.9	99.9	312.4	315.4	0.9	87.2	999.9	999.
23.8	68.0	6467.0	437.0	-26.6	-28.0	999.9	99.9	99.9	99.9	312.4	315.2	0.9	88.2	999.9	999.
24.2	69.0	6583.5	430.0	-27.4	-28.7	999.9	99.9	99.9	99.9	312.8	315.5	0.8	88.8	999.9	999.
24.5	70.0	6684.5	424.0	-28.4	-30.0	999.9	99.9	99.9	99.9	312.9	315.3	0.7	85.5	999.9	999.
25.0	71.0	6821.0	416.0	-28.9	-30.8	999.9	99.9	99.9	99.9	313.9	316.2	0.7	83.8	999.9	999.
25.3	72.0	6942.2	409.0	-29.8	-31.7	999.9	99.9	99.9	99.9	314.2	316.4	0.6	83.2	999.9	999.
25.7	73.0	7047.3	403.0	-31.0	-32.8	999.9	99.9	99.9	99.9	314.0	316.0	0.6	84.3	999.9	999.
26.1	74.0	7153.6	397.0	-31.8	-33.7	999.9	99.9	99.9	99.9	314.3	316.2	0.5	82.9	999.9	999.
26.5	75.0	7261.0	391.0	-32.8	-34.7	999.9	99.9	99.9	99.9	314.5	316.2	0.5	82.4	999.9	999.
26.9	76.0	7369.7	385.0	-33.7	-35.7	999.9	99.9	99.9	99.9	314.6	316.2	0.5	81.9	999.9	999.
27.2	77.0	7479.8	379.0	-34.2	-36.5	999.9	99.9	99.9	99.9	315.3	316.8	0.4	79.4	999.9	999.
27.6	78.0	7591.3	373.0	-35.3	-37.2	999.9	99.9	99.9	99.9	315.3	316.8	0.4	82.1	999.9	999.
28.0	79.0	7704.2	367.0	-35.8	-37.3	999.9	99.9	99.9	99.9	316.1	317.5	0.4	86.1	999.9	999.
28.3	80.0	7818.7	361.0	-36.0	-40.8	999.9	99.9	99.9	99.9	317.4	318.4	0.3	60.5	999.9	999.
28.8	81.0	7954.7	354.0	-36.2	-43.2	999.9	99.9	99.9	99.9	318.8	319.6	0.2	47.9	999.9	999.
29.2	82.0	8073.1	348.0	-37.3	-44.7	999.9	99.9	99.9	99.9	318.9	319.6	0.2	45.8	999.9	999.
29.6	83.0	8172.8	343.0	-38.4	-45.7	999.9	99.9	99.9	99.9	318.7	319.4	0.2	45.4	999.9	999.
30.0	84.0	8294.0	337.0	-39.2	-47.8	999.9	99.9	99.9	99.9	319.2	319.7	0.1	39.0	999.9	999.
30.4	85.0	8396.1	332.0	-40.5	99.9	999.9	99.9	99.9	99.9	319.0	999.9	99.9	999.9	999.9	999.
30.9	86.0	8541.0	325.0	-41.6	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.
31.4	87.0	8645.9	320.0	-42.7	99.9	999.9	99.9	99.9	99.9	319.2	999.9	99.9	999.9	999.9	999.
31.7	88.0	8773.4	314.0	-43.7	99.9	999.9	99.9	99.9	99.9	319.6	999.9	99.9	999.9	999.9	999.
32.2	89.0	8881.0	309.0	-45.0	99.9	999.9	99.9	99.9	99.9	319.3	999.9	99.9	999.9	999.9	999.
32.6	90.0	8989.8	304.0	-45.9	99.9	999.9	99.9	99.9	99.9	319.5	999.9	99.9	999.9	999.9	999.
33.1	91.0	9099.9	299.0	-47.0	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.
33.5	92.0	9211.4	294.0	-48.1	99.9	999.9	99.9	99.9	99.9	319.5	999.9	99.9	999.9	999.9	999.
33.8	93.0	9324.2	289.0	-49.3	99.9	999.9	99.9	99.9	99.9	319.3	999.9	99.9	999.9	999.9	999.
34.2	94.0	9438.4	284.0	-50.3	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
2015 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.6	95.0	9554.1	279.0	-51.2	99.9	999.9	99.9	99.9	99.9	319.7	999.9	99.9	999.9	999.9	999.
35.1	96.0	9719.0	272.0	-51.7	99.9	999.9	99.9	99.9	99.9	321.4	999.9	99.9	999.9	999.9	999.
35.4	97.0	9815.0	268.0	-52.5	99.9	999.9	99.9	99.9	99.9	321.6	999.9	99.9	999.9	999.9	999.
35.8	98.0	9936.4	263.0	-53.6	99.9	999.9	99.9	99.9	99.9	321.7	999.9	99.9	999.9	999.9	999.
36.1	99.0	10059.5	258.0	-54.6	99.9	999.9	99.9	99.9	99.9	322.0	999.9	99.9	999.9	999.9	999.
36.5	100.0	10159.5	254.0	-54.9	99.9	999.9	99.9	99.9	99.9	323.0	999.9	99.9	999.9	999.9	999.
36.9	101.0	10311.9	248.0	-55.9	99.9	999.9	99.9	99.9	99.9	323.7	999.9	99.9	999.9	999.9	999.
37.3	102.0	10441.3	243.0	-56.6	99.9	999.9	99.9	99.9	99.9	324.6	999.9	99.9	999.9	999.9	999.
37.7	103.0	10546.6	239.0	-56.8	99.9	999.9	99.9	99.9	99.9	325.9	999.9	99.9	999.9	999.9	999.
38.0	104.0	10680.6	234.0	-56.9	99.9	999.9	99.9	99.9	99.9	327.6	999.9	99.9	999.9	999.9	999.
38.4	105.0	10789.7	230.0	-57.1	99.9	999.9	99.9	99.9	99.9	329.0	999.9	99.9	999.9	999.9	999.
38.8	106.0	10900.7	226.0	-57.3	99.9	999.9	99.9	99.9	99.9	330.4	999.9	99.9	999.9	999.9	999.
39.2	107.0	11042.5	221.0	-56.2	99.9	999.9	99.9	99.9	99.9	334.0	999.9	99.9	999.9	999.9	999.
39.6	108.0	11158.6	217.0	-56.1	99.9	999.9	99.9	99.9	99.9	336.0	999.9	99.9	999.9	999.9	999.
40.0	109.0	11276.9	213.0	-56.1	99.9	999.9	99.9	99.9	99.9	337.8	999.9	99.9	999.9	999.9	999.
40.4	110.0	11397.2	209.0	-56.8	99.9	999.9	99.9	99.9	99.9	338.6	999.9	99.9	999.9	999.9	999.
40.8	111.0	11550.5	204.0	-57.4	99.9	999.9	99.9	99.9	99.9	339.9	999.9	99.9	999.9	999.9	999.
41.3	112.0	11675.8	200.0	-56.9	99.9	999.9	99.9	99.9	99.9	342.6	999.9	99.9	999.9	999.9	999.
41.6	113.0	11804.0	196.0	-55.9	99.9	999.9	99.9	99.9	99.9	346.2	999.9	99.9	999.9	999.9	999.
42.1	114.0	11935.8	192.0	-54.1	99.9	999.9	99.9	99.9	99.9	351.2	999.9	99.9	999.9	999.9	999.
42.5	115.0	12071.0	188.0	-53.6	99.9	999.9	99.9	99.9	99.9	354.1	999.9	99.9	999.9	999.9	999.
43.0	116.0	12209.4	184.0	-53.5	99.9	999.9	99.9	99.9	99.9	356.5	999.9	99.9	999.9	999.9	999.
43.4	117.0	12350.9	180.0	-53.1	99.9	999.9	99.9	99.9	99.9	359.3	999.9	99.9	999.9	999.9	999.
43.8	118.0	12495.7	176.0	-53.3	99.9	999.9	99.9	99.9	99.9	361.4	999.9	99.9	999.9	999.9	999.
44.2	119.0	12606.4	173.0	-53.3	99.9	999.9	99.9	99.9	99.9	363.1	999.9	99.9	999.9	999.9	999.
44.5	120.0	12756.9	169.0	-53.6	99.9	999.9	99.9	99.9	99.9	365.0	999.9	99.9	999.9	999.9	999.
44.9	121.0	12910.6	165.0	-54.6	99.9	999.9	99.9	99.9	99.9	365.9	999.9	99.9	999.9	999.9	999.
45.3	122.0	13027.9	162.0	-55.1	99.9	999.9	99.9	99.9	99.9	367.0	999.9	99.9	999.9	999.9	999.
45.7	123.0	13187.5	158.0	-55.4	99.9	999.9	99.9	99.9	99.9	369.1	999.9	99.9	999.9	999.9	999.
46.1	124.0	13309.6	155.0	-56.2	99.9	999.9	99.9	99.9	99.9	369.7	999.9	99.9	999.9	999.9	999.
46.6	125.0	13433.5	152.0	-57.1	99.9	999.9	99.9	99.9	99.9	370.3	999.9	99.9	999.9	999.9	999.
47.0	126.0	13601.8	148.0	-58.3	99.9	999.9	99.9	99.9	99.9	371.1	999.9	99.9	999.9	999.9	999.
47.4	127.0	13773.9	144.0	-59.0	99.9	999.9	99.9	99.9	99.9	372.8	999.9	99.9	999.9	999.9	999.
47.8	128.0	13906.1	141.0	-58.6	99.9	999.9	99.9	99.9	99.9	375.6	999.9	99.9	999.9	999.9	999.
48.2	129.0	14041.4	138.0	-58.3	99.9	999.9	99.9	99.9	99.9	378.6	999.9	99.9	999.9	999.9	999.
48.6	130.0	14180.1	135.0	-56.9	99.9	999.9	99.9	99.9	99.9	383.4	999.9	99.9	999.9	999.9	999.
49.1	131.0	14370.8	131.0	-56.4	99.9	999.9	99.9	99.9	99.9	387.6	999.9	99.9	999.9	999.9	999.
49.4	132.0	14517.9	128.0	-56.6	99.9	999.9	99.9	99.9	99.9	389.9	999.9	99.9	999.9	999.9	999.
49.8	133.0	14668.2	125.0	-56.8	99.9	999.9	99.9	99.9	99.9	392.2	999.9	99.9	999.9	999.9	999.
50.2	134.0	14822.0	122.0	-57.4	99.9	999.9	99.9	99.9	99.9	393.7	999.9	99.9	999.9	999.9	999.
50.6	135.0	14978.9	119.0	-58.5	99.9	999.9	99.9	99.9	99.9	394.6	999.9	99.9	999.9	999.9	999.
51.1	136.0	15193.4	115.0	-59.5	99.9	999.9	99.9	99.9	99.9	396.6	999.9	99.9	999.9	999.9	999.
51.6	137.0	15358.7	112.0	-59.7	99.9	999.9	99.9	99.9	99.9	399.2	999.9	99.9	999.9	999.9	999.
52.1	138.0	15585.9	108.0	-60.1	99.9	999.9	99.9	99.9	99.9	402.7	999.9	99.9	999.9	999.9	999.
52.6	139.0	15761.7	105.0	-60.3	99.9	999.9	99.9	99.9	99.9	405.6	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
2015 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
53.1	140.0	15942.0	102.0	-61.2	91.9	999.9	99.9	99.9	99.9	407.3	999.9	99.9	999.9	999.9	999.
53.7	141.0	16190.6	98.0	-61.0	91.9	999.9	99.9	99.9	99.9	412.3	999.9	99.9	999.9	999.9	999.
54.2	142.0	16394.0	95.0	-60.4	91.9	999.9	99.9	99.9	99.9	417.1	999.9	99.9	999.9	999.9	999.
54.8	143.0	16588.0	92.0	-60.3	91.9	999.9	99.9	99.9	99.9	421.3	999.9	99.9	999.9	999.9	999.
55.3	144.0	16790.9	89.0	-60.1	91.9	999.9	99.9	99.9	99.9	425.6	999.9	99.9	999.9	999.9	999.
55.9	145.0	17004.9	86.0	-60.1	91.9	999.9	99.9	99.9	99.9	429.8	999.9	99.9	999.9	999.9	999.
56.5	146.0	17227.2	83.0	-58.8	91.9	999.9	99.9	99.9	99.9	436.8	999.9	99.9	999.9	999.9	999.
57.1	147.0	17457.8	80.0	-58.7	91.9	999.9	99.9	99.9	99.9	439.6	999.9	99.9	999.9	999.9	999.
57.8	148.0	17696.0	77.0	-61.0	91.9	999.9	99.9	99.9	99.9	441.7	999.9	99.9	999.9	999.9	999.
58.4	149.0	17942.9	74.0	-61.2	91.9	999.9	99.9	99.9	99.9	446.4	999.9	99.9	999.9	999.9	999.
59.0	150.0	18199.3	71.0	-62.1	91.9	999.9	99.9	99.9	99.9	449.7	999.9	99.9	999.9	999.9	999.
59.7	151.0	18465.5	68.0	-62.7	91.9	999.9	99.9	99.9	99.9	454.1	999.9	99.9	999.9	999.9	999.
60.4	152.0	18744.5	65.0	-61.9	91.9	999.9	99.9	99.9	99.9	461.6	999.9	99.9	999.9	999.9	999.
61.2	153.0	19036.9	62.0	-61.9	91.9	999.9	99.9	99.9	99.9	467.9	999.9	99.9	999.9	999.9	999.
62.0	154.0	19343.5	59.0	-62.3	91.9	999.9	99.9	99.9	99.9	473.8	999.9	99.9	999.9	999.9	999.
62.8	155.0	19665.9	56.0	-62.3	91.9	999.9	99.9	99.9	99.9	480.9	999.9	99.9	999.9	999.9	999.
63.6	156.0	20006.0	53.0	-62.3	91.9	999.9	99.9	99.9	99.9	488.5	999.9	99.9	999.9	999.9	999.
64.4	157.0	20243.0	51.0	-63.2	91.9	999.9	99.9	99.9	99.9	491.7	999.9	99.9	999.9	999.9	999.
65.3	158.0	20617.3	48.0	-61.5	91.9	999.9	99.9	99.9	99.9	504.3	999.9	99.9	999.9	999.9	999.
66.4	159.0	21017.5	45.0	-61.3	91.9	999.9	99.9	99.9	99.9	514.2	999.9	99.9	999.9	999.9	999.
67.5	160.0	21446.1	42.0	-60.8	91.9	999.9	99.9	99.9	99.9	525.8	999.9	99.9	999.9	999.9	999.
68.5	161.0	21906.1	39.0	-61.7	91.9	999.9	99.9	99.9	99.9	534.7	999.9	99.9	999.9	999.9	999.
69.7	162.0	22400.0	36.0	-63.2	91.9	999.9	99.9	99.9	99.9	543.2	999.9	99.9	999.9	999.9	999.
70.9	163.0	22750.5	34.0	-64.4	91.9	999.9	99.9	99.9	99.9	549.1	999.9	99.9	999.9	999.9	999.
72.3	164.0	23318.7	31.0	-61.9	91.9	999.9	99.9	99.9	99.9	570.5	999.9	99.9	999.9	999.9	999.
73.6	165.0	23947.1	28.0	-62.9	91.9	999.9	99.9	99.9	99.9	584.7	999.9	99.9	999.9	999.9	999.
75.2	166.0	24645.2	25.0	-62.9	91.9	999.9	99.9	99.9	99.9	604.0	999.9	99.9	999.9	999.9	999.
77.0	167.0	25160.6	23.0	-61.3	91.9	999.9	99.9	99.9	99.9	623.0	999.9	99.9	999.9	999.9	999.
78.8	168.0	26030.3	20.0	-60.1	91.9	999.9	99.9	99.9	99.9	652.3	999.9	99.9	999.9	999.9	999.
81.0	169.0	27049.7	17.0	-57.9	91.9	999.9	99.9	99.9	99.9	690.2	999.9	99.9	999.9	999.9	999.

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
2315 GMT

160 39. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	4.0	1005.6	10.0	4.6	999.9	99.9	99.9	99.9	283.4	297.1	5.3	69.0	999.9	999.
0.3	6.0	75.6	997.0	11.1	3.0	999.9	99.9	99.9	99.9	285.2	297.7	4.8	57.2	999.9	999.
0.6	7.0	168.1	986.0	10.2	2.4	999.9	99.9	99.9	99.9	285.1	297.3	4.6	58.4	999.9	999.
0.9	8.0	252.9	976.0	9.8	1.9	999.9	99.9	99.9	99.9	285.5	297.4	4.5	57.8	999.9	999.
1.3	9.0	347.0	965.0	9.4	1.4	999.9	99.9	99.9	99.9	286.1	297.7	4.4	57.2	999.9	999.
1.6	10.0	433.3	955.0	8.7	0.8	999.9	99.9	99.9	99.9	286.1	297.4	4.2	57.5	999.9	999.
2.0	11.0	546.6	942.0	7.8	0.1	999.9	99.9	99.9	99.9	286.3	297.2	4.1	58.2	999.9	999.
2.3	12.0	634.5	932.0	6.9	-0.6	999.9	99.9	99.9	99.9	286.2	296.8	3.9	58.8	999.9	999.
2.6	13.0	731.9	921.0	6.2	-1.3	999.9	99.9	99.9	99.9	286.5	296.6	3.8	58.7	999.9	999.
3.0	14.0	821.3	911.0	5.3	-1.6	999.9	99.9	99.9	99.9	286.5	296.5	3.8	61.2	999.9	999.
3.3	15.0	911.4	901.0	4.4	0.0	999.9	99.9	99.9	99.9	286.5	297.9	4.3	73.0	999.9	999.
3.7	16.0	1020.5	889.0	3.4	0.6	999.9	99.9	99.9	99.9	286.6	298.6	4.5	81.9	999.9	999.
4.1	17.0	1112.3	879.0	2.6	0.1	999.9	99.9	99.9	99.9	286.6	298.3	4.4	83.9	999.9	999.
4.5	18.0	1204.8	869.0	1.7	0.2	999.9	99.9	99.9	99.9	286.7	298.6	4.5	89.9	999.9	999.
4.8	19.0	1298.1	859.0	0.9	-0.3	999.9	99.9	99.9	99.9	286.8	298.4	4.4	91.5	999.9	999.
5.2	20.0	1392.2	849.0	0.2	-0.5	999.9	99.9	99.9	99.9	287.0	298.6	4.3	94.5	999.9	999.
5.4	21.0	1506.3	837.0	-0.6	-1.2	999.9	99.9	99.9	99.9	287.3	298.6	4.2	95.7	999.9	999.
5.8	22.0	1592.7	828.0	-1.4	-1.9	999.9	99.9	99.9	99.9	287.4	298.2	4.0	96.2	999.9	999.
6.2	23.0	1689.5	818.0	-2.2	-2.7	999.9	99.9	99.9	99.9	287.5	297.8	3.8	96.3	999.9	999.
6.6	24.0	1777.5	809.0	-2.5	-3.0	999.9	99.9	99.9	99.9	288.1	298.3	3.8	96.2	999.9	999.
7.0	25.0	1866.2	800.0	-3.4	-4.0	999.9	99.9	99.9	99.9	287.9	297.6	3.6	96.1	999.9	999.
7.4	26.0	1985.7	788.0	-4.0	-4.6	999.9	99.9	99.9	99.9	288.5	297.9	3.4	95.8	999.9	999.
7.8	27.0	2076.3	779.0	-5.0	-5.5	999.9	99.9	99.9	99.9	288.4	297.3	3.2	95.7	999.9	999.
8.1	28.0	2167.7	770.0	-5.4	-6.9	999.9	99.9	99.9	99.9	288.9	297.0	3.0	89.2	999.9	999.
8.4	29.0	2260.1	761.0	-5.0	-25.3	999.9	99.9	99.9	99.9	290.0	292.0	0.6	18.5	999.9	999.
8.8	30.0	2353.8	752.0	-3.9	-29.2	999.9	99.9	99.9	99.9	292.2	293.6	0.4	11.8	999.9	999.
9.3	31.0	2448.7	743.0	-3.9	-35.8	999.9	99.9	99.9	99.9	293.2	293.9	0.2	6.2	999.9	999.
9.6	32.0	2544.8	734.0	-4.0	-32.1	999.9	99.9	99.9	99.9	294.0	295.1	0.3	9.1	999.9	999.
10.0	33.0	2642.0	725.0	-4.8	-21.5	999.9	99.9	99.9	99.9	294.3	297.1	0.9	25.5	999.9	999.
10.3	34.0	2729.1	717.0	-5.6	-20.9	999.9	99.9	99.9	99.9	294.4	297.4	1.0	28.6	999.9	999.
10.6	35.0	2828.0	708.0	-6.8	-21.8	999.9	99.9	99.9	99.9	294.1	297.0	0.9	29.0	999.9	999.
11.1	36.0	2938.8	698.0	-7.7	-23.0	999.9	99.9	99.9	99.9	294.3	296.9	0.9	27.9	999.9	999.
11.4	37.0	3039.6	689.0	-8.4	-22.5	999.9	99.9	99.9	99.9	294.6	297.3	0.9	30.8	999.9	999.
11.7	38.0	3130.0	681.0	-9.7	-24.1	999.9	99.9	99.9	99.9	294.1	296.5	0.8	29.8	999.9	999.
12.0	39.0	3221.1	673.0	-10.6	-24.8	999.9	99.9	99.9	99.9	294.1	296.4	0.8	29.8	999.9	999.
12.4	40.0	3324.5	664.0	-11.5	-16.1	999.9	99.9	99.9	99.9	294.4	298.4	1.4	57.5	999.9	999.
12.7	41.0	3440.8	654.0	-12.2	-17.3	999.9	99.9	99.9	99.9	294.8	299.3	1.5	65.3	999.9	999.
13.1	42.0	3534.8	646.0	-12.9	-17.9	999.9	99.9	99.9	99.9	295.1	299.3	1.4	65.7	999.9	999.
13.6	43.0	3629.7	638.0	-13.9	-18.2	999.9	99.9	99.9	99.9	295.0	299.2	1.4	69.6	999.9	999.
14.0	44.0	3725.6	630.0	-14.0	-16.4	999.9	99.9	99.9	99.9	295.9	300.9	1.7	81.9	999.9	999.
14.1	45.0	3834.9	621.0	-14.1	-16.6	999.9	99.9	99.9	99.9	297.0	302.0	1.7	81.6	999.9	999.
14.3	46.0	3921.0	614.0	-14.1	-16.6	999.9	99.9	99.9	99.9	298.0	303.0	1.7	81.5	999.9	999.
14.6	47.0	4020.5	606.0	-14.7	-17.5	999.9	99.9	99.9	99.9	298.4	303.2	1.6	79.0	999.9	999.
15.0	48.0	4121.1	598.0	-15.4	-18.1	999.9	99.9	99.9	99.9	298.7	303.3	1.5	79.7	999.9	999.
15.3	49.0	4222.7	590.0	-16.1	-18.7	999.9	99.9	99.9	99.9	299.1	303.5	1.5	80.1	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
2315 GMT

160 39. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.7	50.0	4325.4	582.0	-16.9	-19.5	999.9	99.9	99.9	99.9	299.3	303.5	1.4	80.3	999.9	999.
16.1	51.0	4442.4	573.0	-17.5	-19.9	999.9	99.9	99.9	99.9	300.0	304.1	1.4	80.9	999.9	999.
16.3	52.0	4547.6	565.0	-18.1	-20.5	999.9	99.9	99.9	99.9	300.4	304.4	1.3	81.4	999.9	999.
16.7	53.0	4640.8	558.0	-18.4	-20.8	999.9	99.9	99.9	99.9	301.1	305.1	1.3	81.3	999.9	999.
17.0	54.0	4748.4	550.0	-19.5	-22.0	999.9	99.9	99.9	99.9	301.1	304.7	1.2	80.5	999.9	999.
17.3	55.0	4843.5	543.0	-19.9	-22.5	999.9	99.9	99.9	99.9	301.7	305.3	1.2	79.9	999.9	999.
17.7	56.0	4967.4	534.0	-20.6	-22.2	999.9	99.9	99.9	99.9	302.3	305.7	1.1	79.6	999.9	999.
18.1	57.0	5079.1	526.0	-21.0	-22.8	999.9	99.9	99.9	99.9	303.1	306.4	1.1	78.0	999.9	999.
18.4	58.0	5163.8	520.0	-21.6	-24.4	999.9	99.9	99.9	99.9	303.3	306.5	1.0	78.2	999.9	999.
18.6	59.0	5277.9	512.0	-22.4	-24.8	999.9	99.9	99.9	99.9	303.7	306.8	1.0	80.5	999.9	999.
19.0	60.0	5378.9	505.0	-23.1	-25.5	999.9	99.9	99.9	99.9	304.1	307.1	0.9	80.3	999.9	999.
19.3	61.0	5481.2	498.0	-23.2	-25.7	999.9	99.9	99.9	99.9	305.1	308.1	0.9	80.1	999.9	999.
19.7	62.0	5584.8	491.0	-23.5	-26.0	999.9	99.9	99.9	99.9	306.1	309.0	0.9	79.3	999.9	999.
20.0	63.0	5674.7	485.0	-23.8	-26.4	999.9	99.9	99.9	99.9	306.8	309.7	0.9	78.9	999.9	999.
20.3	64.0	5780.8	478.0	-24.5	-27.0	999.9	99.9	99.9	99.9	307.1	309.9	0.9	79.7	999.9	999.
20.6	65.0	5889.3	471.0	-24.8	-27.4	999.9	99.9	99.9	99.9	308.1	310.8	0.9	79.1	999.9	999.
21.1	66.0	6012.8	463.0	-25.2	-27.8	999.9	99.9	99.9	99.9	309.1	311.8	0.8	78.9	999.9	999.
21.5	67.0	6123.3	456.0	-26.1	-28.7	999.9	99.9	99.9	99.9	309.3	311.8	0.8	78.9	999.9	999.
21.8	68.0	6235.2	449.0	-26.4	-29.1	999.9	99.9	99.9	99.9	310.3	312.8	0.8	77.8	999.9	999.
22.2	69.0	6332.4	443.0	-27.2	-30.1	999.9	99.9	99.9	99.9	310.5	312.8	0.7	75.7	999.9	999.
22.5	70.0	6430.5	437.0	-28.1	-31.4	999.9	99.9	99.9	99.9	310.5	312.6	0.6	73.2	999.9	999.
23.0	71.0	6562.9	429.0	-29.0	-32.5	999.9	99.9	99.9	99.9	311.0	312.9	0.6	71.4	999.9	999.
23.4	72.0	6680.4	422.0	-29.9	-33.3	999.9	99.9	99.9	99.9	311.3	313.1	0.5	71.7	999.9	999.
23.8	73.0	6782.3	416.0	-30.6	-34.1	999.9	99.9	99.9	99.9	311.7	313.4	0.5	71.0	999.9	999.
24.2	74.0	6885.3	410.0	-31.6	-36.1	999.9	99.9	99.9	99.9	311.7	313.1	0.4	64.0	999.9	999.
24.6	75.0	6989.4	404.0	-32.8	-37.2	999.9	99.9	99.9	99.9	311.5	312.8	0.4	64.4	999.9	999.
25.0	76.0	7094.5	398.0	-33.8	-38.1	999.9	99.9	99.9	99.9	311.4	312.6	0.4	64.8	999.9	999.
25.4	77.0	7218.8	391.0	-34.4	-38.7	999.9	99.9	99.9	99.9	312.3	313.5	0.3	64.1	999.9	999.
25.9	78.0	7308.6	386.0	-35.4	-39.6	999.9	99.9	99.9	99.9	312.1	313.2	0.3	65.4	999.9	999.
26.3	79.0	7417.6	380.0	-35.9	-40.0	999.9	99.9	99.9	99.9	312.8	313.8	0.3	65.5	999.9	999.
26.7	80.0	7528.3	374.0	-35.7	-39.1	999.9	99.9	99.9	99.9	314.6	315.7	0.3	70.1	999.9	999.
27.3	81.0	7659.5	367.0	-36.3	-39.1	999.9	99.9	99.9	99.9	315.4	316.6	0.3	75.2	999.9	999.
27.6	82.0	7773.7	361.0	-37.0	-42.1	999.9	99.9	99.9	99.9	316.0	316.9	0.3	58.3	999.9	999.
28.1	83.0	7889.4	355.0	-38.1	-43.9	999.9	99.9	99.9	99.9	316.1	316.8	0.2	53.9	999.9	999.
28.5	84.0	7986.9	350.0	-39.3	-44.8	999.9	99.9	99.9	99.9	315.7	316.4	0.2	54.8	999.9	999.
28.9	85.0	8105.2	344.0	-39.9	-46.3	999.9	99.9	99.9	99.9	316.4	317.0	0.2	49.8	999.9	999.
29.4	86.0	8225.2	338.0	-40.7	99.9	999.9	99.9	99.9	99.9	317.0	999.9	99.9	999.9	999.9	999.
29.9	87.0	8346.8	332.0	-42.0	99.9	999.9	99.9	99.9	99.9	316.9	999.9	99.9	999.9	999.9	999.
30.3	88.0	8449.4	327.0	-42.8	99.9	999.9	99.9	99.9	99.9	317.2	999.9	99.9	999.9	999.9	999.
30.7	89.0	8553.2	322.0	-43.6	99.9	999.9	99.9	99.9	99.9	317.4	999.9	99.9	999.9	999.9	999.
31.2	90.0	8658.1	317.0	-44.8	99.9	999.9	99.9	99.9	99.9	317.1	999.9	99.9	999.9	999.9	999.
31.6	91.0	8785.7	311.0	-45.5	99.9	999.9	99.9	99.9	99.9	317.9	999.9	99.9	999.9	999.9	999.
32.0	92.0	8893.5	306.0	-46.5	99.9	999.9	99.9	99.9	99.9	318.0	999.9	99.9	999.9	999.9	999.
32.4	93.0	9002.6	301.0	-47.5	99.9	999.9	99.9	99.9	99.9	318.1	999.9	99.9	999.9	999.9	999.
32.9	94.0	9113.2	296.0	-48.1	99.9	999.9	99.9	99.9	99.9	318.8	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
2315 GMT

160 39. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.5	95.0	9225.3	291.0	-49.1	99.9	999.9	99.9	99.9	99.9	318.9	999.9	99.9	999.9	999.9	999.9
33.8	96.0	9361.6	285.0	-50.4	99.9	999.9	99.9	99.9	99.9	318.9	999.9	99.9	999.9	999.9	999.9
34.2	97.0	9476.8	280.0	-51.3	99.9	999.9	99.9	99.9	99.9	319.3	999.9	99.9	999.9	999.9	999.9
34.6	98.0	9593.6	275.0	-52.4	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.9
35.0	99.0	9688.2	271.0	-53.3	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.9
35.4	100.0	9808.0	266.0	-53.9	99.9	999.9	99.9	99.9	99.9	320.2	999.9	99.9	999.9	999.9	999.9
35.8	101.0	9954.1	260.0	-55.0	99.9	999.9	99.9	99.9	99.9	320.7	999.9	99.9	999.9	999.9	999.9
36.2	102.0	10053.1	256.0	-55.5	99.9	999.9	99.9	99.9	99.9	321.4	999.9	99.9	999.9	999.9	999.9
36.6	103.0	10178.7	251.0	-56.1	99.9	999.9	99.9	99.9	99.9	322.3	999.9	99.9	999.9	999.9	999.9
37.0	104.0	10280.7	247.0	-56.4	99.9	999.9	99.9	99.9	99.9	323.3	999.9	99.9	999.9	999.9	999.9
37.4	105.0	10384.4	243.0	-56.6	99.9	999.9	99.9	99.9	99.9	324.6	999.9	99.9	999.9	999.9	999.9
37.8	106.0	10516.1	238.0	-56.9	99.9	999.9	99.9	99.9	99.9	326.0	999.9	99.9	999.9	999.9	999.9
38.2	107.0	10623.4	234.0	-57.2	99.9	999.9	99.9	99.9	99.9	327.1	999.9	99.9	999.9	999.9	999.9
38.5	108.0	10732.2	230.0	-58.4	99.9	999.9	99.9	99.9	99.9	327.0	999.9	99.9	999.9	999.9	999.9
38.9	109.0	10870.7	225.0	-57.6	99.9	999.9	99.9	99.9	99.9	330.3	999.9	99.9	999.9	999.9	999.9
39.3	110.0	10983.9	221.0	-57.9	99.9	999.9	99.9	99.9	99.9	331.5	999.9	99.9	999.9	999.9	999.9
39.7	111.0	11128.0	216.0	-58.6	99.9	999.9	99.9	99.9	99.9	332.7	999.9	99.9	999.9	999.9	999.9
40.1	112.0	11245.1	212.0	-59.7	99.9	999.9	99.9	99.9	99.9	332.6	999.9	99.9	999.9	999.9	999.9
40.4	113.0	11363.9	208.0	-60.8	99.9	999.9	99.9	99.9	99.9	332.8	999.9	99.9	999.9	999.9	999.9
40.6	114.0	11484.5	204.0	-61.6	99.9	999.9	99.9	99.9	99.9	333.3	999.9	99.9	999.9	999.9	999.9
41.2	115.0	11607.0	200.0	-62.0	99.9	999.9	99.9	99.9	99.9	334.6	999.9	99.9	999.9	999.9	999.9
41.6	116.0	11764.5	195.0	-59.7	99.9	999.9	99.9	99.9	99.9	340.6	999.9	99.9	999.9	999.9	999.9
41.9	117.0	11894.4	191.0	-58.6	99.9	999.9	99.9	99.9	99.9	344.6	999.9	99.9	999.9	999.9	999.9
42.3	118.0	11993.9	188.0	-58.4	99.9	999.9	99.9	99.9	99.9	346.4	999.9	99.9	999.9	999.9	999.9
42.7	119.0	12129.7	184.0	-56.7	99.9	999.9	99.9	99.9	99.9	351.2	999.9	99.9	999.9	999.9	999.9
43.2	120.0	12269.0	180.0	-57.1	99.9	999.9	99.9	99.9	99.9	352.9	999.9	99.9	999.9	999.9	999.9
43.5	121.0	12375.3	177.0	-57.2	99.9	999.9	99.9	99.9	99.9	354.3	999.9	99.9	999.9	999.9	999.9
44.0	122.0	12519.8	173.0	-57.4	99.9	999.9	99.9	99.9	99.9	356.4	999.9	99.9	999.9	999.9	999.9
44.5	123.0	12630.4	170.0	-57.2	99.9	999.9	99.9	99.9	99.9	358.4	999.9	99.9	999.9	999.9	999.9
45.0	124.0	12781.1	166.0	-56.9	99.9	999.9	99.9	99.9	99.9	361.4	999.9	99.9	999.9	999.9	999.9
45.5	125.0	12896.6	163.0	-57.1	99.9	999.9	99.9	99.9	99.9	363.0	999.9	99.9	999.9	999.9	999.9
46.1	126.0	13093.7	158.0	-57.2	99.9	999.9	99.9	99.9	99.9	366.0	999.9	99.9	999.9	999.9	999.9
46.5	127.0	13214.8	155.0	-57.6	99.9	999.9	99.9	99.9	99.9	367.5	999.9	99.9	999.9	999.9	999.9
47.0	128.0	13338.3	152.0	-57.6	99.9	999.9	99.9	99.9	99.9	369.5	999.9	99.9	999.9	999.9	999.9
47.5	129.0	13506.5	148.0	-58.1	99.9	999.9	99.9	99.9	99.9	371.5	999.9	99.9	999.9	999.9	999.9
48.0	130.0	13635.4	145.0	-58.4	99.9	999.9	99.9	99.9	99.9	373.1	999.9	99.9	999.9	999.9	999.9
48.5	131.0	13811.4	141.0	-58.4	99.9	999.9	99.9	99.9	99.9	376.1	999.9	99.9	999.9	999.9	999.9
49.0	132.0	13946.7	138.0	-58.4	99.9	999.9	99.9	99.9	99.9	378.4	999.9	99.9	999.9	999.9	999.9
49.5	133.0	14084.9	135.0	-58.6	99.9	999.9	99.9	99.9	99.9	380.5	999.9	99.9	999.9	999.9	999.9
50.0	134.0	14226.1	132.0	-58.6	99.9	999.9	99.9	99.9	99.9	383.0	999.9	99.9	999.9	999.9	999.9
50.5	135.0	14370.6	129.0	-58.6	99.9	999.9	99.9	99.9	99.9	385.5	999.9	99.9	999.9	999.9	999.9
51.2	136.0	14568.6	125.0	-58.6	99.9	999.9	99.9	99.9	99.9	389.0	999.9	99.9	999.9	999.9	999.9
51.8	137.0	14773.1	121.0	-58.6	99.9	999.9	99.9	99.9	99.9	392.6	999.9	99.9	999.9	999.9	999.9
52.4	138.0	14930.5	118.0	-59.7	99.9	999.9	99.9	99.9	99.9	393.3	999.9	99.9	999.9	999.9	999.9
53.1	139.0	15091.8	115.0	-58.7	99.9	999.9	99.9	99.9	99.9	398.1	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

6 FEBRUARY 1975  
2315 GMT

160 39. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
53.8	140.0	15313.7	111.0	-59.7	99.9	999.9	99.9	99.9	99.9	400.2	999.9	99.9	999.9	999.9	999.
54.4	141.0	15484.8	108.0	-60.1	99.9	999.9	99.9	99.9	99.9	402.7	999.9	99.9	999.9	999.9	999.
55.0	142.0	15720.2	104.0	-60.4	99.9	999.9	99.9	99.9	99.9	406.4	999.9	99.9	999.9	999.9	999.
55.7	143.0	15902.2	101.0	-61.1	99.9	999.9	99.9	99.9	99.9	408.5	999.9	99.9	999.9	999.9	999.
56.3	144.0	16089.5	98.0	-61.1	99.9	999.9	99.9	99.9	99.9	412.0	999.9	99.9	999.9	999.9	999.
56.9	145.0	16283.0	95.0	-60.2	99.9	999.9	99.9	99.9	99.9	417.4	999.9	99.9	999.9	999.9	999.
57.6	146.0	16482.8	92.0	-60.9	99.9	999.9	99.9	99.9	99.9	419.9	999.9	99.9	999.9	999.9	999.
58.2	147.0	16758.0	88.0	-62.5	99.9	999.9	99.9	99.9	99.9	422.1	999.9	99.9	999.9	999.9	999.
58.9	148.0	16971.6	85.0	-63.5	99.9	999.9	99.9	99.9	99.9	424.4	999.9	99.9	999.9	999.9	999.
59.6	149.0	17192.3	82.0	-63.5	99.9	999.9	99.9	99.9	99.9	428.8	999.9	99.9	999.9	999.9	999.
60.4	150.0	17421.2	79.0	-63.5	99.9	999.9	99.9	99.9	99.9	433.4	999.9	99.9	999.9	999.9	999.
61.2	151.0	17658.9	76.0	-63.6	99.9	999.9	99.9	99.9	99.9	437.8	999.9	99.9	999.9	999.9	999.
61.9	152.0	17905.3	73.0	-65.0	99.9	999.9	99.9	99.9	99.9	440.1	999.9	99.9	999.9	999.9	999.
62.7	153.0	18160.8	70.0	-65.5	99.9	999.9	99.9	99.9	99.9	444.2	999.9	99.9	999.9	999.9	999.
63.5	154.0	18428.3	67.0	-63.8	99.9	999.9	99.9	99.9	99.9	453.5	999.9	99.9	999.9	999.9	999.
64.3	155.0	18709.3	64.0	-63.6	99.9	999.9	99.9	99.9	99.9	459.9	999.9	99.9	999.9	999.9	999.
65.2	156.0	19003.0	61.0	-65.0	99.9	999.9	99.9	99.9	99.9	463.3	999.9	99.9	999.9	999.9	999.
66.1	157.0	19206.9	59.0	-63.8	99.9	999.9	99.9	99.9	99.9	470.3	999.9	99.9	999.9	999.9	999.
67.0	158.0	19526.4	56.0	-64.4	99.9	999.9	99.9	99.9	99.9	476.1	999.9	99.9	999.9	999.9	999.
67.9	159.0	19863.6	53.0	-63.8	99.9	999.9	99.9	99.9	99.9	484.9	999.9	99.9	999.9	999.9	999.
68.8	160.0	20221.8	50.0	-62.7	99.9	999.9	99.9	99.9	99.9	495.7	999.9	99.9	999.9	999.9	999.
69.9	161.0	20602.5	47.0	-63.5	99.9	999.9	99.9	99.9	99.9	502.8	999.9	99.9	999.9	999.9	999.
71.0	162.0	21007.3	44.0	-63.8	99.9	999.9	99.9	99.9	99.9	511.5	999.9	99.9	999.9	999.9	999.
72.2	163.0	21293.3	42.0	-62.7	99.9	999.9	99.9	99.9	99.9	521.0	999.9	99.9	999.9	999.9	999.
73.6	164.0	21750.6	39.0	-62.2	99.9	999.9	99.9	99.9	99.9	533.6	999.9	99.9	999.9	999.9	999.

STATION NO. 402  
WALLOPS ISLAND, VA

7 FEBRUARY 1975  
515 GMT

165 33. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	4.0	1004.2	7.2	5.2	999.9	99.9	99.9	99.9	280.7	294.9	5.5	87.0	999.9	999.
0.3	6.0	63.2	997.0	6.7	5.4	999.9	99.9	99.9	99.9	280.8	295.2	5.6	91.5	999.9	999.
0.6	7.0	146.0	987.0	6.0	5.1	999.9	99.9	99.9	99.9	280.9	295.1	5.6	94.1	999.9	999.
0.9	8.0	237.8	976.0	5.1	4.2	999.9	99.9	99.9	99.9	280.9	294.5	5.3	93.9	999.9	999.
1.3	9.0	321.9	966.0	4.4	3.4	999.9	99.9	99.9	99.9	281.0	294.0	5.1	93.2	999.9	999.
1.6	10.0	406.7	956.0	3.9	2.8	999.9	99.9	99.9	99.9	281.3	293.9	4.9	92.3	999.9	999.
2.0	11.0	518.1	943.0	3.6	2.4	999.9	99.9	99.9	99.9	282.0	294.6	4.8	91.9	999.9	999.
2.3	12.0	604.7	933.0	3.3	2.0	999.9	99.9	99.9	99.9	282.5	294.9	4.8	91.7	999.9	999.
2.7	13.0	692.1	923.0	3.1	1.8	999.9	99.9	99.9	99.9	283.2	295.6	4.7	91.3	999.9	999.
3.0	14.0	771.5	914.0	2.3	1.0	999.9	99.9	99.9	99.9	283.2	295.0	4.5	91.5	999.9	999.
3.4	15.0	860.3	904.0	1.1	-0.0	999.9	99.9	99.9	99.9	282.8	293.9	4.2	91.9	999.9	999.
3.9	16.0	967.9	892.0	0.8	-0.3	999.9	99.9	99.9	99.9	283.6	294.6	4.2	92.4	999.9	999.
4.4	17.0	1058.5	882.0	0.3	-0.8	999.9	99.9	99.9	99.9	284.0	294.8	4.1	92.2	999.9	999.
4.7	18.0	1140.8	873.0	-0.0	-1.1	999.9	99.9	99.9	99.9	284.5	295.2	4.0	92.0	999.9	999.
5.1	19.0	1233.1	863.0	-0.6	-1.8	999.9	99.9	99.9	99.9	284.7	295.0	3.9	91.6	999.9	999.
5.5	20.0	1316.9	854.0	-1.3	-2.5	999.9	99.9	99.9	99.9	284.9	294.9	3.7	91.4	999.9	999.
6.0	21.0	1429.9	842.0	-1.1	-2.4	999.9	99.9	99.9	99.9	286.2	296.5	3.8	91.2	999.9	999.
6.4	22.0	1515.7	833.0	-1.3	-2.5	999.9	99.9	99.9	99.9	286.9	297.2	3.8	91.2	999.9	999.
6.8	23.0	1612.0	823.0	-1.6	-2.8	999.9	99.9	99.9	99.9	287.6	297.8	3.8	91.1	999.9	999.
7.2	24.0	1699.6	814.0	-2.1	-3.3	999.9	99.9	99.9	99.9	288.0	298.0	3.7	91.0	999.9	999.
7.6	25.0	1788.1	805.0	-1.9	-3.2	999.9	99.9	99.9	99.9	289.1	299.3	3.8	91.1	999.9	999.
8.0	26.0	1897.6	794.0	-2.2	-3.5	999.9	99.9	99.9	99.9	289.9	300.1	3.7	91.0	999.9	999.
8.3	27.0	1988.2	785.0	-2.5	-3.8	999.9	99.9	99.9	99.9	290.5	300.6	3.7	91.2	999.9	999.
8.7	28.0	2079.7	776.0	-3.1	-4.3	999.9	99.9	99.9	99.9	290.8	300.6	3.6	91.5	999.9	999.
9.1	29.0	2172.1	767.0	-3.8	-4.9	999.9	99.9	99.9	99.9	291.1	300.6	3.5	91.8	999.9	999.
9.5	30.0	2265.3	758.0	-4.2	-5.2	999.9	99.9	99.9	99.9	291.5	301.0	3.4	92.5	999.9	999.
9.9	31.0	2359.5	749.0	-4.8	-5.9	999.9	99.9	99.9	99.9	291.9	301.0	3.3	92.4	999.9	999.
10.2	32.0	2465.2	739.0	-5.4	-6.4	999.9	99.9	99.9	99.9	292.3	301.2	3.2	92.9	999.9	999.
10.6	33.0	2561.4	730.0	-5.9	-6.8	999.9	99.9	99.9	99.9	292.8	301.6	3.1	93.0	999.9	999.
11.0	34.0	2658.6	721.0	-6.5	-7.4	999.9	99.9	99.9	99.9	293.2	301.7	3.0	93.0	999.9	999.
11.4	35.0	2745.9	713.0	-6.9	-7.8	999.9	99.9	99.9	99.9	293.6	302.0	3.0	93.3	999.9	999.
11.8	36.0	2856.1	703.0	-7.4	-8.2	999.9	99.9	99.9	99.9	294.3	302.6	2.9	93.5	999.9	999.
12.2	37.0	2956.5	694.0	-7.9	-8.8	999.9	99.9	99.9	99.9	294.8	302.8	2.8	93.4	999.9	999.
12.6	38.0	3046.6	686.0	-8.7	-9.6	999.9	99.9	99.9	99.9	294.9	302.6	2.7	93.3	999.9	999.
13.1	39.0	3149.0	677.0	-9.3	-10.1	999.9	99.9	99.9	99.9	295.4	302.8	2.6	93.2	999.9	999.
13.5	40.0	3240.8	669.0	-10.1	-11.0	999.9	99.9	99.9	99.9	295.4	302.4	2.5	93.1	999.9	999.
14.2	41.0	3356.9	659.0	-10.7	-11.6	999.9	99.9	99.9	99.9	296.0	302.9	2.4	93.3	999.9	999.
14.7	42.0	3450.8	651.0	-11.4	-12.3	999.9	99.9	99.9	99.9	296.2	302.8	2.3	93.2	999.9	999.
15.2	43.0	3545.6	643.0	-12.1	-13.0	999.9	99.9	99.9	99.9	296.4	302.7	2.2	92.8	999.9	999.
15.7	44.0	3641.4	635.0	-12.7	-13.6	999.9	99.9	99.9	99.9	296.8	303.0	2.1	92.7	999.9	999.
16.1	45.0	3738.0	627.0	-13.7	-14.6	999.9	99.9	99.9	99.9	296.8	302.5	2.0	92.2	999.9	999.
16.8	46.0	3835.6	619.0	-14.4	-15.4	999.9	99.9	99.9	99.9	297.0	302.5	1.9	91.9	999.9	999.
17.1	47.0	3934.2	611.0	-14.9	-15.9	999.9	99.9	99.9	99.9	297.5	302.8	1.8	91.8	999.9	999.
17.5	48.0	4021.4	604.0	-15.3	-16.4	999.9	99.9	99.9	99.9	298.0	303.2	1.8	91.5	999.9	999.
18.0	49.0	4122.1	596.0	-16.0	-17.1	999.9	99.9	99.9	99.9	298.3	303.3	1.7	91.4	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 402  
WALLOPS ISLAND, VA

7 FEBRUARY 1975  
515 GMT

165 33. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.4	50.0	4223.8	588.0	-16.6	-17.7	999.9	99.9	99.9	99.9	298.8	303.7	1.6	91.0	999.9	999.
18.9	51.0	4339.7	579.0	-17.3	-18.4	999.9	99.9	99.9	99.9	299.3	304.0	1.5	90.4	999.9	999.
19.3	52.0	4444.0	571.0	-17.9	-19.2	999.9	99.9	99.9	99.9	299.7	304.1	1.5	90.0	999.9	999.
19.6	53.0	4536.1	564.0	-18.6	-19.9	999.9	99.9	99.9	99.9	300.0	304.2	1.4	89.6	999.9	999.
19.9	54.0	4629.2	557.0	-19.4	-20.8	999.9	99.9	99.9	99.9	300.1	304.0	1.3	89.1	999.9	999.
20.1	55.0	4736.6	549.0	-20.2	-21.6	999.9	99.9	99.9	99.9	300.3	304.1	1.2	88.6	999.9	999.
20.5	56.0	4845.2	541.0	-21.0	-22.5	999.9	99.9	99.9	99.9	300.6	304.2	1.2	87.8	999.9	999.
20.9	57.0	4941.3	534.0	-21.7	-23.3	999.9	99.9	99.9	99.9	300.9	304.3	1.1	87.2	999.9	999.
21.2	58.0	5052.4	526.0	-22.7	-24.2	999.9	99.9	99.9	99.9	301.1	304.3	1.0	86.8	999.9	999.
21.6	59.0	5150.6	519.0	-23.3	-25.0	999.9	99.9	99.9	99.9	301.4	304.5	1.0	86.2	999.9	999.
22.0	60.0	5249.8	512.0	-24.3	-26.0	999.9	99.9	99.9	99.9	301.5	304.3	0.9	85.2	999.9	999.
22.4	61.0	5350.0	505.0	-25.3	-27.1	999.9	99.9	99.9	99.9	301.4	303.9	0.8	84.5	999.9	999.
22.7	62.0	5436.7	499.0	-25.8	-27.7	999.9	99.9	99.9	99.9	301.7	304.2	0.8	84.0	999.9	999.
23.2	63.0	5538.9	492.0	-26.9	-28.9	999.9	99.9	99.9	99.9	301.7	303.9	0.7	83.1	999.9	999.
23.6	64.0	5642.0	485.0	-28.2	-30.4	999.9	99.9	99.9	99.9	301.3	303.2	0.6	81.3	999.9	999.
24.1	65.0	5731.3	479.0	-28.4	-30.9	999.9	99.9	99.9	99.9	302.2	304.1	0.6	78.7	999.9	999.
24.7	66.0	5852.0	471.0	-29.0	-31.8	999.9	99.9	99.9	99.9	302.8	304.6	0.6	76.7	999.9	999.
25.2	67.0	5959.0	464.0	-29.4	-32.5	999.9	99.9	99.9	99.9	303.6	305.3	0.5	74.1	999.9	999.
25.6	68.0	6067.5	457.0	-29.6	-32.9	999.9	99.9	99.9	99.9	304.7	306.4	0.5	72.7	999.9	999.
26.1	69.0	6161.8	451.0	-29.6	-32.9	999.9	99.9	99.9	99.9	305.9	307.6	0.5	72.8	999.9	999.
26.6	70.0	6257.3	445.0	-30.0	-33.5	999.9	99.9	99.9	99.9	306.6	308.2	0.5	71.2	999.9	999.
27.2	71.0	6386.6	437.0	-30.1	-33.7	999.9	99.9	99.9	99.9	308.0	309.6	0.5	70.1	999.9	999.
27.7	72.0	6485.1	431.0	-29.8	-33.6	999.9	99.9	99.9	99.9	309.5	311.3	0.5	69.7	999.9	999.
28.2	73.0	6585.2	425.0	-29.0	-32.7	999.9	99.9	99.9	99.9	311.8	313.7	0.6	70.0	999.9	999.
28.6	74.0	6703.9	418.0	-29.3	-33.2	999.9	99.9	99.9	99.9	313.0	314.8	0.6	68.8	999.9	999.
29.1	75.0	6807.1	412.0	-29.7	-33.5	999.9	99.9	99.9	99.9	313.7	315.5	0.5	68.3	999.9	999.
29.8	76.0	6911.7	406.0	-30.0	-33.9	999.9	99.9	99.9	99.9	314.7	316.5	0.5	68.3	999.9	999.
30.5	77.0	7017.8	400.0	-30.1	-34.4	999.9	99.9	99.9	99.9	315.9	317.6	0.5	65.7	999.9	999.
31.2	78.0	7125.3	394.0	-30.6	-35.4	999.9	99.9	99.9	99.9	316.5	318.1	0.5	62.2	999.9	999.
31.8	79.0	7234.2	388.0	-31.4	-36.5	999.9	99.9	99.9	99.9	316.9	318.4	0.4	60.4	999.9	999.
32.1	80.0	7325.9	383.0	-32.1	-37.1	999.9	99.9	99.9	99.9	317.2	318.6	0.4	60.5	999.9	999.
32.9	81.0	7456.0	376.0	-32.8	-37.3	999.9	99.9	99.9	99.9	318.0	319.3	0.4	60.5	999.9	999.
33.3	82.0	7569.1	370.0	-33.7	-38.5	999.9	99.9	99.9	99.9	318.2	319.5	0.4	61.1	999.9	999.
33.7	83.0	7683.6	364.0	-34.5	-39.4	999.9	99.9	99.9	99.9	318.6	319.8	0.3	60.7	999.9	999.
34.1	84.0	7780.1	359.0	-35.3	-40.4	999.9	99.9	99.9	99.9	318.8	319.9	0.3	59.0	999.9	999.
34.5	85.0	7877.7	354.0	-36.2	-41.3	999.9	99.9	99.9	99.9	318.8	319.8	0.3	58.9	999.9	999.
35.1	86.0	8015.9	347.0	-37.5	-42.5	999.9	99.9	99.9	99.9	319.0	319.9	0.3	58.7	999.9	999.
35.5	87.0	8115.9	342.0	-38.5	-43.8	999.9	99.9	99.9	99.9	318.8	319.6	0.2	57.0	999.9	999.
35.9	88.0	8237.4	336.0	-39.1	-44.0	999.9	99.9	99.9	99.9	319.7	320.5	0.2	59.4	999.9	999.
36.3	89.0	8340.1	331.0	-39.5	-44.1	999.9	99.9	99.9	99.9	320.5	321.3	0.2	60.8	999.9	999.
36.7	90.0	8444.1	326.0	-40.3	99.9	999.9	99.9	99.9	99.9	320.8	999.9	99.9	999.9	999.9	999.
37.1	91.0	8549.3	321.0	-41.3	99.9	999.9	99.9	99.9	99.9	320.9	999.9	99.9	999.9	999.9	999.
37.5	92.0	8677.1	315.0	-42.3	99.9	999.9	99.9	99.9	99.9	321.3	999.9	99.9	999.9	999.9	999.
37.9	93.0	8785.1	310.0	-43.4	99.9	999.9	99.9	99.9	99.9	321.2	999.9	99.9	999.9	999.9	999.
38.3	94.0	8894.3	305.0	-44.3	99.9	999.9	99.9	99.9	99.9	321.5	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

7 FEBRUARY 1975  
515 GMT

165 33. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.7	95.0	8982.6	301.0	-45.1	99.9	999.9	99.9	99.9	99.9	321.5	999.9	99.9	999.9	999.9	999.9
39.2	96.0	9116.8	295.0	-46.3	99.9	999.9	99.9	99.9	99.9	321.7	999.9	99.9	999.9	999.9	999.9
39.7	97.0	9230.1	290.0	-47.2	99.9	999.9	99.9	99.9	99.9	322.0	999.9	99.9	999.9	999.9	999.9
40.1	98.0	9345.0	285.0	-48.2	99.9	999.9	99.9	99.9	99.9	322.1	999.9	99.9	999.9	999.9	999.9
40.5	99.0	9461.4	280.0	-49.1	99.9	999.9	99.9	99.9	99.9	322.5	999.9	99.9	999.9	999.9	999.9
40.9	100.0	9579.4	275.0	-50.2	99.9	999.9	99.9	99.9	99.9	322.6	999.9	99.9	999.9	999.9	999.9
41.4	101.0	9698.9	270.0	-51.2	99.9	999.9	99.9	99.9	99.9	322.7	999.9	99.9	999.9	999.9	999.9
41.9	102.0	9820.1	265.0	-52.3	99.9	999.9	99.9	99.9	99.9	322.8	999.9	99.9	999.9	999.9	999.9
42.3	103.0	9918.3	261.0	-53.1	99.9	999.9	99.9	99.9	99.9	323.1	999.9	99.9	999.9	999.9	999.9
42.7	104.0	10042.8	256.0	-53.6	99.9	999.9	99.9	99.9	99.9	324.2	999.9	99.9	999.9	999.9	999.9
43.1	105.0	10143.9	252.0	-54.3	99.9	999.9	99.9	99.9	99.9	324.7	999.9	99.9	999.9	999.9	999.9
43.5	106.0	10272.2	247.0	-54.9	99.9	999.9	99.9	99.9	99.9	325.6	999.9	99.9	999.9	999.9	999.9
44.0	107.0	10376.6	243.0	-54.9	99.9	999.9	99.9	99.9	99.9	327.1	999.9	99.9	999.9	999.9	999.9
44.4	108.0	10482.7	239.0	-54.9	99.9	999.9	99.9	99.9	99.9	328.6	999.9	99.9	999.9	999.9	999.9
44.9	109.0	10590.6	235.0	-55.1	99.9	999.9	99.9	99.9	99.9	330.0	999.9	99.9	999.9	999.9	999.9
45.3	110.0	10727.7	230.0	-55.9	99.9	999.9	99.9	99.9	99.9	330.8	999.9	99.9	999.9	999.9	999.9
45.8	111.0	10867.2	225.0	-56.9	99.9	999.9	99.9	99.9	99.9	331.3	999.9	99.9	999.9	999.9	999.9
46.3	112.0	10980.6	221.0	-57.6	99.9	999.9	99.9	99.9	99.9	331.9	999.9	99.9	999.9	999.9	999.9
46.7	113.0	11095.7	217.0	-58.6	99.9	999.9	99.9	99.9	99.9	332.1	999.9	99.9	999.9	999.9	999.9
47.2	114.0	11212.3	213.0	-59.7	99.9	999.9	99.9	99.9	99.9	332.2	999.9	99.9	999.9	999.9	999.9
47.6	115.0	11330.7	209.0	-60.3	99.9	999.9	99.9	99.9	99.9	333.1	999.9	99.9	999.9	999.9	999.9
48.2	116.0	11450.8	205.0	-61.5	99.9	999.9	99.9	99.9	99.9	333.0	999.9	99.9	999.9	999.9	999.9
48.7	117.0	11573.0	201.0	-61.3	99.9	999.9	99.9	99.9	99.9	335.1	999.9	99.9	999.9	999.9	999.9
49.2	118.0	11698.0	197.0	-60.3	99.9	999.9	99.9	99.9	99.9	338.8	999.9	99.9	999.9	999.9	999.9
49.7	119.0	11826.4	193.0	-58.6	99.9	999.9	99.9	99.9	99.9	343.4	999.9	99.9	999.9	999.9	999.9
50.2	120.0	11925.2	190.0	-57.1	99.9	999.9	99.9	99.9	99.9	347.4	999.9	99.9	999.9	999.9	999.9
50.7	121.0	12060.1	186.0	-56.4	99.9	999.9	99.9	99.9	99.9	350.6	999.9	99.9	999.9	999.9	999.9
51.2	122.0	12198.3	182.0	-55.7	99.9	999.9	99.9	99.9	99.9	353.9	999.9	99.9	999.9	999.9	999.9
51.8	123.0	12304.3	179.0	-55.2	99.9	999.9	99.9	99.9	99.9	356.4	999.9	99.9	999.9	999.9	999.9
52.3	124.0	12448.7	175.0	-54.6	99.9	999.9	99.9	99.9	99.9	359.8	999.9	99.9	999.9	999.9	999.9
52.9	125.0	12559.7	172.0	-53.6	99.9	999.9	99.9	99.9	99.9	363.2	999.9	99.9	999.9	999.9	999.9
53.5	126.0	12711.1	168.0	-53.3	99.9	999.9	99.9	99.9	99.9	366.2	999.9	99.9	999.9	999.9	999.9
54.0	127.0	12866.1	164.0	-53.8	99.9	999.9	99.9	99.9	99.9	367.9	999.9	99.9	999.9	999.9	999.9
54.5	128.0	12984.7	161.0	-54.1	99.9	999.9	99.9	99.9	99.9	369.3	999.9	99.9	999.9	999.9	999.9
55.1	129.0	13105.4	158.0	-54.1	99.9	999.9	99.9	99.9	99.9	371.3	999.9	99.9	999.9	999.9	999.9
55.6	130.0	13269.9	154.0	-54.1	99.9	999.9	99.9	99.9	99.9	374.1	999.9	99.9	999.9	999.9	999.9
56.3	131.0	13438.3	150.0	-55.2	99.9	999.9	99.9	99.9	99.9	374.9	999.9	99.9	999.9	999.9	999.9
56.9	132.0	13567.0	147.0	-56.1	99.9	999.9	99.9	99.9	99.9	375.6	999.9	99.9	999.9	999.9	999.9
57.4	133.0	13697.9	144.0	-56.8	99.9	999.9	99.9	99.9	99.9	376.7	999.9	99.9	999.9	999.9	999.9
58.0	134.0	13831.4	141.0	-56.8	99.9	999.9	99.9	99.9	99.9	379.0	999.9	99.9	999.9	999.9	999.9
58.5	135.0	13967.4	138.0	-57.6	99.9	999.9	99.9	99.9	99.9	379.8	999.9	99.9	999.9	999.9	999.9
59.1	136.0	14152.7	134.0	-58.5	99.9	999.9	99.9	99.9	99.9	381.5	999.9	99.9	999.9	999.9	999.9
59.8	137.0	14295.0	131.0	-58.8	99.9	999.9	99.9	99.9	99.9	383.3	999.9	99.9	999.9	999.9	999.9
60.3	138.0	14489.4	127.0	-59.4	99.9	999.9	99.9	99.9	99.9	385.8	999.9	99.9	999.9	999.9	999.9
60.9	139.0	14639.1	124.0	-59.5	99.9	999.9	99.9	99.9	99.9	388.1	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

7 FEBRUARY 1975  
515 GMT

165 33. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PDT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.6	140.0	14843.7	120.0	-60.6	99.9	999.9	99.9	99.9	99.9	389.8	999.9	99.9	999.9	999.9	999.9
62.5	141.0	15000.9	117.0	-61.7	99.9	999.9	99.9	99.9	99.9	390.6	999.9	99.9	999.9	999.9	999.9
63.3	142.0	15215.8	113.0	-62.9	99.9	999.9	99.9	99.9	99.9	392.3	999.9	99.9	999.9	999.9	999.9
64.0	143.0	15381.2	110.0	-63.6	99.9	999.9	99.9	99.9	99.9	393.9	999.9	99.9	999.9	999.9	999.9
64.8	144.0	15550.9	107.0	-63.6	99.9	999.9	99.9	99.9	99.9	397.1	999.9	99.9	999.9	999.9	999.9
65.6	145.0	15786.4	103.0	-60.8	99.9	999.9	99.9	99.9	99.9	406.8	999.9	99.9	999.9	999.9	999.9
66.6	146.0	15971.2	100.0	-58.5	99.9	999.9	99.9	99.9	99.9	414.8	999.9	99.9	999.9	999.9	999.9
67.2	147.0	16163.4	97.0	-57.1	99.9	999.9	99.9	99.9	99.9	421.1	999.9	99.9	999.9	999.9	999.9
68.0	148.0	16361.5	94.0	-58.6	99.9	999.9	99.9	99.9	99.9	421.8	999.9	99.9	999.9	999.9	999.9
69.0	149.0	16564.5	91.0	-60.3	99.9	999.9	99.9	99.9	99.9	422.6	999.9	99.9	999.9	999.9	999.9
69.9	150.0	16772.9	88.0	-61.5	99.9	999.9	99.9	99.9	99.9	424.1	999.9	99.9	999.9	999.9	999.9
71.0	151.0	16988.5	85.0	-60.4	99.9	999.9	99.9	99.9	99.9	430.5	999.9	99.9	999.9	999.9	999.9
72.1	152.0	17212.6	82.0	-60.1	99.9	999.9	99.9	99.9	99.9	435.7	999.9	99.9	999.9	999.9	999.9
73.2	153.0	17445.8	79.0	-59.0	99.9	999.9	99.9	99.9	99.9	442.6	999.9	99.9	999.9	999.9	999.9
74.2	154.0	17688.1	76.0	-59.9	99.9	999.9	99.9	99.9	99.9	445.7	999.9	99.9	999.9	999.9	999.9
75.2	155.0	17938.6	73.0	-61.7	99.9	999.9	99.9	99.9	99.9	447.0	999.9	99.9	999.9	999.9	999.9
76.0	156.0	18198.2	70.0	-62.3	99.9	999.9	99.9	99.9	99.9	451.2	999.9	99.9	999.9	999.9	999.9
77.2	157.0	18467.9	67.0	-63.6	99.9	999.9	99.9	99.9	99.9	453.9	999.9	99.9	999.9	999.9	999.9
78.3	158.0	18748.9	64.0	-63.8	99.9	999.9	99.9	99.9	99.9	459.5	999.9	99.9	999.9	999.9	999.9
79.7	159.0	19044.1	61.0	-62.7	99.9	999.9	99.9	99.9	99.9	468.4	999.9	99.9	999.9	999.9	999.9
80.9	160.0	19355.0	58.0	-62.7	99.9	999.9	99.9	99.9	99.9	475.2	999.9	99.9	999.9	999.9	999.9
82.3	161.0	19682.6	55.0	-62.5	99.9	999.9	99.9	99.9	99.9	482.9	999.9	99.9	999.9	999.9	999.9
83.7	162.0	19911.5	53.0	-61.9	99.9	999.9	99.9	99.9	99.9	489.4	999.9	99.9	999.9	999.9	999.9
85.6	163.0	20272.2	50.0	-61.7	99.9	999.9	99.9	99.9	99.9	498.1	999.9	99.9	999.9	999.9	999.9
87.1	164.0	20655.2	47.0	-61.9	99.9	999.9	99.9	99.9	99.9	506.5	999.9	99.9	999.9	999.9	999.9
88.9	165.0	21063.3	44.0	-61.9	99.9	999.9	99.9	99.9	99.9	516.1	999.9	99.9	999.9	999.9	999.9
90.7	166.0	21499.3	41.0	-62.9	99.9	999.9	99.9	99.9	99.9	524.3	999.9	99.9	999.9	999.9	999.9
92.4	167.0	21967.0	38.0	-63.2	99.9	999.9	99.9	99.9	99.9	534.9	999.9	99.9	999.9	999.9	999.9
94.5	168.0	22299.4	36.0	-63.2	99.9	999.9	99.9	99.9	99.9	543.2	999.9	99.9	999.9	999.9	999.9
96.8	169.0	22833.4	33.0	-64.0	99.9	999.9	99.9	99.9	99.9	554.8	999.9	99.9	999.9	999.9	999.9

STATION NO. 402  
WALLOPS ISLAND, VA

7 FEBRUARY 1975  
1115 GMT

165 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	4.0	1008.5	2.2	1.1	999.9	99.9	99.9	99.9	275.2	285.7	4.1	93.0	999.9	999.
0.4	6.0	96.8	997.0	2.9	1.1	999.9	99.9	99.9	99.9	276.8	287.9	4.4	92.3	999.9	999.
0.7	7.0	186.7	986.0	2.4	1.0	999.9	99.9	99.9	99.9	277.2	287.8	4.2	90.4	999.9	999.
1.1	8.0	269.2	976.0	2.5	0.7	999.9	99.9	99.9	99.9	278.1	288.5	4.0	85.2	999.9	999.
1.5	9.0	360.8	965.0	2.1	-1.8	999.9	99.9	99.9	99.9	278.5	287.5	3.5	75.7	999.9	999.
1.8	10.0	444.9	955.0	1.6	-3.4	999.9	99.9	99.9	99.9	278.8	286.9	3.1	69.3	999.9	999.
2.3	11.0	555.2	942.0	0.6	-5.0	999.9	99.9	99.9	99.9	278.8	286.2	2.8	66.0	999.9	999.
2.7	12.0	632.2	933.0	-0.0	-6.4	999.9	99.9	99.9	99.9	278.9	285.6	2.5	62.0	999.9	999.
2.9	13.0	727.2	922.0	-0.4	-7.0	999.9	99.9	99.9	99.9	279.5	285.9	2.4	58.8	999.9	999.
3.3	14.0	814.3	912.0	-1.0	-7.1	999.9	99.9	99.9	99.9	279.7	286.3	2.5	63.2	999.9	999.
3.7	15.0	902.2	902.0	-1.6	-8.1	999.9	99.9	99.9	99.9	279.9	286.1	2.3	61.1	999.9	999.
4.1	16.0	1008.8	890.0	-2.4	-9.4	999.9	99.9	99.9	99.9	280.2	285.9	2.1	58.5	999.9	999.
4.4	17.0	1089.4	881.0	-2.7	-8.9	999.9	99.9	99.9	99.9	280.7	286.7	2.2	62.2	999.9	999.
4.8	18.0	1179.9	871.0	-3.2	-8.5	999.9	99.9	99.9	99.9	281.1	287.4	2.3	66.7	999.9	999.
5.2	19.0	1271.3	861.0	-3.5	-8.4	999.9	99.9	99.9	99.9	281.8	288.1	2.3	68.5	999.9	999.
5.5	20.0	1354.3	852.0	-3.9	-9.1	999.9	99.9	99.9	99.9	282.1	288.2	2.3	67.2	999.9	999.
5.9	21.0	1466.2	840.0	-4.5	-9.6	999.9	99.9	99.9	99.9	282.6	288.5	2.1	66.2	999.9	999.
6.3	22.0	1560.4	830.0	-5.3	-10.6	999.9	99.9	99.9	99.9	282.8	288.7	2.1	69.3	999.9	999.
6.6	23.0	1645.9	821.0	-6.2	-10.7	999.9	99.9	99.9	99.9	282.7	288.5	2.1	73.0	999.9	999.
7.0	24.0	1732.2	812.0	-6.4	-8.7	999.9	99.9	99.9	99.9	283.5	290.1	2.4	83.4	999.9	999.
7.3	25.0	1819.4	803.0	-6.4	-8.1	999.9	99.9	99.9	99.9	284.4	291.4	2.6	87.1	999.9	999.
7.8	26.0	1937.1	791.0	-7.2	-8.2	999.9	99.9	99.9	99.9	284.7	291.8	2.6	93.1	999.9	999.
8.2	27.0	2026.2	782.0	-8.0	-8.0	999.9	99.9	99.9	99.9	284.8	291.7	2.5	93.6	999.9	999.
8.5	28.0	2116.1	773.0	-8.7	-9.1	999.9	99.9	99.9	99.9	285.0	291.7	2.5	96.0	999.9	999.
8.9	29.0	2206.8	764.0	-9.6	-9.1	999.9	99.9	99.9	99.9	285.0	291.5	2.4	99.2	999.9	999.
9.2	30.0	2298.3	755.0	-10.6	-10.7	999.9	99.9	99.9	99.9	284.8	291.0	2.2	99.0	999.9	999.
9.6	31.0	2390.6	746.0	-10.9	-11.0	999.9	99.9	99.9	99.9	285.5	291.6	2.2	99.0	999.9	999.
9.9	32.0	2484.4	737.0	-8.1	-17.5	999.9	99.9	99.9	99.9	289.4	293.1	1.3	46.6	999.9	999.
10.2	33.0	2579.9	728.0	-7.8	-20.2	999.9	99.9	99.9	99.9	290.7	293.8	1.0	36.1	999.9	999.
10.5	34.0	2676.6	719.0	-8.1	-22.1	999.9	99.9	99.9	99.9	291.3	293.9	0.9	29.8	999.9	999.
10.8	35.0	2763.3	711.0	-9.1	-24.0	999.9	99.9	99.9	99.9	291.1	293.4	0.8	28.0	999.9	999.
11.3	36.0	2883.8	700.0	-9.7	-24.0	999.9	99.9	99.9	99.9	291.8	294.0	0.7	27.6	999.9	999.
11.6	37.0	2972.4	692.0	-10.4	-26.0	999.9	99.9	99.9	99.9	291.9	294.0	0.7	26.5	999.9	999.
12.0	38.0	3073.1	683.0	-11.0	-27.5	999.9	99.9	99.9	99.9	292.4	294.2	0.6	24.2	999.9	999.
12.3	39.0	3163.5	675.0	-11.6	-31.3	999.9	99.9	99.9	99.9	292.7	294.0	0.4	17.5	999.9	999.
12.7	40.0	3254.8	667.0	-12.0	-33.2	999.9	99.9	99.9	99.9	293.2	294.3	0.3	15.1	999.9	999.
13.1	41.0	3381.8	656.0	-13.0	-33.9	999.9	99.9	99.9	99.9	293.5	294.6	0.3	15.2	999.9	999.
13.4	42.0	3475.2	648.0	-13.7	-38.1	999.9	99.9	99.9	99.9	293.7	294.4	0.2	10.6	999.9	999.
13.8	43.0	3569.5	640.0	-14.4	-37.1	999.9	99.9	99.9	99.9	294.0	294.7	0.2	11.7	999.9	999.
14.1	44.0	3664.7	632.0	-15.1	-39.6	999.9	99.9	99.9	99.9	294.3	294.9	0.2	10.2	999.9	999.
14.4	45.0	3760.8	624.0	-16.0	-40.3	999.9	99.9	99.9	99.9	294.2	294.8	0.2	10.3	999.9	999.
14.8	46.0	3857.9	616.0	-16.7	-40.3	999.9	99.9	99.9	99.9	294.5	295.1	0.2	10.9	999.9	999.
15.1	47.0	3955.9	608.0	-17.6	-40.8	999.9	99.9	99.9	99.9	294.7	295.3	0.2	11.0	999.9	999.
15.5	48.0	4054.9	600.0	-18.5	-41.5	999.9	99.9	99.9	99.9	294.7	295.2	0.2	11.1	999.9	999.
15.8	49.0	4142.3	593.0	-19.2	-42.0	999.9	99.9	99.9	99.9	294.9	295.4	0.2	11.1	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

7 FEBRUARY 1975  
1115 GMT

165 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.1	50.0	4243.2	585.0	-20.1	-44.7	999.9	99.9	99.9	99.9	294.9	295.3	0.1	9.0	999.9	999.
16.5	51.0	4370.8	575.0	-20.7	-46.7	999.9	99.9	99.9	99.9	295.8	296.1	0.1	7.9	999.9	999.
16.9	52.0	4461.2	568.0	-21.6	-46.5	999.9	99.9	99.9	99.9	295.7	296.0	0.1	8.0	999.9	999.
17.4	53.0	4565.6	560.0	-22.5	-47.5	999.9	99.9	99.9	99.9	295.8	296.1	0.1	8.1	999.9	999.
17.8	54.0	4657.8	553.0	-23.2	-48.0	999.9	99.9	99.9	99.9	296.0	296.4	0.1	8.2	999.9	999.
18.0	55.0	4750.9	546.0	-24.1	-48.6	999.9	99.9	99.9	99.9	296.0	296.3	0.1	8.3	999.9	999.
18.5	56.0	4871.8	537.0	-25.2	-49.5	999.9	99.9	99.9	99.9	296.2	296.4	0.1	8.4	999.9	999.
18.8	57.0	4967.0	530.0	-26.0	-49.5	999.9	99.9	99.9	99.9	296.3	296.6	0.1	8.5	999.9	999.
19.2	58.0	5063.1	523.0	-26.8	-55.5	999.9	99.9	99.9	99.9	296.5	296.6	0.0	4.4	999.9	999.
19.5	59.0	5160.2	516.0	-27.3	-56.1	999.9	99.9	99.9	99.9	297.0	297.1	0.0	4.5	999.9	999.
19.9	60.0	5258.4	509.0	-28.1	-56.6	999.9	99.9	99.9	99.9	297.2	297.3	0.0	4.6	999.9	999.
20.3	61.0	5357.6	502.0	-28.7	-56.9	999.9	99.9	99.9	99.9	297.7	297.8	0.0	4.6	999.9	999.
20.6	62.0	5458.1	495.0	-29.2	-57.2	999.9	99.9	99.9	99.9	298.3	298.4	0.0	4.7	999.9	999.
21.0	63.0	5560.0	488.0	-28.4	-56.7	999.9	99.9	99.9	99.9	300.4	300.6	0.0	4.6	999.9	999.
21.5	64.0	5663.7	481.0	-27.9	-56.4	999.9	99.9	99.9	99.9	302.3	302.5	0.0	4.5	999.9	999.
21.7	65.0	5768.9	474.0	-29.4	-56.7	999.9	99.9	99.9	99.9	303.0	303.1	0.0	4.6	999.9	999.
22.2	66.0	5890.8	466.0	-29.2	-57.2	999.9	99.9	99.9	99.9	303.4	303.6	0.0	4.7	999.9	999.
22.5	67.0	5998.8	459.0	-29.6	-57.4	999.9	99.9	99.9	99.9	304.3	304.4	0.0	4.7	999.9	999.
22.9	68.0	6092.6	453.0	-30.0	-57.6	999.9	99.9	99.9	99.9	304.9	305.0	0.0	4.8	999.9	999.
23.3	69.0	6187.6	447.0	-30.0	-57.6	999.9	99.9	99.9	99.9	306.1	306.2	0.0	4.8	999.9	999.
23.6	70.0	6300.0	440.0	-30.0	-57.6	999.9	99.9	99.9	99.9	307.5	307.6	0.0	4.8	999.9	999.
24.2	71.0	6430.8	432.0	-29.6	-57.4	999.9	99.9	99.9	99.9	309.6	309.7	0.0	4.7	999.9	999.
24.6	72.0	6530.6	426.0	-29.3	-57.7	999.9	99.9	99.9	99.9	311.2	311.3	0.0	4.7	999.9	999.
25.0	73.0	6631.8	420.0	-30.3	-57.8	999.9	99.9	99.9	99.9	311.2	311.4	0.0	4.8	999.9	999.
25.4	74.0	6733.9	414.0	-31.2	-58.2	999.9	99.9	99.9	99.9	311.3	311.4	0.0	4.9	999.9	999.
25.7	75.0	6837.3	408.0	-31.9	-58.7	999.9	99.9	99.9	99.9	311.8	311.9	0.0	5.0	999.9	999.
26.1	76.0	6941.8	402.0	-32.5	-59.1	999.9	99.9	99.9	99.9	312.2	312.3	0.0	5.0	999.9	999.
26.5	77.0	7047.8	396.0	-32.7	-59.2	999.9	99.9	99.9	99.9	313.4	313.5	0.0	5.1	999.9	999.
26.9	78.0	7155.1	390.0	-33.5	-59.7	999.9	99.9	99.9	99.9	313.7	313.8	0.0	5.2	999.9	999.
27.2	79.0	7263.9	384.0	-33.7	-59.7	999.9	99.9	99.9	99.9	314.7	314.9	0.0	5.2	999.9	999.
27.6	80.0	7374.3	378.0	-34.1	-60.7	999.9	99.9	99.9	99.9	315.6	315.7	0.0	5.2	999.9	999.
28.0	81.0	7505.0	371.0	-34.7	-60.4	999.9	99.9	99.9	99.9	316.6	316.7	0.0	5.3	999.9	999.
28.4	82.0	7618.9	365.0	-34.8	-60.5	999.9	99.9	99.9	99.9	317.9	318.0	0.0	5.3	999.9	999.
28.8	83.0	7715.1	360.0	-35.2	-60.7	999.9	99.9	99.9	99.9	318.6	318.7	0.0	5.3	999.9	999.
29.2	84.0	7832.1	354.0	-35.9	-61.1	999.9	99.9	99.9	99.9	319.3	319.4	0.0	5.4	999.9	999.
29.6	85.0	7930.8	349.0	-36.4	-60.7	999.9	99.9	99.9	99.9	319.8	319.9	0.0	6.1	999.9	999.
30.0	86.0	8071.1	342.0	-37.2	-61.2	999.9	99.9	99.9	99.9	320.6	320.7	0.0	6.2	999.9	999.
30.4	87.0	8172.8	337.0	-37.4	-61.7	999.9	99.9	99.9	99.9	321.7	321.9	0.0	6.2	999.9	999.
30.8	88.0	8296.8	331.0	-37.8	-61.5	999.9	99.9	99.9	99.9	322.8	322.9	0.0	6.2	999.9	999.
31.2	89.0	8401.5	326.0	-39.0	-62.3	999.9	99.9	99.9	99.9	322.5	322.7	0.0	6.4	999.9	999.
31.6	90.0	8507.2	321.0	-40.1	99.9	999.9	99.9	99.9	99.9	322.6	999.9	99.9	999.9	999.9	999.
32.0	91.0	8614.2	316.0	-40.8	99.9	999.9	99.9	99.9	99.9	323.0	999.9	99.9	999.9	999.9	999.
32.4	92.0	8744.5	310.0	-41.6	99.9	999.9	99.9	99.9	99.9	323.6	999.9	99.9	999.9	999.9	999.
32.8	93.0	8832.5	306.0	-42.1	99.9	999.9	99.9	99.9	99.9	324.3	999.9	99.9	999.9	999.9	999.
33.2	94.0	8943.7	301.0	-43.3	99.9	999.9	99.9	99.9	99.9	324.0	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

7 FEBRUARY 1975  
1115 GMT

165 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.7	95.0	9056.2	296.0	-44.5	99.9	999.9	99.9	99.9	99.9	323.9	999.9	99.9	999.9	999.9	999.9
34.2	96.0	9193.0	290.0	-45.6	99.9	999.9	99.9	99.9	99.9	324.2	999.9	99.9	999.9	999.9	999.9
34.5	97.0	9308.7	285.0	-46.5	99.9	999.9	99.9	99.9	99.9	324.6	999.9	99.9	999.9	999.9	999.9
35.2	98.0	9425.9	280.0	-47.5	99.9	999.9	99.9	99.9	99.9	324.7	999.9	99.9	999.9	999.9	999.9
35.6	99.0	9544.9	275.0	-48.0	99.9	999.9	99.9	99.9	99.9	325.8	999.9	99.9	999.9	999.9	999.9
36.1	100.0	9641.4	271.0	-48.6	99.9	999.9	99.9	99.9	99.9	326.3	999.9	99.9	999.9	999.9	999.9
36.6	101.0	9788.4	265.0	-49.5	99.9	999.9	99.9	99.9	99.9	327.0	999.9	99.9	999.9	999.9	999.9
37.0	102.0	9913.0	260.0	-50.1	99.9	999.9	99.9	99.9	99.9	327.9	999.9	99.9	999.9	999.9	999.9
37.5	103.0	10639.7	255.0	-50.9	99.9	999.9	99.9	99.9	99.9	328.6	999.9	99.9	999.9	999.9	999.9
37.9	104.0	10142.4	251.0	-51.6	99.9	999.9	99.9	99.9	99.9	328.9	999.9	99.9	999.9	999.9	999.9
38.3	105.0	10272.8	246.0	-52.4	99.9	999.9	99.9	99.9	99.9	329.7	999.9	99.9	999.9	999.9	999.9
38.7	106.0	10378.6	242.0	-53.1	99.9	999.9	99.9	99.9	99.9	330.3	999.9	99.9	999.9	999.9	999.9
39.2	107.0	10486.0	238.0	-53.2	99.9	999.9	99.9	99.9	99.9	331.6	999.9	99.9	999.9	999.9	999.9
39.6	108.0	10622.9	233.0	-52.9	99.9	999.9	99.9	99.9	99.9	334.1	999.9	99.9	999.9	999.9	999.9
40.1	109.0	10734.6	229.0	-53.1	99.9	999.9	99.9	99.9	99.9	335.5	999.9	99.9	999.9	999.9	999.9
40.5	110.0	10848.2	225.0	-53.1	99.9	999.9	99.9	99.9	99.9	337.2	999.9	99.9	999.9	999.9	999.9
41.2	111.0	10993.1	220.0	-52.9	99.9	999.9	99.9	99.9	99.9	339.6	999.9	99.9	999.9	999.9	999.9
41.7	112.0	11111.5	216.0	-53.1	99.9	999.9	99.9	99.9	99.9	341.2	999.9	99.9	999.9	999.9	999.9
42.2	113.0	11232.0	212.0	-53.1	99.9	999.9	99.9	99.9	99.9	343.0	999.9	99.9	999.9	999.9	999.9
42.5	114.0	11354.8	208.0	-52.9	99.9	999.9	99.9	99.9	99.9	345.1	999.9	99.9	999.9	999.9	999.9
43.2	115.0	11480.0	204.0	-53.4	99.9	999.9	99.9	99.9	99.9	346.3	999.9	99.9	999.9	999.9	999.9
43.8	116.0	11639.8	199.0	-53.1	99.9	999.9	99.9	99.9	99.9	349.3	999.9	99.9	999.9	999.9	999.9
44.3	117.0	11770.8	195.0	-52.7	99.9	999.9	99.9	99.9	99.9	351.8	999.9	99.9	999.9	999.9	999.9
44.7	118.0	11904.7	191.0	-52.6	99.9	999.9	99.9	99.9	99.9	354.2	999.9	99.9	999.9	999.9	999.9
45.2	119.0	12006.8	188.0	-53.4	99.9	999.9	99.9	99.9	99.9	354.5	999.9	99.9	999.9	999.9	999.9
45.7	120.0	12145.1	184.0	-53.7	99.9	999.9	99.9	99.9	99.9	356.1	999.9	99.9	999.9	999.9	999.9
46.2	121.0	12286.4	180.0	-53.7	99.9	999.9	99.9	99.9	99.9	358.4	999.9	99.9	999.9	999.9	999.9
46.5	122.0	12394.4	177.0	-54.0	99.9	999.9	99.9	99.9	99.9	359.6	999.9	99.9	999.9	999.9	999.9
47.2	123.0	12540.8	173.0	-54.8	99.9	999.9	99.9	99.9	99.9	360.6	999.9	99.9	999.9	999.9	999.9
47.7	124.0	12690.3	169.0	-55.2	99.9	999.9	99.9	99.9	99.9	362.5	999.9	99.9	999.9	999.9	999.9
48.2	125.0	12804.6	166.0	-55.5	99.9	999.9	99.9	99.9	99.9	363.8	999.9	99.9	999.9	999.9	999.9
48.8	126.0	12960.0	162.0	-55.7	99.9	999.9	99.9	99.9	99.9	366.0	999.9	99.9	999.9	999.9	999.9
49.4	127.0	13119.3	158.0	-55.7	99.9	999.9	99.9	99.9	99.9	368.7	999.9	99.9	999.9	999.9	999.9
49.9	128.0	13241.2	155.0	-56.5	99.9	999.9	99.9	99.9	99.9	369.3	999.9	99.9	999.9	999.9	999.9
50.4	129.0	13365.2	152.0	-56.5	99.9	999.9	99.9	99.9	99.9	371.3	999.9	99.9	999.9	999.9	999.9
51.0	130.0	13534.3	148.0	-56.8	99.9	999.9	99.9	99.9	99.9	373.6	999.9	99.9	999.9	999.9	999.9
51.9	131.0	13708.1	144.0	-56.3	99.9	999.9	99.9	99.9	99.9	377.4	999.9	99.9	999.9	999.9	999.9
52.5	132.0	13842.0	141.0	-55.8	99.9	999.9	99.9	99.9	99.9	380.6	999.9	99.9	999.9	999.9	999.9
53.1	133.0	13978.9	138.0	-55.8	99.9	999.9	99.9	99.9	99.9	382.9	999.9	99.9	999.9	999.9	999.9
53.5	134.0	14118.7	135.0	-56.2	99.9	999.9	99.9	99.9	99.9	384.8	999.9	99.9	999.9	999.9	999.9
54.0	135.0	14309.6	131.0	-56.8	99.9	999.9	99.9	99.9	99.9	386.9	999.9	99.9	999.9	999.9	999.9
54.6	136.0	14456.1	128.0	-57.7	99.9	999.9	99.9	99.9	99.9	387.9	999.9	99.9	999.9	999.9	999.9
55.1	137.0	14656.1	124.0	-58.4	99.9	999.9	99.9	99.9	99.9	390.2	999.9	99.9	999.9	999.9	999.9
55.8	138.0	14862.0	120.0	-59.1	99.9	999.9	99.9	99.9	99.9	392.6	999.9	99.9	999.9	999.9	999.9
56.5	139.0	15020.8	117.0	-59.1	99.9	999.9	99.9	99.9	99.9	395.4	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 402  
WALLOPS ISLAND, VA

7 FEBRUARY 1975  
1115 GMT

165 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P1 DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.3	140.0	15183.6	114.0	-59.1	99.9	999.9	99.9	99.9	99.9	398.4	999.9	99.9	999.9	999.9	999.9
58.1	141.0	15407.9	110.0	-58.6	99.9	999.9	99.9	99.9	99.9	403.4	999.9	99.9	999.9	999.9	999.9
59.0	142.0	15581.2	107.0	-58.2	99.9	999.9	99.9	99.9	99.9	407.3	999.9	99.9	999.9	999.9	999.9
59.7	143.0	15821.6	103.0	-58.4	99.9	999.9	99.9	99.9	99.9	411.4	999.9	99.9	999.9	999.9	999.9
60.3	144.0	16007.3	100.0	-58.9	99.9	999.9	99.9	99.9	99.9	413.9	999.9	99.9	999.9	999.9	999.9
61.0	145.0	16198.2	97.0	-59.5	99.9	999.9	99.9	99.9	99.9	416.5	999.9	99.9	999.9	999.9	999.9
61.8	146.0	16461.4	93.0	-60.2	99.9	999.9	99.9	99.9	99.9	420.1	999.9	99.9	999.9	999.9	999.9
62.7	147.0	16665.7	90.0	-60.5	99.9	999.9	99.9	99.9	99.9	423.4	999.9	99.9	999.9	999.9	999.9
63.8	148.0	16876.6	87.0	-61.1	99.9	999.9	99.9	99.9	99.9	426.4	999.9	99.9	999.9	999.9	999.9
64.7	149.0	17095.0	84.0	-60.4	99.9	999.9	99.9	99.9	99.9	432.2	999.9	99.9	999.9	999.9	999.9
65.5	150.0	17321.2	81.0	-61.3	99.9	999.9	99.9	99.9	99.9	434.8	999.9	99.9	999.9	999.9	999.9
66.4	151.0	17556.7	78.0	-58.9	99.9	999.9	99.9	99.9	99.9	444.4	999.9	99.9	999.9	999.9	999.9
67.3	152.0	17888.6	74.0	-56.8	99.9	999.9	99.9	99.9	99.9	455.5	999.9	99.9	999.9	999.9	999.9
68.2	153.0	18150.9	71.0	-56.8	99.9	999.9	99.9	99.9	99.9	460.9	999.9	99.9	999.9	999.9	999.9
69.2	154.0	18424.1	68.0	-57.4	99.9	999.9	99.9	99.9	99.9	465.6	999.9	99.9	999.9	999.9	999.9
70.3	155.0	18707.8	65.0	-59.6	99.9	999.9	99.9	99.9	99.9	466.6	999.9	99.9	999.9	999.9	999.9
71.3	156.0	19002.6	62.0	-60.7	99.9	999.9	99.9	99.9	99.9	470.6	999.9	99.9	999.9	999.9	999.9
72.3	157.0	19311.3	59.0	-60.5	99.9	999.9	99.9	99.9	99.9	477.7	999.9	99.9	999.9	999.9	999.9
73.2	158.0	19635.0	56.0	-62.2	99.9	999.9	99.9	99.9	99.9	481.1	999.9	99.9	999.9	999.9	999.9
74.3	159.0	19973.2	53.0	-64.7	99.9	999.9	99.9	99.9	99.9	482.9	999.9	99.9	999.9	999.9	999.9
75.6	160.0	20332.7	50.0	-60.4	99.9	999.9	99.9	99.9	99.9	501.3	999.9	99.9	999.9	999.9	999.9
76.8	161.0	20717.9	47.0	-60.9	99.9	999.9	99.9	99.9	99.9	508.9	999.9	99.9	999.9	999.9	999.9
77.7	162.0	21128.5	44.0	-60.4	99.9	999.9	99.9	99.9	99.9	519.9	999.9	99.9	999.9	999.9	999.9
78.8	163.0	21566.3	41.0	-62.6	99.9	999.9	99.9	99.9	99.9	525.0	999.9	99.9	999.9	999.9	999.9
80.3	164.0	22033.9	38.0	-63.5	99.9	999.9	99.9	99.9	99.9	534.1	999.9	99.9	999.9	999.9	999.9
81.7	165.0	22540.7	35.0	-62.0	99.9	999.9	99.9	99.9	99.9	550.8	999.9	99.9	999.9	999.9	999.9
82.9	166.0	23095.1	32.0	-61.8	99.9	999.9	99.9	99.9	99.9	565.6	999.9	99.9	999.9	999.9	999.9
84.5	167.0	23705.2	29.0	-60.9	99.9	999.9	99.9	99.9	99.9	584.3	999.9	99.9	999.9	999.9	999.9
86.4	168.0	24385.6	26.0	-60.4	99.9	999.9	99.9	99.9	99.9	604.4	999.9	99.9	999.9	999.9	999.9
88.4	169.0	25151.4	23.0	-59.5	99.9	999.9	99.9	99.9	99.9	628.6	999.9	99.9	999.9	999.9	999.9

STATION NO. 405  
STERLING, VA

5 FEBRUARY 1975  
2315 GMT

156 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	85.0	999.2	0.3	-1.3	90.0	1.5	-1.5	0.0	274.0	282.8	3.5	89.0	0.0	0.
0.1	7.0	151.1	991.0	-0.2	-1.3	141.4	1.6	-1.0	1.2	274.1	283.1	3.5	92.3	0.0	285.
0.4	8.0	240.5	980.0	-0.4	-1.5	141.4	1.6	-1.0	1.2	274.8	283.8	3.5	92.2	0.0	285.
0.8	9.0	330.8	969.0	-1.0	-2.1	171.1	2.1	-0.3	2.0	275.0	283.7	3.4	92.3	0.1	298.
1.2	10.0	413.7	959.0	-0.7	-1.5	181.1	2.9	0.1	2.9	276.2	285.4	3.6	94.0	0.1	327.
1.6	11.0	531.4	945.0	-0.2	-0.7	177.9	3.6	-0.1	3.6	277.9	287.8	3.9	96.6	0.2	345.
1.9	12.0	616.9	935.0	1.6	1.1	175.3	4.4	-0.4	4.4	280.6	292.1	4.4	96.8	0.2	343.
2.3	13.0	721.6	923.0	3.6	3.1	181.7	5.9	0.2	5.9	283.8	297.3	5.2	97.1	0.4	349.
2.6	14.0	810.3	913.0	4.7	4.1	185.5	7.1	0.7	7.0	285.9	300.6	5.6	95.4	0.5	353.
3.0	15.0	909.3	902.0	4.6	4.0	187.6	8.5	1.1	8.4	286.8	301.6	5.7	96.0	0.7	356.
3.3	16.0	1027.6	889.0	3.9	3.3	190.2	8.6	1.5	8.5	287.2	301.7	5.5	96.2	0.8	359.
3.6	17.0	1128.9	878.0	3.2	2.7	193.3	8.9	2.0	8.6	287.5	301.5	5.3	96.2	1.0	1.
4.0	18.0	1221.9	868.0	2.9	2.4	198.5	9.3	2.9	8.8	288.1	302.0	5.3	96.5	1.2	3.
4.3	19.0	1325.3	857.0	3.1	2.6	200.0	11.0	3.8	10.3	289.4	303.7	5.4	96.7	1.4	6.
4.7	20.0	1420.6	847.0	3.2	2.7	202.6	12.5	4.8	11.5	290.5	305.3	5.5	96.7	1.6	8.
5.2	21.0	1546.3	834.0	3.4	2.9	208.0	12.4	5.8	11.0	292.0	307.2	5.7	96.8	2.0	11.
5.6	22.0	1644.3	824.0	3.4	2.9	214.2	11.8	6.7	9.8	293.0	308.5	5.8	96.8	2.3	14.
6.0	23.0	1743.5	814.0	2.9	2.4	220.0	12.1	7.8	9.3	293.5	308.6	5.6	96.5	2.5	16.
6.4	24.0	1843.7	804.0	2.4	1.9	222.6	13.1	8.9	9.6	294.0	308.8	5.5	96.4	2.8	19.
6.8	25.0	1944.9	794.0	1.9	1.4	225.1	14.3	10.1	10.1	294.5	309.0	5.4	96.5	3.1	21.
7.3	26.0	2078.3	781.0	1.6	1.1	228.5	16.0	12.0	10.6	295.5	310.0	5.3	96.5	3.5	25.
7.7	27.0	2182.1	771.0	0.8	0.2	231.1	17.4	13.5	10.9	295.7	309.6	5.1	96.4	3.9	27.
8.1	28.0	2287.0	761.0	-0.0	-0.6	233.1	18.7	15.0	11.2	295.9	309.2	4.8	96.2	4.3	30.
8.5	29.0	2382.4	752.0	-0.5	-1.1	234.5	20.1	16.3	11.6	296.4	309.4	4.7	96.2	4.7	32.
8.9	30.0	2489.4	742.0	-1.5	-2.3	235.4	21.2	17.5	12.0	296.4	308.5	4.4	93.9	5.2	34.
9.2	31.0	2597.6	732.0	-1.9	-3.1	236.1	21.9	18.2	12.3	297.0	308.7	4.2	91.8	5.6	36.
9.6	32.0	2695.9	723.0	-2.9	-3.5	236.9	22.8	19.1	12.4	297.1	308.4	4.1	94.6	6.1	37.
10.0	33.0	2795.2	714.0	-3.5	-4.2	237.8	23.5	19.9	12.5	297.4	308.4	3.9	94.8	6.6	39.
10.3	34.0	2906.7	704.0	-4.3	-4.9	237.8	23.7	20.0	12.6	297.8	308.4	3.8	95.0	7.0	40.
10.7	35.0	3019.5	694.0	-4.7	-9.1	237.4	23.9	20.1	12.9	298.3	306.3	2.8	71.1	7.6	42.
11.2	36.0	3145.3	683.0	-4.9	-15.4	236.6	24.1	20.1	13.3	299.4	304.4	1.7	43.3	8.2	43.
11.5	37.0	3249.5	674.0	-5.3	-15.2	236.4	24.3	20.2	13.5	300.0	305.2	1.7	45.5	8.7	43.
11.9	38.0	3355.0	665.0	-5.8	-22.5	237.9	24.4	20.7	13.0	300.6	303.5	0.9	25.1	9.3	44.
12.2	39.0	3461.6	656.0	-6.7	-22.3	239.9	24.5	21.2	12.3	300.7	303.6	0.9	26.4	9.7	45.
12.6	40.0	3569.3	647.0	-7.6	-20.4	242.9	24.9	22.1	11.3	300.9	304.5	1.2	34.6	10.2	46.
13.0	41.0	3702.6	636.0	-8.6	-19.4	245.7	25.8	23.5	10.6	301.3	305.2	1.3	41.2	10.8	47.
13.4	42.0	3812.8	627.0	-9.9	-18.8	247.2	27.1	25.0	10.5	301.0	305.2	1.4	48.0	11.4	48.
13.7	43.0	3924.3	618.0	-10.6	-18.5	247.7	28.2	26.1	10.7	301.4	305.8	1.4	52.2	11.9	49.
14.1	44.0	4049.6	608.0	-11.7	-18.6	247.8	29.4	27.2	11.1	301.5	305.9	1.4	56.7	12.5	50.
14.5	45.0	4151.0	600.0	-12.2	-18.0	247.3	30.0	27.7	11.6	302.2	306.9	1.5	61.5	13.2	51.
14.8	46.0	4266.4	591.0	-13.2	-18.0	246.4	30.1	27.6	12.0	302.4	307.1	1.6	66.8	13.8	52.
15.2	47.0	4370.2	583.0	-13.7	-19.3	244.8	30.4	27.5	13.0	302.9	307.2	1.4	62.7	14.5	52.
15.5	48.0	4488.5	574.0	-13.7	-51.5	243.3	30.9	27.6	13.9	304.0	304.2	0.1	2.4	15.0	53.
15.9	49.0	4595.1	566.0	-14.0	-32.0	241.1	32.7	28.6	15.8	305.0	306.5	0.5	20.0	15.7	53.
16.3	50.0	4703.1	558.0	-14.4	-59.1	239.4	34.4	29.6	17.5	305.7	305.8	0.0	1.0	16.5	53.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 405  
STERLING, VA

5 FEBRUARY 1975  
2315 GMT

156 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.8	51.0	4853.6	547.0	-15.7	-59.9	238.1	35.8	30.4	14.9	305.9	306.0	0.0	1.0	17.6	54.
17.2	52.0	4964.6	539.0	-16.3	-60.3	237.7	35.9	30.4	19.2	306.4	306.5	0.0	1.0	18.5	54.
17.6	53.0	5076.8	531.0	-17.3	-60.3	238.0	35.1	29.8	18.6	306.6	306.7	0.0	1.0	19.4	54.
18.0	54.0	5190.3	523.0	-18.5	-61.7	239.0	33.5	28.7	17.3	306.4	306.5	0.0	1.0	20.2	54.
18.3	55.0	5290.6	516.0	-19.6	-62.4	240.1	32.2	27.9	16.1	306.3	306.4	0.0	1.0	20.8	54.
18.9	56.0	5450.4	505.0	-20.4	-62.9	242.0	31.4	27.8	14.7	307.2	307.3	0.0	1.0	21.8	55.
19.3	57.0	5553.7	498.0	-20.7	-63.1	242.9	32.7	29.1	14.9	308.1	308.2	0.0	1.0	22.6	55.
19.7	58.0	5673.3	490.0	-21.4	-63.5	244.1	34.5	31.0	15.1	308.7	308.8	0.0	1.0	23.4	55.
20.1	59.0	5794.5	482.0	-22.2	-64.0	245.9	36.2	33.0	14.8	309.2	309.2	0.0	1.0	24.2	56.
20.5	60.0	5901.9	475.0	-22.7	-64.4	248.4	37.7	35.0	13.9	309.8	309.9	0.0	1.0	25.1	56.
21.1	61.0	6026.5	467.0	-22.8	-64.7	250.3	42.7	40.2	14.4	311.2	311.2	0.0	1.0	26.4	57.
21.5	62.0	6137.0	460.0	-23.6	-65.0	250.2	47.0	44.2	16.0	311.5	311.6	0.0	1.0	27.2	57.
22.0	63.0	6265.1	452.0	-24.2	-65.3	249.4	49.5	46.3	17.5	312.4	312.5	0.0	1.0	29.2	58.
22.4	64.0	6378.9	445.0	-24.2	-65.3	248.7	49.0	45.7	17.8	313.8	313.9	0.0	1.0	30.2	58.
22.9	65.0	6511.1	437.0	-24.6	-65.0	247.6	49.6	45.9	18.9	314.9	315.0	0.0	1.0	31.5	59.
23.5	66.0	6662.4	428.0	-25.5	-66.1	246.9	51.4	47.3	20.2	315.6	315.7	0.0	1.0	33.3	59.
23.9	67.0	6781.6	421.0	-26.9	-67.2	247.2	51.0	47.0	19.7	315.3	315.3	0.0	1.0	34.7	60.
24.3	68.0	6902.3	414.0	-28.0	-67.7	247.6	50.7*	46.9	19.3	315.4	315.4	0.0	1.0	35.9	60.
24.7	69.0	7024.4	407.0	-29.3	-68.7	247.8	51.6*	47.8	19.5	315.2	315.3	0.0	1.0	36.9	60.
25.1	70.0	7130.3	401.0	-30.3	-69.3	247.8	53.5*	49.6	20.2	315.4	315.4	0.0	1.0	38.1	60.
25.6	71.0	7291.3	392.0	-31.7	-70.3	247.6	54.7*	50.6	20.8	315.5	315.5	0.0	1.0	40.1	61.
26.1	72.0	7418.5	385.0	-32.6	-70.9	247.3	53.5*	49.4	20.6	315.9	316.0	0.0	1.0	41.4	61.
26.6	73.0	7528.9	379.0	-33.8	-71.7	246.6	52.5*	48.1	20.9	315.8	315.8	0.0	1.0	43.2	61.
27.0	74.0	7659.3	372.0	-34.8	-67.7	245.4	52.7*	47.9	22.0	316.2	316.3	0.0	2.1	44.3	61.
27.5	75.0	7772.5	366.0	-36.3	-64.7	243.7	54.8*	49.1	24.2	315.7	315.8	0.0	3.6	45.9	61.
28.0	76.0	7906.1	359.0	-37.5	-63.0	243.0	55.4*	49.4	25.1	315.8	315.9	0.0	5.0	47.6	61.
28.5	77.0	8022.2	353.0	-38.7	99.9	243.0	52.3*	46.6	23.7	315.8	999.9	99.9	999.9	49.4	61.
28.9	78.0	8159.4	346.0	-39.6	99.9	243.1	51.1*	45.6	23.1	316.3	999.9	99.9	999.9	50.6	61.
29.3	79.0	8278.9	340.0	-40.5	99.9	242.9	53.0*	47.2	24.2	316.8	999.9	99.9	999.9	51.4	62.
29.8	80.0	8399.9	334.0	-41.6	99.9	242.7	55.3*	49.1	25.4	316.9	999.9	99.9	999.9	53.3	62.
30.4	81.0	8563.9	326.0	-42.8	99.9	242.9	54.1*	48.2	24.7	317.4	999.9	99.9	999.9	55.6	62.
30.8	82.0	8689.0	320.0	-43.5	99.9	243.2	55.9*	49.9	25.2	318.1	999.9	99.9	999.9	56.4	62.
31.3	83.0	8816.0	314.0	-44.8	99.9	243.7	61.2*	54.9	27.1	318.0	999.9	99.9	999.9	58.1	62.
31.7	84.0	8944.7	308.0	-45.8	99.9	244.4	62.3*	56.2	26.9	318.4	999.9	99.9	999.9	60.0	62.
32.2	85.0	9075.4	302.0	-47.0	99.9	246.0	55.8*	50.9	22.7	318.5	999.9	99.9	999.9	62.0	62.
32.7	86.0	9207.9	296.0	-48.3	99.9	247.7	47.8*	44.2	18.1	318.5	999.9	99.9	999.9	63.4	62.
33.2	87.0	9342.5	290.0	-49.4	99.9	247.6	48.6*	45.0	18.5	318.9	999.9	99.9	999.9	64.4	62.
33.6	88.0	9525.9	282.0	-49.2	99.9	246.5	55.3*	50.7	22.1	321.6	999.9	99.9	999.9	65.5	62.
34.1	89.0	9642.9	277.0	-50.4	99.9	245.3	62.9*	57.2	20.3	321.5	999.9	99.9	999.9	67.4	62.
34.6	90.0	9785.5	271.0	-51.5	99.9	244.7	61.2*	55.3	26.1	322.0	999.9	99.9	999.9	69.9	62.
35.1	91.0	9906.2	266.0	-52.0	99.9	244.7	54.6*	49.4	23.3	323.0	999.9	99.9	999.9	71.5	62.
35.6	92.0	10053.6	260.0	-53.4	99.9	245.0	53.5*	48.5	22.6	323.1	999.9	99.9	999.9	72.6	62.
36.1	93.0	10178.3	255.0	-54.4	99.9	245.5	58.2*	53.0	24.1	323.4	999.9	99.9	999.9	74.4	63.
36.6	94.0	10305.0	250.0	-55.0	99.9	246.1	63.3*	57.9	25.6	324.3	999.9	99.9	999.9	76.3	63.
37.1	95.0	10434.1	245.0	-55.2	99.9	246.3	66.6*	61.0	26.8	325.9	999.9	99.9	999.9	78.2	63.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

5 FEBRUARY 1975  
2315 GMT

156 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.7	96.0	10618.9	238.0	-55.7	99.9	245.5	66.7*	60.7	21.7	327.9	999.9	99.9	999.9	80.7	63.
38.2	97.0	10754.0	233.0	-56.2	99.9	244.0	65.1*	58.5	28.5	329.2	999.9	99.9	999.9	82.8	63.
38.6	98.0	10864.3	229.0	-55.3	99.9	242.7	65.3*	58.0	30.0	332.1	999.9	99.9	999.9	84.3	63.
39.2	99.0	11005.1	224.0	-55.5	99.9	241.6	64.8*	57.1	30.8	333.9	999.9	99.9	999.9	86.5	63.
39.5	100.0	11148.8	219.0	-56.2	99.9	241.6	60.8*	53.5	28.9	335.0	999.9	99.9	999.9	88.7	63.
40.1	101.0	11325.4	213.0	-56.0	99.9	245.8	45.1*	41.1	18.5	338.0	999.9	99.9	999.9	89.9	63.
40.5	102.0	11476.8	208.0	-55.2	99.9	251.3	41.6*	39.4	13.4	341.6	999.9	99.9	999.9	90.0	63.
41.0	103.0	11601.2	204.0	-53.7	99.9	255.6	48.1*	46.6	11.9	345.8	999.9	99.9	999.9	92.2	63.
41.5	104.0	11760.7	199.0	-53.7	99.9	255.6	57.0*	55.2	14.2	348.2	999.9	99.9	999.9	93.4	63.
42.0	105.0	11924.0	194.0	-54.5	99.9	253.0	65.9*	63.0	19.3	349.5	999.9	99.9	999.9	94.6	63.
42.6	106.0	12057.2	190.0	-55.2	99.9	251.1	63.6*	60.2	20.6	350.5	999.9	99.9	999.9	98.2	64.
43.1	107.0	12192.9	186.0	-55.8	99.9	251.9	49.6*	47.1	15.4	351.6	999.9	99.9	999.9	99.5	64.
43.7	108.0	12331.2	182.0	-56.2	99.9	256.2	36.2*	35.1	8.6	353.3	999.9	99.9	999.9	101.2	64.
44.3	109.0	12472.5	178.0	-56.0	99.9	256.3	42.0*	40.8	10.0	355.8	999.9	99.9	999.9	101.5	64.
44.8	110.0	12653.6	173.0	-56.3	99.9	253.7	50.9*	48.8	14.2	358.1	999.9	99.9	999.9	103.6	64.
45.5	111.0	12839.6	168.0	-56.8	99.9	251.1	56.7*	53.7	18.4	360.3	999.9	99.9	999.9	105.7	64.
46.1	112.0	12992.1	164.0	-57.5	99.9	248.1	60.3*	55.9	22.5	361.7	999.9	99.9	999.9	107.5	65.
46.7	113.0	13147.9	160.0	-57.8	99.9	247.8	55.5*	51.4	20.9	363.7	999.9	99.9	999.9	110.5	65.
47.3	114.0	13307.9	156.0	-57.0	99.9	252.8	50.1*	47.9	14.8	367.7	999.9	99.9	999.9	111.8	65.
47.8	115.0	13472.2	152.0	-57.3	99.9	254.8	50.8*	49.0	13.3	369.9	999.9	99.9	999.9	113.5	65.
48.6	116.0	13640.9	148.0	-57.2	99.9	252.0	61.9**	58.9	19.1	373.0	999.9	99.9	999.9	115.4	65.
49.1	117.0	13813.9	144.0	-58.0	99.9	252.1	63.5**	60.4	19.5	374.5	999.9	99.9	999.9	118.2	65.
49.7	118.0	13946.4	141.0	-58.5	99.9	253.6	52.4**	50.3	14.8	375.8	999.9	99.9	999.9	120.2	65.
50.2	119.0	14127.0	137.0	-59.2	99.9	254.2	42.8**	41.2	11.6	377.7	999.9	99.9	999.9	121.2	65.
50.6	120.0	14312.3	133.0	-60.1	99.9	255.0	36.1**	34.8	9.3	379.3	999.9	99.9	999.9	123.2	65.
51.1	121.0	14454.0	130.0	-62.0	99.9	257.7	30.5**	29.8	6.5	378.5	999.9	99.9	999.9	123.0	66.
51.7	122.0	14598.1	127.0	-63.1	99.9	257.8	33.9**	33.1	7.2	379.0	999.9	99.9	999.9	124.2	66.
52.3	123.0	14794.9	123.0	-63.3	99.9	256.7	38.5*	37.5	8.8	382.2	999.9	99.9	999.9	125.7	66.
52.8	124.0	14946.6	120.0	-63.7	99.9	256.5	39.9*	38.8	9.3	384.2	999.9	99.9	999.9	126.8	66.
53.4	125.0	15101.8	117.0	-64.1	99.9	255.4	44.7**	43.2	11.3	386.2	999.9	99.9	999.9	128.1	66.
54.1	126.0	15314.2	113.0	-65.2	99.9	253.5	47.1**	45.2	13.4	387.9	999.9	99.9	999.9	130.1	66.
54.7	127.0	15477.9	110.0	-65.6	99.9	252.3	41.7**	39.7	12.7	390.1	999.9	99.9	999.9	132.2	66.
55.2	128.0	15646.4	107.0	-64.6	99.9	249.6	47.1**	44.1	16.4	395.1	999.9	99.9	999.9	132.4	66.
55.7	129.0	15820.1	104.0	-64.6	99.9	246.6	60.2**	55.3	23.9	398.4	999.9	99.9	999.9	134.4	66.
56.3	130.0	15999.0	101.0	-64.2	99.9	244.6	64.5**	58.2	27.7	402.5	999.9	99.9	999.9	137.0	66.
57.1	131.0	16247.1	97.0	-62.9	99.9	245.8	48.3**	44.1	19.8	409.8	999.9	99.9	999.9	140.5	66.
57.7	132.0	16440.5	94.0	-63.1	99.9	251.2	56.3**	53.3	18.1	413.1	999.9	99.9	999.9	141.3	66.
58.3	133.0	16640.7	91.0	-61.8	99.9	253.7	110.7**	106.3	31.0	419.6	999.9	99.9	999.9	141.7	66.
58.7	134.0	16778.3	89.0	-61.8	99.9	254.8	125.8**	121.4	33.0	422.2	999.9	99.9	999.9	145.5	66.
59.1	135.0	16990.4	86.0	-62.1	99.9	258.0	90.0**	88.1	18.7	425.6	999.9	99.9	999.9	153.9	67.
59.8	136.0	17208.5	83.0	-64.6	99.9	54.5	45.2**	-36.8	-26.3	424.9	999.9	99.9	999.9	150.5	67.
60.5	137.0	17432.7	80.0	-65.8	99.9	49.3	30.3**	-23.0	-19.7	426.9	999.9	99.9	999.9	148.2	67.
61.4	138.0	17665.5	77.0	-64.6	99.9	298.4	11.8**	10.4	-5.6	434.1	999.9	99.9	999.9	149.6	67.
62.2	139.0	17907.5	74.0	-65.8	99.9	277.7	14.7**	14.6	-2.0	436.5	999.9	99.9	999.9	147.8	67.
63.1	140.0	18159.8	71.0	-64.2	99.9	263.6	32.3*	32.1	3.6	445.1	999.9	99.9	999.9	150.2	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

5 FEBRUARY 1975  
2315 GMT

156 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.9	141.0	18423.8	68.0	-64.4	99.9	294.5	14.2*	12.9	-5.9	450.3	999.9	99.9	999.9	150.5	68.
64.8	142.0	18699.0	65.0	-65.4	99.9	265.8	31.0*	30.9	2.3	453.9	999.9	99.9	999.9	151.8	68.
65.6	143.0	18986.9	62.0	-64.8	99.9	262.7	33.4*	33.1	4.2	461.4	999.9	99.9	999.9	153.8	68.
66.5	144.0	19186.9	60.0	-65.0	99.9	269.8	16.1*	16.1	0.1	465.3	999.9	99.9	999.9	155.3	68.
67.4	145.0	19499.4	57.0	-65.2	99.9	258.0	27.6*	27.0	5.8	471.8	999.9	99.9	999.9	155.6	68.
68.3	146.0	19828.1	54.0	-66.0	99.9	259.2	21.1*	20.7	4.0	477.2	999.9	99.9	999.9	157.9	68.
69.2	147.0	20056.0	52.0	-67.9	99.9	261.6	22.8*	22.5	3.3	478.0	999.9	99.9	999.9	157.7	68.
70.1	148.0	20413.2	49.0	-67.9	99.9	261.7	33.8*	33.4	4.9	486.2	999.9	99.9	999.9	160.2	69.
71.1	149.0	20793.2	46.0	-67.7	99.9	268.2	30.8*	30.7	1.0	495.6	999.9	99.9	999.9	161.1	69.
72.3	150.0	21061.1	44.0	-67.1	99.9	268.7	36.7*	36.7	0.8	503.5	999.9	99.9	999.9	164.1	69.
73.5	151.0	21487.7	41.0	-66.7	99.9	261.8	30.7*	30.4	4.4	514.8	999.9	99.9	999.9	167.2	69.
74.5	152.0	21789.6	39.0	-67.5	99.9	261.9	32.9*	32.6	4.6	520.1	999.9	99.9	999.9	167.9	69.
75.7	153.0	22273.2	36.0	-66.3	99.9	265.5	39.1*	39.0	3.1	535.4	999.9	99.9	999.9	171.1	70.
77.1	154.0	22619.5	34.0	-66.5	99.9	271.0	25.7*	25.7	-0.4	543.7	999.9	99.9	999.9	173.7	70.
78.5	155.0	23182.8	31.0	-63.5	99.9	266.4	18.3*	18.3	1.2	566.3	999.9	99.9	999.9	175.4	70.
79.7	156.0	23591.4	29.0	-64.4	99.9	268.3	24.1*	24.1	0.7	574.5	999.9	99.9	999.9	177.3	70.
81.2	157.0	24027.7	27.0	-65.0	99.9	266.7	22.2*	22.2	1.3	584.7	999.9	99.9	999.9	178.2	71.
82.9	158.0	24751.3	24.0	-61.8	99.9	251.9	27.1*	25.7	8.4	614.2	999.9	99.9	999.9	182.0	71.
84.7	159.0	25290.8	22.0	-61.2	99.9	262.4	20.9*	20.8	2.8	631.4	999.9	99.9	999.9	182.0	71.
86.5	160.0	26199.7	19.0	-61.8	99.9	258.2	43.2*	42.3	8.8	656.7	999.9	99.9	999.9	189.0	71.
88.9	161.0	26887.7	17.0	-62.1	99.9	999.9	99.9	99.9	99.9	676.7	999.9	99.9	999.9	999.9	999.

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
515 GMT

153 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	85.0	996.2	0.4	-0.9	180.0	2.1	0.0	2.1	274.3	283.5	3.6	91.0	0.0	0.
0.3	8.0	175.8	985.0	0.4	0.4	220.5	5.9	3.8	4.5	275.2	285.3	4.0	100.7	0.2	27.
0.6	9.0	266.0	974.0	0.2	0.2	222.4	6.0	4.0	4.4	275.9	286.1	4.0	103.6	0.2	30.
1.0	10.0	357.1	963.0	-0.1	-0.1	229.4	6.4	4.9	4.2	276.5	286.6	3.9	103.6	0.3	34.
1.3	11.0	465.9	950.0	-0.4	-0.4	242.7	6.7	6.0	3.1	277.2	287.3	3.9	103.6	0.5	40.
1.7	12.0	559.3	939.0	0.4	0.4	264.1	8.0	7.9	0.3	279.0	289.8	4.2	103.7	0.6	49.
2.0	13.0	645.2	929.0	-0.3	-0.3	278.6	9.8	9.7	-1.5	279.2	289.6	4.0	103.6	0.7	55.
2.3	14.0	741.0	918.0	1.5	1.5	282.9	12.5	12.1	-2.8	282.0	294.1	4.7	103.8	0.9	67.
2.6	15.0	829.4	908.0	2.0	1.5	284.8	14.4	14.0	-3.7	283.4	295.7	4.7	96.3	1.1	75.
3.0	16.0	954.9	894.0	1.8	0.8	284.4	15.2	14.8	-3.8	284.5	296.4	4.5	92.7	1.4	82.
3.3	17.0	1036.5	885.0	1.0	-0.2	282.9	16.3	15.9	-3.6	284.4	295.7	4.3	91.7	1.7	86.
3.7	18.0	1137.2	874.0	0.8	-0.1	281.3	17.9	17.5	-3.5	285.3	296.8	4.3	93.2	2.1	89.
3.9	19.0	1239.0	863.0	0.4	-0.3	280.7	18.7	18.3	-3.5	285.8	297.4	4.3	95.4	2.3	90.
4.2	20.0	1332.5	853.0	-0.3	-2.5	279.4	19.1	18.9	-3.1	286.0	296.1	3.7	85.3	2.6	91.
4.7	21.0	1446.1	841.0	0.4	-2.5	277.0	19.8	19.7	-2.4	287.9	298.1	3.8	81.3	3.2	93.
5.0	22.0	1551.8	830.0	-0.1	-3.2	275.9	20.6	20.5	-2.1	288.4	298.3	3.6	79.6	3.6	93.
5.3	23.0	1639.2	821.0	0.2	-4.1	275.8	21.9	21.8	-2.2	289.6	299.1	3.5	73.0	3.9	93.
5.7	24.0	1747.4	810.0	0.2	-5.6	274.6	22.8	22.7	-1.3	290.7	299.3	3.1	65.0	4.5	94.
5.9	25.0	1847.0	800.0	-0.3	-5.8	273.6	22.9	22.8	-1.4	291.2	299.8	3.1	66.2	4.8	94.
6.3	26.0	1967.8	788.0	-0.9	-6.4	272.3	22.1	22.0	-0.9	291.8	300.2	3.0	66.4	5.3	93.
6.7	27.0	2069.7	778.0	-1.7	-7.3	269.8	21.3	21.3	0.1	292.0	300.0	2.8	65.6	5.8	93.
7.0	28.0	2172.7	768.0	-1.9	-7.7	267.0	21.0	21.0	1.1	292.9	300.7	2.8	64.0	6.2	93.
7.3	29.0	2266.5	759.0	-2.2	-8.0	264.6	20.8	20.7	1.9	293.5	301.3	2.8	64.3	6.6	93.
7.7	30.0	2371.8	749.0	-2.8	-8.4	261.7	20.5	20.3	3.0	294.0	301.6	2.7	65.1	7.1	92.
8.0	31.0	2467.5	740.0	-3.6	-8.9	259.6	20.3	20.0	3.7	294.1	301.6	2.6	66.3	7.4	91.
8.3	32.0	2575.0	730.0	-4.3	-9.7	257.8	20.4	19.9	4.3	294.4	301.6	2.5	66.1	7.8	91.
8.7	33.0	2672.7	721.0	-4.9	-10.2	255.4	20.7	20.1	5.2	294.8	301.8	2.4	66.7	8.2	90.
9.0	34.0	2782.4	711.0	-5.7	-10.2	253.7	21.2	20.4	6.0	295.2	302.2	2.5	70.5	8.6	89.
9.3	35.0	2882.2	702.0	-6.7	-10.5	251.5	21.8	20.6	6.9	295.1	302.0	2.4	74.2	9.0	89.
9.7	36.0	3005.4	691.0	-7.6	-10.7	248.7	22.4	20.9	8.2	295.4	302.4	2.4	78.4	9.5	88.
10.0	37.0	3118.9	681.0	-7.9	-14.4	246.4	22.8	20.9	9.1	296.2	301.6	1.8	59.7	9.9	87.
10.3	38.0	3222.2	672.0	-8.7	-15.1	244.8	23.2	21.0	9.9	296.5	301.7	1.8	59.5	10.2	86.
10.7	39.0	3314.9	664.0	-9.4	-19.6	243.4	23.7	21.2	10.6	296.7	300.3	1.2	42.8	10.8	85.
11.0	40.0	3420.4	655.0	-9.5	-22.7	243.0	24.1	21.4	10.9	297.6	300.5	0.9	33.1	11.2	84.
11.4	41.0	3551.0	644.0	-10.4	-26.2	243.7	24.3	21.8	10.8	298.1	300.2	0.7	25.8	11.7	83.
11.8	42.0	3659.2	635.0	-11.3	-28.1	244.7	25.0	22.5	10.7	298.3	300.1	0.6	23.2	12.3	82.
12.2	43.0	3768.6	626.0	-12.1	-31.0	245.5	25.8	23.4	10.7	298.5	300.0	0.5	18.8	12.8	81.
12.6	44.0	3879.2	617.0	-12.8	-31.9	245.8	26.5	24.2	10.9	298.9	300.3	0.4	18.4	13.5	81.
12.9	45.0	3991.0	608.0	-13.8	-35.9	245.7	26.8	24.4	11.0	299.0	300.0	0.3	13.4	14.0	80.
13.2	46.0	4091.5	600.0	-14.8	-44.7	245.4	26.9	24.5	11.2	299.0	299.4	0.1	5.7	14.4	79.
13.6	47.0	4205.8	591.0	-15.3	-46.1	245.1	27.0	24.5	11.4	299.7	300.0	0.1	5.1	15.0	79.
14.0	48.0	4308.7	583.0	-15.3	-46.1	245.0	27.3	24.7	11.5	300.8	301.2	0.1	5.1	15.7	78.
14.3	49.0	4412.9	575.0	-15.7	-46.4	246.0	27.4	25.0	11.1	301.5	301.9	0.1	5.1	16.1	78.
14.8	50.0	4531.8	566.0	-16.1	-49.5	249.0	27.5	25.7	9.3	302.4	302.7	0.1	3.7	17.0	77.
15.2	51.0	4665.8	556.0	-17.1	-54.0	252.6	28.1	26.8	8.4	302.8	303.0	0.0	2.4	17.6	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
515 GMT

153 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.6	52.0	4774.3	548.0	-17.7	-54.2	256.2	29.3	28.5	7.0	303.4	303.6	0.0	2.4	18.2	77.
16.1	53.0	4884.3	540.0	-18.2	-54.4	259.4	32.0	31.5	5.9	304.0	304.2	0.0	2.5	19.2	77.
16.4	54.0	4995.6	532.0	-18.9	-54.6	260.5	34.2	33.7	5.5	304.5	304.7	0.0	2.6	19.7	77.
16.9	55.0	5108.3	524.0	-19.4	-54.8	261.1	38.2	37.8	5.9	305.2	305.4	0.0	2.6	20.8	77.
17.4	56.0	5251.3	514.0	-20.1	-55.0	260.6	41.4	40.8	6.8	306.1	306.2	0.0	2.7	22.1	78.
17.8	57.0	5367.5	506.0	-20.6	-55.2	259.9	42.9	42.2	7.5	306.8	306.9	0.0	2.8	23.1	78.
18.2	58.0	5485.2	498.0	-21.2	-55.4	259.1	44.5	43.7	8.4	307.5	307.7	0.0	2.8	24.2	78.
18.6	59.0	5589.6	491.0	-21.8	-55.7	258.5	46.9	46.0	9.4	308.0	308.1	0.0	2.9	25.1	78.
18.9	60.0	5695.2	484.0	-22.2	-55.8	257.9	49.4	48.3	10.4	308.7	308.9	0.0	2.9	26.0	78.
19.3	61.0	5817.6	476.0	-22.5	-52.6	256.7	51.8	50.4	11.0	309.9	310.1	0.1	4.4	27.3	78.
19.8	62.0	5926.4	469.0	-22.5	-48.5	255.0	53.1	51.3	13.7	311.2	311.6	0.1	7.3	28.9	78.
20.1	63.0	6052.5	461.0	-23.2	-48.1	254.0	53.3	51.2	14.6	311.9	312.3	0.1	8.0	29.9	78.
20.5	64.0	6164.4	454.0	-24.1	-48.8	252.9	53.2	50.9	15.7	312.1	312.5	0.1	8.1	31.1	77.
20.9	65.0	6277.6	447.0	-24.8	-49.2	252.0	53.1	50.5	16.4	312.7	313.0	0.1	8.2	32.5	77.
21.3	66.0	6425.3	438.0	-25.8	-49.3	251.2	53.2*	50.3	17.1	313.1	313.5	0.1	8.9	33.7	77.
21.7	67.0	6541.8	431.0	-26.8	-48.8	250.5	53.7*	50.6	17.9	313.4	313.8	0.1	10.3	34.9	77.
22.1	68.0	6676.7	423.0	-27.8	-48.5	249.8	54.5*	51.2	18.8	313.7	314.1	0.1	11.7	36.2	77.
22.6	69.0	6796.4	416.0	-28.7	-47.3	248.9	55.2*	51.5	19.9	314.0	314.5	0.1	14.7	37.9	76.
23.0	70.0	6917.6	409.0	-29.8	-48.1	248.0	54.9*	50.9	20.6	314.2	314.6	0.1	14.8	39.2	76.
23.5	71.0	7058.0	401.0	-31.2	-49.3	246.9	52.9*	48.7	20.8	314.1	314.5	0.1	14.9	40.8	76.
23.9	72.0	7182.5	394.0	-32.4	-48.8	246.8	51.8*	47.6	20.4	314.1	314.5	0.1	17.7	42.2	75.
24.3	73.0	7308.6	387.0	-33.5	-49.2	247.4	53.3*	49.2	20.5	314.3	314.7	0.1	18.8	43.1	75.
24.8	74.0	7436.4	380.0	-34.8	-50.3	248.3	56.9*	52.9	21.1	314.2	314.6	0.1	18.9	44.8	75.
25.2	75.0	7547.3	374.0	-35.8	-50.4	248.2	58.0*	53.9	21.6	314.4	314.8	0.1	20.4	46.4	75.
25.6	76.0	7659.5	368.0	-36.8	-51.3	247.4	56.6*	52.2	21.8	314.4	314.8	0.1	20.4	47.8	75.
26.0	77.0	7792.1	361.0	-37.9	-51.3	246.2	53.8*	49.2	21.7	314.7	315.1	0.1	22.7	49.1	74.
26.4	78.0	7907.3	355.0	-39.1	-51.3	246.0	54.8*	50.1	22.7	314.6	314.9	0.1	26.0	50.2	74.
26.8	79.0	8023.9	349.0	-40.1	99.9	246.3	58.8*	53.8	23.5	314.9	999.9	99.9	999.9	51.4	74.
27.2	80.0	8142.0	343.0	-41.2	99.9	246.5	62.3*	57.2	24.9	315.0	999.9	99.9	999.9	52.9	74.
27.7	81.0	8302.0	335.0	-42.3	99.9	245.9	62.5*	57.0	25.5	315.6	999.9	99.9	999.9	55.1	73.
28.1	82.0	8423.5	329.0	-43.3	99.9	245.2	60.1*	54.5	25.3	315.9	999.9	99.9	999.9	56.7	73.
28.5	83.0	8547.6	323.0	-44.3	99.9	244.9	59.8*	54.2	25.4	316.2	999.9	99.9	999.9	57.5	73.
28.9	84.0	8673.0	317.0	-45.1	99.9	246.1	65.5*	59.9	26.3	316.7	999.9	99.9	999.9	59.0	73.
29.2	85.0	8800.2	311.0	-46.6	99.9	246.6	67.4*	61.9	26.8	316.4	999.9	99.9	999.9	60.3	73.
29.8	86.0	8950.7	304.0	-48.3	99.9	246.3	62.7*	57.5	25.2	316.0	999.9	99.9	999.9	63.3	72.
30.3	87.0	9081.6	298.0	-49.5	99.9	245.6	58.7*	53.5	24.3	316.1	999.9	99.9	999.9	64.8	72.
30.8	88.0	9214.6	292.0	-50.4	99.9	246.4	67.9*	62.2	27.2	316.7	999.9	99.9	999.9	65.7	72.
31.3	89.0	9327.0	287.0	-51.4	99.9	247.0	79.5*	73.2	31.6	317.0	999.9	99.9	999.9	68.7	72.
31.8	90.0	9464.3	281.0	-51.4	99.9	246.2	76.1*	69.6	30.8	318.9	999.9	99.9	999.9	71.6	72.
32.2	91.0	9581.0	276.0	-50.9	99.9	244.2	64.5*	58.0	28.1	321.2	999.9	99.9	999.9	73.2	72.
32.6	92.0	9699.8	271.0	-51.8	99.9	241.3	52.9*	46.4	25.4	321.5	999.9	99.9	999.9	74.6	71.
33.1	93.0	9820.2	266.0	-53.1	99.9	239.6	51.1*	44.1	25.8	321.4	999.9	99.9	999.9	75.5	71.
33.6	94.0	9967.0	260.0	-53.7	99.9	241.4	63.8*	56.0	30.6	322.6	999.9	99.9	999.9	76.8	71.
34.0	95.0	10091.7	255.0	-54.2	99.9	242.7	76.6*	68.0	35.2	323.7	999.9	99.9	999.9	78.5	71.
34.6	96.0	10270.4	248.0	-53.7	99.9	241.4	76.1*	66.8	36.4	327.0	999.9	99.9	999.9	82.3	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
515 GMT

153 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.1	97.0	10401.2	243.0	-54.2	99.9	239.2	65.7*	56.4	33.6	328.2	999.9	99.9	999.9	84.2	70.
35.6	98.0	10534.3	238.0	-54.8	99.9	237.9	55.6*	47.1	29.5	329.1	999.9	99.9	999.9	85.5	70.
36.0	99.0	10670.1	233.0	-54.8	99.9	237.7	47.8*	40.4	25.5	331.2	999.9	99.9	999.9	87.5	70.
36.5	100.0	10808.9	228.0	-54.7	99.9	239.5	43.4*	37.4	22.0	333.5	999.9	99.9	999.9	88.5	70.
37.1	101.0	10950.7	223.0	-54.8	99.9	244.5	54.1*	48.8	23.2	335.3	999.9	99.9	999.9	89.0	69.
37.5	102.0	11095.8	218.0	-54.5	99.9	247.0	60.8*	56.0	23.3	338.0	999.9	99.9	999.9	92.1	69.
38.0	103.0	11244.4	213.0	-54.7	99.9	249.3	59.5*	55.6	21.7	340.0	999.9	99.9	999.9	93.2	69.
38.4	104.0	11365.7	209.0	-54.5	99.9	250.7	59.3*	56.0	19.7	342.1	999.9	99.9	999.9	94.2	69.
38.8	105.0	11521.1	204.0	-53.7	99.9	251.0	61.8*	58.4	20.1	345.8	999.9	99.9	999.9	96.1	69.
39.3	106.0	11648.4	200.0	-53.4	99.9	250.5	67.3*	63.4	22.4	348.2	999.9	99.9	999.9	97.8	69.
39.8	107.0	11811.3	195.0	-53.7	99.9	249.8	74.2**	69.6	25.7	350.2	999.9	99.9	999.9	99.8	69.
40.3	108.0	11944.1	191.0	-55.2	99.9	249.0	76.4**	71.3	27.4	350.0	999.9	99.9	999.9	102.4	69.
40.8	109.0	12078.9	187.0	-56.0	99.9	247.5	69.2**	64.0	26.4	350.8	999.9	99.9	999.9	104.9	69.
41.3	110.0	12216.2	183.0	-56.8	99.9	245.4	59.3**	53.9	24.7	351.6	999.9	99.9	999.9	106.7	69.
42.0	111.0	12427.8	177.0	-56.2	99.9	243.4	50.1**	44.8	22.4	356.1	999.9	99.9	999.9	108.4	69.
42.5	112.0	12573.0	173.0	-56.3	99.9	243.1	40.5**	36.1	18.4	358.1	999.9	99.9	999.9	111.2	69.
43.0	113.0	12721.4	169.0	-57.0	99.9	242.3	37.4**	33.1	17.4	359.4	999.9	99.9	999.9	110.8	69.
43.5	114.0	12834.6	166.0	-57.5	99.9	242.2	48.3**	42.7	22.5	360.4	999.9	99.9	999.9	111.7	69.
44.0	115.0	12988.8	162.0	-57.3	99.9	241.8	56.9**	50.1	26.3	363.2	999.9	99.9	999.9	114.6	69.
44.7	116.0	13186.7	157.0	-57.8	99.9	242.8	55.4**	49.3	25.3	365.6	999.9	99.9	999.9	116.3	69.
45.2	117.0	13349.5	153.0	-57.8	99.9	244.5	47.3**	42.7	20.4	368.4	999.9	99.9	999.9	118.3	69.
45.7	118.0	13516.1	149.0	-59.1	99.9	246.0	40.8**	37.3	16.5	369.1	999.9	99.9	999.9	120.0	69.
46.2	119.0	13686.5	145.0	-59.8	99.9	248.0	55.9**	51.8	20.9	370.7	999.9	99.9	999.9	119.5	69.
46.8	120.0	13816.8	142.0	-60.8	99.9	249.6	84.8**	79.5	29.5	371.1	999.9	99.9	999.9	122.9	69.
47.4	121.0	13994.1	138.0	-61.7	99.9	250.7	61.6**	58.1	20.4	372.5	999.9	99.9	999.9	127.9	69.
48.0	122.0	14130.3	135.0	-61.6	99.9	251.9	4.0**	3.8	1.2	375.2	999.9	99.9	999.9	127.6	69.
48.7	123.0	14269.6	132.0	-61.6	99.9	76.6	4.2**	-4.0	-1.0	377.6	999.9	99.9	999.9	126.7	69.
49.2	124.0	14460.0	128.0	-62.3	99.9	249.8	21.5**	20.1	7.4	379.6	999.9	99.9	999.9	126.1	69.
49.8	125.0	14606.5	125.0	-62.1	99.9	249.0	47.0**	43.9	16.8	382.5	999.9	99.9	999.9	128.6	69.
50.4	126.0	14807.4	121.0	-62.3	99.9	246.4	48.6**	44.5	19.4	385.8	999.9	99.9	999.9	130.9	69.
51.0	127.0	14962.5	118.0	-62.3	99.9	243.7	43.8**	39.3	19.4	388.5	999.9	99.9	999.9	132.5	69.
51.5	128.0	15175.1	114.0	-63.1	99.9	243.7	54.1**	48.5	23.9	391.0	999.9	99.9	999.9	132.4	69.
52.1	129.0	15339.1	111.0	-63.4	99.9	245.5	55.8**	50.8	23.1	393.3	999.9	99.9	999.9	136.0	69.
52.7	130.0	15507.8	108.0	-62.5	99.9	249.9	35.0**	32.8	12.0	398.1	999.9	99.9	999.9	138.2	69.
53.5	131.0	15740.7	104.0	-62.3	99.9	250.3	42.1**	39.6	14.2	402.8	999.9	99.9	999.9	136.9	69.
54.2	132.0	15921.4	101.0	-62.7	99.9	249.6	52.4**	49.1	18.3	405.5	999.9	99.9	999.9	141.5	69.
54.8	133.0	16107.3	98.0	-62.5	99.9	253.0	41.1**	39.3	12.0	409.4	999.9	99.9	999.9	143.0	69.
55.4	134.0	16298.7	95.0	-63.6	99.9	256.5	37.2**	36.1	8.7	410.8	999.9	99.9	999.9	143.7	69.
56.1	135.0	16495.1	92.0	-64.6	99.9	255.1	48.5**	46.8	12.5	412.7	999.9	99.9	999.9	145.3	69.
56.9	136.0	16697.1	89.0	-65.8	99.9	255.3	30.2**	29.2	7.7	414.2	999.9	99.9	999.9	148.7	69.
57.7	137.0	16976.1	85.0	-66.2	99.9	266.0	18.8**	18.8	1.3	418.9	999.9	99.9	999.9	148.6	69.
58.6	138.0	17193.9	82.0	-66.2	99.9	255.7	55.0**	53.3	13.0	423.2	999.9	99.9	999.9	149.2	69.
59.4	139.0	17420.1	79.0	-65.8	99.9	250.7	36.8**	34.7	12.1	428.6	999.9	99.9	999.9	154.4	69.
60.4	140.0	17656.8	76.0	-63.1	99.9	237.7	18.8**	15.9	10.1	439.1	999.9	99.9	999.9	154.2	69.
61.2	141.0	17904.3	73.0	-63.6	99.9	245.5	39.3**	35.7	16.3	442.9	999.9	99.9	999.9	155.4	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
515 GMT

153 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.9	142.0	18249.7	69.0	-64.2	99.9	248.2	49.9**	46.4	18.5	448.9	999.9	99.9	999.9	158.3	69.
62.8	143.0	18521.5	66.0	-64.6	99.9	245.6	36.8**	33.6	15.2	453.8	999.9	99.9	999.9	159.6	69.
63.8	144.0	18804.3	63.0	-66.6	99.9	248.4	13.3**	12.3	4.0	455.4	999.9	99.9	999.9	163.1	69.
65.2	145.0	19099.3	60.0	-66.8	99.9	258.8	34.0**	33.3	6.6	461.4	999.9	99.9	999.9	163.3	69.
66.4	146.0	19410.2	57.0	-65.6	99.9	264.0	31.6**	31.4	3.3	471.0	999.9	99.9	999.9	165.7	69.
67.3	147.0	19739.3	54.0	-65.2	99.9	263.2	20.5**	20.4	2.4	479.2	999.9	99.9	999.9	166.8	69.
68.2	148.0	20085.7	51.0	-67.2	99.9	288.7	12.0**	11.4	-3.9	482.3	999.9	99.9	999.9	168.5	69.
69.3	149.0	20450.5	48.0	-68.3	99.9	281.0	14.9**	14.6	-2.3	488.2	999.9	99.9	999.9	168.1	70.
70.6	150.0	20839.3	45.0	-66.6	99.9	255.6	44.6*	43.2	11.1	501.4	999.9	99.9	999.9	170.1	70.
72.0	151.0	21258.6	42.0	-64.8	99.9	38.3	7.2*	-4.4	-5.5	515.9	999.9	99.9	999.9	170.5	70.
73.5	152.0	21711.3	39.0	-64.4	99.9	256.5	31.2*	30.3	7.3	528.0	999.9	99.9	999.9	176.0	70.
75.0	153.0	22033.3	37.0	-64.2	99.9	253.2	30.2*	28.9	8.7	536.5	999.9	99.9	999.9	176.1	70.
76.3	154.0	22550.8	34.0	-64.2	99.9	288.2	7.9*	7.5	-2.5	549.6	999.9	99.9	999.9	177.1	70.
77.7	155.0	23113.5	31.0	-66.2	99.9	255.3	58.5*	56.6	14.8	558.9	999.9	99.9	999.9	180.5	70.
79.5	156.0	23731.7	28.0	-65.4	99.9	260.2	32.1*	31.6	5.5	577.7	999.9	99.9	999.9	185.9	71.
81.2	157.0	24420.7	25.0	-65.8	99.9	261.3	30.6*	30.3	4.5	595.6	999.9	99.9	999.9	187.0	71.
82.9	158.0	25196.4	22.0	-66.2	99.9	275.5	14.4*	14.4	-1.4	616.5	999.9	99.9	999.9	191.8	71.
85.4	159.0	26093.1	19.0	-62.5	99.9	999.9	99.9	99.9	99.9	654.5	999.9	99.9	999.9	999.9	999.

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1115 GMT

157 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	85.0	994.8	1.6	1.6	190.0	3.6	0.6	3.5	275.7	286.7	4.3	100.0	0.0	0.
0.4	8.0	172.9	984.0	0.6	0.6	206.3	7.6	3.4	6.8	275.6	285.9	4.1	102.8	0.1	22.
0.7	9.0	254.9	974.0	-0.0	-0.0	216.8	7.4	4.4	5.9	275.7	285.7	3.9	104.2	0.2	24.
0.9	10.0	346.0	963.0	-0.2	-0.9	227.4	7.4	5.4	5.0	276.4	286.0	3.7	94.8	0.3	25.
1.3	11.0	447.3	951.0	4.1	2.4	245.8	8.7	7.9	3.6	281.9	294.3	4.8	88.6	0.5	40.
1.7	12.0	533.4	941.0	4.3	-0.3	254.6	10.1	9.8	2.7	282.8	293.3	4.0	72.1	0.7	51.
1.9	13.0	629.2	930.0	4.1	-0.8	256.4	10.6	10.3	2.5	283.6	293.9	3.9	70.5	0.8	54.
2.2	14.0	717.0	920.0	3.3	-1.3	262.4	11.8	11.7	1.5	283.6	293.6	3.8	72.1	1.0	59.
2.5	15.0	805.6	910.0	2.8	-1.7	268.7	13.4	13.4	0.3	283.9	293.8	3.7	72.1	1.2	63.
2.8	16.0	922.0	897.0	2.1	-2.4	272.3	14.7	14.7	-0.6	284.4	294.0	3.6	72.2	1.4	69.
3.2	17.0	1012.5	887.0	1.3	-2.6	275.5	15.8	15.7	-1.5	284.5	294.0	3.6	75.3	1.8	74.
3.4	18.0	1103.7	877.0	0.8	-2.2	276.6	16.0	15.9	-1.8	284.9	294.8	3.7	80.1	1.9	76.
3.8	19.0	1195.8	867.0	-0.0	-2.2	278.9	16.1	15.9	-2.5	285.0	295.0	3.8	85.3	2.3	80.
4.1	20.0	1288.8	857.0	-0.6	-2.2	280.7	16.4	16.1	-3.0	285.3	295.4	3.8	88.9	2.6	82.
4.6	21.0	1401.5	845.0	-1.1	-1.7	282.1	18.6	18.2	-3.9	286.0	296.7	4.0	96.1	3.0	85.
4.9	22.0	1496.5	835.0	-1.6	-3.2	280.2	21.0	20.7	-3.7	286.4	296.1	3.6	88.9	3.4	87.
5.2	23.0	1592.5	825.0	-1.6	-5.0	278.2	22.7	22.4	-3.2	287.3	296.0	3.2	77.3	3.8	88.
5.5	24.0	1679.9	816.0	-1.6	-7.7	276.2	24.0	23.8	-2.6	288.1	295.4	2.6	63.1	4.2	89.
5.8	25.0	1778.1	806.0	-1.6	-7.2	276.0	23.9	23.7	-2.5	289.2	296.8	2.8	65.4	4.6	90.
6.2	26.0	1897.5	794.0	-2.1	-9.4	276.0	23.2	23.1	-2.4	289.9	296.5	2.4	57.3	5.2	90.
6.5	27.0	1998.2	784.0	-2.7	-10.4	276.2	22.4	22.2	-2.4	290.2	296.4	2.2	55.1	5.6	91.
6.9	28.0	2089.7	775.0	-3.2	-11.3	274.7	21.7	21.7	-1.8	290.7	296.6	2.1	53.4	6.1	91.
7.2	29.0	2182.0	766.0	-4.1	-11.7	272.9	21.4	21.4	-1.1	290.6	296.4	2.0	55.0	6.5	92.
7.6	30.0	2275.1	757.0	-5.0	-11.2	269.8	21.2	21.2	0.1	290.6	296.7	2.1	61.5	7.0	92.
7.9	31.0	2379.7	747.0	-5.4	-10.7	267.2	21.5	21.5	1.1	291.3	297.7	2.3	66.4	7.4	91.
8.2	32.0	2474.7	738.0	-6.0	-11.7	265.2	22.0	21.9	1.9	291.6	297.6	2.1	64.0	7.8	91.
8.5	33.0	2570.7	729.0	-6.8	-12.4	263.5	22.5	22.4	2.6	291.8	297.6	2.0	64.4	8.2	91.
8.8	34.0	2667.6	720.0	-7.4	-13.5	262.5	22.5	22.3	2.9	292.2	297.5	1.9	61.5	8.6	90.
9.1	35.0	2765.5	711.0	-8.0	-14.6	261.7	22.3	22.1	3.2	292.5	297.5	1.7	58.7	9.0	90.
9.4	36.0	2886.6	700.0	-8.7	-16.5	261.1	21.6	21.3	3.4	293.0	297.4	1.5	53.2	9.5	90.
9.8	37.0	2986.8	691.0	-9.4	-17.1	260.3	21.0	20.7	3.5	293.3	297.5	1.4	53.4	9.9	89.
10.1	38.0	3088.1	682.0	-9.9	-17.8	260.0	21.0	20.7	3.7	293.9	297.9	1.4	51.9	10.2	89.
10.4	39.0	3179.0	674.0	-10.4	-21.7	259.9	21.7	21.4	3.8	294.2	297.2	1.0	38.8	10.6	88.
10.7	40.0	3270.8	666.0	-11.2	-23.4	260.0	22.5	22.2	3.9	294.4	297.0	0.9	35.4	11.0	88.
11.1	41.0	3410.2	654.0	-12.2	-25.4	260.2	23.3	23.0	4.0	294.8	297.0	0.7	32.1	11.6	88.
11.4	42.0	3504.2	646.0	-12.7	-27.1	260.0	23.2	22.8	4.0	295.1	297.1	0.6	28.8	12.1	87.
11.7	43.0	3599.1	638.0	-13.8	-27.8	259.0	22.7	22.3	4.3	294.9	296.8	0.6	29.5	12.5	87.
12.0	44.0	3706.8	629.0	-14.7	-27.5	257.6	22.2	21.6	4.8	295.2	297.1	0.6	32.5	12.8	87.
12.3	45.0	3815.9	620.0	-15.4	-27.8	255.3	22.5	21.7	5.7	295.6	297.5	0.6	33.4	13.2	87.
12.5	46.0	3913.7	612.0	-16.5	-28.4	253.9	22.7	21.8	6.3	295.4	297.3	0.6	34.5	13.5	87.
12.8	47.0	4012.6	604.0	-17.2	-30.0	252.4	24.2	23.1	7.3	295.7	297.4	0.5	31.5	13.8	86.
13.1	48.0	4112.4	596.0	-18.1	-29.4	251.2	26.0	24.6	8.4	295.8	297.5	0.6	36.1	14.2	86.
13.4	49.0	4213.2	588.0	-18.8	-31.9	250.6	28.1	26.5	9.4	296.1	297.5	0.4	30.3	14.8	85.
13.7	50.0	4315.3	580.0	-19.1	-37.3	249.8	30.0	28.2	10.4	296.9	297.8	0.3	18.1	15.3	85.
14.0	51.0	4444.6	570.0	-19.3	-62.2	248.9	31.8	29.7	11.4	298.0	298.1	0.0	1.0	15.7	84.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1115 GMT

157 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.3	52.0	4549.5	562.0	-20.4	-62.9	247.2	32.4	29.9	12.6	298.0	298.0	0.0	1.0	16.4	84.
14.6	53.0	4655.5	554.0	-21.1	-63.3	245.3	32.7	29.7	13.7	298.4	298.5	0.0	1.0	17.0	83.
14.9	54.0	4749.2	547.0	-21.9	-63.9	242.8	32.4	28.9	14.8	298.5	298.6	0.0	1.0	17.6	82.
15.3	55.0	4857.5	539.0	-22.8	-64.5	241.0	32.7	28.6	15.8	298.7	298.7	0.0	1.0	18.3	82.
15.7	56.0	4994.6	529.0	-23.4	-64.8	241.6	33.8	29.7	16.1	299.7	299.7	0.0	1.0	18.9	81.
16.0	57.0	5105.9	521.0	-24.3	-65.4	243.3	35.3	31.5	15.8	299.8	299.9	0.0	1.0	19.4	80.
16.3	58.0	5204.4	514.0	-24.8	-65.8	246.0	36.5	33.4	14.8	300.4	300.4	0.0	1.0	20.1	79.
16.6	59.0	5304.0	507.0	-25.7	-66.4	248.4	37.7	35.0	13.9	300.4	300.5	0.0	1.0	20.9	79.
16.9	60.0	5419.1	499.0	-26.4	-66.8	250.2	38.4	36.2	13.0	301.0	301.0	0.0	1.0	21.6	79.
17.3	61.0	5521.1	492.0	-26.8	-67.1	252.0	40.4	38.4	12.5	301.7	301.7	0.0	1.0	22.4	78.
17.6	62.0	5639.4	484.0	-26.9	-67.2	253.0	42.4	40.6	12.4	303.0	303.0	0.0	1.0	23.1	78.
17.9	63.0	5744.4	477.0	-27.2	-67.3	253.8	45.2	43.4	12.6	303.9	303.9	0.0	1.0	23.9	78.
18.3	64.0	5850.8	470.0	-27.5	-68.4	254.2	49.1	47.3	13.4	304.9	304.9	0.0	2.6	25.1	78.
18.6	65.0	5958.7	463.0	-28.1	-57.7	254.0	51.8	49.8	14.2	305.4	305.5	0.0	4.0	25.9	78.
19.1	66.0	6099.5	454.0	-28.4	-54.8	252.6	54.9	52.4	16.4	306.7	306.9	0.0	5.8	27.6	78.
19.4	67.0	6210.8	447.0	-28.8	-48.3	251.0	56.1	53.0	18.2	307.6	308.0	0.1	13.1	28.7	78.
19.7	68.0	6323.7	440.0	-29.0	-49.6	249.2	57.6	53.8	20.5	308.7	309.0	0.1	11.6	29.6	77.
20.1	69.0	6438.3	433.0	-29.3	-52.1	246.8	60.0	55.1	23.6	309.8	310.0	0.1	8.8	30.8	77.
20.5	70.0	6554.6	426.0	-29.8	-46.6	245.1	62.5	56.7	26.3	310.5	311.0	0.1	17.6	32.5	76.
21.0	71.0	6689.5	418.0	-30.9	-41.9	243.6	62.9	56.4	27.9	310.9	311.7	0.2	32.8	34.4	76.
21.4	72.0	6809.1	411.0	-31.8	-43.7	242.8	62.0*	55.2	28.3	311.2	311.8	0.2	29.3	35.8	75.
21.8	73.0	6912.9	405.0	-32.7	-42.6	242.4	61.5*	54.5	28.4	311.3	312.1	0.2	36.2	37.2	75.
22.2	74.0	7035.4	398.0	-33.7	-43.9	242.3	60.9*	53.9	28.4	311.6	312.3	0.2	34.3	38.6	74.
22.5	75.0	7141.8	392.0	-34.7	-44.0	242.2	60.5*	53.5	28.2	311.6	312.3	0.2	38.0	39.7	74.
22.9	76.0	7267.4	385.0	-35.4	-44.0	242.2	61.0*	53.9	28.4	312.3	313.0	0.2	40.3	41.4	73.
23.2	77.0	7376.6	379.0	-36.6	-44.0	242.3	62.5*	55.3	29.0	312.2	312.9	0.2	45.6	42.2	73.
23.6	78.0	7486.9	373.0	-37.8	-44.1	242.5	65.0*	57.6	30.1	312.0	312.7	0.2	51.4	43.3	73.
24.0	79.0	7617.1	366.0	-39.0	-44.5	242.3	66.9*	59.3	31.1	312.1	312.7	0.2	55.7	45.9	72.
24.3	80.0	7730.3	360.0	-39.8	-46.1	242.8	67.4*	59.9	30.8	312.4	313.0	0.2	50.8	46.5	72.
24.8	81.0	7864.2	353.0	-40.8	99.9	244.8	68.4*	61.9	29.2	313.0	999.9	99.9	999.9	48.4	72.
25.2	82.0	8000.2	346.0	-41.9	99.9	246.7	68.5*	62.9	27.1	313.3	999.9	99.9	999.9	50.2	71.
25.6	83.0	8118.5	340.0	-42.9	99.9	248.0	67.1*	62.3	25.1	313.5	999.9	99.9	999.9	51.9	72.
26.0	84.0	8238.4	334.0	-43.7	99.9	247.9	64.2*	59.5	24.1	314.0	999.9	99.9	999.9	53.6	71.
26.4	85.0	8339.5	329.0	-44.8	99.9	247.3	63.3*	58.4	24.4	313.8	999.9	99.9	999.9	54.8	71.
26.9	86.0	8443.1	322.0	-45.6	99.9	246.6	65.2*	59.9	25.9	314.7	999.9	99.9	999.9	56.8	71.
27.4	87.0	8608.2	316.0	-46.4	99.9	245.8	68.6*	62.6	28.2	315.2	999.9	99.9	999.9	58.6	71.
27.7	88.0	8735.4	310.0	-46.8	99.9	245.1	68.9*	62.5	29.0	316.4	999.9	99.9	999.9	60.0	71.
28.1	89.0	8864.9	304.0	-47.0	99.9	244.0	67.0*	60.2	29.4	317.9	999.9	99.9	999.9	61.9	71.
28.5	90.0	8974.6	299.0	-47.9	99.9	242.5	61.5*	54.6	28.4	318.2	999.9	99.9	999.9	63.3	70.
28.8	91.0	9085.6	294.0	-48.8	99.9	242.1	60.2*	53.2	28.2	318.5	999.9	99.9	999.9	64.5	70.
29.2	92.0	9220.8	288.0	-49.9	99.9	242.3	63.1*	55.9	29.4	318.7	999.9	99.9	999.9	65.5	70.
29.5	93.0	9335.1	283.0	-50.9	99.9	243.0	68.9*	61.4	31.3	319.0	999.9	99.9	999.9	65.8	70.
29.9	94.0	9450.9	278.0	-51.9	99.9	243.7	77.2*	69.2	34.2	319.0	999.9	99.9	999.9	58.7	70.
30.2	95.0	9591.8	272.0	-53.3	99.9	243.8	79.4*	71.2	35.1	319.0	999.9	99.9	999.9	70.3	70.
30.7	96.0	9735.0	266.0	-54.6	99.9	243.2	76.2*	68.0	34.4	319.2	999.9	99.9	999.9	72.4	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1115 GMT

157 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.3	52.0	4549.5	562.0	-20.4	-62.9	247.2	32.4	29.9	12.6	298.0	298.0	0.0	1.0	16.4	84.
14.6	53.0	4655.5	554.0	-21.1	-63.3	245.3	32.7	29.7	13.7	298.4	298.5	0.0	1.0	17.0	83.
14.9	54.0	4749.2	547.0	-21.9	-63.9	242.8	32.4	28.9	14.8	298.5	298.6	0.0	1.0	17.6	82.
15.3	55.0	4857.5	539.0	-22.8	-64.5	241.0	32.7	28.6	15.8	298.7	298.7	0.0	1.0	18.3	82.
15.7	56.0	4994.6	529.0	-23.4	-64.8	241.6	33.8	29.7	16.1	299.7	299.7	0.0	1.0	18.9	81.
16.0	57.0	5105.9	521.0	-24.3	-65.4	243.3	35.3	31.5	15.8	299.8	299.9	0.0	1.0	19.4	80.
16.3	58.0	5204.4	514.0	-24.8	-65.8	246.0	36.5	33.4	14.8	300.4	300.4	0.0	1.0	20.1	79.
16.6	59.0	5304.0	507.0	-25.7	-66.4	248.4	37.7	35.0	13.9	300.4	300.5	0.0	1.0	20.9	79.
16.9	60.0	5419.1	499.0	-26.4	-66.8	250.2	38.4	36.2	13.0	301.0	301.0	0.0	1.0	21.6	79.
17.3	61.0	5521.1	492.0	-26.8	-67.1	252.0	40.4	38.4	12.5	301.7	301.7	0.0	1.0	22.4	78.
17.6	62.0	5639.4	484.0	-26.9	-67.2	253.0	42.4	40.6	12.4	303.0	303.0	0.0	1.0	23.1	78.
17.9	63.0	5744.4	477.0	-27.2	-67.3	253.8	45.2	43.4	12.6	303.9	303.9	0.0	1.0	23.9	78.
18.3	64.0	5850.8	470.0	-27.5	-68.4	254.2	49.1	47.3	13.4	304.9	304.9	0.0	2.6	25.1	78.
18.6	65.0	5958.7	463.0	-28.1	-57.7	254.0	51.8	49.8	14.2	305.4	305.5	0.0	4.0	25.9	78.
19.1	66.0	6099.5	454.0	-28.4	-54.8	252.6	54.9	52.4	16.4	306.9	306.9	0.0	5.8	27.6	78.
19.4	67.0	6210.8	447.0	-28.8	-48.3	251.0	56.1	53.0	18.2	307.6	308.0	0.1	13.1	28.7	78.
19.7	68.0	6323.7	440.0	-29.0	-49.6	249.2	57.6	53.8	20.5	308.7	309.0	0.1	11.6	29.6	77.
20.1	69.0	6438.3	433.0	-29.3	-52.1	246.8	60.0	55.1	23.6	309.8	310.0	0.1	8.8	30.8	77.
20.5	70.0	6554.6	426.0	-29.8	-46.6	245.1	62.5	56.7	26.3	310.5	311.0	0.1	17.6	32.5	76.
21.0	71.0	6689.5	418.0	-30.9	-41.9	243.6	62.9	56.4	27.9	310.9	311.7	0.2	32.8	34.4	76.
21.4	72.0	6809.1	411.0	-31.8	-43.7	242.8	62.0*	55.2	28.3	311.2	311.8	0.2	29.3	35.8	75.
21.8	73.0	6912.9	405.0	-32.7	-42.6	242.4	61.5*	54.5	28.4	311.3	312.1	0.2	36.2	37.2	75.
22.2	74.0	7035.4	398.0	-33.7	-43.9	242.3	60.9*	53.9	28.4	311.6	312.3	0.2	34.3	38.6	74.
22.5	75.0	7141.8	392.0	-34.7	-44.0	242.2	60.5*	53.5	28.2	311.6	312.3	0.2	38.0	39.7	74.
22.9	76.0	7267.4	385.0	-35.4	-44.0	242.2	61.0*	53.9	28.4	312.3	313.0	0.2	40.3	41.4	73.
23.2	77.0	7376.6	379.0	-36.6	-44.0	242.3	62.5*	55.3	29.0	312.2	312.9	0.2	45.6	42.2	73.
23.6	78.0	7486.9	373.0	-37.8	-44.1	242.5	65.0*	57.6	30.1	312.0	312.7	0.2	51.4	43.3	73.
24.0	79.0	7617.1	366.0	-39.0	-44.5	242.3	66.9*	59.3	31.1	312.1	312.7	0.2	55.7	45.9	72.
24.3	80.0	7730.3	360.0	-39.8	-46.1	242.8	67.4*	59.9	30.8	312.4	313.0	0.2	50.8	46.5	72.
24.8	81.0	7864.2	353.0	-40.8	99.9	244.8	68.4*	61.9	29.2	313.0	999.9	99.9	999.9	48.4	72.
25.2	82.0	8000.2	346.0	-41.9	99.9	246.7	68.5*	62.9	27.1	313.3	999.9	99.9	999.9	50.2	71.
25.6	83.0	8118.5	340.0	-42.9	99.9	248.0	67.1*	62.3	25.1	313.5	999.9	99.9	999.9	51.9	72.
26.0	84.0	8238.4	334.0	-43.7	99.9	247.9	64.2*	59.5	24.1	314.0	999.9	99.9	999.9	53.6	71.
26.4	85.0	8339.5	329.0	-44.8	99.9	247.3	63.3*	58.4	24.4	313.8	999.9	99.9	999.9	54.8	71.
26.9	86.0	8443.1	322.0	-45.6	99.9	246.6	65.2*	59.9	25.9	314.7	999.9	99.9	999.9	56.8	71.
27.4	87.0	8608.2	316.0	-46.4	99.9	245.8	68.6*	62.6	28.2	315.2	999.9	99.9	999.9	58.6	71.
27.7	88.0	8735.4	310.0	-46.8	99.9	245.1	68.9*	62.5	29.0	316.4	999.9	99.9	999.9	60.0	71.
28.1	89.0	8864.9	304.0	-47.0	99.9	244.0	67.0*	60.2	29.4	317.9	999.9	99.9	999.9	61.9	71.
28.5	90.0	8974.6	299.0	-47.9	99.9	242.5	61.5*	54.6	28.4	318.2	999.9	99.9	999.9	63.3	70.
28.8	91.0	9085.6	294.0	-48.8	99.9	242.1	60.2*	53.2	28.2	318.5	999.9	99.9	999.9	64.5	70.
29.2	92.0	9220.8	288.0	-49.9	99.9	242.3	63.1*	55.9	29.4	318.7	999.9	99.9	999.9	65.5	70.
29.5	93.0	9335.1	283.0	-50.9	99.9	243.0	68.9*	61.4	31.3	319.0	999.9	99.9	999.9	65.8	70.
29.9	94.0	9450.9	278.0	-51.9	99.9	243.7	77.2*	69.2	34.2	319.0	999.9	99.9	999.9	68.7	70.
30.2	95.0	9591.8	272.0	-53.3	99.9	243.8	79.4*	71.2	35.1	319.0	999.9	99.9	999.9	70.3	70.
30.7	96.0	9735.0	266.0	-54.6	99.9	243.2	76.2*	68.0	34.4	319.2	999.9	99.9	999.9	72.4	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1115 GMT

157 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
31.1	97.0	9856.3	261.0	-55.3	99.9	242.0	68.9*	60.9	32.3	320.0	999.9	99.9	999.9	74.2	69.
31.5	98.0	9979.4	256.0	-56.4	99.9	240.2	59.8*	51.9	29.7	320.1	999.9	99.9	999.9	76.7	69.
31.9	99.0	10104.6	251.0	-56.7	99.9	239.7	59.8*	51.6	30.2	321.4	999.9	99.9	999.9	76.8	69.
32.4	100.0	10232.2	246.0	-56.4	99.9	241.5	73.0*	64.2	34.7	323.7	999.9	99.9	999.9	78.4	69.
33.0	101.0	10389.6	240.0	-54.8	99.9	243.8	86.9*	78.0	38.3	328.5	999.9	99.9	999.9	81.8	69.
33.4	102.0	10524.4	235.0	-54.1	99.9	243.8	77.1*	69.2	34.0	331.4	999.9	99.9	999.9	84.6	68.
33.9	103.0	10662.5	230.0	-54.0	99.9	242.1	58.7*	51.8	27.5	333.7	999.9	99.9	999.9	86.2	68.
34.3	104.0	10803.8	225.0	-53.3	99.9	239.8	49.3*	42.6	24.8	336.8	999.9	99.9	999.9	87.2	68.
34.7	105.0	10919.1	221.0	-54.0	99.9	239.2	47.5*	40.8	24.3	337.5	999.9	99.9	999.9	88.3	68.
35.1	106.0	11065.7	216.0	-54.8	99.9	241.7	52.6*	46.1	25.4	338.5	999.9	99.9	999.9	89.3	68.
35.5	107.0	11185.5	212.0	-54.0	99.9	244.7	62.1*	56.2	26.6	341.6	999.9	99.9	999.9	90.2	68.
35.9	108.0	11339.4	207.0	-52.2	99.9	247.9	68.8*	63.8	25.9	346.6	999.9	99.9	999.9	92.3	68.
36.4	109.0	11465.6	203.0	-52.4	99.9	250.4	68.9*	65.0	23.1	348.3	999.9	99.9	999.9	94.8	68.
36.8	110.0	11626.6	198.0	-53.0	99.9	251.6	63.5*	60.3	20.0	349.8	999.9	99.9	999.9	96.1	68.
37.3	111.0	11791.8	193.0	-52.4	99.9	252.7	56.9*	54.3	17.0	353.4	999.9	99.9	999.9	98.3	68.
37.8	112.0	11927.1	189.0	-52.5	99.9	252.5	55.5*	52.9	16.7	355.3	999.9	99.9	999.9	99.1	68.
38.3	113.0	12065.4	185.0	-52.4	99.9	250.9	56.3*	53.2	16.5	357.7	999.9	99.9	999.9	101.4	68.
38.8	114.0	12242.5	180.0	-52.5	99.9	249.1	55.7*	52.0	15.9	360.3	999.9	99.9	999.9	102.9	68.
39.3	115.0	12387.4	176.0	-53.6	99.9	247.6	57.7*	53.4	22.0	360.8	999.9	99.9	999.9	104.5	68.
39.9	116.0	12572.8	171.0	-53.3	99.9	245.9	68.4**	62.4	28.0	364.3	999.9	99.9	999.9	106.4	68.
40.4	117.0	12686.6	168.0	-54.0	99.9	244.7	76.6**	69.2	32.8	365.1	999.9	99.9	999.9	108.7	68.
40.8	118.0	12840.9	164.0	-55.1	99.9	244.0	74.3**	66.8	32.6	365.7	999.9	99.9	999.9	111.2	68.
41.2	119.0	12998.7	160.0	-54.9	99.9	243.4	65.7**	58.7	27.4	368.6	999.9	99.9	999.9	113.0	68.
41.7	120.0	13160.1	156.0	-56.2	99.9	242.4	51.6**	45.7	23.9	369.0	999.9	99.9	999.9	114.5	68.
42.1	121.0	13324.9	152.0	-56.7	99.9	241.6	42.7**	37.5	20.3	370.9	999.9	99.9	999.9	115.6	68.
42.7	122.0	13451.3	149.0	-56.7	99.9	241.9	38.4**	33.9	18.1	373.1	999.9	99.9	999.9	116.9	68.
43.1	123.0	13623.6	145.0	-57.2	99.9	242.8	42.2**	37.6	19.3	375.1	999.9	99.9	999.9	117.7	68.
43.7	124.0	13800.6	141.0	-57.1	99.9	243.1	50.0**	44.6	22.7	378.4	999.9	99.9	999.9	119.2	68.
44.2	125.0	13936.6	138.0	-57.2	99.9	241.6	47.9**	42.1	22.8	380.4	999.9	99.9	999.9	121.7	68.
45.0	126.0	14169.6	133.0	-58.1	99.9	240.8	47.9**	41.8	23.4	383.0	999.9	99.9	999.9	122.5	67.
45.6	127.0	14313.6	130.0	-57.2	99.9	243.8	43.9**	39.4	19.4	387.0	999.9	99.9	999.9	125.4	67.
46.1	128.0	14461.4	127.0	-56.7	99.9	247.2	38.6**	35.6	15.0	390.5	999.9	99.9	999.9	126.2	67.
46.7	129.0	14612.9	124.0	-56.9	99.9	247.4	47.1**	43.4	16.1	392.9	999.9	99.9	999.9	126.9	67.
47.2	130.0	14820.2	120.0	-57.7	99.9	245.0	52.0**	47.1	22.0	395.0	999.9	99.9	999.9	129.4	67.
47.9	131.0	15033.9	116.0	-58.1	99.9	243.2	46.5**	41.5	2.0	398.3	999.9	99.9	999.9	131.2	67.
48.5	132.0	15198.8	113.0	-58.4	99.9	245.7	50.7**	46.2	27.9	400.6	999.9	99.9	999.9	132.5	67.
49.0	133.0	15367.5	110.0	-60.0	99.9	247.0	51.6**	47.5	27.1	400.8	999.9	99.9	999.9	133.9	67.
49.5	134.0	15598.1	106.0	-61.1	99.9	247.3	35.8**	33.0	13.8	403.0	999.9	99.9	999.9	137.7	67.
50.0	135.0	15776.1	103.0	-62.0	99.9	247.3	17.7**	16.3	6.8	404.6	999.9	99.9	999.9	135.3	67.
50.6	136.0	15958.5	100.0	-63.1	99.9	247.3	12.0**	11.1	4.6	405.8	999.9	99.9	999.9	137.9	67.
51.4	137.0	16209.4	96.0	-63.5	99.9	247.3	19.7**	18.2	7.6	409.9	999.9	99.9	999.9	138.2	67.
52.3	138.0	16405.1	93.0	-62.0	99.9	247.2	58.7**	54.1	27.8	416.5	999.9	99.9	999.9	138.4	67.
53.1	139.0	16677.0	89.0	-62.0	99.9	246.0	68.6**	62.7	27.9	421.8	999.9	99.9	999.9	144.3	67.
53.9	140.0	16888.8	86.0	-62.5	99.9	238.3	17.0**	14.5	8.9	424.9	999.9	99.9	999.9	146.1	67.
54.5	141.0	17182.3	82.0	-63.1	99.9	240.5	11.2**	9.8	5.5	429.5	999.9	99.9	999.9	144.2	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1115 GMT

157 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
55.1	142.0	17411.1	79.0	-64.1	99.9	246.9	45.4**	41.7	17.8	432.2	999.9	99.9	999.9	146.0	67.
55.8	143.0	17647.2	76.0	-65.8	99.9	246.3	57.9**	53.0	23.3	433.3	999.9	99.9	999.9	149.2	67.
56.4	144.0	17976.5	72.0	-64.6	99.9	241.9	24.3**	21.5	11.5	442.5	999.9	99.9	999.9	152.2	67.
57.2	145.0	18236.5	69.0	-64.4	99.9	244.1	5.3**	4.8	2.3	448.4	999.9	99.9	999.9	150.2	67.
58.3	146.0	18508.3	66.0	-64.4	99.9	260.1	12.3*	12.1	2.1	454.1	999.9	99.9	999.9	152.4	67.
59.2	147.0	18794.0	63.0	-62.5	99.9	260.6	13.2*	13.1	2.1	464.4	999.9	99.9	999.9	151.7	67.
60.0	148.0	19094.2	60.0	-63.7	99.9	254.1	25.5*	24.5	7.0	468.4	999.9	99.9	999.9	154.7	67.
60.8	149.0	19408.3	57.0	-64.4	99.9	259.4	25.9*	25.5	8.8	473.6	999.9	99.9	999.9	153.7	67.
61.7	150.0	19738.6	54.0	-64.8	99.9	256.3	39.0*	37.8	9.2	480.0	999.9	99.9	999.9	156.5	67.
62.8	151.0	20088.2	51.0	-63.9	99.9	260.4	23.4*	23.1	3.9	490.2	999.9	99.9	999.9	158.7	68.
63.9	152.0	20460.3	48.0	-63.3	99.9	254.1	38.1*	36.7	10.4	500.2	999.9	99.9	999.9	158.9	68.
64.9	153.0	20856.0	45.0	-64.4	99.9	251.2	54.9*	52.0	17.6	506.7	999.9	99.9	999.9	163.3	68.
66.0	154.0	21278.0	42.0	-64.2	99.9	252.3	23.7*	22.6	7.2	517.3	999.9	99.9	999.9	166.3	68.
67.2	155.0	21732.3	39.0	-63.5	99.9	264.7	8.0*	8.0	0.7	530.3	999.9	99.9	999.9	165.4	68.
68.6	156.0	22223.0	36.0	-64.2	99.9	253.3	41.4*	39.6	12.1	540.6	999.9	99.9	999.9	168.8	68.
69.8	157.0	22753.4	33.0	-65.8	99.9	279.0	12.7*	12.6	-2.0	550.0	999.9	99.9	999.9	171.2	68.
71.1	158.0	23330.5	30.0	-67.0	99.9	263.5	26.1*	25.9	2.9	561.9	999.9	99.9	999.9	172.2	68.
72.6	159.0	23968.8	27.0	-65.6	99.9	259.0	48.8*	47.9	9.3	583.1	999.9	99.9	999.9	174.4	69.
74.2	160.0	24689.4	24.0	-62.9	99.9	297.6	9.3*	8.2	-4.3	610.9	999.9	99.9	999.9	177.5	69.
75.7	161.0	25513.6	21.0	-62.0	99.9	254.5	72.6*	70.0	19.4	637.5	999.9	99.9	999.9	182.3	69.
77.9	162.0	26470.4	18.0	-60.5	99.9	254.8	56.8	54.8	14.9	670.8	999.9	99.9	999.9	186.5	69.
79.7	163.0	27608.7	15.0	-59.5	99.9	999.9	99.9	99.9	99.9	710.3	999.9	99.9	999.9	999.9	999.

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1415 GMT

157 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	85.0	995.1	2.0	2.0	190.0	5.1	0.9	5.0	276.1	287.4	4.5	100.0	0.0	0.
0.2	7.0	142.8	988.0	1.1	1.0	216.2	7.0	4.2	5.7	275.7	286.3	4.2	99.5	0.1	13.
0.6	8.0	224.6	978.0	0.6	0.6	219.9	7.2	4.6	5.5	276.0	286.4	4.1	101.9	0.2	18.
0.9	9.0	315.4	967.0	0.1	0.1	230.4	7.7	5.9	4.9	276.4	286.6	4.0	101.9	0.3	26.
1.2	10.0	399.5	957.0	4.2	-0.8	242.4	8.6	7.6	4.0	281.4	291.2	3.8	69.7	0.4	37.
1.6	11.0	502.2	945.0	4.4	-2.9	255.3	10.4	10.1	2.7	282.5	291.2	3.3	58.9	0.6	48.
2.0	12.0	597.6	934.0	4.2	-3.4	263.1	12.1	12.0	1.4	283.2	291.8	3.2	57.5	0.9	57.
2.4	13.0	685.2	924.0	4.2	-3.4	268.1	13.7	13.6	0.4	284.1	292.8	3.2	57.7	1.2	65.
2.7	14.0	773.9	914.0	4.9	-2.5	270.5	13.9	13.9	-0.1	285.7	295.1	3.5	58.8	1.4	69.
3.1	15.0	872.5	903.0	4.0	-2.7	272.8	13.6	13.6	-0.7	285.8	295.2	3.5	61.2	1.7	74.
3.7	16.0	981.2	891.0	3.2	-2.9	274.5	14.4	14.4	-1.1	286.1	295.4	3.5	64.2	2.2	78.
4.0	17.0	1072.6	881.0	2.2	-3.0	275.0	15.5	15.4	-1.3	286.0	295.3	3.5	68.2	2.4	80.
4.3	18.0	1164.8	871.0	1.7	-2.6	276.1	16.1	16.0	-1.7	286.4	296.2	3.6	72.9	2.7	81.
4.7	19.0	1257.8	861.0	0.4	-2.8	277.1	17.2	17.1	-2.1	286.0	295.7	3.6	78.6	3.1	83.
5.0	20.0	1351.5	851.0	-0.0	-5.0	277.4	18.2	18.0	-2.4	286.4	294.8	3.1	69.0	3.4	85.
5.4	21.0	1465.3	839.0	-0.0	-6.2	276.5	20.2	20.0	-2.3	287.5	295.4	2.9	63.0	3.8	86.
5.8	22.0	1561.3	829.0	-0.4	-7.8	277.1	21.7	21.5	-2.7	288.1	295.2	2.6	57.0	4.4	87.
6.1	23.0	1658.4	819.0	-0.5	-9.4	277.9	22.8	22.6	-3.1	288.9	295.4	2.3	51.1	4.7	88.
6.4	24.0	1746.7	810.0	-0.8	-10.7	278.7	24.1	23.8	-3.7	289.5	295.4	2.1	47.0	5.2	89.
6.7	25.0	1845.8	800.0	-1.6	-12.0	278.3	25.5	25.2	-3.7	289.7	295.1	1.9	45.0	5.6	90.
7.1	26.0	1965.9	788.0	-2.6	-13.4	277.1	26.4	26.2	-3.3	289.9	294.8	1.7	43.1	6.2	91.
7.4	27.0	2057.0	779.0	-2.9	-15.0	276.1	24.8	24.7	-2.6	290.5	294.9	1.5	38.6	6.7	91.
7.8	28.0	2159.3	769.0	-3.2	-15.8	273.6	23.6	23.5	-1.5	291.2	295.4	1.5	37.0	7.3	91.
8.1	29.0	2252.3	760.0	-4.1	-16.6	271.1	23.1	23.1	-0.5	291.2	295.2	1.4	37.0	7.7	92.
8.5	30.0	2346.2	751.0	-4.5	-16.4	266.8	23.2	23.1	1.3	291.7	295.8	1.4	38.8	8.2	92.
8.9	31.0	2451.5	741.0	-5.6	-16.5	262.6	23.7	23.5	3.0	291.7	295.8	1.4	41.6	8.8	91.
9.1	32.0	2547.3	732.0	-6.2	-16.9	260.9	24.0	23.7	3.8	292.0	296.1	1.4	42.2	9.1	91.
9.6	33.0	2644.0	723.0	-6.9	-17.3	257.5	24.4	23.8	5.3	292.2	296.2	1.4	43.2	9.8	90.
9.9	34.0	2741.6	714.0	-7.7	-17.5	255.9	24.5	23.8	6.0	292.5	296.4	1.3	45.0	10.2	89.
10.2	35.0	2840.2	705.0	-8.3	-17.0	254.6	24.6	23.7	6.5	292.9	297.1	1.4	49.3	10.6	89.
10.7	36.0	2962.0	694.0	-9.6	-17.6	253.1	24.8	23.7	7.2	292.8	296.8	1.4	51.7	11.3	88.
11.0	37.0	3062.7	685.0	-10.3	-17.5	252.6	24.8	23.7	7.4	293.1	297.2	1.4	55.2	11.8	87.
11.3	38.0	3164.5	676.0	-11.2	-18.9	252.6	24.9	23.7	7.4	293.2	296.9	1.3	52.4	12.2	86.
11.7	39.0	3255.8	668.0	-11.9	-19.0	252.7	24.8	23.7	7.4	293.4	297.1	1.3	55.0	12.8	86.
12.1	40.0	3359.4	659.0	-13.0	-19.6	253.0	24.6	23.5	7.2	293.2	296.9	1.2	57.3	13.4	85.
12.6	41.0	3487.6	648.0	-13.8	-20.2	252.9	24.1	23.0	7.1	293.7	297.2	1.2	58.5	14.1	85.
12.9	42.0	3581.8	640.0	-14.9	-20.6	252.4	23.8	22.7	7.2	293.5	296.9	1.1	61.6	14.5	84.
13.2	43.0	3688.8	631.0	-15.8	-20.8	251.5	23.8	22.6	7.5	293.7	297.1	1.1	65.0	14.9	84.
13.7	44.0	3785.0	623.0	-16.2	-23.4	249.5	24.4	22.9	8.6	294.3	297.1	0.9	53.5	15.6	83.
14.0	45.0	3882.2	615.0	-17.1	-26.0	248.2	25.1	23.3	9.3	294.3	296.5	0.7	45.7	15.9	83.
14.4	46.0	3980.2	607.0	-17.8	-27.5	246.5	25.4	23.3	10.1	294.6	296.6	0.7	42.4	16.7	82.
14.8	47.0	4079.4	599.0	-18.4	-31.6	245.3	25.6	23.2	10.7	295.0	296.4	0.4	29.9	17.3	82.
15.2	48.0	4192.3	590.0	-18.9	-38.5	245.0	26.0	23.6	11.0	295.6	296.4	0.2	15.7	17.8	81.
15.6	49.0	4293.7	582.0	-20.0	-35.2	245.7	26.8	24.4	11.0	295.5	296.6	0.3	24.2	18.3	81.
16.0	50.0	4396.2	574.0	-20.8	-41.6	247.0	27.0	24.9	10.6	295.7	296.3	0.2	13.4	19.1	80.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1415 GMT

157 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	LOT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.4	51.0	4512.9	565.0	-21.6	-50.8	248.1	25.6	23.7	9.5	296.1	296.3	0.1	5.1	19.8	80.
16.9	52.0	4617.7	557.0	-22.5	-64.3	249.8	25.2	23.6	8.7	296.2	296.3	0.0	1.0	20.5	79.
17.2	53.0	4723.7	549.0	-23.5	-64.9	250.9	27.2	25.7	8.9	296.3	296.4	0.0	1.0	20.8	79.
17.7	54.0	4830.8	541.0	-24.5	-65.6	252.0	32.0	30.5	9.9	296.3	296.3	0.0	1.0	21.6	79.
18.0	55.0	4925.5	534.0	-25.2	-66.0	252.2	35.0	33.3	10.7	296.6	296.7	0.0	1.0	22.4	79.
18.4	56.0	5062.5	524.0	-26.4	-66.8	250.8	34.7	32.8	11.4	296.8	296.8	0.0	1.0	23.3	79.
18.8	57.0	5173.6	516.0	-26.9	-67.2	249.1	33.4	31.2	11.9	297.5	297.5	0.0	1.0	24.1	78.
19.2	58.0	5271.9	509.0	-27.6	-67.6	248.0	33.3	30.9	12.5	297.8	297.8	0.0	1.0	24.8	78.
19.7	59.0	5371.4	502.0	-28.1	-67.9	248.5	36.1	33.6	13.3	298.3	298.4	0.0	1.0	25.6	77.
20.0	60.0	5486.8	494.0	-27.7	-67.7	249.2	38.6	36.1	13.7	300.2	300.2	0.0	1.0	26.5	77.
20.4	61.0	5589.4	487.0	-27.5	-67.5	249.8	41.2	38.7	14.2	301.8	301.8	0.0	1.0	27.4	77.
20.8	62.0	5693.6	480.0	-27.7	-67.7	250.4	44.6	42.0	15.0	302.7	302.7	0.0	1.0	28.4	77.
21.1	63.0	5814.3	472.0	-28.3	-68.0	250.7	47.5	44.9	15.7	303.5	303.5	0.0	1.0	29.1	77.
21.6	64.0	5921.4	465.0	-28.5	-68.2	251.0	53.0*	50.1	17.2	304.5	304.5	0.0	1.0	30.5	76.
21.9	65.0	6030.0	458.0	-28.8	-61.0	250.9	55.3*	52.3	18.1	305.4	305.5	0.0	2.8	31.9	76.
22.4	66.0	6171.8	449.0	-29.6	-52.3	250.1	58.3*	54.8	19.9	306.2	306.4	0.1	8.9	33.2	76.
22.9	67.0	6267.7	443.0	-29.9	-52.5	248.8	60.7*	56.6	21.9	307.0	307.3	0.1	8.9	35.3	76.
23.2	68.0	6381.1	436.0	-30.4	-51.4	248.0	61.4*	56.9	23.0	307.8	308.0	0.1	10.6	36.4	75.
23.7	69.0	6496.0	429.0	-31.3	-49.6	246.6	61.7*	56.6	24.5	308.0	308.3	0.1	14.4	38.1	75.
24.1	70.0	6612.3	422.0	-32.1	-47.8	245.8	61.9*	56.4	25.3	308.4	308.9	0.1	19.2	39.6	75.
24.7	71.0	6747.3	414.0	-32.9	-47.2	245.7	63.1*	57.5	26.0	309.1	309.6	0.1	22.2	41.8	74.
25.1	72.0	6867.1	407.0	-33.7	-46.1	246.1	64.6*	59.1	26.2	309.6	310.1	0.1	27.0	43.4	74.
25.5	73.0	6988.5	400.0	-34.8	-45.8	246.8	66.9*	61.5	26.3	309.7	310.3	0.2	31.1	44.6	73.
25.9	74.0	7093.8	394.0	-35.5	-45.6	247.7	67.6*	62.5	25.6	310.2	310.7	0.2	34.3	46.5	73.
26.2	75.0	7200.6	388.0	-36.0	-46.4	248.2	67.2*	62.4	24.9	310.8	311.4	0.1	33.0	47.9	73.
26.7	76.0	7326.8	381.0	-36.8	-47.5	248.8	67.1*	62.6	24.3	311.4	311.9	0.1	31.7	49.7	73.
27.1	77.0	7436.6	375.0	-37.2	-49.2	249.1	68.9*	64.4	24.5	312.3	312.7	0.1	27.2	51.0	73.
27.5	78.0	7547.9	369.0	-37.9	-51.4	249.6	71.5*	67.0	25.0	312.8	313.1	0.1	22.5	52.8	73.
27.9	79.0	7660.7	363.0	-38.6	-53.7	249.6	71.8*	67.3	25.0	313.3	313.6	0.1	18.3	55.2	73.
28.4	80.0	7775.0	357.0	-39.4	-54.8	249.3	74.0*	69.2	26.1	313.7	314.0	0.1	17.5	56.4	73.
29.0	81.0	7929.8	349.0	-40.5	-95.9	248.5	76.4*	71.1	28.1	314.4	999.9	99.9	999.9	59.8	72.
29.4	82.0	8047.8	343.0	-41.4	-95.9	246.9	74.1*	68.2	29.0	314.8	999.9	99.9	999.9	61.9	72.
29.9	83.0	8167.4	337.0	-42.3	-95.9	245.3	75.5*	68.6	31.5	315.1	999.9	99.9	999.9	63.2	72.
30.3	84.0	8268.2	332.0	-43.2	-99.9	244.9	77.2*	69.9	32.8	315.2	999.9	99.9	999.9	65.0	72.
30.7	85.0	8390.6	326.0	-44.2	-99.9	244.4	73.9*	66.7	32.0	315.5	999.9	99.9	999.9	67.7	72.
31.2	86.0	8536.1	319.0	-45.2	-99.9	243.1	65.8*	58.7	29.7	316.1	999.9	99.9	999.9	69.8	71.
31.7	87.0	8662.6	313.0	-46.3	-95.9	242.4	66.2*	58.7	30.7	316.2	999.9	99.9	999.9	70.6	71.
32.1	88.0	8812.5	306.0	-47.4	-95.9	242.8	73.7*	65.5	33.7	316.8	999.9	99.9	999.9	73.0	71.
32.5	89.0	8921.1	301.0	-48.6	-95.9	243.4	82.6*	73.8	37.0	316.6	999.9	99.9	999.9	74.7	71.
33.0	90.0	9031.1	296.0	-49.5	-90.9	244.3	92.2**	83.1	39.9	316.8	999.9	99.9	999.9	76.7	70.
33.4	91.0	9164.9	290.0	-50.7	-99.9	244.7	93.9**	84.9	40.1	317.0	999.9	99.9	999.9	79.6	70.
33.9	92.0	9278.0	285.0	-51.6	-99.9	244.1	84.9**	76.4	37.1	317.2	999.9	99.9	999.9	83.0	70.
34.4	93.0	9392.7	280.0	-52.3	-99.9	243.0	71.8**	63.9	32.6	317.9	999.9	99.9	999.9	84.6	70.
34.8	94.0	9532.5	274.0	-53.2	-95.9	243.0	66.2**	59.0	30.1	318.5	999.9	99.9	999.9	86.4	70.
35.3	95.0	9651.0	269.0	-53.9	-95.9	244.1	64.1**	57.7	28.0	319.3	999.9	99.9	999.9	88.1	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1415 GMT

157 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.8	96.0	9795.8	263.0	-54.0	95.9	244.6	63.4**	57.2	27.2	321.1	999.9	99.9	999.9	90.2	70.
36.2	97.0	9944.4	257.0	-52.7	95.9	243.9	64.0**	57.5	28.1	325.1	999.9	99.9	999.9	91.8	70.
36.7	98.0	10071.3	252.0	-52.4	99.9	242.6	66.8**	59.3	30.8	327.4	999.9	99.9	999.9	93.1	69.
37.1	99.0	10200.8	247.0	-52.7	99.9	241.8	66.5**	58.6	31.4	328.8	999.9	99.9	999.9	94.8	69.
37.5	100.0	10332.7	242.0	-53.4	99.9	241.2	57.8**	50.6	27.8	329.8	999.9	99.9	999.9	98.3	69.
38.1	101.0	10467.0	237.0	-53.7	99.9	241.4	44.2**	38.8	21.2	331.3	999.9	99.9	999.9	98.1	69.
38.5	102.0	10603.9	232.0	-54.0	95.9	242.4	48.3**	42.8	22.4	332.8	999.9	99.9	999.9	99.2	69.
39.0	103.0	10744.1	227.0	-53.1	95.9	242.0	68.3**	60.3	32.0	336.4	999.9	99.9	999.9	100.4	69.
39.4	104.0	10887.8	222.0	-52.7	95.9	240.4	78.9**	68.6	39.0	339.0	999.9	99.9	999.9	102.9	69.
39.9	105.0	11005.4	218.0	-51.9	99.9	238.9	83.2**	71.3	43.0	342.0	999.9	99.9	999.9	105.7	68.
40.3	106.0	11155.5	213.0	-52.6	99.9	239.2	82.2**	70.6	42.1	343.3	999.9	99.9	999.9	107.3	68.
40.7	107.0	11277.9	209.0	-53.1	99.9	240.8	75.8**	66.2	37.1	344.4	999.9	99.9	999.9	109.1	68.
41.2	108.0	11433.9	204.0	-53.4	95.9	244.4	59.7**	53.9	25.8	346.3	999.9	99.9	999.9	112.2	68.
41.7	109.0	11561.3	200.0	-53.5	95.9	249.1	45.4**	42.4	16.2	348.0	999.9	99.9	999.9	113.1	68.
42.3	110.0	11691.2	196.0	-53.7	95.9	251.1	45.1**	42.7	14.6	349.8	999.9	99.9	999.9	114.4	68.
42.9	111.0	11891.3	190.0	-53.2	99.9	249.4	54.9**	51.4	19.3	353.7	999.9	99.9	999.9	116.0	68.
43.4	112.0	12028.4	186.0	-53.1	99.9	248.4	70.2**	65.2	25.8	356.1	999.9	99.9	999.9	116.9	68.
44.0	113.0	12168.7	182.0	-52.7	99.9	248.1	76.8**	71.3	28.6	358.8	999.9	99.9	999.9	122.0	68.
44.6	114.0	12312.1	178.0	-52.7	99.9	247.7	57.9**	53.6	22.0	361.1	999.9	99.9	999.9	123.4	68.
45.1	115.0	12458.7	174.0	-53.2	95.9	246.4	47.1**	43.1	18.9	362.7	999.9	99.9	999.9	124.7	68.
45.7	116.0	12646.4	169.0	-53.7	95.9	244.0	41.7**	37.5	18.3	364.9	999.9	99.9	999.9	126.4	68.
46.2	117.0	12800.4	165.0	-53.5	95.9	242.6	37.9**	33.7	17.5	367.7	999.9	99.9	999.9	127.8	68.
46.6	118.0	12918.3	162.0	-53.9	99.9	242.7	41.0**	36.4	18.8	369.1	999.9	99.9	999.9	128.5	68.
47.1	119.0	13078.6	158.0	-54.7	99.9	243.6	56.7**	50.8	25.2	370.4	999.9	99.9	999.9	128.7	68.
47.7	120.0	13242.5	154.0	-55.3	99.9	242.0	54.8**	48.3	25.7	372.0	999.9	99.9	999.9	132.8	68.
48.2	121.0	13410.7	150.0	-54.7	95.9	232.3	25.4**	20.1	15.5	375.9	999.9	99.9	999.9	134.5	68.
48.8	122.0	13539.8	147.0	-55.3	95.9	180.0	7.3**	0.0	7.3	376.9	999.9	99.9	999.9	133.5	68.
49.2	123.0	13715.6	143.0	-55.7	95.9	231.5	19.4**	15.2	12.1	379.3	999.9	99.9	999.9	132.8	68.
49.9	124.0	13850.6	140.0	-56.2	95.9	246.0	71.3**	65.1	29.1	380.8	999.9	99.9	999.9	134.9	67.
50.3	125.0	14035.1	136.0	-55.5	99.9	247.0	78.6**	72.3	30.7	385.1	999.9	99.9	999.9	138.0	67.
50.9	126.0	14226.0	132.0	-54.2	99.9	247.6	61.8**	57.2	23.5	390.8	999.9	99.9	999.9	140.6	67.
51.5	127.0	14373.5	129.0	-54.0	99.9	249.2	44.8**	41.9	15.9	393.6	999.9	99.9	999.9	142.0	67.
52.0	128.0	14524.1	126.0	-55.2	99.9	250.5	45.4**	42.8	15.1	394.2	999.9	99.9	999.9	143.3	67.
52.5	129.0	14677.6	123.0	-56.2	95.9	248.9	56.2**	52.4	20.2	395.1	999.9	99.9	999.9	144.7	68.
53.1	130.0	14834.3	120.0	-56.8	95.9	246.3	73.2**	67.0	29.4	396.7	999.9	99.9	999.9	146.6	68.
53.7	131.0	15048.5	116.0	-58.0	99.9	246.1	80.0**	73.1	32.4	398.3	999.9	99.9	999.9	150.4	67.
54.1	132.0	15213.3	113.0	-58.9	99.9	246.7	81.4**	74.8	32.2	399.7	999.9	99.9	999.9	151.8	67.
54.7	133.0	15439.0	109.0	-59.8	99.9	246.7	75.3**	69.2	29.7	402.1	999.9	99.9	999.9	154.9	67.
55.1	134.0	15613.8	106.0	-58.7	99.9	245.2	57.3**	52.0	24.0	407.4	999.9	99.9	999.9	157.8	67.
55.7	135.0	15794.1	103.0	-58.7	95.9	234.5	25.9**	21.1	15.0	410.8	999.9	99.9	999.9	158.5	67.
56.3	136.0	15979.2	100.0	-60.0	95.9	231.4	30.2**	23.6	18.8	411.8	999.9	99.9	999.9	157.2	67.
57.0	137.0	16233.6	96.0	-60.9	95.9	231.0	26.9**	20.9	16.9	414.9	999.9	99.9	999.9	163.4	67.
57.8	138.0	16431.4	93.0	-60.0	95.9	87.1	8.5**	-8.4	-0.4	420.5	999.9	99.9	999.9	160.1	67.
58.7	139.0	16636.5	90.0	-59.3	99.9	248.8	15.9**	14.8	5.7	425.9	999.9	99.9	999.9	159.5	67.
59.4	140.0	16848.5	87.0	-60.0	99.9	249.7	31.5**	29.6	10.9	428.6	999.9	99.9	999.9	161.3	67.

\* BY SPFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1415 GMT

157 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.1	141.0	17141.7	83.0	-60.9	99.9	245.8	15.7**	14.3	6.4	432.5	999.9	99.9	999.9	163.2	67.
60.8	142.0	17370.1	80.0	-61.8	99.9	243.1	31.0**	27.6	14.0	435.2	999.9	99.9	999.9	161.9	67.
61.4	143.0	17606.8	77.0	-61.6	99.9	245.5	69.7**	63.4	28.9	440.4	999.9	99.9	999.9	164.8	67.
62.0	144.0	17853.0	74.0	-61.6	99.9	247.3	81.7**	75.4	31.5	445.4	999.9	99.9	999.9	167.3	67.
62.8	145.0	18109.3	71.0	-61.8	99.9	259.6	22.5**	22.1	4.1	450.3	999.9	99.9	999.9	172.0	67.
63.7	146.0	18376.5	68.0	-61.8	99.9	358.7	6.2**	0.1	-6.2	455.9	999.9	99.9	999.9	169.2	67.
64.5	147.0	18655.6	65.0	-62.2	99.9	252.7	19.4**	18.5	5.8	461.0	999.9	99.9	999.9	171.5	67.
65.3	148.0	18948.2	62.0	-61.3	99.9	246.1	35.4**	32.3	14.3	469.3	999.9	99.9	999.9	171.3	67.
66.2	149.0	19256.9	59.0	-60.0	99.9	245.8	35.9**	32.8	14.7	478.9	999.9	99.9	999.9	174.5	67.
67.0	150.0	19582.1	56.0	-60.9	99.9	249.1	51.9**	48.4	18.5	484.0	999.9	99.9	999.9	176.5	67.
67.8	151.0	19922.7	53.0	-63.0	99.9	249.7	16.0**	15.0	5.5	486.9	999.9	99.9	999.9	179.2	67.
68.7	152.0	20280.8	50.0	-63.7	99.9	59.5	6.2**	-5.3	-3.1	493.3	999.9	99.9	999.9	177.1	67.
69.6	153.0	20660.9	47.0	-64.1	99.9	256.8	23.8**	23.2	5.4	501.2	999.9	99.9	999.9	177.5	67.
70.7	154.0	21064.6	44.0	-63.4	99.9	255.1	52.0**	50.2	13.4	512.6	999.9	99.9	999.9	180.5	67.
71.8	155.0	21350.4	42.0	-63.4	99.9	259.9	28.4**	28.0	5.0	519.5	999.9	99.9	999.9	184.0	68.
72.8	156.0	21805.9	39.0	-63.4	99.9	308.5	6.1**	4.8	-3.8	530.6	999.9	99.9	999.9	184.2	68.
73.9	157.0	22295.9	36.0	-64.9	99.9	254.0	48.3**	46.4	13.3	538.6	999.9	99.9	999.9	185.0	68.
75.1	158.0	22828.1	33.0	-63.7	99.9	247.8	67.2**	62.3	25.4	555.5	999.9	99.9	999.9	191.9	68.
76.5	159.0	23412.7	30.0	-63.7	99.9	56.2	17.2**	-14.3	-9.6	570.9	999.9	99.9	999.9	190.8	68.
77.8	160.0	23835.9	28.0	-63.7	99.9	258.2	33.0*	32.3	6.7	582.3	999.9	99.9	999.9	191.5	68.
79.1	161.0	24533.6	25.0	-62.2	99.9	999.9	99.9	99.9	99.9	605.9	999.9	99.9	999.9	999.9	999.
80.8	162.0	25325.3	22.0	-61.3	99.9	999.9	99.9	99.9	99.9	631.2	999.9	99.9	999.9	999.9	999.



STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1715 GMT

153 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	85.0	995.7	3.9	2.4	0.0	0.0	0.0	0.0	278.0	289.7	4.6	90.0	0.0	0.
0.2	8.0	164.5	986.0	2.9	2.6	999.9	99.9	99.9	99.9	277.8	289.7	4.7	97.7	999.9	999.
0.6	9.0	255.4	975.0	2.4	2.4	999.9	99.9	99.9	99.9	278.2	290.1	4.7	100.7	999.9	999.
0.9	10.0	347.2	964.0	2.3	-1.1	999.9	99.9	99.9	99.9	278.8	288.3	3.7	78.5	999.9	999.
1.3	11.0	457.7	951.0	5.6	0.7	999.9	99.9	99.9	99.9	283.3	294.5	4.2	70.5	999.9	999.
1.7	12.0	553.0	940.0	6.0	0.4	999.9	99.9	99.9	99.9	284.6	295.7	4.2	67.5	999.9	999.
2.0	13.0	649.4	929.0	5.6	0.2	999.9	99.9	99.9	99.9	285.2	296.3	4.2	67.9	999.9	999.
2.4	14.0	746.7	918.0	4.4	-0.8	999.9	99.9	99.9	99.9	285.0	295.4	3.9	68.5	999.9	999.
2.8	15.0	844.9	907.0	4.1	-0.7	999.9	99.9	99.9	99.9	285.6	296.3	4.0	70.8	999.9	999.
3.2	16.0	962.2	894.0	3.3	-1.1	999.9	99.9	99.9	99.9	285.9	296.5	4.0	73.3	999.9	999.
3.6	17.0	1053.3	884.0	2.4	-1.4	999.9	99.9	99.9	99.9	286.0	296.4	3.9	76.0	999.9	999.
3.9	18.0	1154.5	873.0	1.8	-1.2	999.9	99.9	99.9	99.9	286.3	297.0	4.0	80.4	999.9	999.
4.3	19.0	1256.7	862.0	0.8	-1.2	285.4	12.4	12.0	-3.3	286.3	297.2	4.1	86.5	2.4	113.
4.7	20.0	1350.4	852.0	-0.2	-1.5	284.6	12.8	12.4	-3.2	286.3	297.0	4.0	90.4	2.7	112.
5.1	21.0	1473.5	839.0	-1.0	-1.5	284.4	13.7	13.2	-3.4	286.7	297.6	4.1	95.9	3.0	111.
5.4	22.0	1569.1	829.0	-2.1	-2.8	283.2	14.1	13.7	-3.2	286.5	296.6	3.8	94.8	3.2	111.
5.8	23.0	1665.6	819.0	-2.8	-3.7	280.8	15.4	15.1	-2.9	286.7	296.2	3.6	93.9	3.6	110.
6.1	24.0	1772.7	808.0	-3.4	-5.3	278.0	16.6	16.4	-2.3	287.1	295.7	3.2	86.8	3.9	109.
6.4	25.0	1871.2	798.0	-3.9	-8.2	273.6	17.9	17.8	-1.1	287.5	294.6	2.6	71.8	4.2	108.
6.8	26.0	2000.8	785.0	-4.2	-10.2	268.5	18.7	18.6	0.5	288.5	294.8	2.2	62.8	4.6	107.
7.1	27.0	2091.8	776.0	-4.4	-11.3	266.2	19.0	18.9	1.3	289.3	295.1	2.1	58.1	4.9	105.
7.5	28.0	2194.0	766.0	-4.5	-12.7	266.7	19.1	19.1	1.1	290.1	295.5	1.9	52.7	5.3	104.
7.9	29.0	2297.3	756.0	-5.3	-13.1	266.0	19.1	19.1	1.3	290.4	295.7	1.8	53.9	5.8	102.
8.3	30.0	2391.3	747.0	-5.9	-14.0	265.0	19.4	19.3	1.7	290.7	295.7	1.7	52.4	6.2	101.
8.8	31.0	2507.4	736.0	-6.6	-14.7	263.3	20.0	19.8	2.3	291.2	295.9	1.7	52.3	6.8	100.
9.2	32.0	2603.7	727.0	-5.6	-18.9	261.8	20.4	20.2	2.9	292.9	296.4	1.2	34.6	7.3	99.
9.7	33.0	2712.1	717.0	-6.5	-21.8	260.3	20.5	20.2	3.5	293.4	296.2	0.9	28.3	7.9	97.
10.1	34.0	2810.7	708.0	-6.8	-25.0	259.6	20.4	20.1	3.7	294.1	296.3	0.7	21.8	8.3	96.
10.6	35.0	2921.6	698.0	-7.6	-25.7	259.5	20.7	20.4	3.8	294.3	296.4	0.7	21.9	8.9	95.
11.0	36.0	3045.0	687.0	-8.2	-26.2	259.3	21.2	20.8	3.9	295.0	297.0	0.7	21.9	9.4	94.
11.4	37.0	3147.2	678.0	-9.1	-28.0	258.3	21.4	21.0	4.3	295.1	296.9	0.6	19.7	9.9	93.
11.7	38.0	3261.9	668.0	-10.3	-29.2	257.7	21.7	21.2	4.6	295.1	296.7	0.5	19.3	10.3	93.
12.1	39.0	3366.3	659.0	-11.0	-29.8	257.2	22.1	21.5	4.9	295.4	297.0	0.5	19.4	10.7	92.
12.4	40.0	3471.8	650.0	-11.7	-30.6	257.0	22.4	21.8	5.1	295.8	297.2	0.5	19.0	11.2	92.
12.9	41.0	3602.3	639.0	-12.5	-31.3	256.6	22.7	22.1	5.2	296.3	297.6	0.4	19.0	11.8	91.
13.2	42.0	3710.4	630.0	-13.5	-32.1	256.6	22.7	22.1	5.3	296.3	297.6	0.4	19.1	12.2	90.
13.6	43.0	3831.9	620.0	-14.5	-32.9	256.7	22.7	22.1	5.2	296.6	297.8	0.4	19.2	12.8	90.
14.0	44.0	3954.9	610.0	-15.5	-32.7	257.4	22.7	22.2	5.0	296.8	298.1	0.4	21.0	13.2	89.
14.3	45.0	4054.4	602.0	-16.3	-33.4	258.4	23.1	22.6	4.6	297.0	298.2	0.4	21.1	13.7	89.
14.7	46.0	4180.1	592.0	-17.5	-34.4	260.0	23.7	23.4	4.1	297.0	298.1	0.3	21.2	14.2	88.
15.1	47.0	4281.8	584.0	-18.6	-35.3	261.7	24.6	24.4	3.6	296.9	297.9	0.3	21.2	14.7	88.
15.5	48.0	4397.5	575.0	-19.3	-36.7	263.1	25.3	25.1	3.0	297.4	298.3	0.3	19.5	15.5	88.
15.8	49.0	4501.4	567.0	-20.4	-37.2	263.5	25.4	25.2	2.9	297.3	298.2	0.3	20.5	15.9	88.
16.2	50.0	4619.7	558.0	-21.4	-38.7	263.6	25.3	25.1	2.8	297.4	298.2	0.2	19.2	16.5	88.
16.8	51.0	4752.7	548.0	-22.7	-40.1	263.2	25.1	24.9	3.0	297.5	298.2	0.2	18.4	17.4	87.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1715 GMT

153 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.2	52.0	4874.0	539.0	-23.5	-40.3	262.9	25.3	25.1	3.1	298.0	298.6	0.2	19.4	18.0	87.
17.6	53.0	4983.1	531.0	-24.7	-41.3	262.6	26.1	25.9	3.3	297.8	298.4	0.2	19.5	18.6	87.
18.1	54.0	5093.5	523.0	-25.4	-41.3	262.0	27.8	27.6	3.9	298.1	298.8	0.2	20.8	19.3	87.
18.5	55.0	5205.0	515.0	-26.6	-42.1	261.5	29.4	29.0	4.3	298.0	298.6	0.2	21.3	20.1	87.
19.0	56.0	5346.2	505.0	-28.0	-42.6	261.3	30.5	30.1	4.6	298.1	298.6	0.2	23.1	20.9	86.
19.4	57.0	5460.8	497.0	-28.6	-44.2	261.7	31.5	31.2	4.5	298.6	299.1	0.1	20.6	21.8	86.
19.8	58.0	5562.2	490.0	-29.4	-46.0	262.5	33.8	33.5	4.4	298.8	299.3	0.1	18.0	22.4	86.
20.2	59.0	5679.7	482.0	-29.6	-48.3	263.3	36.9	36.7	4.3	300.1	300.4	0.1	14.2	23.2	86.
20.7	60.0	5799.1	474.0	-29.7	-49.7	264.0	41.3	41.1	4.3	301.4	301.7	0.1	12.2	24.5	86.
21.1	61.0	5920.5	466.0	-29.7	-50.5	264.0	44.6	44.3	4.6	302.8	303.1	0.1	11.1	25.5	86.
21.6	62.0	6028.4	459.0	-29.7	-49.7	263.2	48.3	48.0	5.8	304.1	304.5	0.1	12.2	26.8	86.
22.1	63.0	6153.6	451.0	-30.6	-48.2	261.4	50.2	49.6	7.5	304.5	304.9	0.1	15.8	28.5	86.
22.6	64.0	6264.6	444.0	-31.3	-46.7	258.8	50.4	49.4	9.8	305.0	305.5	0.1	20.0	30.1	85.
23.0	65.0	6377.0	437.0	-32.0	-44.6	256.7	52.1	50.7	12.0	305.6	306.2	0.2	27.0	30.8	85.
23.5	66.0	6540.6	427.0	-32.0	-43.1	255.4	57.0	55.2	14.4	307.6	308.3	0.2	31.7	32.7	85.
23.9	67.0	6657.2	420.0	-32.6	-42.7	255.0	59.0	57.0	15.2	308.2	308.9	0.2	35.5	34.1	84.
24.3	68.0	6775.4	413.0	-33.3	-43.2	254.7	60.1*	57.9	15.8	308.8	309.5	0.2	36.0	35.7	84.
24.7	69.0	6895.5	406.0	-33.6	-43.3	254.6	61.8*	59.6	16.4	310.0	310.7	0.2	36.4	36.9	83.
25.2	70.0	7017.4	399.0	-34.1	-42.5	254.5	65.3*	62.9	17.4	310.9	311.6	0.2	42.0	38.7	83.
25.7	71.0	7177.1	390.0	-34.4	-42.1	254.3	67.5*	65.0	18.2	312.6	313.4	0.2	45.0	41.0	83.
26.1	72.0	7285.5	384.0	-34.8	-41.8	253.9	68.1*	65.5	18.8	313.4	314.3	0.2	48.4	42.4	82.
26.6	73.0	7413.6	377.0	-36.0	-43.0	253.5	70.0*	67.1	19.8	313.5	314.2	0.2	47.9	44.4	82.
27.0	74.0	7543.5	370.0	-37.2	-44.4	253.6	72.6*	69.6	20.5	313.5	314.2	0.2	46.3	46.0	82.
27.4	75.0	7675.3	363.0	-38.1	-45.2	253.9	72.9*	70.0	20.3	314.0	314.6	0.2	46.8	48.0	81.
27.8	76.0	7809.0	356.0	-39.2	-46.3	254.0	71.3*	68.5	19.6	314.2	314.8	0.2	46.6	49.7	81.
28.3	77.0	7925.2	350.0	-40.5	99.9	254.1	71.4*	68.7	19.6	314.2	999.9	99.9	999.9	51.8	81.
28.7	78.0	8062.6	343.0	-41.6	99.9	254.0	75.8*	72.8	20.9	314.5	999.9	99.9	999.9	53.2	81.
29.2	79.0	8181.9	337.0	-42.8	99.9	253.6	82.0*	78.7	23.1	314.4	999.9	99.9	999.9	55.6	80.
29.7	80.0	8323.3	330.0	-43.7	99.9	252.7	79.4*	75.8	23.6	315.1	999.9	99.9	999.9	58.7	80.
30.2	81.0	8467.0	323.0	-45.0	99.9	251.5	70.9*	67.2	22.5	315.2	999.9	99.9	999.9	60.8	80.
30.7	82.0	8592.0	317.0	-46.1	99.9	251.4	70.3*	66.6	22.4	315.3	999.9	99.9	999.9	62.3	79.
31.1	83.0	8740.1	310.0	-47.0	99.9	252.3	75.3*	71.7	23.0	316.1	999.9	99.9	999.9	63.7	79.
31.6	84.0	8869.3	304.0	-48.2	99.9	252.7	76.1*	72.7	22.6	316.2	999.9	99.9	999.9	67.0	79.
32.0	85.0	9978.2	299.0	-49.4	99.9	252.2	69.8*	66.5	21.3	316.0	999.9	99.9	999.9	69.2	79.
32.6	86.0	9155.4	291.0	-50.9	99.9	252.2	74.5*	70.9	22.8	316.3	999.9	99.9	999.9	70.0	79.
33.0	87.0	9290.6	285.0	-52.3	99.9	252.6	84.4*	80.6	25.2	316.2	999.9	99.9	999.9	72.5	78.
33.4	88.0	9404.8	280.0	-53.3	99.9	252.3	84.2*	80.2	25.7	316.4	999.9	99.9	999.9	75.1	78.
33.7	89.0	9544.1	274.0	-53.9	99.9	251.3	79.2*	75.1	25.2	317.5	999.9	99.9	999.9	76.7	78.
34.2	90.0	9686.0	268.0	-54.8	99.9	249.4	68.7*	64.3	24.2	318.3	999.9	99.9	999.9	78.6	78.
34.6	91.0	9806.4	263.0	-54.8	99.9	247.7	63.3*	58.5	24.0	320.0	999.9	99.9	999.9	79.8	78.
35.1	92.0	9954.2	257.0	-54.4	99.9	246.7	59.4*	54.6	23.5	322.6	999.9	99.9	999.9	82.1	77.
35.6	93.0	10080.0	252.0	-54.8	99.9	247.5	57.3*	53.0	21.9	323.9	999.9	99.9	999.9	83.8	77.
36.0	94.0	10208.5	247.0	-53.8	99.9	250.0	60.8*	57.2	20.8	327.3	999.9	99.9	999.9	83.9	77.
36.5	95.0	10340.2	242.0	-52.7	99.9	252.9	73.2*	70.0	21.5	330.9	999.9	99.9	999.9	87.3	77.
37.1	96.0	10530.1	235.0	-52.0	99.9	253.3	82.3**	78.9	23.6	334.6	999.9	99.9	999.9	89.3	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1715 GMT

153 13. 0

TIME MIN	CNTCT	HEIGHT GPM	FRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.6	97.0	10641.2	231.0	-52.0	99.9	252.1	78.4**	74.6	24.1	336.2	999.9	99.9	999.9	92.7	77.
38.1	98.0	10811.6	225.0	-52.2	99.9	249.8	68.3**	64.0	23.6	338.5	999.9	99.9	999.9	94.8	77.
38.5	99.0	10957.1	220.0	-52.2	99.9	247.0	61.2**	56.3	23.9	340.7	999.9	99.9	999.9	94.9	76.
39.0	100.0	11105.8	215.0	-52.5	99.9	242.2	53.9**	47.6	25.2	342.5	999.9	99.9	999.9	99.0	76.
39.6	101.0	11257.6	210.0	-53.3	99.9	240.3	54.9**	47.7	27.2	343.6	999.9	99.9	999.9	98.8	76.
40.1	102.0	11412.6	205.0	-53.9	99.9	242.8	60.3**	53.6	27.6	344.9	999.9	99.9	999.9	100.7	76.
40.6	103.0	11538.9	201.0	-54.8	99.9	244.5	54.6**	49.3	23.5	345.6	999.9	99.9	999.9	103.9	75.
41.0	104.0	11699.9	196.0	-54.9	99.9	244.8	43.3**	39.2	18.5	347.8	999.9	99.9	999.9	104.0	75.
41.5	105.0	11831.6	192.0	-55.4	99.9	246.2	39.8**	36.4	15.1	349.1	999.9	99.9	999.9	105.1	75.
42.0	106.0	11999.8	187.0	-55.6	99.9	249.4	49.9**	46.7	17.6	351.5	999.9	99.9	999.9	106.4	75.
42.5	107.0	12137.8	183.0	-54.9	99.9	252.3	63.3**	60.3	19.2	354.7	999.9	99.9	999.9	107.6	75.
43.0	108.0	12314.9	178.0	-54.9	99.9	254.0	69.7**	67.0	19.2	357.5	999.9	99.9	999.9	110.7	75.
43.4	109.0	12460.0	174.0	-55.4	99.9	254.0	64.5**	62.0	17.8	359.1	999.9	99.9	999.9	111.8	75.
43.9	110.0	12608.5	170.0	-54.9	99.9	253.1	55.8**	53.3	16.2	362.3	999.9	99.9	999.9	114.5	75.
44.6	111.0	12798.9	165.0	-55.9	99.9	253.2	61.0**	58.4	17.6	363.7	999.9	99.9	999.9	115.1	75.
45.1	112.0	12955.5	161.0	-54.9	99.9	253.9	71.4**	68.6	19.7	368.0	999.9	99.9	999.9	118.1	75.
45.7	113.0	13116.5	157.0	-54.4	99.9	253.0	71.0**	67.9	20.7	371.4	999.9	99.9	999.9	120.9	75.
46.4	114.0	13281.7	153.0	-54.6	99.9	249.0	62.3**	58.2	22.3	373.9	999.9	99.9	999.9	123.8	75.
46.9	115.0	13408.6	150.0	-54.4	99.9	245.4	55.9**	50.8	23.3	376.3	999.9	99.9	999.9	125.3	75.
47.5	116.0	13625.5	145.0	-54.9	99.9	242.8	53.0**	47.2	24.3	379.1	999.9	99.9	999.9	127.1	75.
48.0	117.0	13803.9	141.0	-56.1	99.9	243.6	58.4**	52.3	26.0	380.1	999.9	99.9	999.9	128.6	74.
48.4	118.0	13940.2	138.0	-57.4	99.9	244.9	62.0**	56.2	25.3	380.1	999.9	99.9	999.9	129.8	74.
49.0	119.0	14125.7	134.0	-58.1	99.9	246.9	59.9**	55.1	23.5	382.1	999.9	99.9	999.9	133.4	74.
49.4	120.0	14316.4	130.0	-58.6	99.9	248.1	54.9**	50.9	20.5	384.5	999.9	99.9	999.9	133.3	74.
49.9	121.0	14462.8	127.0	-59.5	99.9	249.2	51.7**	48.3	18.4	385.5	999.9	99.9	999.9	136.0	74.
50.3	122.0	14612.5	124.0	-59.0	99.9	249.4	52.4**	49.0	18.4	389.1	999.9	99.9	999.9	136.3	74.
50.9	123.0	14818.8	120.0	-57.8	99.9	248.3	53.6**	49.8	19.8	395.0	999.9	99.9	999.9	138.9	74.
51.7	124.0	14979.1	117.0	-56.2	99.9	244.3	50.9**	45.8	22.0	400.7	999.9	99.9	999.9	140.8	74.
52.4	125.0	15144.4	114.0	-55.6	99.9	243.6	40.9**	36.6	18.2	404.9	999.9	99.9	999.9	143.9	74.
53.2	126.0	15372.1	110.0	-55.4	99.9	250.4	33.3**	31.4	11.2	409.4	999.9	99.9	999.9	144.1	74.
53.7	127.0	15548.4	107.0	-55.6	99.9	253.1	37.4**	35.8	10.8	412.3	999.9	99.9	999.9	145.6	74.
54.2	128.0	15729.2	104.0	-56.6	99.9	253.6	39.8**	38.2	11.2	413.8	999.9	99.9	999.9	147.1	74.
54.7	129.0	15914.5	101.0	-57.4	99.9	253.5	44.6**	42.8	12.7	415.6	999.9	99.9	999.9	147.8	74.
55.2	130.0	16104.7	98.0	-58.1	99.9	252.8	51.7**	49.4	15.3	417.9	999.9	99.9	999.9	149.0	74.
55.9	131.0	16367.1	94.0	-58.3	99.9	250.1	41.4**	38.9	14.1	422.5	999.9	99.9	999.9	152.5	74.
56.4	132.0	16571.7	91.0	-57.4	99.9	248.5	29.0**	27.0	10.7	428.2	999.9	99.9	999.9	152.4	74.
57.0	133.0	16783.4	88.0	-57.6	99.9	252.2	22.6**	21.5	5.9	432.0	999.9	99.9	999.9	153.7	73.
57.7	134.0	17001.9	85.0	-58.6	99.9	248.4	14.5**	13.5	5.3	434.1	999.9	99.9	999.9	154.5	74.
58.3	135.0	17151.1	83.0	-59.5	99.9	235.5	12.0**	9.9	6.8	435.3	999.9	99.9	999.9	154.6	73.
59.0	136.0	17381.2	80.0	-60.1	99.9	233.4	7.3**	5.9	4.4	438.8	999.9	99.9	999.9	156.3	73.
59.8	137.0	17700.5	76.0	-61.2	99.9	253.1	10.8**	10.4	3.1	443.0	999.9	99.9	999.9	155.7	73.
60.7	138.0	17950.5	73.0	-61.3	99.9	259.3	20.9**	20.5	3.9	447.8	999.9	99.9	999.9	155.7	73.
61.5	139.0	18210.5	70.0	-61.9	99.9	257.9	52.5**	51.3	11.0	452.0	999.9	99.9	999.9	158.5	73.
62.3	140.0	18481.1	67.0	-62.7	99.9	256.3	44.3**	43.0	10.5	456.0	999.9	99.9	999.9	160.7	74.
63.1	141.0	18762.5	64.0	-64.2	99.9	253.9	35.0**	33.6	9.7	458.6	999.9	99.9	999.9	162.4	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
1715 GMT

153 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.8	142.0	19057.2	61.0	-62.9	99.9	253.3	38.6**	37.0	11.1	468.0	999.9	99.9	999.9	164.2	74.
64.7	143.0	19368.4	58.0	-62.1	99.9	252.0	58.4**	55.6	13.1	476.5	999.9	99.9	999.9	165.3	74.
65.5	144.0	19697.4	55.0	-61.3	99.9	251.5	80.6**	76.5	23.5	485.5	999.9	99.9	999.9	170.1	73.
66.5	145.0	20044.9	52.0	-61.9	99.9	234.8	10.8**	8.8	5.2	492.1	999.9	99.9	999.9	172.8	73.
67.4	146.0	20410.6	49.0	-64.2	99.9	216.4	5.6**	3.3	4.5	495.0	999.9	99.9	999.9	173.2	73.
68.3	147.0	20664.6	47.0	-65.8	99.9	251.0	27.5**	26.0	9.0	497.1	999.9	99.9	999.9	173.0	73.
69.2	148.0	21065.2	44.0	-65.8	99.9	258.6	33.3**	32.6	6.6	506.6	999.9	99.9	999.9	175.9	73.
70.2	149.0	21494.7	41.0	-65.2	99.9	261.1	7.9**	7.8	1.2	518.4	999.9	99.9	999.9	176.7	73.
71.4	150.0	21958.0	38.0	-64.8	99.9	31.9	2.0*	-1.1	-1.7	530.9	999.9	99.9	999.9	176.0	73.
72.7	151.0	22462.2	35.0	-62.9	99.9	263.3	34.2*	34.0	4.0	548.6	999.9	99.9	999.9	176.9	73.
73.8	152.0	22825.5	33.0	-61.9	99.9	268.7	33.7*	33.7	9.8	560.4	999.9	99.9	999.9	180.5	74.
75.0	153.0	23413.9	30.0	-62.9	99.9	264.2	46.4*	46.2	4.7	573.3	999.9	99.9	999.9	181.4	74.
76.2	154.0	24063.5	27.0	-62.5	99.9	252.7	54.0*	51.5	16.1	591.9	999.9	99.9	999.9	188.1	74.
77.7	155.0	24788.0	24.0	-63.8	99.9	248.3	11.0*	10.3	4.1	608.3	999.9	99.9	999.9	188.6	74.
79.4	156.0	25609.4	21.0	-62.5	99.9	250.8	39.3*	37.1	12.9	636.0	999.9	99.9	999.9	191.8	74.
81.3	157.0	26227.9	19.0	-61.9	99.9	263.8	27.4*	27.3	5.0	656.3	999.9	99.9	999.9	193.8	74.
83.6	158.0	27299.5	16.0	-58.6	99.9	256.2	30.6*	29.7	7.3	700.0	999.9	99.9	999.9	196.2	74.
86.1	159.0	28608.8	13.0	-57.1	99.9	999.9	99.9	99.9	99.9	748.2	999.9	99.9	999.9	999.9	999.

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
2015 GMT

147 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	85.0	994.8	6.6	3.4	0.0	0.0	0.0	0.0	280.8	293.8	5.0	82.0	0.0	0.
0.2	8.0	174.8	984.0	7.3	1.3	286.6	1.6	1.6	-0.5	282.3	293.5	4.3	65.5	0.1	66.
0.6	9.0	275.7	972.0	6.6	0.1	292.1	2.0	1.8	-1.7	282.6	293.0	4.0	63.1	0.1	71.
1.0	10.0	377.7	960.0	6.2	-0.1	303.2	3.3	2.8	-1.8	283.2	293.6	4.0	63.6	0.1	83.
1.4	11.0	497.9	946.0	4.8	-1.4	309.8	5.1	3.9	-3.3	282.9	292.6	3.6	63.8	0.2	107.
1.8	12.0	593.3	935.0	4.3	-1.8	310.6	6.6	5.0	-4.3	283.3	292.8	3.6	64.3	0.3	117.
2.2	13.0	707.2	922.0	3.6	-2.8	309.0	7.7	6.0	-4.9	283.7	292.7	3.4	62.6	0.5	121.
2.5	14.0	804.6	911.0	3.0	-2.9	307.1	8.4	6.7	-5.1	284.0	293.1	3.4	65.1	0.7	123.
2.9	15.0	902.8	900.0	1.6	-3.0	304.5	8.4	6.9	-5.8	283.6	292.3	3.3	68.1	0.9	124.
3.3	16.0	1029.1	886.0	1.1	-3.0	299.8	7.8	6.8	-3.9	284.4	293.3	3.3	71.3	1.1	124.
3.7	17.0	1138.7	874.0	0.3	-3.0	293.5	7.4	6.8	-2.9	284.6	293.6	3.4	74.9	1.3	123.
4.1	18.0	1240.2	863.0	-0.7	-3.5	288.7	7.5	7.1	-2.4	284.7	293.8	3.4	81.1	1.4	121.
4.5	19.0	1352.0	851.0	-1.6	-3.3	288.6	8.3	7.9	-2.7	284.8	294.3	3.5	88.4	1.6	120.
4.8	20.0	1455.5	840.0	-2.7	-3.9	282.0	8.5	8.3	-1.8	284.7	293.8	3.4	91.3	1.8	119.
5.4	21.0	1579.1	827.0	-3.3	-4.1	270.0	9.7	9.7	0.0	285.3	294.5	3.4	94.8	2.0	115.
5.7	22.0	1685.0	816.0	-4.1	-4.7	266.2	10.2	10.1	0.7	285.6	294.5	3.3	96.0	2.2	113.
6.1	23.0	1791.9	805.0	-5.3	-5.3	262.2	10.5	10.4	1.4	285.3	293.6	3.1	96.3	2.4	110.
6.4	24.0	1890.0	795.0	-6.1	-6.0	258.7	10.4	10.2	2.0	285.5	293.6	3.0	97.8	2.6	108.
6.8	25.0	2009.1	783.0	-6.7	-6.8	255.8	10.6	10.3	2.6	286.1	294.1	2.9	99.1	2.8	105.
7.2	26.0	2129.6	771.0	-7.9	-8.1	254.5	11.2	10.8	3.0	286.1	293.4	2.7	98.2	3.0	103.
7.6	27.0	2241.3	760.0	-8.5	-8.7	254.4	12.3	11.9	3.3	286.6	293.8	2.6	98.4	3.3	101.
8.0	28.0	2343.9	750.0	-9.4	-9.5	254.3	13.8	13.3	3.7	286.7	293.5	2.5	98.5	3.5	99.
8.3	29.0	2458.2	739.0	-9.5	-19.0	254.7	14.9	14.4	3.9	287.6	290.7	1.1	42.8	3.8	97.
8.7	30.0	2563.7	729.0	-8.2	-21.0	255.3	16.2	15.7	3.1	290.1	292.9	0.9	33.1	4.2	95.
9.1	31.0	2671.0	719.0	-7.9	-30.0	256.3	17.3	16.9	4.1	291.5	292.8	0.4	13.8	4.5	93.
9.5	32.0	2779.9	709.0	-7.9	-30.8	257.4	18.4	18.0	4.0	292.7	294.0	0.4	13.8	4.9	92.
9.8	33.0	2890.3	699.0	-8.0	-30.9	257.9	19.2	18.7	4.0	293.7	295.0	0.4	13.8	5.3	91.
10.2	34.0	3002.1	689.0	-8.3	-29.7	258.2	20.2	19.8	4.1	294.6	296.1	0.5	15.8	5.8	90.
10.6	35.0	3115.4	679.0	-9.2	-30.4	258.0	21.2	20.7	3.4	294.9	296.3	0.4	15.9	6.2	89.
11.1	36.0	3253.1	667.0	-9.8	-30.0	257.0	22.4	21.8	3.0	295.7	297.2	0.4	16.4	6.9	88.
11.4	37.0	3369.5	657.0	-10.8	-30.0	256.0	22.8	22.1	3.5	295.9	297.3	0.5	18.0	7.3	87.
11.9	38.0	3475.4	648.0	-11.1	-30.0	254.3	23.0	22.1	6.2	296.7	298.1	0.4	17.5	8.0	86.
12.3	39.0	3594.6	638.0	-12.1	-31.0	253.7	23.0	22.1	6.5	296.9	298.3	0.4	18.1	8.5	85.
12.8	40.0	3715.3	628.0	-12.5	-32.0	254.2	23.5	22.6	6.4	297.7	299.0	0.4	16.7	9.2	84.
13.2	41.0	3837.8	618.0	-12.8	-35.2	255.2	24.5	23.7	6.2	298.8	299.8	0.3	13.2	9.7	84.
13.6	42.0	3962.0	608.0	-14.1	-37.0	255.9	25.6	24.9	7.2	298.7	299.6	0.3	12.2	10.3	83.
14.0	43.0	4074.9	599.0	-15.2	-37.0	255.7	26.7	25.9	5.6	298.7	299.6	0.3	13.4	11.0	83.
14.4	44.0	4189.1	590.0	-16.4	-37.0	254.1	27.6	26.5	7.6	298.6	299.4	0.3	14.0	11.6	83.
14.8	45.0	4317.4	580.0	-17.2	-38.0	252.1	28.3	27.0	8.7	299.1	299.9	0.2	14.1	12.3	82.
15.3	46.0	4434.5	571.0	-17.9	-39.0	249.7	29.0	27.2	10.0	299.6	300.3	0.2	13.6	13.1	81.
15.7	47.0	4539.8	563.0	-18.9	-39.4	248.6	29.0	27.0	10.6	299.7	300.4	0.2	14.2	13.8	81.
16.3	48.0	4659.7	554.0	-19.7	-38.0	248.3	28.6	26.6	10.6	300.1	301.0	0.3	17.7	14.8	80.
16.7	49.0	4767.4	546.0	-20.7	-37.9	248.5	28.0	26.0	10.2	300.1	301.0	0.3	19.6	15.5	79.
17.1	50.0	4890.0	537.0	-22.0	-37.9	248.8	27.2	25.3	9.8	300.1	301.0	0.3	21.9	16.2	79.
17.6	51.0	5041.9	526.0	-23.3	-39.0	249.3	26.6	24.9	9.4	300.3	301.0	0.2	20.3	17.0	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
2015 GMT

147 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.9	52.0	5153.8	518.0	-24.6	-40.1	250.1	27.1	25.5	9.2	300.0	300.7	0.2	22.0	17.3	78.
18.3	53.0	5281.2	509.0	-25.8	-38.1	251.2	28.4	26.9	9.2	300.1	301.0	0.3	30.1	18.0	78.
18.6	54.0	5395.7	501.0	-27.1	-37.1	251.8	29.2	27.8	9.1	299.8	300.8	0.3	37.9	18.6	78.
18.9	55.0	5511.4	493.0	-28.3	-36.5	251.9	29.3	27.8	9.1	299.8	300.9	0.3	44.6	19.1	78.
19.3	56.0	5672.9	482.0	-29.6	-37.2	251.6	28.6	27.2	9.1	300.1	301.1	0.3	47.4	19.9	77.
19.6	57.0	5791.9	474.0	-31.0	-38.6	251.2	28.4	26.9	9.2	299.7	300.7	0.3	46.9	20.4	77.
20.0	58.0	5897.3	467.0	-31.8	-38.1	250.8	29.4	27.8	9.7	300.0	301.0	0.3	53.1	20.8	77.
20.3	59.0	6019.3	459.0	-32.3	-37.1	250.3	31.5	29.7	10.6	300.9	302.0	0.3	62.1	21.5	77.
20.7	60.0	6143.2	451.0	-33.2	-37.2	249.6	34.1	32.0	11.9	301.2	302.3	0.3	64.0	22.3	77.
21.1	61.0	6268.8	443.0	-33.6	-37.2	249.1	36.3	34.0	11.9	302.3	303.4	0.3	66.2	23.1	76.
21.5	62.0	6396.6	435.0	-34.2	-38.1	249.4	38.1	35.7	12.4	303.2	304.2	0.3	63.5	24.0	76.
22.0	63.0	6510.0	428.0	-34.7	-39.5	251.5	40.8	38.7	12.9	303.9	304.9	0.3	61.0	25.2	76.
22.5	64.0	6641.8	420.0	-35.0	-40.7	253.5	44.3	42.5	12.6	305.2	306.1	0.3	55.4	26.4	76.
23.0	65.0	6776.1	412.0	-34.6	-40.8	254.0	47.9	46.0	13.2	307.4	308.3	0.3	52.8	27.8	76.
23.6	66.0	6912.9	404.0	-35.2	-41.7	253.2	52.7	50.4	15.3	308.3	309.1	0.2	51.1	29.7	75.
24.1	67.0	7034.5	397.0	-36.3	-42.0	252.1	57.9	55.1	17.8	308.5	309.2	0.2	51.6	31.2	75.
24.5	68.0	7175.7	389.0	-36.4	-42.8	251.2	62.6	59.2	20.1	310.1	310.9	0.2	51.3	32.6	75.
24.9	69.0	7301.5	382.0	-36.8	-43.2	250.5	66.2	62.5	22.1	311.2	311.9	0.2	50.8	34.3	75.
25.3	70.0	7429.4	375.0	-37.6	-44.0	250.0	68.4	64.2	23.4	311.8	312.5	0.2	50.7	35.9	75.
25.7	71.0	7596.7	366.0	-38.5	-44.0	249.5	69.1	64.7	24.2	312.7	313.4	0.2	50.7	37.6	75.
26.0	72.0	7748.2	358.0	-39.7	-45.0	249.3	68.9	64.4	24.4	313.1	313.7	0.2	51.1	39.1	74.
26.4	73.0	7882.9	351.0	-40.7	-45.9	248.9	68.1	63.5	24.5	313.6	999.9	99.9	999.9	40.4	74.
26.8	74.0	8000.0	345.0	-41.9	-46.9	248.4	68.0*	63.2	24.1	313.5	999.9	99.9	999.9	42.1	74.
27.2	75.0	8138.5	338.0	-43.0	-47.9	247.8	69.2*	64.1	24.1	313.9	999.9	99.9	999.9	43.8	74.
27.6	76.0	8279.3	331.0	-43.8	-48.9	247.4	71.5*	66.0	24.5	314.6	999.9	99.9	999.9	45.3	73.
28.1	77.0	8402.1	325.0	-44.2	-49.9	246.8	74.5*	68.4	24.9	315.7	999.9	99.9	999.9	47.5	73.
28.6	78.0	8547.8	318.0	-45.1	-50.9	245.9	75.0*	68.4	30.6	316.5	999.9	99.9	999.9	50.0	73.
29.2	79.0	8674.8	312.0	-46.2	-51.9	245.5	74.0*	67.3	30.7	316.7	999.9	99.9	999.9	52.4	72.
29.6	80.0	8803.5	306.0	-47.3	-52.9	245.6	74.6*	67.9	30.8	316.8	999.9	99.9	999.9	54.3	72.
30.1	81.0	8956.1	299.0	-48.9	-53.9	245.8	77.7*	70.9	31.8	316.7	999.9	99.9	999.9	56.4	72.
30.5	82.0	9111.1	292.0	-50.4	-54.9	245.8	80.5*	73.4	31.0	316.8	999.9	99.9	999.9	57.8	72.
30.9	83.0	9246.3	286.0	-51.6	-55.9	245.4	79.3*	72.1	33.0	317.0	999.9	99.9	999.9	60.9	72.
31.3	84.0	9383.4	280.0	-53.0	-56.9	245.4	78.7*	71.6	32.8	316.9	999.9	99.9	999.9	62.2	71.
31.7	85.0	9499.4	275.0	-54.0	-57.9	245.6	80.4*	73.2	33.2	317.0	999.9	99.9	999.9	63.7	71.
32.2	86.0	9664.4	268.0	-55.1	-58.9	245.7	82.7*	75.4	34.0	317.7	999.9	99.9	999.9	66.6	71.
32.7	87.0	9808.6	262.0	-56.4	-59.9	245.1	80.6*	73.2	33.9	317.9	999.9	99.9	999.9	69.3	71.
33.2	88.0	9930.5	257.0	-57.9	-60.9	244.9	79.4*	72.0	31.7	317.5	999.9	99.9	999.9	71.2	71.
33.6	89.0	10079.1	251.0	-59.1	-61.9	245.5	81.3*	73.9	30.7	317.9	999.9	99.9	999.9	73.0	70.
34.1	90.0	10231.0	245.0	-58.6	-60.9	247.2	79.5*	73.3	30.8	320.9	999.9	99.9	999.9	75.5	70.
34.6	91.0	10361.6	240.0	-55.1	-59.9	250.2	69.4*	65.4	23.5	327.9	999.9	99.9	999.9	78.5	70.
35.1	92.0	10496.2	235.0	-54.8	-59.9	251.2	61.7*	58.4	19.9	330.4	999.9	99.9	999.9	79.7	70.
35.6	93.0	10634.0	230.0	-53.9	-59.9	245.9	61.1*	55.8	25.0	333.8	999.9	99.9	999.9	81.7	71.
36.1	94.0	10775.2	225.0	-53.9	-59.9	242.1	64.1*	56.6	30.0	336.0	999.9	99.9	999.9	83.7	70.
36.5	95.0	10919.6	220.0	-53.6	-59.9	244.0	68.0*	61.1	20.8	338.6	999.9	99.9	999.9	84.7	70.
37.1	96.0	11127.1	213.0	-54.5	-59.9	248.9	75.6*	70.5	27.3	340.3	999.9	99.9	999.9	87.6	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
2015 GMT

147 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.5	97.0	11279.2	208.0	-54.7	99.9	250.3	77.4*	72.8	26.1	342.4	999.9	99.9	999.9	89.7	70.
38.0	98.0	11403.4	204.0	-55.0	99.9	250.9	70.0*	66.1	22.9	343.8	999.9	99.9	999.9	91.9	70.
38.5	99.0	11561.6	199.0	-55.9	99.9	251.7	55.9*	53.1	17.6	344.7	999.9	99.9	999.9	94.4	70.
39.3	100.0	11723.5	194.0	-56.1	99.9	252.8	45.7*	43.7	12.5	347.0	999.9	99.9	999.9	95.9	70.
39.7	101.0	11923.7	188.0	-55.1	99.9	251.9	48.1*	45.7	15.0	351.6	999.9	99.9	999.9	96.9	70.
40.3	102.0	12061.0	184.0	-55.3	99.9	250.6	51.8*	48.8	17.2	353.6	999.9	99.9	999.9	99.1	70.
40.9	103.0	12201.3	180.0	-55.0	99.9	251.0	54.1*	51.1	17.6	356.3	999.9	99.9	999.9	100.8	70.
41.4	104.0	12381.5	175.0	-54.7	99.9	250.8	65.3*	61.6	21.5	359.7	999.9	99.9	999.9	102.1	70.
41.9	105.0	12529.2	171.0	-55.3	99.9	250.4	79.5*	74.9	26.6	361.0	999.9	99.9	999.9	104.5	70.
42.3	106.0	12680.0	167.0	-56.3	99.9	250.6	80.4*	75.9	26.7	361.9	999.9	99.9	999.9	106.8	70.
42.8	107.0	12872.9	162.0	-56.6	99.9	251.5	69.7*	66.2	22.1	364.5	999.9	99.9	999.9	109.8	70.
43.3	108.0	13031.5	158.0	-56.7	99.9	252.6	60.3**	57.6	19.0	366.8	999.9	99.9	999.9	110.8	70.
43.8	109.0	13194.0	154.0	-56.7	99.9	252.5	59.6**	56.8	17.9	369.5	999.9	99.9	999.9	112.3	70.
44.4	110.0	13361.4	150.0	-55.3	99.9	250.7	60.0**	56.6	19.8	374.8	999.9	99.9	999.9	115.7	70.
45.1	111.0	13534.1	146.0	-54.7	99.9	248.9	64.2**	59.9	23.1	378.8	999.9	99.9	999.9	116.4	70.
45.8	112.0	13711.7	142.0	-55.3	99.9	247.9	62.0**	57.4	21.4	380.7	999.9	99.9	999.9	120.6	70.
46.3	113.0	13894.1	138.0	-55.0	99.9	246.2	56.0**	51.3	20.6	384.4	999.9	99.9	999.9	122.0	70.
46.9	114.0	14081.9	134.0	-55.5	99.9	244.3	54.7**	49.3	27.7	386.8	999.9	99.9	999.9	123.5	70.
47.4	115.0	14226.0	131.0	-56.3	99.9	244.4	53.4**	48.2	23.0	387.9	999.9	99.9	999.9	126.2	70.
48.1	116.0	14472.4	126.0	-57.7	99.9	246.1	49.2**	45.0	19.9	389.6	999.9	99.9	999.9	127.0	70.
48.6	117.0	14624.7	123.0	-57.2	99.9	246.7	41.0**	37.7	16.2	393.2	999.9	99.9	999.9	129.7	70.
49.2	118.0	14781.0	120.0	-56.7	99.9	250.7	28.8**	27.2	5.6	396.9	999.9	99.9	999.9	130.4	70.
49.8	119.0	14996.3	116.0	-55.9	99.9	256.2	33.9**	32.9	6.1	402.2	999.9	99.9	999.9	130.9	70.
50.3	120.0	15163.0	113.0	-56.1	99.9	255.0	43.6**	42.1	11.3	405.0	999.9	99.9	999.9	132.4	70.
50.8	121.0	15391.8	109.0	-56.7	99.9	251.7	47.4**	45.0	14.9	407.9	999.9	99.9	999.9	133.9	70.
51.4	122.0	15568.4	106.0	-57.6	99.9	247.8	46.7**	43.2	17.7	409.7	999.9	99.9	999.9	135.6	70.
51.9	123.0	15749.7	103.0	-57.4	99.9	246.6	45.3**	41.5	18.0	413.3	999.9	99.9	999.9	137.0	70.
52.4	124.0	15936.1	100.0	-58.4	99.9	246.5	43.2**	39.6	17.2	414.9	999.9	99.9	999.9	138.4	70.
53.1	125.0	16127.3	97.0	-59.2	99.9	245.2	38.0**	34.5	15.0	416.9	999.9	99.9	999.9	140.0	70.
53.9	126.0	16392.0	93.0	-57.9	99.9	246.6	30.5**	28.0	12.1	424.6	999.9	99.9	999.9	142.0	70.
54.6	127.0	16598.6	90.0	-58.2	99.9	252.9	42.3**	40.5	12.4	428.0	999.9	99.9	999.9	142.1	70.
55.3	128.0	16812.4	87.0	-57.6	99.9	251.7	48.8**	46.3	15.3	433.5	999.9	99.9	999.9	145.4	70.
56.0	129.0	17034.0	84.0	-57.6	99.9	249.0	37.6**	35.1	13.5	437.8	999.9	99.9	999.9	147.1	70.
56.7	130.0	17185.8	82.0	-58.6	99.9	250.8	25.4**	24.0	6.3	438.8	999.9	99.9	999.9	148.5	70.
57.5	131.0	17499.1	78.0	-60.1	99.9	253.4	22.4**	21.5	6.4	442.0	999.9	99.9	999.9	148.7	70.
58.3	132.0	17743.1	75.0	-61.3	99.9	246.7	23.0**	21.1	5.1	444.4	999.9	99.9	999.9	150.7	70.
59.0	133.0	17996.1	72.0	-61.8	99.9	249.8	5.5**	5.2	1.9	448.5	999.9	99.9	999.9	152.5	70.
59.8	134.0	18170.4	70.0	-62.0	99.9	260.3	17.6**	17.4	3.0	451.7	999.9	99.9	999.9	151.2	70.
60.5	135.0	18440.8	67.0	-62.7	99.9	240.0	11.7**	10.1	5.8	455.8	999.9	99.9	999.9	153.9	70.
61.4	136.0	18723.8	64.0	-61.8	99.9	214.0	7.0*	3.9	5.8	463.8	999.9	99.9	999.9	153.5	70.
62.3	137.0	19020.5	61.0	-62.4	99.9	252.0	22.5*	21.4	7.0	469.0	999.9	99.9	999.9	153.3	70.
63.3	138.0	19331.5	58.0	-62.9	99.9	254.9	21.5*	20.7	5.6	474.6	999.9	99.9	999.9	155.6	70.
64.4	139.0	19659.2	55.0	-62.0	99.9	251.8	44.5*	42.3	17.9	484.0	999.9	99.9	999.9	156.4	70.
65.2	140.0	20004.6	52.0	-63.9	99.9	252.1	59.7*	56.8	18.4	487.5	999.9	99.9	999.9	159.3	70.
65.9	141.0	20367.9	49.0	-65.0	99.9	253.1	54.5*	52.1	15.9	493.2	999.9	99.9	999.9	161.9	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
2015 GMT

147 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.7	142.0	20752.2	46.0	-66.0	99.9	252.1	26.8*	25.5	1.2	499.9	999.9	99.9	999.9	164.6	70.
67.8	143.0	21162.9	43.0	-64.6	99.9	251.6	36.9*	35.0	11.7	512.9	999.9	99.9	999.9	164.7	70.
68.9	144.0	21604.3	40.0	-65.0	99.9	256.3	30.3*	29.5	7.2	522.7	999.9	99.9	999.9	168.7	70.
69.6	145.0	21918.0	38.0	-63.7	99.9	276.1	8.4*	8.4	-0.9	533.8	999.9	99.9	999.9	168.8	70.
70.6	146.0	22422.2	35.0	-64.0	99.9	305.6	9.5*	7.7	-5.5	545.5	999.9	99.9	999.9	168.0	70.
72.4	147.0	22976.3	32.0	-60.1	99.9	259.9	33.6*	33.1	5.9	570.2	999.9	99.9	999.9	172.0	70.
73.5	148.0	23590.6	29.0	-60.1	99.9	999.9	99.9	99.9	99.9	586.5	999.9	99.9	999.9	999.9	999.
74.4	149.0	24268.2	26.0	-62.6	99.9	999.9	99.9	99.9	99.9	598.1	999.9	99.9	999.9	999.9	999.
75.8	150.0	25024.8	23.0	-62.4	99.9	999.9	99.9	99.9	99.9	620.0	999.9	99.9	999.9	999.9	999.
77.7	151.0	25885.0	20.0	-63.7	99.9	999.9	99.9	99.9	99.9	641.3	999.9	99.9	999.9	999.9	999.
79.6	152.0	26885.7	17.0	-62.2	99.9	999.9	99.9	99.9	99.9	676.5	999.9	99.9	999.9	999.9	999.
83.0	153.0	28106.0	14.0	-55.0	99.9	999.9	99.9	99.9	99.9	739.7	999.9	99.9	999.9	999.9	999.



STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
2315 GMT

143 53. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	85.0	995.6	5.6	-0.4	320.0	2.1	1.3	-1.6	279.6	289.3	3.7	65.0	0.0	0.
0.3	8.0	147.7	988.0	5.7	-2.7	335.8	6.1	2.5	-5.6	280.2	288.6	3.2	54.7	0.2	152.
0.5	9.0	239.2	977.0	5.3	-2.9	335.8	6.1	2.5	-5.6	280.7	289.1	3.2	55.4	0.2	152.
0.8	10.0	331.7	966.0	4.6	-3.1	334.3	5.9	2.6	-5.3	281.0	289.3	3.2	57.3	0.3	153.
1.2	11.0	442.1	953.0	4.3	-2.5	328.0	6.3	3.3	-5.3	281.7	290.3	3.3	59.5	0.4	153.
1.5	12.0	536.4	942.0	3.3	-3.5	321.5	7.0	4.4	-5.5	281.6	290.0	3.1	61.1	0.5	153.
1.7	13.0	631.6	931.0	2.5	-3.7	314.6	7.6	5.4	-5.3	281.7	289.9	3.1	62.7	0.6	150.
2.0	14.0	718.8	921.0	1.8	-4.7	306.2	8.6	6.9	-5.1	281.9	290.0	3.1	64.5	0.8	147.
2.3	15.0	815.7	910.0	1.5	-4.7	295.5	8.7	7.8	-3.7	282.5	290.7	3.1	65.5	0.9	142.
2.6	16.0	940.6	896.0	1.3	-4.7	286.7	8.9	8.5	-1.6	283.6	292.0	3.1	66.6	1.1	138.
2.9	17.0	1021.8	887.0	0.5	-4.2	280.6	8.9	8.7	-1.6	283.6	292.1	3.2	70.7	1.2	133.
3.2	18.0	1121.9	876.0	-0.1	-3.9	274.9	8.0	8.0	-0.7	284.0	292.7	3.3	75.4	1.3	129.
3.5	19.0	1223.0	865.0	-1.1	-4.0	268.0	6.9	6.9	0.2	284.0	292.8	3.3	80.2	1.5	126.
3.8	20.0	1315.8	855.0	-1.7	-4.0	255.8	6.1	5.9	1.5	284.3	293.2	3.3	84.4	1.5	123.
4.2	21.0	1437.7	842.0	-2.3	-4.7	244.0	5.9	5.3	2.6	284.9	294.0	3.4	88.4	1.6	119.
4.5	22.0	1542.0	831.0	-3.3	-3.8	240.8	6.0	5.3	2.9	285.0	294.3	3.5	95.9	1.7	115.
4.8	23.0	1637.8	821.0	-4.0	-4.1	234.3	6.4	5.2	3.7	285.2	294.4	3.4	99.3	1.7	113.
5.1	24.0	1734.5	811.0	-4.8	-4.9	228.5	6.8	5.1	4.5	285.3	294.2	3.3	99.2	1.8	109.
5.4	25.0	1832.1	801.0	-5.1	-5.1	223.3	7.2	5.0	5.3	286.0	294.9	3.3	100.4	1.8	105.
5.7	26.0	1950.9	789.0	-4.9	-4.5	220.9	7.4	4.8	5.6	287.4	296.6	3.4	100.9	1.9	102.
6.1	27.0	2051.2	779.0	-5.8	-5.0	219.4	7.5	4.7	5.8	287.5	296.2	3.2	101.1	2.0	98.
6.4	28.0	2152.5	769.0	-6.1	-6.7	219.0	8.0	5.0	6.2	288.2	296.8	3.1	101.3	2.1	94.
6.7	29.0	2244.7	760.0	-6.4	-6.7	219.4	8.5	5.4	6.6	288.9	297.4	3.1	101.6	2.1	91.
7.0	30.0	2348.3	750.0	-6.7	-6.7	220.1	9.0	5.8	6.9	289.6	298.1	3.1	101.5	2.2	88.
7.3	31.0	2453.1	740.0	-7.3	-7.3	221.3	9.5	6.3	7.1	290.1	298.3	3.0	101.1	2.4	85.
7.6	32.0	2548.4	731.0	-8.2	-8.2	223.1	10.0	6.8	7.3	290.1	298.0	2.8	101.0	2.5	82.
8.1	33.0	2655.1	721.0	-10.1	-10.1	229.8	11.1	8.5	7.2	289.2	296.0	2.5	100.7	2.7	78.
8.4	34.0	2752.0	712.0	-10.4	-10.4	236.0	12.2	10.1	6.8	289.9	296.7	2.4	100.7	2.9	76.
8.7	35.0	2860.8	702.0	-11.4	-12.7	242.2	13.5	11.9	6.3	289.9	295.9	2.1	92.5	3.1	74.
9.2	36.0	2981.8	691.0	-12.5	-14.0	250.0	15.8	14.8	5.4	289.9	295.2	1.9	88.5	3.6	74.
9.5	37.0	3093.1	681.0	-12.9	-14.4	253.0	17.0	16.3	5.0	290.7	295.9	1.8	88.9	3.9	74.
9.8	38.0	3183.1	673.0	-13.5	-14.8	253.5	17.8	17.1	5.0	291.0	296.1	1.8	89.7	4.2	74.
10.1	39.0	3285.5	664.0	-14.2	-15.4	253.4	18.5	17.7	5.3	291.3	296.3	1.7	90.7	4.5	74.
10.4	40.0	3389.0	655.0	-14.9	-16.0	251.9	19.1	18.2	5.9	291.7	296.5	1.7	90.9	4.9	74.
10.7	41.0	3528.8	643.0	-15.6	-16.1	249.6	19.9	18.6	6.9	292.4	297.1	1.6	91.3	5.2	74.
11.1	42.0	3623.4	635.0	-15.7	-17.0	246.0	20.9	19.1	8.5	293.3	297.9	1.6	89.7	5.7	74.
11.4	43.0	3731.1	626.0	-15.6	-16.7	243.4	21.8	19.5	9.7	294.7	299.6	1.7	93.6	6.1	73.
11.7	44.0	3840.4	617.0	-16.0	-16.9	241.7	22.5	19.8	10.7	295.4	300.3	1.6	92.6	6.5	72.
12.0	45.0	3951.1	608.0	-16.3	-17.3	240.4	23.2	20.2	11.4	296.3	301.1	1.6	91.8	6.9	71.
12.4	46.0	4050.8	600.0	-17.0	-18.0	240.3	23.8	20.6	11.8	296.7	301.2	1.5	91.2	7.4	70.
12.7	47.0	4164.1	591.0	-17.6	-18.6	240.5	24.1	21.0	11.9	297.1	301.5	1.5	90.6	7.9	70.
13.0	48.0	4266.1	583.0	-18.2	-19.1	240.9	24.5	21.4	11.9	297.7	301.9	1.4	90.1	8.3	69.
13.3	49.0	4356.3	576.0	-18.9	-20.7	241.2	25.0	21.9	12.0	297.9	301.9	1.3	90.2	8.7	69.
13.7	50.0	4486.6	566.0	-19.8	-21.6	241.4	25.9	22.7	12.4	298.3	302.1	1.3	89.9	9.3	69.
14.1	51.0	4618.7	556.0	-20.7	-22.0	241.4	26.8	23.5	12.9	298.6	302.2	1.2	89.6	10.0	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
2315 GMT

143 53. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P. DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.4	52.0	4725.8	548.0	-21.6	-22.7	241.1	27.4	24.0	13.2	298.9	302.3	1.1	89.6	10.5	68.
14.7	53.0	4834.0	540.0	-22.5	-23.6	239.9	27.5	23.8	11.8	299.1	302.3	1.0	90.5	11.0	67.
15.0	54.0	4943.6	532.0	-23.0	-24.0	238.3	27.5	23.4	14.5	299.7	302.8	1.0	91.4	11.5	67.
15.4	55.0	5054.4	524.0	-24.0	-25.3	233.9	27.6	22.3	16.2	299.9	302.7	0.9	88.3	12.1	67.
15.9	56.0	5194.9	514.0	-24.8	-26.5	230.0	28.5	21.8	18.3	300.5	303.2	0.9	86.8	12.9	66.
16.3	57.0	5309.0	506.0	-25.4	-27.1	230.2	29.6	22.7	18.9	301.1	303.6	0.8	85.4	13.6	65.
16.7	58.0	5409.9	499.0	-26.3	-28.0	232.1	30.8	24.3	18.9	301.1	303.4	0.7	81.1	14.3	64.
17.1	59.0	5526.6	491.0	-27.0	-29.7	234.6	32.0	26.1	13.5	301.7	303.9	0.7	81.3	15.0	63.
17.5	60.0	5644.9	483.0	-28.1	-30.6	237.1	33.5	28.1	13.2	301.8	303.8	0.6	78.9	15.8	63.
17.8	61.0	5749.5	476.0	-29.0	-31.7	239.3	35.1	30.1	17.9	301.9	303.7	0.6	77.4	16.4	63.
18.1	62.0	5855.3	469.0	-29.7	-32.7	241.3	36.8	32.3	17.7	302.4	304.0	0.5	74.3	17.0	63.
18.5	63.0	5977.9	461.0	-30.6	-33.7	243.9	39.4	35.3	17.3	302.7	304.2	0.5	73.6	17.9	63.
18.8	64.0	6086.4	454.0	-31.4	-34.7	245.1	41.5	37.7	17.5	303.0	304.5	0.4	72.3	18.7	63.
19.2	65.0	6196.3	447.0	-32.0	-35.1	246.1	44.7	40.9	16.1	303.5	304.9	0.4	72.2	19.7	63.
19.7	66.0	6339.6	438.0	-33.2	-36.5	246.4	49.0	44.9	15.6	303.8	305.0	0.4	72.1	21.0	63.
20.0	67.0	6452.8	431.0	-33.5	-36.9	246.4	51.5	47.2	20.6	304.8	306.1	0.4	71.4	22.1	63.
20.5	68.0	6584.2	423.0	-34.2	-37.6	246.2	54.7	50.0	22.1	305.6	306.8	0.3	70.7	23.6	64.
20.9	69.0	6701.0	416.0	-34.3	-37.7	245.6	58.0	52.8	24.0	306.9	308.1	0.3	70.7	25.0	64.
21.2	70.0	6819.9	409.0	-33.5	-36.5	244.9	61.4	55.6	26.0	309.4	310.8	0.4	74.1	25.9	64.
21.7	71.0	6958.6	401.0	-33.5	-36.2	243.7	67.4	60.4	25.8	311.2	312.6	0.4	76.7	27.8	64.
22.0	72.0	7082.0	394.0	-34.3	-37.0	243.1	70.6	63.0	31.0	311.7	313.0	0.4	73.9	29.3	64.
22.3	73.0	7189.3	388.0	-34.9	-38.1	242.6	71.9	63.8	33.1	312.4	313.6	0.3	69.6	30.6	64.
22.7	74.0	7316.2	381.0	-35.7	-39.7	242.0	72.7	64.2	31.1	312.9	314.1	0.3	69.6	32.2	64.
23.0	75.0	7426.5	375.0	-36.2	-39.7	241.6	72.5	63.7	34.5	313.6	314.7	0.3	69.6	33.5	64.
23.3	76.0	7557.0	368.0	-37.3	-40.8	241.0	71.7	62.8	34.8	313.9	314.9	0.3	69.5	35.0	64.
23.6	77.0	7689.6	361.0	-37.7	-41.1	240.6	71.3	62.1	35.0	315.1	316.1	0.3	69.7	36.3	63.
24.0	78.0	7805.0	355.0	-38.8	-42.1	240.2	71.6	62.1	35.6	315.1	316.0	0.3	70.5	37.7	63.
24.3	79.0	7921.9	349.0	-39.3	-42.7	240.1	73.0	63.3	36.3	315.9	316.8	0.2	70.0	39.1	63.
24.6	80.0	8040.4	343.0	-40.1	-43.0	240.0	74.3*	64.4	37.1	316.4	999.9	99.9	999.9	40.5	63.
25.1	81.0	8201.1	335.0	-41.4	-44.0	239.7	76.3*	65.9	38.5	316.9	999.9	99.9	999.9	42.8	63.
25.5	82.0	8323.4	329.0	-42.8	-45.0	239.3	77.4*	66.6	39.5	316.6	999.9	99.9	999.9	44.4	63.
25.9	83.0	8468.1	322.0	-44.1	-46.0	239.0	77.2*	66.1	39.8	316.8	999.9	99.9	999.9	46.5	63.
26.4	84.0	8572.8	317.0	-45.4	-47.0	238.5	74.5*	63.5	39.0	316.4	999.9	99.9	999.9	48.8	62.
26.8	85.0	8700.0	311.0	-46.4	-48.0	237.8	72.2*	61.1	38.4	316.7	999.9	99.9	999.9	50.6	62.
27.3	86.0	8850.7	304.0	-47.8	-49.0	237.2	71.2*	59.8	38.6	316.7	999.9	99.9	999.9	52.4	62.
27.7	87.0	8959.9	299.0	-49.0	-50.0	237.2	72.6*	61.0	39.4	316.5	999.9	99.9	999.9	54.3	62.
28.2	88.0	9092.6	293.0	-50.3	-51.0	237.5	76.5*	64.5	41.1	316.7	999.9	99.9	999.9	56.5	62.
28.6	89.0	9227.4	287.0	-51.3	-52.0	237.7	79.3*	67.0	42.4	317.0	999.9	99.9	999.9	57.9	62.
28.9	90.0	9341.2	282.0	-52.6	-53.0	237.7	79.2*	67.0	42.3	316.8	999.9	99.9	999.9	60.2	62.
29.2	91.0	9480.3	276.0	-52.3	-53.0	237.9	77.2*	65.4	41.0	319.2	999.9	99.9	999.9	61.7	61.
29.6	92.0	9598.3	271.0	-53.2	-54.0	238.3	74.2*	63.1	39.0	319.5	999.9	99.9	999.9	63.1	61.
30.0	93.0	9718.1	266.0	-53.7	-54.0	238.8	74.1*	63.4	38.3	320.5	999.9	99.9	999.9	64.5	61.
30.4	94.0	9864.4	260.0	-54.8	-55.0	239.1	77.2*	66.3	39.7	320.9	999.9	99.9	999.9	66.6	61.
30.9	95.0	9988.3	255.0	-55.7	-56.0	239.3	79.5*	68.3	40.6	321.5	999.9	99.9	999.9	69.1	61.
31.4	96.0	10165.3	248.0	-56.5	-57.0	239.5	81.0*	69.8	41.1	322.8	999.9	99.9	999.9	71.2	61.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
2315 GMT

143 53. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
31.9	97.0	10294.5	243.0	-56.7	99.9	239.5	79.6*	68.6	40.4	324.5	999.9	99.9	999.9	73.8	61.
32.3	98.0	10426.5	238.0	-56.3	99.9	239.4	74.0*	63.7	37.7	326.9	999.9	99.9	999.9	76.1	61.
32.8	99.0	10534.2	234.0	-55.8	99.9	239.5	68.2*	58.8	34.6	329.3	999.9	99.9	999.9	77.8	61.
33.2	100.0	10672.1	229.0	-54.7	99.9	240.2	69.5*	60.3	34.6	333.1	999.9	99.9	999.9	79.1	61.
33.7	101.0	10842.0	223.0	-54.7	99.9	240.8	74.7*	65.2	36.5	335.6	999.9	99.9	999.9	81.4	61.
34.1	102.0	10986.9	218.0	-55.2	99.9	240.6	74.4*	64.8	36.5	337.0	999.9	99.9	999.9	83.5	61.
34.5	103.0	11134.9	213.0	-55.8	99.9	239.5	67.1*	57.8	34.0	338.2	999.9	99.9	999.9	86.3	61.
34.9	104.0	11255.5	209.0	-56.0	99.9	238.9	66.6*	57.1	34.4	339.8	999.9	99.9	999.9	86.3	61.
35.3	105.0	11378.2	205.0	-56.7	99.9	239.4	74.8*	64.4	38.0	340.6	999.9	99.9	999.9	87.7	61.
35.7	106.0	11534.4	200.0	-57.7	99.9	240.2	81.6*	70.8	40.6	341.4	999.9	99.9	999.9	90.1	61.
36.2	107.0	11661.8	196.0	-58.0	99.9	241.1	76.4*	66.9	37.0	342.9	999.9	99.9	999.9	93.3	61.
36.6	108.0	11824.7	191.0	-58.0	99.9	242.1	62.0*	54.8	29.0	345.4	999.9	99.9	999.9	95.0	61.
37.1	109.0	11957.9	187.0	-58.4	99.9	244.8	46.1*	41.7	19.6	346.9	999.9	99.9	999.9	96.1	61.
37.6	110.0	12094.0	183.0	-58.2	99.9	247.0	45.7*	42.1	17.8	349.4	999.9	99.9	999.9	97.1	61.
38.3	111.0	12268.4	178.0	-58.4	99.9	246.7	59.8*	54.9	27.7	351.9	999.9	99.9	999.9	99.3	61.
38.9	112.0	12411.3	174.0	-58.6	99.9	247.0	64.8*	59.6	25.3	353.9	999.9	99.9	999.9	102.1	61.
39.4	113.0	12557.5	170.0	-58.6	99.9	247.7	63.4*	58.7	24.0	356.2	999.9	99.9	999.9	103.5	61.
39.9	114.0	12707.1	166.0	-58.7	99.9	248.2	59.9*	55.6	22.2	358.4	999.9	99.9	999.9	105.8	61.
40.3	115.0	12860.3	162.0	-58.6	99.9	248.7	57.0*	53.1	20.7	361.2	999.9	99.9	999.9	107.2	61.
41.0	116.0	13057.3	157.0	-58.7	99.9	249.3	58.9*	55.1	20.8	364.1	999.9	99.9	999.9	108.8	62.
41.6	117.0	13219.5	153.0	-58.6	99.9	248.8	69.4**	64.7	25.1	367.1	999.9	99.9	999.9	111.6	62.
42.1	118.0	13344.0	150.0	-58.4	99.9	249.4	71.7**	67.1	25.3	369.5	999.9	99.9	999.9	113.3	62.
42.6	119.0	13514.3	146.0	-57.7	99.9	251.2	62.0**	58.7	20.0	373.6	999.9	99.9	999.9	116.8	62.
43.1	120.0	13645.6	143.0	-57.0	99.9	254.0	46.5**	44.7	12.8	377.0	999.9	99.9	999.9	117.0	62.
43.6	121.0	13825.5	139.0	-56.2	99.9	255.7	34.6**	33.6	8.5	381.6	999.9	99.9	999.9	119.3	62.
44.2	122.0	13964.4	136.0	-55.5	99.9	253.0	35.0**	33.5	10.2	385.1	999.9	99.9	999.9	119.3	62.
44.7	123.0	14155.0	132.0	-55.0	99.9	249.7	44.1**	41.3	10.3	389.3	999.9	99.9	999.9	120.5	63.
45.3	124.0	14301.7	129.0	-55.5	99.9	246.4	48.1**	44.1	10.2	391.0	999.9	99.9	999.9	123.0	63.
45.8	125.0	14502.1	125.0	-56.3	99.9	244.1	46.0**	41.3	20.1	393.0	999.9	99.9	999.9	123.9	63.
46.6	126.0	14656.3	122.0	-56.7	99.9	243.1	54.1**	48.3	24.4	395.1	999.9	99.9	999.9	126.4	63.
47.3	127.0	14813.7	119.0	-58.0	99.9	244.7	60.1**	54.4	25.7	395.5	999.9	99.9	999.9	128.8	63.
47.9	128.0	15029.2	115.0	-57.9	99.9	246.5	52.7**	48.3	21.0	399.7	999.9	99.9	999.9	131.1	63.
48.5	129.0	15195.8	112.0	-58.0	99.9	248.0	42.7**	39.6	16.0	402.4	999.9	99.9	999.9	132.5	63.
49.0	130.0	15366.9	109.0	-58.0	99.9	249.5	33.7**	31.6	11.8	405.5	999.9	99.9	999.9	133.9	63.
49.7	131.0	15602.7	105.0	-57.7	99.9	252.9	22.6**	21.6	6.7	410.5	999.9	99.9	999.9	135.0	63.
50.3	132.0	15785.9	102.0	-57.0	99.9	251.4	26.1**	24.7	8.3	415.3	999.9	99.9	999.9	135.3	63.
50.9	133.0	15974.9	99.0	-57.2	99.9	247.8	35.3**	32.7	13.3	418.5	999.9	99.9	999.9	136.7	63.
51.5	134.0	16103.8	97.0	-57.9	99.9	244.3	48.1**	43.3	20.9	419.6	999.9	99.9	999.9	137.8	63.
52.1	135.0	16301.8	94.0	-58.0	99.9	241.7	58.1**	51.1	27.5	423.0	999.9	99.9	999.9	139.8	63.
52.9	136.0	16575.8	90.0	-58.0	99.9	239.1	34.6**	29.7	17.8	428.3	999.9	99.9	999.9	143.5	63.
53.7	137.0	16789.2	87.0	-58.6	99.9	244.9	33.3**	30.2	11.1	431.5	999.9	99.9	999.9	143.2	63.
54.6	138.0	17009.0	84.0	-60.0	99.9	249.0	38.9**	36.3	17.9	432.9	999.9	99.9	999.9	147.0	63.
55.4	139.0	17236.4	81.0	-59.4	99.9	309.1	4.7**	3.6	-2.9	438.6	999.9	99.9	999.9	147.1	63.
56.2	140.0	17472.4	78.0	-60.0	99.9	33.5	7.2**	-4.0	-6.0	442.2	999.9	99.9	999.9	146.9	63.
57.0	141.0	17716.3	75.0	-61.6	99.9	246.7	26.6**	24.4	10.5	443.7	999.9	99.9	999.9	146.4	63.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

6 FEBRUARY 1975  
2315 GMT

143 53. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.8	142.0	17968.5	72.0	-62.9	99.9	249.0	24.6*	22.9	8.8	446.2	999.9	99.9	999.9	149.0	63.
58.8	143.0	18230.4	69.0	-63.1	99.9	249.5	38.7*	36.2	15.5	451.2	999.9	99.9	999.9	150.7	63.
59.9	144.0	18504.5	66.0	-62.2	99.9	251.3	21.0*	19.9	6.7	459.1	999.9	99.9	999.9	152.3	63.
61.3	145.0	18791.4	63.0	-63.1	99.9	261.0	17.3*	17.1	2.7	463.1	999.9	99.9	999.9	153.1	64.
62.9	146.0	18990.4	61.0	-62.0	99.9	251.7	15.9*	15.1	5.0	469.9	999.9	99.9	999.9	156.0	64.
64.5	147.0	19301.0	58.0	-63.7	99.9	243.8	35.8*	32.1	15.8	472.9	999.9	99.9	999.9	158.2	64.
66.4	148.0	19627.0	55.0	-63.5	99.9	243.8	24.1**	21.6	10.6	480.6	999.9	99.9	999.9	164.5	64.
68.6	149.0	19853.5	53.0	-65.3	99.9	999.9	99.9	99.9	99.9	481.6	999.9	99.9	999.9	999.9	999.

STATION NO. 405  
STERLING, VA

7 FEBRUARY 1975  
515 GMT

140 55. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	85.0	997.1	0.7	-1.7	250.0	3.1	2.9	1.1	274.5	283.2	3.4	84.0	0.0	0.
0.3	7.0	167.2	987.0	3.4	0.2	298.1	7.4	6.5	-3.5	278.1	288.3	3.9	79.5	0.1	103.
0.6	8.0	249.9	977.0	3.1	-1.7	298.6	7.6	6.7	-3.6	278.5	287.9	3.6	73.8	0.2	106.
0.9	9.0	341.6	966.0	2.6	-1.5	299.9	8.3	7.2	-4.1	278.9	288.2	3.5	74.1	0.3	111.
1.2	10.0	434.1	955.0	1.6	-2.2	302.9	8.6	7.2	-4.7	278.8	287.7	3.4	75.6	0.5	114.
1.5	11.0	553.1	941.0	1.0	-2.0	306.7	8.8	7.1	-5.3	279.4	288.4	3.4	79.0	0.6	117.
1.9	12.0	638.9	931.0	-0.0	-2.4	312.2	9.2	6.8	-6.2	279.2	288.2	3.4	83.8	0.8	120.
2.2	13.0	734.0	920.0	-0.8	-2.6	313.7	10.1	7.3	-7.0	279.4	288.2	3.4	86.4	1.0	123.
2.5	14.0	830.0	909.0	-1.7	-3.4	314.0	11.3	8.1	-7.8	279.3	287.9	3.3	88.3	1.2	124.
2.8	15.0	926.9	898.0	-2.4	-3.8	314.1	12.2	8.7	-8.5	279.6	288.1	3.2	89.7	1.4	126.
3.1	16.0	1042.6	885.0	-3.1	-4.3	313.6	12.8	9.2	-8.8	280.0	288.3	3.1	91.7	1.6	127.
3.3	17.0	1132.5	875.0	-3.9	-5.1	312.4	12.8	9.4	-8.6	280.1	288.0	3.0	91.3	1.8	128.
3.7	18.0	1232.3	864.0	-4.7	-5.7	309.8	12.9	9.9	-8.3	280.3	288.0	2.9	92.2	2.1	128.
4.0	19.0	1323.9	854.0	-5.7	-6.0	307.5	13.0	10.3	-7.9	280.1	287.5	2.8	94.5	2.3	128.
4.3	20.0	1425.5	843.0	-6.3	-6.7	306.7	12.8	10.3	-7.6	280.5	287.9	2.8	97.6	2.6	128.
4.6	21.0	1537.5	831.0	-7.2	-7.5	306.1	12.6	10.2	-7.4	280.7	287.7	2.6	97.5	2.8	128.
5.0	22.0	1631.8	821.0	-7.9	-8.4	306.1	12.1	9.8	-7.1	280.9	287.5	2.5	96.6	3.1	128.
5.3	23.0	1727.2	811.0	-7.5	-10.5	306.1	12.1	9.8	-7.1	282.3	288.1	2.1	78.8	3.3	128.
5.6	24.0	1823.9	801.0	-7.5	-11.8	304.9	11.7	9.6	-6.7	283.3	288.6	1.9	71.4	3.5	128.
5.9	25.0	1921.7	791.0	-8.1	-12.2	301.2	10.8	9.2	-5.6	283.7	288.9	1.9	72.4	3.7	127.
6.3	26.0	2040.3	779.0	-9.0	-12.6	298.1	10.8	9.6	-5.1	284.0	289.0	1.8	72.9	4.0	127.
6.6	27.0	2140.3	769.0	-9.4	-13.7	295.9	11.1	10.0	-4.9	284.5	289.5	1.8	73.3	4.2	126.
6.9	28.0	2241.5	759.0	-9.5	-13.9	292.6	11.2	10.4	-4.3	285.4	290.3	1.7	70.5	4.4	126.
7.2	29.0	2343.9	749.0	-10.3	-14.4	287.9	11.3	10.7	-3.5	285.7	290.4	1.7	71.4	4.6	125.
7.5	30.0	2447.4	739.0	-10.5	-14.8	282.7	11.4	11.2	-2.5	286.5	291.2	1.6	71.0	4.8	125.
7.8	31.0	2541.7	730.0	-11.1	-15.4	276.5	11.6	11.5	-1.3	286.9	291.4	1.6	70.6	5.0	124.
8.1	32.0	2636.9	721.0	-11.7	-15.7	270.8	11.9	11.9	-0.2	287.3	291.7	1.6	71.8	5.1	122.
8.4	33.0	2743.8	711.0	-12.3	-15.0	266.0	12.1	12.1	0.8	287.8	292.4	1.6	76.4	5.3	121.
8.7	34.0	2841.1	702.0	-13.0	-16.0	262.8	12.4	12.3	1.6	288.1	292.3	1.5	74.2	5.5	120.
9.0	35.0	2950.5	692.0	-13.4	-16.7	260.4	12.6	12.5	2.1	288.8	293.2	1.5	78.5	5.7	118.
9.4	36.0	3061.1	682.0	-14.6	-16.7	258.9	13.4	13.1	2.6	288.6	292.9	1.5	84.4	5.9	116.
9.7	37.0	3172.8	672.0	-15.5	-17.6	257.1	14.3	14.0	3.2	288.9	293.0	1.4	83.6	6.1	115.
10.1	38.0	3274.7	663.0	-15.3	-18.5	254.5	16.1	15.5	4.3	290.1	294.0	1.3	76.4	6.4	113.
10.4	39.0	3378.0	654.0	-15.6	-19.0	252.1	17.9	17.0	5.5	290.9	294.7	1.3	75.2	6.6	111.
10.7	40.0	3470.8	646.0	-16.0	-19.7	249.8	19.8	18.6	6.8	291.5	295.3	1.3	76.3	6.9	110.
11.1	41.0	3600.0	635.0	-17.0	-19.7	247.2	22.3	20.6	8.7	291.8	295.5	1.2	78.5	7.3	107.
11.4	42.0	3707.1	626.0	-17.4	-20.7	245.6	24.1	21.9	10.0	292.5	296.2	1.2	78.5	7.6	105.
11.7	43.0	3815.5	617.0	-18.1	-20.8	244.5	25.5	23.0	11.0	293.0	296.5	1.2	78.9	7.9	103.
12.0	44.0	3925.3	608.0	-18.8	-21.4	243.7	26.7	24.0	11.8	293.4	296.8	1.1	79.3	8.3	101.
12.3	45.0	4023.8	600.0	-19.7	-22.0	243.0	27.3	24.3	12.4	293.4	296.7	1.1	81.6	8.7	99.
12.6	46.0	4136.1	591.0	-19.8	-21.0	242.1	27.7	24.5	13.0	294.5	297.9	1.1	84.1	9.2	97.
12.9	47.0	4237.1	583.0	-20.6	-23.1	240.7	27.9	24.3	13.7	294.7	297.8	1.0	80.6	9.6	95.
13.2	48.0	4339.3	575.0	-21.2	-23.7	239.1	28.2	24.2	14.5	295.3	298.2	1.0	80.0	10.0	93.
13.5	49.0	4442.6	567.0	-21.7	-24.2	237.5	28.6	24.1	15.4	295.8	298.7	0.9	80.2	10.4	92.
13.8	50.0	4560.4	558.0	-22.4	-24.7	236.4	29.3	24.4	16.2	296.4	299.2	0.9	81.2	10.8	90.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

7 FEBRUARY 1975  
515 GMT

140 55. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.3	51.0	4679.6	549.0	-23.6	-25.6	234.8	30.1	24.6	17.3	296.3	299.0	0.9	83.7	11.6	88.
14.6	52.0	4800.3	540.0	-24.3	-26.3	233.8	30.2	24.4	17.8	296.9	299.5	0.8	83.1	12.1	86.
14.8	53.0	4908.9	532.0	-25.3	-27.3	233.1	30.1	24.1	18.1	296.9	299.2	0.7	81.5	12.4	85.
15.2	54.0	5018.8	524.0	-26.0	-28.0	231.4	29.8	23.3	18.6	297.4	299.6	0.7	80.1	13.0	84.
15.5	55.0	5130.0	516.0	-26.9	-29.1	230.0	29.4	22.6	13.9	297.6	299.6	0.7	81.2	13.4	82.
15.9	56.0	5270.9	506.0	-28.1	-30.2	227.1	28.9	21.2	19.7	297.8	299.7	0.6	81.8	14.0	81.
16.2	57.0	5385.1	498.0	-29.2	-31.2	224.2	28.5	19.9	20.4	297.8	299.6	0.6	82.0	14.5	80.
16.5	58.0	5500.7	490.0	-30.0	-32.1	220.9	28.1	18.4	21.2	298.2	299.9	0.5	81.3	14.9	78.
16.9	59.0	5617.7	482.0	-30.9	-33.0	215.6	27.7	16.1	22.5	298.5	300.1	0.5	81.2	15.4	77.
17.2	60.0	5721.4	475.0	-31.8	-33.8	211.8	27.6	14.5	23.5	298.6	300.1	0.5	82.5	15.8	76.
17.5	61.0	5841.3	467.0	-32.5	-34.2	208.1	27.7	13.1	24.4	299.2	300.7	0.4	84.5	16.2	74.
17.9	62.0	5947.6	460.0	-33.4	-35.3	205.5	28.1	12.1	25.4	299.3	300.6	0.4	82.0	16.5	73.
18.3	63.0	6055.1	453.0	-34.4	-36.6	205.6	29.0	12.5	26.2	299.5	300.7	0.4	79.9	17.0	71.
18.6	64.0	6179.4	445.0	-35.4	-37.6	206.9	29.9	13.5	26.7	299.6	300.7	0.3	80.3	17.4	70.
19.0	65.0	6289.6	438.0	-36.5	-39.3	210.1	31.6	15.9	27.3	299.6	300.6	0.3	74.9	17.7	68.
19.4	66.0	6433.2	429.0	-37.7	-41.2	212.7	32.5	17.5	27.3	299.9	300.7	0.2	69.6	18.5	67.
19.7	67.0	6546.4	422.0	-39.0	-42.6	213.7	32.0	17.8	26.6	299.7	300.4	0.2	67.7	19.1	66.
20.0	68.0	6660.9	415.0	-39.9	-43.4	214.4	31.1	17.5	25.6	299.9	300.5	0.2	68.7	19.7	65.
20.3	69.0	6776.8	408.0	-41.2	99.9	216.4	30.3	18.0	24.4	299.8	999.9	99.9	999.9	20.1	64.
20.6	70.0	6894.2	401.0	-41.7	99.9	219.4	30.3	19.3	23.4	300.6	999.9	99.9	999.9	20.5	63.
21.1	71.0	7030.8	393.0	-42.0	99.9	227.1	33.6	24.6	22.9	301.9	999.9	99.9	999.9	21.2	62.
21.4	72.0	7152.3	386.0	-42.6	99.9	231.2	36.6	28.5	22.9	302.8	999.9	99.9	999.9	22.0	62.
21.7	73.0	7258.2	380.0	-42.0	99.9	234.1	39.0	31.6	22.9	304.9	999.9	99.9	999.9	22.7	62.
22.1	74.0	7384.0	373.0	-42.4	99.9	236.9	42.0	35.2	22.9	305.9	999.9	99.9	999.9	23.6	61.
22.4	75.0	7512.0	366.0	-42.6	99.9	238.2	44.2	37.5	21.3	307.4	999.9	99.9	999.9	24.4	61.
22.8	76.0	7623.6	360.0	-42.6	99.9	238.9	48.1	41.2	26.9	308.9	999.9	99.9	999.9	25.4	61.
23.2	77.0	7737.1	354.0	-42.7	99.9	238.9	52.7	45.1	27.2	310.1	999.9	99.9	999.9	26.6	61.
23.5	78.0	7871.9	347.0	-42.7	99.9	238.7	56.5	48.3	29.4	311.9	999.9	99.9	999.9	27.6	61.
23.9	79.0	7989.7	341.0	-42.7	99.9	238.4	60.4	51.4	31.7	313.5	999.9	99.9	999.9	29.0	61.
24.3	80.0	8109.4	335.0	-43.1	99.9	238.1	61.6	52.3	32.5	314.5	999.9	99.9	999.9	30.6	61.
24.7	81.0	8292.7	326.0	-43.6	99.9	237.6	60.6	51.2	32.4	316.4	999.9	99.9	999.9	32.2	61.
25.2	82.0	8396.5	321.0	-44.1	99.9	236.5	58.1	48.4	32.1	317.0	999.9	99.9	999.9	33.9	61.
25.6	83.0	8523.1	315.0	-44.1	99.9	235.3	57.2	47.0	32.6	318.7	999.9	99.9	999.9	35.2	60.
26.1	84.0	8652.0	309.0	-44.4	99.9	233.9	57.7	46.6	34.0	320.1	999.9	99.9	999.9	36.9	60.
26.6	85.0	8783.2	303.0	-45.1	99.9	232.8	58.6	46.7	35.4	320.9	999.9	99.9	999.9	38.8	60.
27.2	86.0	8919.1	296.0	-45.6	99.9	232.2	60.6	47.9	37.1	322.4	999.9	99.9	999.9	40.6	59.
27.7	87.0	9075.6	290.0	-45.7	99.9	232.4	60.6	48.0	37.0	324.1	999.9	99.9	999.9	42.7	59.
28.2	88.0	9191.4	285.0	-45.9	99.9	233.1	58.6	46.9	35.1	325.5	999.9	99.9	999.9	44.4	59.
28.7	89.0	9332.9	279.0	-46.6	99.9	234.2	57.6	46.8	33.7	326.4	999.9	99.9	999.9	46.1	59.
29.2	90.0	9452.7	274.0	-47.3	99.9	235.1	60.2	49.4	34.4	327.1	999.9	99.9	999.9	47.8	58.
29.7	91.0	9598.9	268.0	-48.2	99.9	235.3	64.9*	53.4	36.9	327.8	999.9	99.9	999.9	49.6	58.
30.2	92.0	9722.8	263.0	-48.2	99.9	235.1	67.5*	55.3	34.6	328.7	999.9	99.9	999.9	51.7	58.
30.7	93.0	9874.1	257.0	-49.7	99.9	234.6	65.3*	53.2	37.9	329.6	999.9	99.9	999.9	54.0	58.
31.2	94.0	10002.6	252.0	-50.2	99.9	234.0	61.6*	49.9	36.2	330.7	999.9	99.9	999.9	55.6	58.
31.6	95.0	10133.3	247.0	-50.8	99.9	233.8	59.4*	47.9	35.1	331.7	999.9	99.9	999.9	56.9	58.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

7 FEBRUARY 1975  
515 GMT

140 55. 0

TIME MIN	ENTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
14.3	51.0	4679.6	549.0	=23.6	=25.6	234.8	30.1	24.6	17.3	296.3	299.0	0.9	83.7	11.6	86.
14.6	52.0	4800.3	540.0	=24.3	=26.3	233.8	30.2	24.4	17.8	296.9	299.5	0.8	83.1	12.1	86.
14.8	53.0	4908.9	532.0	=25.3	=27.3	233.1	30.1	24.1	18.1	296.9	299.2	0.7	81.5	12.4	85.
15.2	54.0	5018.8	524.0	=26.0	=28.0	231.4	29.8	23.3	18.6	297.4	299.6	0.7	80.1	13.0	84.
15.5	55.0	5130.0	516.0	=26.9	=29.0	230.0	29.4	22.6	13.9	297.6	299.6	0.7	81.2	13.4	82.
15.9	56.0	5270.9	506.0	=28.1	=30.0	227.1	28.9	21.2	13.7	297.8	299.7	0.6	81.8	14.0	81.
16.2	57.0	5385.1	498.0	=29.2	=31.2	224.2	28.5	19.9	20.4	297.8	299.6	0.6	82.0	14.5	80.
16.5	58.0	5500.7	490.0	=30.0	=32.1	220.9	28.1	18.4	21.2	298.2	299.9	0.5	81.3	14.9	78.
16.9	59.0	5617.7	482.0	=30.9	=33.0	215.6	27.7	16.1	22.5	298.5	300.1	0.5	81.2	15.4	77.
17.2	60.0	5721.4	475.0	=31.8	=33.0	211.8	27.6	14.5	23.5	298.6	300.1	0.5	82.5	15.8	76.
17.5	61.0	5841.3	467.0	=32.5	=34.0	208.1	27.7	13.1	24.4	299.2	300.7	0.4	84.5	16.2	74.
17.9	62.0	5947.6	460.0	=33.4	=35.0	205.5	28.1	12.1	25.4	299.3	300.6	0.4	82.0	16.5	73.
18.3	63.0	6055.1	453.0	=34.4	=36.0	205.6	29.0	12.5	26.2	299.5	300.7	0.4	79.9	17.0	71.
18.6	64.0	6179.4	445.0	=35.4	=37.0	206.9	29.9	13.5	26.7	299.6	300.7	0.3	80.3	17.4	70.
19.0	65.0	6289.6	438.0	=36.5	=39.0	210.1	31.6	15.9	27.3	299.6	300.6	0.3	74.9	17.7	68.
19.4	66.0	6433.2	429.0	=37.7	=41.2	212.7	32.5	17.5	27.3	299.9	300.7	0.2	69.6	18.5	67.
19.7	67.0	6546.4	422.0	=39.0	=42.0	213.7	32.0	17.8	26.6	299.7	300.4	0.2	67.7	19.1	66.
20.0	68.0	6660.9	415.0	=39.9	=43.0	214.4	31.1	17.5	25.6	299.9	300.5	0.2	68.7	19.7	65.
20.3	69.0	6776.2	408.0	=41.2	99.9	216.4	30.3	18.0	24.4	299.8	999.9	99.9	999.9	20.1	64.
20.6	70.0	6894.2	401.0	=41.7	99.9	219.4	30.3	19.3	23.4	300.6	999.9	99.9	999.9	20.5	63.
21.1	71.0	7030.8	393.0	=42.0	99.9	227.1	33.6	24.6	22.9	301.9	999.9	99.9	999.9	21.2	62.
21.4	72.0	7152.3	386.0	=42.6	99.9	231.2	36.6	28.5	22.9	302.8	999.9	99.9	999.9	22.0	62.
21.7	73.0	7254.2	380.0	=42.0	99.9	234.1	39.0	31.6	21.9	304.9	999.9	99.9	999.9	22.7	62.
22.1	74.0	7344.0	373.0	=42.4	99.9	236.9	42.0	35.2	22.9	305.9	999.9	99.9	999.9	23.6	61.
22.4	75.0	7512.0	366.0	=42.6	99.9	238.2	44.2	37.5	23.3	307.4	999.9	99.9	999.9	24.4	61.
22.8	76.0	7623.6	360.0	=42.6	99.9	238.9	48.1	41.2	24.9	308.9	999.9	99.9	999.9	25.4	61.
23.2	77.0	7737.1	354.0	=42.7	99.9	238.9	52.7	45.1	24.2	310.1	999.9	99.9	999.9	26.6	61.
23.5	78.0	7871.9	347.0	=42.7	99.9	238.7	56.5	48.3	24.4	311.9	999.9	99.9	999.9	27.6	61.
23.9	79.0	7989.7	341.0	=42.7	99.9	238.4	60.4	51.4	31.7	313.5	999.9	99.9	999.9	29.0	61.
24.3	80.0	8109.4	335.0	=43.1	99.9	238.1	61.6	52.3	30.5	314.5	999.9	99.9	999.9	30.6	61.
24.7	81.0	8292.7	326.0	=43.6	99.9	237.6	60.6	51.2	32.4	316.4	999.9	99.9	999.9	32.2	61.
25.2	82.0	8396.5	321.0	=44.1	99.9	236.5	58.1	48.4	32.1	317.0	999.9	99.9	999.9	33.9	61.
25.6	83.0	8523.1	315.0	=44.1	99.9	235.3	57.2	47.0	32.6	318.7	999.9	99.9	999.9	35.2	60.
26.1	84.0	8652.0	309.0	=44.4	99.9	233.9	57.7	46.6	34.0	320.1	999.9	99.9	999.9	36.9	60.
26.6	85.0	8783.2	303.0	=45.1	99.9	232.8	58.6	46.7	35.4	320.9	999.9	99.9	999.9	38.8	60.
27.2	86.0	8939.1	296.0	=45.6	99.9	232.2	60.6	47.9	37.1	322.4	999.9	99.9	999.9	40.6	59.
27.7	87.0	9075.6	290.0	=45.7	99.9	232.4	60.6	48.0	37.0	324.1	999.9	99.9	999.9	42.7	59.
28.2	88.0	9191.4	285.0	=45.9	99.9	233.1	58.6	46.9	35.1	325.5	999.9	99.9	999.9	44.4	59.
28.7	89.0	9332.9	279.0	=46.6	99.9	234.2	57.6	46.8	33.7	326.4	999.9	99.9	999.9	46.1	59.
29.2	90.0	9452.7	274.0	=47.3	99.9	235.1	60.2	49.4	34.4	327.1	999.9	99.9	999.9	47.8	58.
29.7	91.0	9598.9	268.0	=48.2	99.9	235.3	64.9*	53.4	30.9	327.8	999.9	99.9	999.9	49.6	58.
30.2	92.0	9722.8	263.0	=48.8	99.9	235.1	67.5*	55.3	33.6	328.7	999.9	99.9	999.9	51.7	58.
30.7	93.0	9874.1	257.0	=49.7	99.9	234.6	65.3*	53.2	37.9	329.6	999.9	99.9	999.9	54.0	58.
31.2	94.0	10002.6	252.0	=50.2	99.9	234.0	61.6*	49.9	36.2	330.7	999.9	99.9	999.9	55.6	58.
31.6	95.0	10133.3	247.0	=50.8	99.9	233.8	59.4*	47.9	35.1	331.7	999.9	99.9	999.9	56.9	58.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

7 FEBRUARY 1975  
515 GMT

140 55. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW P* DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RFO GM/KG	RH PCT	RANGE KM	AZ DEG
32.3	96.0	10293.2	241.0	-51.6	99.9	233.6	57.5*	46.3	34.1	332.9	999.9	99.9	999.9	59.7	58.
32.7	97.0	10429.3	236.0	-51.4	99.9	233.5	61.4*	49.4	38.5	335.1	999.9	99.9	999.9	60.6	58.
33.2	98.0	10568.4	231.0	-51.6	99.9	233.8	68.8*	55.5	40.6	337.0	999.9	99.9	999.9	62.5	58.
33.6	99.0	10710.0	226.0	-52.8	99.9	234.3	70.1*	57.0	40.9	337.2	999.9	99.9	999.9	65.0	57.
34.0	100.0	10854.2	221.0	-53.3	99.9	235.2	64.2*	52.7	38.6	338.6	999.9	99.9	999.9	66.4	57.
34.6	101.0	11031.3	215.0	-53.8	99.9	236.7	56.3*	47.0	31.0	340.5	999.9	99.9	999.9	68.3	57.
35.1	102.0	11152.1	211.0	-53.5	99.9	237.5	56.5*	47.6	30.4	342.2	999.9	99.9	999.9	69.9	57.
35.6	103.0	11306.5	206.0	-53.1	99.9	238.1	57.4*	48.7	30.3	345.7	999.9	99.9	999.9	71.7	57.
36.2	104.0	11432.9	202.0	-53.1	99.9	238.4	56.3*	47.9	29.5	347.6	999.9	99.9	999.9	73.8	57.
36.8	105.0	11594.3	197.0	-53.3	99.9	237.2	61.2*	51.4	37.2	349.9	999.9	99.9	999.9	75.8	57.
37.4	106.0	11726.2	193.0	-54.1	99.9	236.6	70.8*	59.1	39.0	350.7	999.9	99.9	999.9	77.4	57.
37.9	107.0	11860.4	189.0	-54.6	99.9	237.8	67.4*	57.0	35.9	352.0	999.9	99.9	999.9	81.2	57.
38.4	108.0	12031.8	184.0	-55.2	99.9	240.8	54.1*	47.2	26.4	353.6	999.9	99.9	999.9	82.3	57.
39.0	109.0	12172.1	180.0	-55.2	99.9	244.8	42.3*	38.3	13.0	355.9	999.9	99.9	999.9	84.0	57.
39.4	110.0	12315.6	176.0	-54.9	99.9	244.7	40.1*	36.2	17.1	358.7	999.9	99.9	999.9	84.9	58.
40.0	111.0	12499.6	171.0	-55.6	99.9	244.1	38.8*	34.9	16.9	360.6	999.9	99.9	999.9	86.2	58.
40.4	112.0	12650.5	167.0	-55.4	99.9	244.5	42.3*	38.2	18.2	363.3	999.9	99.9	999.9	87.2	58.
40.9	113.0	12804.9	163.0	-55.9	99.9	244.4	52.6*	47.4	22.7	365.0	999.9	99.9	999.9	88.2	58.
41.4	114.0	12962.7	159.0	-56.8	99.9	243.8	67.4*	60.5	29.8	366.2	999.9	99.9	999.9	90.1	58.
42.0	115.0	13165.3	154.0	-56.8	99.9	244.1	80.4*	72.3	35.1	369.5	999.9	99.9	999.9	92.7	58.
42.7	116.0	13332.1	150.0	-56.8	99.9	247.2	68.1*	62.8	26.4	372.3	999.9	99.9	999.9	96.7	58.
43.3	117.0	13503.4	146.0	-56.8	99.9	252.2	48.7*	46.4	18.9	375.2	999.9	99.9	999.9	98.6	59.
43.8	118.0	13635.1	143.0	-56.4	99.9	255.7	42.0*	40.7	10.3	378.0	999.9	99.9	999.9	99.5	59.
44.4	119.0	13815.1	139.0	-56.8	99.9	256.2	46.7*	45.4	11.1	380.5	999.9	99.9	999.9	100.7	59.
45.0	120.0	13953.3	136.0	-57.1	99.9	257.6	49.7*	48.5	10.7	382.3	999.9	99.9	999.9	102.9	59.
45.5	121.0	14142.3	132.0	-56.9	99.9	262.6	41.1*	40.8	3.3	385.9	999.9	99.9	999.9	104.3	60.
46.1	122.0	14337.2	128.0	-56.9	99.9	264.5	36.1*	36.0	3.5	389.3	999.9	99.9	999.9	105.3	60.
46.7	123.0	14487.3	125.0	-57.3	99.9	256.4	47.9*	46.5	11.3	391.3	999.9	99.9	999.9	105.9	60.
47.2	124.0	14640.6	122.0	-58.1	99.9	252.6	56.4*	53.9	16.9	392.5	999.9	99.9	999.9	108.2	60.
47.8	125.0	14797.4	119.0	-58.1	99.9	254.7	47.6*	46.0	12.6	395.3	999.9	99.9	999.9	110.2	61.
48.8	126.0	15067.9	114.0	-57.9	99.9	275.1	19.6*	19.5	-1.7	400.5	999.9	99.9	999.9	111.8	61.
49.5	127.0	15236.4	111.0	-56.8	99.9	258.1	32.7*	32.0	6.7	405.8	999.9	99.9	999.9	111.9	61.
50.2	128.0	15410.1	108.0	-56.8	99.9	253.0	45.4*	43.4	13.3	409.0	999.9	99.9	999.9	114.5	61.
50.8	129.0	15588.7	105.0	-56.8	99.9	250.5	41.2*	38.8	10.8	412.3	999.9	99.9	999.9	115.7	62.
51.4	130.0	15772.1	102.0	-57.6	99.9	247.6	28.7*	26.6	10.9	414.1	999.9	99.9	999.9	118.2	62.
52.2	131.0	16024.1	98.0	-58.5	99.9	254.2	21.0*	20.2	5.7	417.2	999.9	99.9	999.9	117.8	62.
52.9	132.0	16219.3	95.0	-59.2	99.9	253.0	32.3*	30.9	9.4	419.5	999.9	99.9	999.9	118.9	62.
53.7	133.0	16420.0	92.0	-60.1	99.9	250.1	39.0*	36.7	13.3	421.6	999.9	99.9	999.9	121.2	62.
54.5	134.0	16626.9	89.0	-60.3	99.9	259.8	11.5*	11.3	2.0	425.3	999.9	99.9	999.9	122.9	62.
55.5	135.0	16841.0	86.0	-59.5	99.9	248.9	42.7*	39.8	13.4	430.9	999.9	99.9	999.9	124.4	62.
56.3	136.0	17064.1	83.0	-57.8	99.9	251.0	43.3*	41.0	11.1	438.9	999.9	99.9	999.9	126.0	62.
56.9	137.0	17297.1	80.0	-56.4	99.9	248.8	55.3*	51.5	20.0	446.3	999.9	99.9	999.9	126.3	62.
57.5	138.0	17539.3	77.0	-57.3	99.9	243.6	54.8*	49.1	24.3	449.5	999.9	99.9	999.9	130.8	63.
58.3	139.0	17875.0	73.0	-59.4	99.9	95.1	9.9	-9.9	0.9	452.0	999.9	99.9	999.9	131.2	62.
59.0	140.0	18136.7	70.0	-61.2	99.9	999.9	99.9	99.9	99.9	453.6	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 405  
STERLING, VA

7 FEBRUARY 1975  
515 GMT

140 55. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIN DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
59.8	141.0	13407.3	67.0	-63.2	99.9	999.9	99.9	99.9	99.9	454.8	999.9	99.9	999.9	999.9	999.
60.8	142.0	18688.0	64.0	-64.8	99.9	999.9	99.9	99.9	99.9	457.3	999.9	99.9	999.9	999.9	999.
62.4	143.0	18963.6	61.0	-61.0	99.9	999.9	99.9	99.9	99.9	472.2	999.9	99.9	999.9	999.9	999.
63.7	144.0	19298.3	58.0	-59.4	99.9	999.9	99.9	99.9	99.9	482.7	999.9	99.9	999.9	999.9	999.
64.8	145.0	19630.9	55.0	-59.4	99.9	999.9	99.9	99.9	99.9	490.1	999.9	99.9	999.9	999.9	999.

STATION NO. 405  
STERLING, VA

7 FEBRUARY 1975  
1115 GMT

155 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	85.0	1000.0	1.6	-4.5	300.0	6.7	5.8	-3.3	275.1	282.2	2.7	64.0	0.0	0.
0.3	7.0	166.0	990.0	1.7	-4.5	307.4	12.0	9.5	-7.3	276.0	283.2	2.8	63.7	0.2	120.
0.5	8.0	256.0	979.0	0.8	-5.2	307.4	12.0	9.5	-7.3	276.0	283.0	2.7	64.1	0.2	120.
0.7	9.0	346.7	968.0	0.5	-5.4	306.5	11.8	9.5	-7.0	276.6	283.5	2.7	64.7	0.3	123.
1.0	10.0	438.3	957.0	-0.6	-5.9	305.1	11.6	9.5	-6.7	276.3	283.1	2.6	67.5	0.6	125.
1.4	11.0	547.5	944.0	-1.6	-6.3	302.9	12.0	10.1	-5.5	276.4	283.1	2.5	70.2	0.8	124.
1.7	12.0	640.7	933.0	-2.5	-5.7	303.2	12.5	10.5	-5.9	276.4	283.4	2.7	78.4	1.1	124.
2.1	13.0	726.2	923.0	-3.3	-6.3	304.8	13.1	10.8	-7.5	276.5	283.2	2.6	79.2	1.4	124.
2.4	14.0	812.3	913.0	-4.0	-6.2	305.9	12.9	10.4	-7.6	276.5	283.4	2.6	84.5	1.6	124.
2.8	15.0	907.8	902.0	-4.8	-6.3	306.0	12.7	10.2	-7.4	276.7	283.6	2.6	88.0	1.9	124.
3.3	16.0	1021.8	889.0	-6.1	-7.2	303.7	12.1	10.1	-6.7	276.4	283.0	2.5	92.3	2.3	125.
3.6	17.0	1110.3	879.0	-6.9	-7.7	301.4	11.9	10.2	-6.2	276.6	283.0	2.4	94.0	2.5	125.
4.0	18.0	1199.5	869.0	-7.8	-8.4	298.6	12.1	10.6	-5.8	276.5	282.7	2.3	95.3	2.8	124.
4.3	19.0	1298.6	858.0	-8.5	-9.1	300.2	12.5	10.8	-5.3	276.8	282.7	2.2	95.7	3.0	124.
4.7	20.0	1380.3	849.0	-9.4	-9.7	301.8	12.8	10.9	-5.7	276.7	282.4	2.2	97.6	3.3	123.
5.1	21.0	1499.5	836.0	-10.1	-10.1	302.8	12.8	10.8	-6.9	277.1	282.8	2.1	99.8	3.6	123.
5.5	22.0	1592.2	826.0	-10.8	-10.8	302.8	13.1	11.0	-7.1	277.3	282.7	2.0	100.8	3.9	123.
5.7	23.0	1685.8	816.0	-11.1	-11.1	304.1	12.9	10.7	-7.3	278.0	283.4	2.0	101.4	4.1	123.
6.0	24.0	1780.5	806.0	-11.7	-11.7	306.3	12.7	10.2	-7.5	278.3	283.6	1.9	101.3	4.3	123.
6.3	25.0	1876.1	796.0	-12.2	-12.2	306.0	13.0	10.6	-7.7	278.7	283.8	1.9	101.2	4.5	124.
6.6	26.0	1992.1	784.0	-13.1	-13.1	304.9	13.5	11.1	-7.7	279.0	283.8	1.8	101.4	4.8	124.
6.8	27.0	2080.3	775.0	-12.2	-12.2	303.4	14.0	11.7	-7.7	280.9	286.1	1.9	101.2	4.9	124.
7.1	28.0	2179.7	765.0	-12.2	-13.2	301.6	14.3	12.2	-7.5	281.9	286.9	1.8	92.4	5.2	124.
7.3	29.0	2290.5	754.0	-12.4	-14.3	301.0	14.2	12.2	-7.3	282.9	287.3	1.6	82.0	5.4	123.
7.5	30.0	2382.1	745.0	-13.1	-17.3	300.4	14.1	12.1	-7.1	283.0	286.8	1.3	70.7	5.6	123.
7.8	31.0	2485.0	735.0	-13.8	-19.9	299.2	13.3	11.6	-6.5	283.3	286.4	1.1	59.6	5.8	123.
8.1	32.0	2578.6	726.0	-14.4	-20.6	297.3	12.5	11.1	-5.7	283.7	286.7	1.0	58.9	6.1	123.
8.4	33.0	2673.1	717.0	-14.8	-20.7	293.5	11.7	10.7	-4.7	284.3	287.2	1.0	60.3	6.3	123.
8.7	34.0	2779.4	707.0	-14.9	-20.7	288.1	11.3	10.7	-3.5	285.3	288.3	1.0	61.0	6.5	123.
9.0	35.0	2876.3	698.0	-15.3	-20.8	281.8	11.1	10.9	-2.3	285.9	288.9	1.0	62.6	6.7	122.
9.4	36.0	2996.3	687.0	-15.7	-21.0	274.9	11.9	11.8	-1.0	286.7	289.7	1.0	63.7	6.9	121.
9.8	37.0	3095.8	678.0	-15.5	-22.4	271.4	13.1	13.1	-0.3	286.1	290.8	0.9	55.0	7.1	120.
10.3	38.0	3196.6	669.0	-15.9	-27.4	269.6	14.5	14.5	0.1	288.7	290.5	0.6	36.3	7.5	118.
10.7	39.0	3310.1	659.0	-16.3	-29.9	268.2	15.0	15.0	0.5	289.4	290.9	0.5	29.7	7.9	117.
11.2	40.0	3401.9	651.0	-16.8	-31.9	265.6	15.2	15.2	1.2	289.8	291.1	0.4	25.7	8.3	115.
11.8	41.0	3529.7	640.0	-17.7	-34.5	263.3	16.0	15.9	1.9	290.3	291.3	0.3	21.1	8.7	114.
12.3	42.0	3623.7	632.0	-18.5	-38.3	263.0	17.2	17.0	2.1	290.4	291.1	0.2	15.4	9.1	112.
12.7	43.0	3730.6	623.0	-19.0	-40.2	262.6	17.9	17.7	2.3	291.0	291.6	0.2	13.3	9.5	111.
13.1	44.0	3838.7	614.0	-20.1	-40.3	261.5	18.4	18.2	2.7	290.9	291.5	0.2	14.5	9.9	110.
13.5	45.0	3935.8	606.0	-20.5	-39.6	260.1	18.8	18.5	3.2	291.6	292.2	0.2	16.1	10.3	108.
13.8	46.0	4046.3	597.0	-21.7	-39.7	259.7	19.0	18.7	3.4	291.4	292.1	0.2	17.7	10.6	107.
14.2	47.0	4145.5	589.0	-22.5	-40.1	259.4	19.5	19.1	3.6	291.6	292.2	0.2	18.2	11.0	106.
14.5	48.0	4245.8	581.0	-23.3	-40.5	259.4	19.8	19.4	3.7	291.8	292.4	0.2	18.7	11.3	106.
14.8	49.0	4359.8	572.0	-24.1	-39.5	259.4	19.9	19.5	3.8	292.2	292.9	0.2	22.4	11.7	105.
15.2	50.0	4462.4	564.0	-25.0	-40.3	259.5	19.6	19.3	3.6	292.3	292.9	0.2	22.4	12.1	104.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

7 FEBRUARY 1975  
1115 GMT

155 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.6	51.0	4579.1	555.0	-25.8	-40.3	259.5	18.8	18.5	3.4	292.7	293.3	0.2	23.3	12.5	103.
16.0	52.0	4697.3	546.0	-26.9	-41.3	259.1	18.0	17.6	3.4	292.8	293.4	0.2	23.8	13.0	102.
16.5	53.0	4803.6	538.0	-27.9	-41.2	259.0	18.2	17.9	3.5	292.8	293.4	0.2	26.5	13.3	101.
16.8	54.0	4911.0	530.0	-28.9	-41.2	259.3	18.8	18.5	3.5	292.9	293.5	0.2	28.9	13.7	101.
17.2	55.0	5006.0	523.0	-29.8	-43.2	259.5	19.7	19.3	3.6	292.9	293.4	0.2	25.4	14.2	100.
17.7	56.0	5143.3	513.0	-30.9	-45.3	259.2	20.7	20.3	3.9	293.2	293.7	0.1	22.3	14.7	99.
18.1	57.0	5254.6	505.0	-31.8	-46.0	258.5	21.3	20.9	4.2	293.4	293.8	0.1	22.8	15.2	99.
18.4	58.0	5367.3	497.0	-32.8	-46.1	257.6	21.5	21.0	4.6	293.5	293.9	0.1	24.8	15.6	98.
18.9	59.0	5466.9	490.0	-33.8	-46.9	255.7	21.2	20.6	5.2	293.5	293.9	0.1	24.9	16.2	97.
19.3	60.0	5582.1	482.0	-34.8	-48.9	254.7	20.9	20.2	5.5	293.6	293.9	0.1	22.1	16.6	97.
19.7	61.0	5684.0	475.0	-35.9	-51.0	254.9	21.1	20.4	5.5	293.5	293.7	0.1	19.2	17.1	96.
20.1	62.0	5787.0	468.0	-36.6	-54.0	256.1	22.0	21.4	5.3	293.9	294.1	0.1	14.3	17.6	95.
20.6	63.0	5891.3	461.0	-37.2	-60.4	258.1	24.4	23.9	5.0	294.3	294.4	0.0	6.9	18.1	95.
21.0	64.0	6012.1	453.0	-37.8	-68.8	258.7	26.1	25.6	5.1	295.1	295.2	0.0	2.3	18.9	94.
21.4	65.0	6119.3	446.0	-38.5	-74.8	258.4	26.5	26.0	5.3	295.6	295.6	0.0	1.0	19.4	94.
22.0	66.0	6259.3	437.0	-39.0	99.9	259.1	26.6	26.2	5.0	296.7	999.9	99.9	999.9	20.4	93.
22.4	67.0	6369.9	430.0	-39.7	99.9	260.5	26.9	26.5	4.4	297.2	999.9	99.9	999.9	20.9	92.
22.9	68.0	6482.1	423.0	-40.0	99.9	261.1	26.8	26.5	4.1	298.2	999.9	99.9	999.9	21.9	92.
23.3	69.0	6595.8	416.0	-40.8	99.9	260.3	26.9	26.5	4.5	298.6	999.9	99.9	999.9	22.5	92.
23.7	70.0	6694.5	410.0	-41.8	99.9	259.5	28.2	27.7	5.1	298.6	999.9	99.9	999.9	23.0	91.
24.3	71.0	6844.6	401.0	-42.7	99.9	259.3	32.2	31.7	6.0	299.2	999.9	99.9	999.9	24.0	91.
24.7	72.0	6963.4	394.0	-43.2	99.9	259.2	34.3	33.7	6.4	300.2	999.9	99.9	999.9	24.9	91.
25.1	73.0	7101.1	386.0	-44.6	99.9	258.6	35.4	34.7	7.0	300.1	999.9	99.9	999.9	25.8	90.
25.5	74.0	7205.8	380.0	-45.6	99.9	257.6	36.1	35.3	7.8	300.1	999.9	99.9	999.9	26.5	90.
26.0	75.0	7329.6	373.0	-46.1	99.9	256.2	38.7	37.6	9.3	301.0	999.9	99.9	999.9	27.5	89.
26.3	76.0	7455.5	366.0	-46.4	99.9	254.5	40.0	38.5	10.7	302.2	999.9	99.9	999.9	28.3	89.
26.7	77.0	7565.1	360.0	-46.9	99.9	252.2	41.1	39.1	12.6	303.1	999.9	99.9	999.9	29.3	89.
27.0	78.0	7676.6	354.0	-46.7	99.9	250.2	41.5	39.1	14.1	304.7	999.9	99.9	999.9	30.1	88.
27.3	79.0	7808.9	347.0	-47.0	99.9	249.1	42.3	39.5	15.0	306.1	999.9	99.9	999.9	30.7	88.
27.8	80.0	7924.3	341.0	-47.6	99.9	248.3	43.4	40.3	16.1	306.8	999.9	99.9	999.9	31.9	87.
28.3	81.0	8061.3	334.0	-47.8	99.9	247.4	43.9	40.6	16.9	308.4	999.9	99.9	999.9	33.3	86.
28.8	82.0	8181.4	328.0	-46.0	99.9	246.1	45.0	41.2	18.2	312.5	999.9	99.9	999.9	34.4	85.
29.3	83.0	8304.4	322.0	-45.6	99.9	245.2	47.2	42.8	19.8	314.7	999.9	99.9	999.9	35.7	85.
29.7	84.0	8430.0	316.0	-44.6	99.9	244.9	48.3	43.7	20.5	317.8	999.9	99.9	999.9	36.8	84.
30.2	85.0	8558.4	310.0	-44.6	99.9	245.0	48.0	43.5	20.3	319.5	999.9	99.9	999.9	38.3	83.
30.7	86.0	8733.3	302.0	-44.9	99.9	244.9	47.2	42.7	20.0	321.5	999.9	99.9	999.9	39.6	83.
31.2	87.0	8845.0	297.0	-44.7	99.9	243.8	47.2	42.4	20.8	323.3	999.9	99.9	999.9	40.9	82.
31.6	88.0	8981.7	291.0	-44.3	99.9	242.3	47.1	41.7	21.9	325.8	999.9	99.9	999.9	42.0	82.
32.0	89.0	9121.1	285.0	-45.0	99.9	240.5	46.3	40.3	22.8	326.7	999.9	99.9	999.9	43.2	81.
32.5	90.0	9239.3	280.0	-45.6	99.9	239.7	46.1	39.8	23.3	327.5	999.9	99.9	999.9	44.2	80.
32.9	91.0	9359.2	275.0	-46.3	99.9	239.8	47.8	41.3	24.0	328.2	999.9	99.9	999.9	45.4	80.
33.3	92.0	9505.5	269.0	-47.3	99.9	240.1	49.8	43.1	24.8	328.8	999.9	99.9	999.9	46.4	79.
33.7	93.0	9629.3	264.0	-48.5	99.9	240.5	51.1	44.5	25.2	328.8	999.9	99.9	999.9	47.6	79.
34.1	94.0	9754.9	259.0	-49.1	99.9	240.9	51.4	44.9	25.0	329.7	999.9	99.9	999.9	48.9	78.
34.6	95.0	9882.8	254.0	-49.2	99.9	241.6	50.3	44.2	23.9	331.4	999.9	99.9	999.9	50.3	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

7 FEBRUARY 1975  
1115 GMT

155 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.2	96.0	10066.2	247.0	-49.1	99.9	243.3	49.2	44.0	22.1	334.3	999.9	99.9	999.9	52.0	77.
35.7	97.0	10200.5	242.0	-48.6	99.9	245.4	49.3	44.8	20.5	336.9	999.9	99.9	999.9	53.4	77.
36.3	98.0	10337.7	237.0	-48.9	99.9	246.4	49.7*	45.5	19.9	338.5	999.9	99.9	999.9	55.2	77.
36.7	99.0	10478.1	232.0	-47.9	99.9	245.2	50.0*	45.4	21.0	342.1	999.9	99.9	999.9	56.4	77.
37.2	100.0	10621.6	227.0	-48.5	99.9	243.1	51.1*	45.6	23.1	343.3	999.9	99.9	999.9	57.8	76.
37.8	101.0	10768.0	222.0	-49.1	99.9	242.7	52.0*	46.2	23.8	344.6	999.9	99.9	999.9	59.7	76.
38.3	102.0	10917.6	217.0	-48.8	99.9	243.3	49.1*	43.8	22.1	347.3	999.9	99.9	999.9	61.3	75.
38.7	103.0	11039.7	213.0	-49.2	99.9	243.4	45.7*	40.9	20.4	348.5	999.9	99.9	999.9	62.4	75.
39.3	104.0	11195.3	208.0	-50.0	99.9	243.4	44.5*	39.8	19.9	349.7	999.9	99.9	999.9	63.7	75.
39.7	105.0	11322.1	204.0	-50.3	99.9	243.0	46.8*	41.7	21.2	351.1	999.9	99.9	999.9	64.7	75.
40.1	106.0	11484.7	199.0	-48.8	99.9	241.9	49.2*	43.4	23.1	356.0	999.9	99.9	999.9	66.1	75.
40.5	107.0	11618.0	195.0	-49.2	99.9	240.1	49.4*	42.8	24.7	357.4	999.9	99.9	999.9	67.4	74.
40.9	108.0	11787.9	190.0	-50.4	99.9	239.4	49.2*	42.3	25.0	358.1	999.9	99.9	999.9	68.3	74.
41.4	109.0	11926.2	186.0	-51.8	99.9	240.4	50.5*	43.9	25.0	358.1	999.9	99.9	999.9	69.7	74.
41.9	110.0	12067.1	182.0	-52.1	99.9	241.4	51.4*	45.2	24.6	359.8	999.9	99.9	999.9	71.2	73.
42.4	111.0	12247.1	177.0	-52.9	99.9	241.6	49.9*	43.9	23.8	361.4	999.9	99.9	999.9	73.0	73.
42.9	112.0	12394.2	173.0	-53.9	99.9	241.8	47.6*	41.9	22.5	362.2	999.9	99.9	999.9	74.1	73.
43.3	113.0	12544.4	169.0	-54.0	99.9	242.7	45.2*	40.2	20.8	364.3	999.9	99.9	999.9	75.4	73.
43.7	114.0	12698.1	165.0	-54.4	99.9	244.4	42.7*	38.5	18.4	366.3	999.9	99.9	999.9	76.5	73.
44.2	115.0	12855.0	161.0	-55.3	99.9	248.0	40.7*	37.8	15.3	367.3	999.9	99.9	999.9	77.5	72.
44.8	116.0	13056.0	156.0	-55.8	99.9	252.2	41.8*	39.8	12.8	369.7	999.9	99.9	999.9	79.1	72.
45.3	117.0	13179.5	153.0	-56.5	99.9	254.5	45.6*	44.0	12.2	370.7	999.9	99.9	999.9	80.2	72.
45.9	118.0	13347.3	149.0	-57.2	99.9	255.9	52.6*	51.0	12.9	372.3	999.9	99.9	999.9	81.9	73.
46.4	119.0	13519.5	145.0	-57.2	99.9	255.9	54.4*	52.7	13.3	375.2	999.9	99.9	999.9	83.8	73.
47.0	120.0	13696.5	141.0	-57.0	99.9	255.8	48.8*	47.3	12.0	378.5	999.9	99.9	999.9	86.0	73.
47.5	121.0	13832.9	138.0	-56.5	99.9	256.3	43.7*	42.5	10.4	381.8	999.9	99.9	999.9	86.8	73.
48.1	122.0	13972.2	135.0	-56.8	99.9	258.0	39.7*	38.9	8.3	383.6	999.9	99.9	999.9	88.6	73.
48.6	123.0	14162.7	131.0	-57.0	99.9	259.6	36.3*	35.7	6.5	386.6	999.9	99.9	999.9	89.7	73.
49.3	124.0	14359.2	127.0	-56.7	99.9	258.7	37.3*	36.6	7.3	390.6	999.9	99.9	999.9	91.0	73.
49.7	125.0	14510.8	124.0	-56.7	99.9	256.9	41.2*	40.2	9.4	393.3	999.9	99.9	999.9	91.8	73.
50.3	126.0	14719.0	120.0	-56.2	99.9	254.0	48.2*	46.3	13.3	397.9	999.9	99.9	999.9	93.7	73.
50.9	127.0	14879.8	117.0	-56.7	99.9	251.6	56.1*	53.2	17.7	399.9	999.9	99.9	999.9	95.2	73.
51.4	128.0	15044.5	114.0	-56.7	99.9	250.5	56.5*	53.3	18.8	402.9	999.9	99.9	999.9	97.0	73.
51.9	129.0	15213.9	111.0	-55.8	99.9	249.1	41.2*	38.5	14.7	407.5	999.9	99.9	999.9	100.0	73.
52.5	130.0	15388.0	108.0	-56.7	99.9	244.6	19.9*	18.0	8.5	409.2	999.9	99.9	999.9	99.3	73.
53.3	131.0	15627.2	104.0	-56.8	99.9	245.9	23.2*	21.1	9.5	413.3	999.9	99.9	999.9	100.7	73.
54.1	132.0	15812.7	101.0	-56.8	99.9	248.7	30.2*	28.1	11.0	416.8	999.9	99.9	999.9	102.0	73.
54.7	133.0	16003.8	98.0	-56.7	99.9	248.6	34.9*	32.5	12.7	420.7	999.9	99.9	999.9	103.1	73.
55.4	134.0	16200.8	95.0	-57.0	99.9	244.6	31.7*	28.6	13.6	423.8	999.9	99.9	999.9	105.3	73.
56.1	135.0	16403.3	92.0	-58.5	99.9	242.3	25.0*	22.1	11.6	424.7	999.9	99.9	999.9	105.6	73.
56.7	136.0	16611.5	89.0	-58.9	99.9	247.6	26.6*	24.6	10.2	428.0	999.9	99.9	999.9	106.8	72.
57.6	137.0	16826.0	86.0	-60.5	99.9	252.9	33.2*	31.7	9.8	429.0	999.9	99.9	999.9	108.2	72.
58.4	138.0	17122.0	82.0	-61.4	99.9	254.8	46.7*	45.1	12.3	433.1	999.9	99.9	999.9	109.9	72.
59.3	139.0	17352.9	79.0	-61.9	99.9	255.0	35.8*	34.6	9.2	436.6	999.9	99.9	999.9	113.3	73.
60.2	140.0	17593.0	76.0	-61.0	99.9	258.4	16.6*	16.3	3.4	443.3	999.9	99.9	999.9	113.6	73.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 405  
STERLING, VA

7 FEBRUARY 1975  
1115 GMT

155 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.0	141.0	17843.4	73.0	-60.8	99.9	261.1	22.8*	22.6	3.5	448.8	999.9	99.9	999.9	115.6	73.
61.9	142.0	18104.4	70.0	-60.6	99.9	264.0	23.5*	23.4	2.5	454.7	999.9	99.9	999.9	115.9	73.
62.8	143.0	18377.2	67.0	-60.5	99.9	260.7	23.1*	22.8	3.7	460.8	999.9	99.9	999.9	117.6	73.
63.9	144.0	18661.5	64.0	-62.1	99.9	253.3	36.9*	35.4	0.6	463.2	999.9	99.9	999.9	119.1	73.
64.7	145.0	18958.9	61.0	-61.2	99.9	249.4	17.1*	16.0	6.0	471.7	999.9	99.9	999.9	121.3	73.
65.6	146.0	19165.0	59.0	-63.1	99.9	249.8	19.4*	18.2	6.7	472.0	999.9	99.9	999.9	121.1	73.
66.5	147.0	19486.3	56.0	-62.9	99.9	252.8	25.6*	24.5	7.6	479.6	999.9	99.9	999.9	123.0	73.
67.6	148.0	19827.2	53.0	-60.6	99.9	257.0	30.0*	29.3	6.7	492.3	999.9	99.9	999.9	123.7	73.
68.7	149.0	20189.3	50.0	-61.4	99.9	251.9	9.4*	8.9	2.9	498.9	999.9	99.9	999.9	127.3	73.
69.8	150.0	20442.4	48.0	-61.6	99.9	257.9	27.1*	26.5	5.7	504.3	999.9	99.9	999.9	126.3	73.
70.9	151.0	20840.6	45.0	-63.4	99.9	248.0	20.4*	18.9	7.6	509.1	999.9	99.9	999.9	128.5	73.
72.0	152.0	21265.6	42.0	-62.3	99.9	242.5	27.6*	24.5	2.8	522.1	999.9	99.9	999.9	129.3	73.
73.2	153.0	21883.2	38.0	-62.7	99.9	253.1	26.0*	24.8	7.5	536.3	999.9	99.9	999.9	132.7	73.
74.5	154.0	22215.1	36.0	-64.4	99.9	252.8	24.2*	23.1	7.2	540.2	999.9	99.9	999.9	133.4	73.
75.8	155.0	22747.7	33.0	-64.0	99.9	261.5	29.9*	29.6	4.4	554.8	999.9	99.9	999.9	136.3	73.
77.4	156.0	23131.0	31.0	-63.6	99.9	261.8	12.8*	12.7	1.8	565.9	999.9	99.9	999.9	137.5	73.
79.1	157.0	23759.6	28.0	-61.0	99.9	254.9	32.8*	31.7	8.5	589.9	999.9	99.9	999.9	139.6	73.
80.5	158.0	24463.2	25.0	-61.4	99.9	251.3	32.1*	30.4	0.3	608.2	999.9	99.9	999.9	143.2	73.
82.0	159.0	25250.9	22.0	-64.2	99.9	999.9	99.9	99.9	99.9	622.5	999.9	99.9	999.9	999.9	999.
83.9	160.0	25638.4	20.0	-61.2	99.9	999.9	99.9	99.9	99.9	648.9	999.9	99.9	999.9	999.9	999.

STATION NO. 425  
HUNTINGTON, WVA

5 FEBRUARY 1975  
2315 GMT

133 81. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	FRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	246.0	978.4	8.3	7.9	270.0	4.1	4.1	0.0	284.1	301.6	6.8	97.0	0.0	0.
0.3	8.0	308.9	971.0	8.5	6.9	171.2	2.3	-0.3	2.3	284.9	301.6	6.5	89.7	0.4	81.
0.7	9.0	411.7	959.0	7.8	6.4	219.7	2.6	1.7	2.0	285.2	301.5	6.3	90.5	0.4	77.
1.1	10.0	506.9	948.0	7.0	5.5	257.7	6.0	5.8	1.3	285.2	300.8	6.0	91.0	0.5	73.
1.6	11.0	638.0	933.0	5.9	4.6	268.9	10.9	10.9	0.2	285.4	300.3	5.7	91.4	0.8	78.
2.0	12.0	744.0	921.0	5.1	3.8	266.8	12.6	12.6	0.7	285.6	299.8	5.5	91.4	1.1	82.
2.3	13.0	833.1	911.0	4.4	3.0	263.0	14.6	14.5	1.8	285.7	299.5	5.2	90.9	1.3	82.
2.7	14.0	941.2	899.0	3.9	2.4	260.3	15.7	15.5	2.7	286.3	299.6	5.1	90.1	1.7	82.
2.9	15.0	1032.1	889.0	3.1	1.7	259.4	15.4	15.1	2.8	286.3	299.2	4.9	90.7	1.9	82.
3.4	16.0	1160.8	875.0	2.6	1.3	256.3	13.2	12.8	3.1	287.1	299.8	4.8	91.3	2.3	81.
3.8	17.0	1263.1	864.0	1.9	0.7	255.2	13.0	12.6	3.3	287.4	299.8	4.7	91.4	2.6	80.
4.2	18.0	1366.5	853.0	1.3	0.1	255.1	14.0	13.5	3.6	287.8	299.8	4.5	91.7	2.9	80.
4.6	19.0	1461.5	843.0	0.8	-0.4	255.7	15.4	15.0	3.8	288.2	300.1	4.4	91.7	3.3	79.
4.9	20.0	1567.1	832.0	0.6	-0.6	257.3	16.8	16.3	3.7	289.1	301.0	4.4	91.7	3.6	79.
5.4	21.0	1693.6	819.0	-0.2	-1.4	260.0	18.6	18.3	3.2	289.6	301.0	4.2	91.6	4.1	79.
5.7	22.0	1801.9	808.0	-0.6	-1.8	261.1	19.0	18.8	2.9	290.2	301.4	4.1	91.5	4.4	79.
6.1	23.0	1901.4	798.0	-1.1	-2.3	262.4	19.2	19.0	2.5	290.7	301.7	4.1	91.6	4.9	79.
6.5	24.0	2012.2	787.0	-1.6	-2.8	263.8	19.4	19.3	2.1	291.3	302.2	4.0	91.5	5.4	80.
6.8	25.0	2114.0	777.0	-2.4	-3.6	264.6	19.1	19.0	1.8	291.5	301.9	3.8	91.4	5.7	80.
7.4	26.0	2248.1	764.0	-2.5	-3.7	265.0	18.9	18.8	1.6	292.8	303.3	3.8	91.4	6.4	81.
7.7	27.0	2352.7	754.0	-3.1	-4.4	264.5	18.8	18.7	1.8	293.2	303.3	3.7	90.8	6.7	81.
8.1	28.0	2447.8	745.0	-3.4	-4.9	263.4	18.5	18.4	2.1	293.9	303.8	3.6	89.4	7.2	81.
8.4	29.0	2554.7	735.0	-4.0	-5.5	262.4	18.0	17.9	2.4	294.3	303.9	3.4	89.2	7.5	81.
8.8	30.0	2662.8	725.0	-4.8	-6.3	261.3	17.1	16.9	2.6	294.6	303.9	3.3	89.3	8.0	81.
9.3	31.0	2772.0	715.0	-5.4	-6.8	260.0	16.4	16.2	2.8	295.1	304.1	3.2	89.6	8.4	81.
9.7	32.0	2871.5	706.0	-6.0	-7.3	258.9	16.5	16.2	3.2	295.5	304.3	3.1	90.3	8.8	81.
10.1	33.0	2983.1	696.0	-6.7	-8.1	257.7	16.8	16.4	3.6	295.9	304.4	3.0	90.3	9.2	81.
10.5	34.0	3096.1	686.0	-7.5	-8.8	256.3	17.2	16.7	4.1	296.3	304.4	2.9	90.2	9.6	81.
10.8	35.0	3199.0	677.0	-8.1	-9.4	255.4	17.4	16.9	4.4	296.7	304.6	2.8	90.1	9.9	81.
11.4	36.0	3337.9	665.0	-8.6	-10.0	254.0	18.0	17.3	5.0	297.6	305.3	2.7	89.9	10.5	80.
11.7	37.0	3443.5	656.0	-9.2	-10.6	253.6	18.3	17.6	5.2	298.1	305.6	2.6	89.7	10.9	80.
12.1	38.0	3550.3	647.0	-10.1	-11.7	253.4	18.7	17.9	5.3	298.2	305.2	2.4	87.8	11.3	80.
12.5	39.0	3658.2	638.0	-11.1	-13.7	253.5	19.0	18.2	5.4	298.3	304.4	2.1	81.1	11.8	79.
12.8	40.0	3767.2	629.0	-11.9	-14.7	253.7	19.3	18.5	5.4	298.5	304.2	1.9	79.6	12.1	79.
13.4	41.0	3902.1	618.0	-12.8	-15.7	253.6	20.1	19.3	5.7	299.0	304.4	1.8	78.6	12.8	79.
13.7	42.0	4001.5	610.0	-13.5	-16.3	252.9	20.4	19.5	6.0	299.3	304.5	1.8	79.4	13.2	79.
14.0	43.0	4114.5	601.0	-14.3	-16.8	252.1	20.6	19.6	6.3	299.6	304.7	1.7	81.4	13.6	79.
14.4	44.0	4228.8	592.0	-15.0	-17.1	250.9	20.6	19.4	5.7	300.1	305.1	1.7	84.0	14.1	78.
14.8	45.0	4331.6	584.0	-16.1	-20.1	250.5	20.6	19.4	5.9	299.9	303.9	1.3	71.1	14.5	78.
15.2	46.0	4448.4	575.0	-16.9	-22.9	250.5	20.6	19.4	5.9	300.2	303.5	1.1	59.8	15.0	78.
15.6	47.0	4553.4	567.0	-17.8	-23.3	250.6	20.6	19.5	6.9	300.5	303.6	1.0	61.7	15.5	78.
16.0	48.0	4659.6	559.0	-18.7	-23.8	250.1	20.4	19.2	6.9	300.6	303.6	1.0	63.8	16.0	77.
16.4	49.0	4780.4	550.0	-19.5	-24.0	249.4	20.2	18.9	7.1	301.0	304.1	1.0	67.4	16.5	77.
16.8	50.0	4889.1	542.0	-20.5	-25.0	248.8	20.4	19.1	7.4	301.1	304.0	0.9	66.6	17.0	77.
17.3	51.0	5026.8	532.0	-21.4	-26.1	248.6	21.4	19.9	7.8	301.6	304.3	0.9	65.9	17.6	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

5 FEBRUARY 1975  
2315 GMT

133 81. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.7	52.0	5138.4	524.0	-22.4	-26.2	249.0	22.6	21.1	8.1	301.8	304.4	0.9	70.6	18.1	76.
18.0	53.0	5237.0	517.0	-23.3	-26.7	249.4	23.7	22.1	8.3	301.8	304.4	0.8	73.6	18.5	76.
18.5	54.0	5350.9	509.0	-24.4	-33.5	251.1	25.8	24.4	8.3	301.8	303.2	0.4	42.0	19.2	76.
18.9	55.0	5466.3	501.0	-25.0	-39.1	253.1	27.2	26.1	7.9	302.3	303.2	0.3	25.4	19.9	76.
19.3	56.0	5612.6	491.0	-25.6	-66.3	255.0	28.3	27.4	7.3	303.4	303.4	0.0	1.0	20.6	76.
19.8	57.0	5716.7	484.0	-26.1	-66.6	256.5	29.8	29.0	7.0	304.0	304.0	0.0	1.0	21.4	76.
20.1	58.0	5837.1	476.0	-26.9	-67.1	257.0	31.2	30.4	7.0	304.4	304.5	0.0	1.0	21.9	76.
20.6	59.0	5943.7	469.0	-28.0	-67.3	257.4	34.8	33.9	7.6	304.4	304.4	0.0	1.0	22.9	76.
20.9	60.0	6051.5	462.0	-28.6	-68.3	257.5	37.6	36.7	8.1	304.9	304.9	0.0	1.0	23.5	76.
21.3	61.0	6176.4	454.0	-29.6	-68.7	257.5	41.3	40.3	8.9	305.2	305.3	0.0	1.0	24.5	76.
21.7	62.0	6287.2	447.0	-29.8	-69.1	257.2	44.7	43.6	9.9	306.3	306.3	0.0	1.0	25.5	76.
22.0	63.0	6399.6	440.0	-30.2	-69.3	256.9	47.1	45.9	10.7	307.1	307.2	0.0	1.0	26.4	76.
22.4	64.0	6513.6	433.0	-30.9	-69.8	255.9	50.2	48.7	12.2	307.7	307.7	0.0	1.0	27.5	76.
22.7	65.0	6629.1	426.0	-31.4	-70.1	255.1	52.4	50.7	13.5	308.5	308.5	0.0	1.0	28.4	76.
23.1	66.0	6780.0	417.0	-32.2	-70.5	253.8	55.2	53.0	15.4	309.3	309.3	0.0	1.0	29.8	76.
23.5	67.0	6882.4	411.0	-31.8	-70.3	252.4	57.4	54.8	17.4	311.1	311.1	0.0	1.0	31.1	76.
23.9	68.0	7003.7	404.0	-32.1	-70.5	251.1	59.2	56.0	19.2	312.3	312.3	0.0	1.0	32.5	76.
24.3	69.0	7127.1	397.0	-32.1	-70.5	250.2	60.3	56.8	20.4	313.9	313.9	0.0	1.0	34.0	76.
24.7	70.0	7234.5	391.0	-32.9	-71.1	249.8	60.6	56.9	20.9	314.2	314.2	0.0	1.0	35.4	75.
25.1	71.0	7379.6	383.0	-34.0	-71.8	249.8	60.1	56.4	20.7	314.6	314.6	0.0	1.0	37.0	75.
25.5	72.0	7508.6	376.0	-34.9	-72.4	250.1	59.4	55.8	20.2	315.0	315.1	0.0	1.0	38.3	75.
25.9	73.0	7620.6	370.0	-35.9	-73.1	250.0	59.9*	56.3	20.5	315.2	315.2	0.0	1.0	39.7	75.
26.2	74.0	7753.1	363.0	-36.6	-73.5	249.7	60.9*	57.2	21.1	316.0	316.1	0.0	1.0	40.8	75.
26.7	75.0	7849.0	358.0	-37.7	-74.2	248.7	62.6*	58.3	21.8	315.8	315.8	0.0	1.0	42.6	74.
27.0	76.0	7985.1	351.0	-38.2	-74.6	247.7	63.2*	58.5	24.0	316.9	316.9	0.0	1.0	43.9	74.
27.3	77.0	8103.4	345.0	-39.5	-75.4	246.4	62.5*	57.3	25.0	316.7	316.8	0.0	1.0	45.0	74.
27.8	78.0	8223.3	339.0	-40.3	99.9	244.1	60.9*	54.8	26.6	317.3	999.9	99.9	999.9	46.8	74.
28.1	79.0	8344.5	333.0	-41.0	99.9	242.8	60.0*	53.4	27.4	318.0	999.9	99.9	999.9	47.9	74.
28.5	80.0	8468.2	327.0	-42.1	99.9	241.7	59.5*	52.4	28.2	318.1	999.9	99.9	999.9	49.2	73.
29.0	81.0	8614.3	320.0	-43.3	99.9	241.7	61.2*	53.9	29.0	318.5	999.9	99.9	999.9	50.9	73.
29.4	82.0	8720.1	315.0	-44.3	99.9	242.3	63.3*	56.0	29.4	318.5	999.9	99.9	999.9	52.4	72.
29.9	83.0	8848.8	309.0	-45.3	99.9	242.8	64.3*	57.2	29.4	318.8	999.9	99.9	999.9	54.4	72.
30.3	84.0	8979.3	303.0	-46.3	99.9	243.2	63.9*	57.0	28.8	319.2	999.9	99.9	999.9	55.9	72.
30.7	85.0	9089.6	298.0	-47.5	99.9	243.9	63.2*	56.8	27.8	319.0	999.9	99.9	999.9	57.4	72.
31.3	86.0	9246.3	291.0	-48.6	99.9	245.5	62.3*	56.7	25.8	319.7	999.9	99.9	999.9	59.6	71.
31.7	87.0	9360.2	286.0	-49.3	99.9	246.7	61.3*	56.3	24.3	320.2	999.9	99.9	999.9	61.2	71.
32.2	88.0	9499.1	280.0	-49.6	99.9	247.5	59.6*	55.1	22.8	321.7	999.9	99.9	999.9	63.0	71.
32.7	89.0	9616.7	275.0	-50.7	99.9	246.6	58.5*	53.7	23.2	321.8	999.9	99.9	999.9	64.7	71.
33.0	90.0	9736.2	270.0	-51.2	99.9	245.3	58.3*	53.0	24.4	322.8	999.9	99.9	999.9	65.8	71.
33.5	91.0	9857.8	265.0	-50.9	99.9	239.8	60.0*	51.9	30.2	325.0	999.9	99.9	999.9	67.4	71.
33.9	92.0	9981.7	260.0	-51.0	99.9	234.0	63.0*	50.9	37.0	326.5	999.9	99.9	999.9	68.9	71.
34.4	93.0	10108.2	255.0	-50.7	99.9	229.8	65.0*	49.6	42.0	328.8	999.9	99.9	999.9	70.7	70.
34.8	94.0	10237.0	250.0	-51.3	99.9	230.6	62.5*	48.4	39.7	329.7	999.9	99.9	999.9	72.3	69.
35.1	95.0	10368.0	245.0	-52.3	99.9	232.7	59.9*	47.7	36.3	330.2	999.9	99.9	999.9	73.5	69.
35.8	96.0	10528.4	239.0	-52.1	99.9	238.0	58.8*	49.9	31.2	332.8	999.9	99.9	999.9	75.5	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON. WVA

5 FEBRUARY 1975  
2315 GMT

133 01. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.2	97.0	10665.3	234.0	-52.0	99.9	238.9	62.2*	53.3	32.1	335.1	999.9	99.9	999.9	76.9	69.
36.6	98.0	10777.0	230.0	-52.1	99.9	239.9	65.1*	56.4	32.6	336.5	999.9	99.9	999.9	78.5	68.
37.0	99.0	10919.3	225.0	-52.1	99.9	242.6	64.6*	57.4	25.8	338.6	999.9	99.9	999.9	80.3	68.
37.4	100.0	11064.8	220.0	-52.0	99.9	246.3	62.2*	56.9	25.0	341.0	999.9	99.9	999.9	81.7	68.
37.9	101.0	11213.8	215.0	-52.0	99.9	249.4	62.2*	58.2	21.9	343.3	999.9	99.9	999.9	83.4	68.
38.4	102.0	11335.5	211.0	-51.7	99.9	250.4	63.8*	60.1	21.4	345.6	999.9	99.9	999.9	85.3	68.
38.9	103.0	11491.5	206.0	-50.4	99.9	250.5	61.5*	57.9	20.5	350.0	999.9	99.9	999.9	87.5	68.
39.4	104.0	11619.5	202.0	-50.3	99.9	250.2	54.1*	50.9	18.3	352.2	999.9	99.9	999.9	89.2	68.
39.9	105.0	11750.1	198.0	-50.3	99.9	248.7	46.1*	42.9	16.7	354.2	999.9	99.9	999.9	90.7	68.
40.4	106.0	11883.2	194.0	-50.6	99.9	246.5	42.9*	39.3	17.1	355.8	999.9	99.9	999.9	91.8	68.
40.9	107.0	12018.9	190.0	-51.0	99.9	245.2	46.0*	41.8	19.3	357.2	999.9	99.9	999.9	92.9	68.
41.3	108.0	12157.1	186.0	-52.0	99.9	244.3	49.0*	44.2	21.3	357.8	999.9	99.9	999.9	94.2	68.
41.8	109.0	12297.9	182.0	-52.1	99.9	242.5	49.3*	43.8	22.7	359.8	999.9	99.9	999.9	95.9	68.
42.3	110.0	12441.6	178.0	-52.6	99.9	240.5	48.3*	42.0	23.8	361.3	999.9	99.9	999.9	97.3	68.
42.9	111.0	12625.2	173.0	-53.6	99.9	240.1	52.0*	45.1	25.9	362.6	999.9	99.9	999.9	98.7	68.
43.3	112.0	12775.5	169.0	-53.9	99.9	240.3	53.6*	46.6	26.5	364.5	999.9	99.9	999.9	100.2	68.
43.7	113.0	12929.3	165.0	-54.1	99.9	239.6	49.9*	43.1	25.3	366.8	999.9	99.9	999.9	101.8	68.
44.1	114.0	13046.9	162.0	-54.6	99.9	237.5	41.6*	35.1	22.3	367.9	999.9	99.9	999.9	103.1	68.
44.5	115.0	13206.6	158.0	-55.6	99.9	234.6	32.6*	26.6	18.9	368.8	999.9	99.9	999.9	103.7	68.
45.1	116.0	13369.7	154.0	-56.3	99.9	238.0	32.0*	27.1	16.9	370.4	999.9	99.9	999.9	104.3	67.
45.5	117.0	13536.7	150.0	-56.8	99.9	242.5	35.6*	31.5	16.4	372.3	999.9	99.9	999.9	105.5	67.
46.0	118.0	13664.6	147.0	-57.3	99.9	247.0	39.3*	36.2	15.4	373.5	999.9	99.9	999.9	106.4	67.
46.5	119.0	13838.5	143.0	-58.5	99.9	249.2	43.7*	40.9	15.5	374.3	999.9	99.9	999.9	107.7	67.
46.9	120.0	13971.9	140.0	-58.2	99.9	248.8	49.1*	45.8	17.7	377.2	999.9	99.9	999.9	108.6	67.
47.4	121.0	14108.4	137.0	-58.0	99.9	247.1	52.8*	48.6	20.5	379.9	999.9	99.9	999.9	110.3	67.
47.9	122.0	14294.7	133.0	-59.1	99.9	244.2	49.0*	44.1	21.3	381.2	999.9	99.9	999.9	112.3	67.
48.5	123.0	14437.3	130.0	-60.3	99.9	239.5	40.1*	34.6	20.3	381.4	999.9	99.9	999.9	113.6	67.
49.0	124.0	14582.6	127.0	-60.9	99.9	237.7	38.2*	32.3	20.4	383.0	999.9	99.9	999.9	114.7	67.
49.5	125.0	14731.0	124.0	-61.7	99.9	239.8	42.8*	37.0	21.6	384.2	999.9	99.9	999.9	115.8	67.
50.1	126.0	14934.3	120.0	-61.3	99.9	243.5	51.0*	45.6	22.8	388.5	999.9	99.9	999.9	117.4	67.
50.7	127.0	15091.1	117.0	-62.2	99.9	244.9	52.0*	47.1	22.0	389.6	999.9	99.9	999.9	119.6	67.
51.2	128.0	15251.6	114.0	-62.0	99.9	244.5	46.5*	41.9	20.0	392.9	999.9	99.9	999.9	121.2	67.
51.8	129.0	15416.4	111.0	-62.4	99.9	244.2	39.9*	35.9	17.4	395.2	999.9	99.9	999.9	122.5	67.
52.3	130.0	15585.4	108.0	-62.8	99.9	245.3	37.1*	33.7	15.5	397.5	999.9	99.9	999.9	123.7	67.
53.1	131.0	15818.5	104.0	-61.7	99.9	246.8	34.6*	31.8	13.6	404.1	999.9	99.9	999.9	125.4	67.
53.7	132.0	15939.0	102.0	-60.9	99.9	247.0	35.7*	32.9	14.0	407.8	999.9	99.9	999.9	126.5	67.
54.2	133.0	16124.8	99.0	-60.5	99.9	247.4	37.2*	34.3	14.3	412.0	999.9	99.9	999.9	127.7	67.
54.8	134.0	16316.3	96.0	-60.9	99.9	249.3	36.5*	34.2	12.9	414.9	999.9	99.9	999.9	129.1	67.
55.3	135.0	16447.6	94.0	-59.4	99.9	252.0	35.2*	33.5	10.9	420.3	999.9	99.9	999.9	130.2	67.
56.0	136.0	16650.5	91.0	-59.8	99.9	999.9	99.9	99.9	99.9	423.5	999.9	99.9	999.9	999.9	999.
56.6	137.0	16931.4	87.0	-59.8	99.9	999.9	99.9	99.9	99.9	429.0	999.9	99.9	999.9	999.9	999.
57.1	138.0	17150.0	84.0	-61.1	99.9	999.9	99.9	99.9	99.9	430.7	999.9	99.9	999.9	999.9	999.
57.9	139.0	17375.6	81.0	-61.7	99.9	999.9	99.9	99.9	99.9	434.0	999.9	99.9	999.9	999.9	999.



STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
528 GMT

147 60. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	246.0	978.0	7.2	6.1	240.0	5.7	4.9	2.9	282.9	298.5	6.1	93.0	0.0	0.
0.1	8.0	288.2	973.0	7.2	4.3	999.9	99.9	99.9	99.9	283.3	297.2	5.4	81.8	999.9	999.
0.4	9.0	381.8	962.0	6.5	4.4	999.9	99.9	99.9	99.9	283.5	297.6	5.5	86.1	999.9	999.
0.7	10.0	467.5	952.0	5.5	4.1	999.9	99.9	99.9	99.9	283.3	297.3	5.4	90.6	999.9	999.
1.1	11.0	580.0	939.0	5.0	4.3	999.9	99.9	99.9	99.9	283.9	298.3	5.6	95.2	999.9	999.
1.4	12.0	676.2	928.0	4.1	3.4	999.9	99.9	99.9	99.9	284.0	297.7	5.3	94.9	999.9	999.
1.7	13.0	764.3	918.0	3.5	2.7	263.3	15.7	15.6	1.8	284.1	297.3	5.1	94.7	1.1	79.
1.9	14.0	862.2	907.0	3.0	2.3	261.8	16.3	16.1	2.3	284.6	297.6	5.0	95.3	1.3	80.
2.2	15.0	961.1	896.0	2.1	1.4	260.3	16.7	16.5	2.8	284.7	297.1	4.7	94.9	1.6	80.
2.5	16.0	1070.0	884.0	1.6	0.8	259.2	16.9	16.6	3.2	285.3	297.4	4.6	94.4	1.9	80.
2.8	17.0	1170.9	873.0	0.7	-0.2	259.9	17.1	16.8	3.0	285.2	296.7	4.3	94.1	2.2	80.
3.1	18.0	1263.5	863.0	0.4	-0.6	260.5	17.3	17.1	2.9	285.8	297.1	4.3	93.5	2.5	80.
3.4	19.0	1357.0	853.0	0.0	-1.4	261.0	17.6	17.4	2.8	286.4	297.2	4.0	89.8	2.8	80.
3.7	20.0	1451.5	843.0	-0.6	-1.9	260.2	17.4	17.1	2.9	286.7	297.2	3.9	90.6	3.1	80.
4.0	21.0	1566.1	831.0	-1.2	-2.3	258.7	16.9	16.6	3.3	287.2	297.7	3.9	92.5	3.4	80.
4.3	22.0	1662.6	821.0	-1.9	-2.7	256.0	16.9	16.4	4.1	287.5	297.8	3.8	94.1	3.7	80.
4.6	23.0	1760.1	811.0	-2.6	-3.4	254.5	17.3	16.7	4.6	287.7	297.6	3.7	94.5	4.0	79.
4.9	24.0	1848.6	802.0	-2.9	-3.7	255.3	18.4	17.8	4.7	288.3	298.1	3.6	94.4	4.4	79.
5.1	25.0	1958.1	791.0	-3.6	-4.8	255.8	18.9	18.3	4.7	288.7	298.0	3.4	91.2	4.6	79.
5.5	26.0	2079.0	779.0	-3.7	-5.2	256.5	19.7	19.1	4.6	289.8	299.0	3.3	89.5	5.0	79.
5.8	27.0	2170.8	770.0	-4.3	-5.8	257.0	19.3	18.8	4.4	290.1	299.0	3.2	89.5	5.4	79.
6.0	28.0	2273.8	760.0	-4.9	-6.2	257.3	19.1	18.6	4.2	290.5	299.2	3.2	90.8	5.6	78.
6.3	29.0	2356.9	752.0	-6.0	-7.0	257.1	19.0	18.5	4.2	290.2	298.6	3.0	92.5	6.0	78.
6.6	30.0	2461.7	742.0	-6.9	-7.8	256.7	19.0	18.5	4.4	290.3	298.3	2.9	93.2	6.3	78.
6.9	31.0	2557.0	733.0	-7.2	-7.9	255.8	19.3	18.7	4.7	291.0	299.0	2.9	94.4	6.6	78.
7.2	32.0	2653.3	724.0	-7.6	-8.4	254.9	19.7	19.0	5.1	291.6	299.4	2.8	94.3	7.0	78.
7.5	33.0	2750.6	715.0	-8.6	-9.4	254.0	20.1	19.4	5.5	291.5	298.8	2.6	94.2	7.3	78.
7.7	34.0	2848.8	706.0	-8.8	-9.5	253.8	20.2	19.4	5.6	292.4	299.8	2.6	94.5	7.6	78.
8.0	35.0	2948.1	697.0	-10.2	-11.7	253.5	20.4	19.5	5.8	291.8	298.1	2.2	89.1	8.0	78.
8.4	36.0	3070.5	686.0	-11.2	-13.0	253.4	20.4	19.5	5.8	292.0	297.8	2.0	86.5	8.5	77.
8.7	37.0	3171.8	677.0	-11.9	-14.4	252.8	20.3	19.4	6.0	292.2	297.5	1.8	81.5	8.8	77.
9.0	38.0	3274.1	668.0	-12.9	-16.2	252.0	20.3	19.3	6.3	292.2	296.9	1.6	76.3	9.2	77.
9.3	39.0	3365.9	660.0	-13.4	-16.1	250.4	20.0	18.9	6.7	292.8	297.5	1.6	79.4	9.6	77.
9.6	40.0	3470.4	651.0	-13.9	-16.4	248.9	19.9	18.6	7.2	293.3	298.0	1.6	81.4	9.9	77.
10.0	41.0	3588.0	641.0	-14.5	-16.6	247.4	20.1	18.5	7.7	293.9	298.7	1.6	84.0	10.4	76.
10.3	42.0	3683.1	633.0	-15.0	-16.4	247.9	21.0	19.4	7.9	294.4	299.3	1.7	89.0	10.7	76.
10.6	43.0	3791.3	624.0	-15.6	-22.2	248.6	21.8	20.3	8.0	294.6	297.6	1.0	57.9	11.0	76.
10.9	44.0	3888.4	616.0	-17.1	-26.7	249.8	22.7	21.3	7.8	294.2	296.3	0.7	42.6	11.5	75.
11.2	45.0	3986.3	608.0	-17.9	-29.2	251.0	22.9	21.7	7.4	294.3	296.0	0.6	36.2	12.0	75.
11.5	46.0	4097.6	599.0	-18.7	-31.8	252.4	22.8	21.8	6.9	294.6	296.0	0.4	30.4	12.4	75.
11.8	47.0	4197.7	591.0	-19.7	-32.6	253.7	22.3	21.4	6.3	294.6	296.0	0.4	30.4	12.8	75.
12.2	48.0	4298.8	583.0	-20.3	-34.1	254.8	22.0	21.2	5.8	295.0	296.2	0.4	27.8	13.3	75.
12.5	49.0	4400.9	575.0	-21.3	-34.7	255.0	22.0	21.2	5.7	295.1	296.2	0.3	28.5	13.7	75.
12.8	50.0	4491.1	568.0	-22.1	-37.4	254.6	22.8	22.0	6.1	295.1	296.0	0.3	23.4	14.0	75.
13.1	51.0	4621.6	558.0	-22.6	-41.7	254.2	23.8	22.9	6.5	296.0	296.6	0.2	15.5	14.4	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
528 GMT

147 60. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
13.4	52.0	4727.5	550.0	-23.3	-41.2	254.1	25.0	24.0	6.9	296.4	297.1	0.2	17.5	14.9	75.
13.7	53.0	4834.5	542.0	-24.1	-40.9	253.9	26.0	24.9	7.2	296.7	297.4	0.2	19.3	15.4	75.
14.0	54.0	4929.2	535.0	-25.3	-40.2	253.8	26.8	25.7	7.5	296.4	297.1	0.2	23.2	15.8	75.
14.2	55.0	5038.5	527.0	-25.6	-36.2	253.4	27.0	25.8	7.7	297.4	298.4	0.3	36.0	16.2	75.
14.6	56.0	5163.1	518.0	-26.9	-35.4	252.7	27.3	26.1	8.1	297.2	298.4	0.4	44.1	16.9	75.
14.9	57.0	5261.1	511.0	-27.8	-35.8	252.4	27.9	26.5	8.4	297.3	298.4	0.3	45.8	17.3	75.
15.2	58.0	5360.1	504.0	-28.3	-37.8	252.5	28.9	27.6	8.7	297.8	298.7	0.3	39.3	17.8	75.
15.5	59.0	5474.8	496.0	-28.9	-42.2	252.7	30.3	28.9	9.0	298.5	299.1	0.2	26.0	18.2	74.
15.8	60.0	5576.5	489.0	-28.7	-46.0	253.0	31.5	30.2	9.2	299.9	300.3	0.1	17.0	18.9	75.
16.0	61.0	5679.7	482.0	-28.9	-53.3	253.1	32.4	31.0	9.4	300.9	301.1	0.1	7.4	19.3	75.
16.3	62.0	5784.3	475.0	-29.3	-58.6	253.1	34.2	32.8	9.9	301.7	301.8	0.0	3.9	20.0	74.
16.6	63.0	5890.2	468.0	-29.9	-60.2	253.1	36.9	35.3	10.7	302.2	302.3	0.0	3.4	20.5	74.
16.9	64.0	5997.5	461.0	-30.5	-61.9	253.2	41.1	39.3	11.9	302.8	302.9	0.0	2.9	20.9	74.
17.1	65.0	6106.1	454.0	-30.9	-66.0	253.1	44.2	42.3	12.8	303.6	303.7	0.0	1.7	21.4	74.
17.6	66.0	6232.1	446.0	-31.5	-70.2	252.5	51.8	49.4	15.6	304.3	304.4	0.0	1.0	23.2	74.
17.9	67.0	6344.0	439.0	-32.0	-70.5	251.6	54.9	52.1	17.3	305.0	305.1	0.0	1.0	24.1	74.
18.1	68.0	6441.1	433.0	-32.4	-70.8	251.0	56.6	53.5	18.4	305.7	305.8	0.0	1.0	24.8	74.
18.4	69.0	6555.9	426.0	-32.8	-71.0	249.9	58.4	54.8	20.1	306.7	306.7	0.0	1.0	25.8	74.
18.7	70.0	6672.4	419.0	-33.4	-71.4	248.8	60.2	56.2	21.7	307.4	307.5	0.0	1.0	26.9	74.
19.1	71.0	6807.6	411.0	-33.9	-71.8	247.6	62.7	58.0	23.9	308.4	308.5	0.0	1.0	28.3	74.
19.4	72.0	6910.6	405.0	-34.0	-71.8	246.7	64.6	59.4	25.5	309.6	309.6	0.0	1.0	29.5	73.
19.7	73.0	7015.2	399.0	-34.0	-69.3	245.9	65.8	60.1	26.9	310.9	310.9	0.0	1.4	30.7	73.
20.1	74.0	7139.0	392.0	-34.7	-61.5	244.8	66.4	60.0	28.3	311.6	311.7	0.0	4.6	32.3	73.
20.4	75.0	7246.5	386.0	-35.5	-61.1	244.0	65.5	58.9	28.7	311.9	312.0	0.0	5.3	33.6	72.
20.8	76.0	7355.4	380.0	-36.2	-60.0	243.1	64.2	57.2	29.0	312.4	312.5	0.0	6.5	35.0	72.
21.1	77.0	7465.6	374.0	-37.4	-60.1	242.7	63.6	56.5	29.2	312.2	312.4	0.0	7.2	36.1	72.
21.4	78.0	7577.0	368.0	-38.4	-60.2	242.5	63.8	56.6	29.5	312.4	312.5	0.0	7.9	37.2	71.
21.7	79.0	7690.0	362.0	-38.8	-60.5	242.4	64.5*	57.1	29.8	313.3	313.5	0.0	8.0	38.4	71.
22.1	80.0	7804.4	356.0	-39.9	99.9	242.4	65.5*	58.0	30.4	313.5	999.9	99.9	999.9	39.9	71.
22.5	81.0	7939.8	349.0	-41.1	99.9	242.2	66.3*	58.6	31.0	313.6	999.9	99.9	999.9	41.5	70.
22.9	82.0	8037.7	344.0	-41.8	99.9	242.2	66.8*	59.0	31.2	313.9	999.9	99.9	999.9	43.1	70.
23.2	83.0	8156.6	338.0	-42.9	99.9	242.4	67.5*	59.8	31.3	314.0	999.9	99.9	999.9	44.3	70.
23.5	84.0	8277.2	332.0	-43.9	99.9	242.7	68.4*	60.8	31.4	314.2	999.9	99.9	999.9	45.5	70.
23.7	85.0	8378.9	327.0	-44.6	99.9	242.8	69.3*	61.7	31.7	314.6	999.9	99.9	999.9	46.3	70.
24.2	86.0	8523.4	320.0	-45.8	99.9	242.6	70.6*	62.7	32.5	315.0	999.9	99.9	999.9	48.4	69.
24.6	87.0	8628.0	315.0	-46.7	99.9	242.0	70.0*	61.8	32.9	315.2	999.9	99.9	999.9	50.2	69.
24.9	88.0	8755.4	309.0	-47.4	99.9	241.5	68.5*	60.2	32.7	315.9	999.9	99.9	999.9	51.5	69.
25.2	89.0	8863.0	304.0	-48.6	99.9	241.3	68.0*	59.7	32.6	315.7	999.9	99.9	999.9	52.6	69.
25.5	90.0	8972.0	299.0	-48.7	99.9	241.4	68.1*	59.8	32.6	317.0	999.9	99.9	999.9	53.6	68.
25.9	91.0	9082.6	294.0	-49.9	99.9	241.3	69.4*	60.9	33.4	316.8	999.9	99.9	999.9	55.3	68.
26.2	92.0	9217.3	288.0	-50.3	99.9	241.0	69.0*	60.3	33.4	318.2	999.9	99.9	999.9	56.7	68.
26.5	93.0	9331.6	283.0	-50.4	99.9	240.6	67.8*	59.1	33.2	319.6	999.9	99.9	999.9	58.2	68.
26.9	94.0	9447.7	278.0	-51.2	99.9	241.2	64.8*	56.8	31.2	320.1	999.9	99.9	999.9	59.5	68.
27.2	95.0	9542.2	274.0	-50.1	99.9	241.6	63.9*	56.2	30.3	323.0	999.9	99.9	999.9	60.5	68.
27.6	96.0	9711.2	267.0	-50.3	99.9	241.7	64.1*	56.4	30.4	325.2	999.9	99.9	999.9	62.1	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
528 GMT

147 60. 0

TIME MIN	CHYCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RFD GM/KG	RH PCT	RANGE KM	AZ DEG
27.9	97.0	9834.3	262.0	-51.3	99.9	240.6	65.2*	56.8	32.0	325.4	999.9	99.9	999.9	63.3	68.
28.2	98.0	9934.4	258.0	-50.9	99.9	239.8	65.6*	56.7	33.0	327.5	999.9	99.9	999.9	64.4	67.
28.5	99.0	10061.6	253.0	-51.5	99.9	239.1	65.6*	56.3	33.7	328.4	999.9	99.9	999.9	65.6	67.
28.8	100.0	10164.9	249.0	-52.1	99.9	240.0	63.8*	55.2	31.9	329.0	999.9	99.9	999.9	66.8	67.
29.2	101.0	10322.5	243.0	-53.2	99.9	240.8	61.3*	53.5	29.9	329.6	999.9	99.9	999.9	68.4	67.
29.6	102.0	10456.4	238.0	-53.2	99.9	240.7	59.4*	51.8	29.0	331.6	999.9	99.9	999.9	69.8	67.
29.9	103.0	10565.9	234.0	-51.8	99.9	239.5	59.2*	51.0	30.0	335.4	999.9	99.9	999.9	70.8	67.
30.2	104.0	10706.1	229.0	-51.5	99.9	238.7	59.1*	50.5	30.7	337.9	999.9	99.9	999.9	71.7	67.
30.5	105.0	10820.8	225.0	-50.3	99.9	238.2	59.0*	50.2	31.1	341.5	999.9	99.9	999.9	73.0	66.
31.0	106.0	10937.9	221.0	-50.4	99.9	239.7	57.4*	49.6	29.0	343.0	999.9	99.9	999.9	74.7	66.
31.3	107.0	11087.0	216.0	-51.0	99.9	241.1	58.9*	51.5	28.5	344.3	999.9	99.9	999.9	75.6	66.
31.7	108.0	11208.4	212.0	-51.6	99.9	242.6	63.1*	56.0	29.1	345.2	999.9	99.9	999.9	76.9	66.
32.1	109.0	11332.0	208.0	-51.8	99.9	243.7	68.8*	61.6	30.5	346.8	999.9	99.9	999.9	78.5	66.
32.5	110.0	11457.8	204.0	-52.0	99.9	244.8	72.0*	65.2	30.7	348.5	999.9	99.9	999.9	80.1	66.
33.0	111.0	11618.2	199.0	-51.5	99.9	246.2	64.2*	58.7	25.9	351.8	999.9	99.9	999.9	83.2	66.
33.4	112.0	11750.7	195.0	-51.2	99.9	246.9	56.2*	51.7	22.0	354.3	999.9	99.9	999.9	84.1	66.
33.9	113.0	11885.4	191.0	-51.5	99.9	247.2	54.4*	50.1	21.1	355.9	999.9	99.9	999.9	85.1	66.
34.3	114.0	12022.8	187.0	-51.5	99.9	246.9	58.1*	53.4	22.7	358.1	999.9	99.9	999.9	86.8	66.
34.6	115.0	12163.1	183.0	-51.8	99.9	246.8	61.0*	56.1	24.0	359.2	999.9	99.9	999.9	88.0	66.
35.1	116.0	12342.2	178.0	-51.6	99.9	246.8	62.2*	57.2	24.5	362.9	999.9	99.9	999.9	89.6	66.
35.4	117.0	12453.0	175.0	-51.6	99.9	246.7	59.6*	54.7	23.5	364.7	999.9	99.9	999.9	91.1	66.
35.7	118.0	12603.0	171.0	-51.8	99.9	246.1	54.9*	50.1	22.3	366.8	999.9	99.9	999.9	92.2	66.
36.1	119.0	12756.0	167.0	-53.1	99.9	244.2	47.8*	43.0	20.8	367.2	999.9	99.9	999.9	93.3	66.
36.5	120.0	12872.9	164.0	-53.1	99.9	241.1	42.3*	37.0	20.5	369.1	999.9	99.9	999.9	94.2	66.
37.0	121.0	13032.0	160.0	-53.4	99.9	238.8	42.1*	36.0	21.8	371.2	999.9	99.9	999.9	95.3	66.
37.3	122.0	13153.5	157.0	-54.3	99.9	238.9	44.5*	38.1	22.9	371.6	999.9	99.9	999.9	96.2	66.
37.7	123.0	13318.6	153.0	-55.2	99.9	239.6	47.8*	41.2	24.2	372.9	999.9	99.9	999.9	97.2	66.
38.2	124.0	13445.1	150.0	-55.2	99.9	240.8	50.3*	43.9	24.5	375.0	999.9	99.9	999.9	98.7	66.
38.7	125.0	13574.0	147.0	-55.5	99.9	242.0	48.5*	42.8	22.8	376.7	999.9	99.9	999.9	100.5	66.
39.2	126.0	13749.5	143.0	-56.5	99.9	242.8	44.5*	39.6	20.3	377.9	999.9	99.9	999.9	101.7	66.
39.6	127.0	13929.3	139.0	-57.0	99.9	243.0	42.7*	38.0	19.4	380.1	999.9	99.9	999.9	102.8	66.
40.1	128.0	14067.0	136.0	-58.2	99.9	242.5	45.0*	39.9	20.8	380.3	999.9	99.9	999.9	103.9	66.
40.6	129.0	14207.5	133.0	-58.2	99.9	242.1	49.2*	43.5	23.0	382.8	999.9	99.9	999.9	105.2	65.
41.1	130.0	14351.1	130.0	-58.4	99.9	242.1	48.3*	42.7	22.6	385.0	999.9	99.9	999.9	107.3	65.
41.7	131.0	14547.7	126.0	-58.4	99.9	241.4	41.3*	36.3	19.7	388.4	999.9	99.9	999.9	108.6	65.
42.2	132.0	14698.9	123.0	-59.4	99.9	238.4	37.1*	31.6	19.5	389.2	999.9	99.9	999.9	109.7	65.
42.7	133.0	14853.3	120.0	-60.0	99.9	233.4	35.1*	28.2	20.9	390.9	999.9	99.9	999.9	110.8	65.
43.2	134.0	15011.2	117.0	-60.5	99.9	230.7	33.8*	26.1	21.4	392.8	999.9	99.9	999.9	111.8	65.
43.8	135.0	15118.7	115.0	-60.0	99.9	232.9	33.8*	27.0	20.4	395.7	999.9	99.9	999.9	112.9	65.
44.4	136.0	15340.1	111.0	-59.3	99.9	238.2	35.3*	30.0	18.8	401.1	999.9	99.9	999.9	114.2	65.
45.1	137.0	15512.1	108.0	-58.6	99.9	245.5	36.6*	33.3	15.2	405.6	999.9	99.9	999.9	115.6	65.
45.7	138.0	15749.2	104.0	-58.7	99.9	247.2	35.4*	32.7	13.7	409.7	999.9	99.9	999.9	117.1	65.
46.4	139.0	15932.6	101.0	-59.8	99.9	245.7	27.9*	25.4	11.5	411.1	999.9	99.9	999.9	118.5	65.
47.1	140.0	16121.0	98.0	-60.0	99.9	244.9	25.7*	23.2	10.9	414.3	999.9	99.9	999.9	119.5	65.
47.8	141.0	16314.5	95.0	-60.3	99.9	245.1	36.4*	33.0	15.3	417.3	999.9	99.9	999.9	120.6	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
528 GMT

147 60. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	WH PGT	RANGE KM	AZ DG
48.5	142.0	16514.5	92.0	-61.2	99.9	246.7	35.8*	32.9	14.2	419.3	999.9	99.9	999.9	122.5	65.
49.5	143.0	16720.1	89.0	-61.8	99.9	251.8	30.4*	28.8	9.5	422.2	999.9	99.9	999.9	124.0	65.
49.9	144.0	16931.7	86.0	-63.1	99.9	253.3	30.2*	28.9	8.7	423.7	999.9	99.9	999.9	125.3	65.
50.6	145.0	17150.2	83.0	-62.9	99.9	254.1	29.2*	28.1	8.0	428.4	999.9	99.9	999.9	125.7	65.
51.4	146.0	17377.9	80.0	-61.1	99.9	249.8	24.5*	23.0	8.3	436.8	999.9	99.9	999.9	127.3	65.
52.2	147.0	17615.1	77.0	-61.4	99.9	248.7	29.8*	27.8	10.9	440.8	999.9	99.9	999.9	128.6	65.
53.0	148.0	17861.1	74.0	-62.4	99.9	249.5	32.5*	30.4	11.4	443.9	999.9	99.9	999.9	130.3	65.
53.9	149.0	18117.0	71.0	-61.6	99.9	246.7	17.2*	15.8	6.8	450.8	999.9	99.9	999.9	132.1	65.
54.8	150.0	18384.2	68.0	-61.2	99.9	245.3	16.1*	14.7	6.7	457.2	999.9	99.9	999.9	132.2	65.
55.8	151.0	18570.0	66.0	-61.4	99.9	245.3	26.9	24.5	11.2	460.7	999.9	99.9	999.9	133.6	65.
56.8	152.0	18858.9	63.0	-60.9	99.9	999.9	99.9	99.9	99.9	468.1	999.9	99.9	999.9	999.9	999.
57.7	153.0	19161.4	60.0	-62.0	99.9	999.9	99.9	99.9	99.9	472.2	999.9	99.9	999.9	999.9	999.

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
1115 GMT

143 47. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	7.5	246.0	979.0	5.0	1.7	280.0	7.2	7.1	-1.3	280.4	291.8	4.4	79.0	0.0	0.
0.2	8.0	296.2	973.0	4.6	2.0	273.6	5.8	5.8	-0.4	280.5	292.3	4.6	83.1	0.2	105.
0.4	9.0	388.2	962.0	3.6	1.8	273.6	5.8	5.8	-0.4	280.4	292.1	4.5	87.8	0.2	105.
0.7	10.0	482.2	951.0	3.1	1.8	273.5	6.0	6.0	-0.4	280.8	292.7	4.6	91.2	0.3	102.
1.0	11.0	593.6	938.0	1.8	1.2	273.5	6.3	6.3	-0.4	280.6	292.1	4.4	95.6	0.4	99.
1.3	12.0	688.7	927.0	1.1	0.6	275.7	6.4	6.3	-0.8	280.8	292.0	4.3	96.4	0.5	98.
1.5	13.0	784.7	916.0	0.5	0.1	277.1	6.4	6.4	-0.8	281.1	292.0	4.2	97.0	0.6	97.
1.7	14.0	881.7	905.0	-0.0	-0.3	276.6	6.8	6.8	-0.8	281.6	292.4	4.1	97.7	0.6	98.
2.0	15.0	979.7	894.0	-0.8	-1.1	276.0	7.4	7.4	-0.8	281.7	292.1	4.0	98.0	0.7	98.
2.2	16.0	1096.7	881.0	-1.3	-1.5	273.4	8.5	8.5	-0.5	282.4	292.6	3.9	98.1	0.8	97.
2.4	17.0	1187.7	871.0	-2.1	-2.2	271.4	9.6	9.6	-0.2	282.5	292.3	3.7	98.9	1.0	97.
2.6	18.0	1288.7	860.0	-2.5	-2.7	269.1	10.1	10.1	0.2	283.0	292.7	3.7	99.0	1.1	96.
2.7	19.0	1390.9	849.0	-3.3	-3.4	267.7	10.1	10.1	0.4	283.2	292.5	3.5	98.9	1.1	96.
2.9	20.0	1484.6	839.0	-4.1	-4.2	264.7	10.0	9.9	0.9	283.4	292.2	3.3	98.8	1.3	95.
3.0	21.0	1607.8	826.0	-4.5	-4.7	263.2	10.0	9.9	1.2	284.1	292.9	3.3	98.7	1.3	95.
3.2	22.0	1703.7	816.0	-5.3	-5.4	261.8	11.3	11.2	1.6	284.3	292.7	3.1	99.1	1.4	93.
3.4	23.0	1800.4	806.0	-6.2	-6.3	260.7	12.7	12.6	2.1	284.3	292.3	3.0	99.5	1.5	92.
3.7	24.0	1898.2	796.0	-6.6	-6.7	260.5	15.8	15.6	2.6	284.8	292.7	2.9	99.4	1.8	91.
4.0	25.0	1997.0	786.0	-6.8	-7.0	260.7	19.3	19.1	3.1	285.7	293.6	2.9	98.4	2.1	89.
4.7	26.0	2127.3	773.0	-6.9	-7.3	259.7	18.0	17.8	3.2	286.9	294.7	2.9	97.1	3.0	86.
5.2	27.0	2229.0	763.0	-7.2	-7.6	262.2	17.0	16.9	2.3	287.7	295.4	2.8	97.2	3.8	86.
5.7	28.0	2321.4	754.0	-7.8	-8.3	264.5	18.4	18.3	1.8	288.0	295.5	2.7	96.5	4.0	85.
6.0	29.0	2425.2	744.0	-8.5	-9.0	265.3	18.8	18.8	1.5	288.3	295.5	2.6	96.6	4.3	85.
6.3	30.0	2530.2	734.0	-9.0	-9.5	264.9	19.1	19.0	1.7	288.9	296.0	2.5	96.3	4.7	86.
6.6	31.0	2625.7	725.0	-9.4	-9.9	264.0	19.3	19.2	2.0	289.4	296.4	2.5	96.1	5.0	86.
6.9	32.0	2733.0	715.0	-10.4	-11.0	262.3	19.2	19.0	2.6	289.5	295.9	2.3	95.7	5.4	86.
7.3	33.0	2830.4	706.0	-11.3	-12.0	259.5	19.0	18.7	3.5	289.5	295.6	2.2	94.7	5.8	85.
7.6	34.0	2928.8	697.0	-11.9	-12.6	257.3	18.9	18.5	4.2	290.0	295.9	2.1	94.4	6.2	85.
8.0	35.0	3039.5	687.0	-12.3	-13.1	254.7	18.8	18.2	5.0	290.7	296.4	2.0	93.6	6.6	84.
8.4	36.0	3162.8	676.0	-12.8	-13.8	253.4	19.1	18.3	5.4	291.4	296.9	1.9	92.6	7.1	83.
8.8	37.0	3276.5	666.0	-13.5	-14.5	253.7	19.5	18.7	5.5	291.8	297.2	1.9	92.2	7.5	83.
9.1	38.0	3379.9	657.0	-14.2	-15.3	254.5	19.9	19.2	5.3	292.2	297.3	1.8	91.7	7.8	82.
9.5	39.0	3484.5	648.0	-14.9	-16.0	256.4	20.7	20.1	4.9	292.5	297.4	1.7	91.1	8.3	82.
9.8	40.0	3590.2	639.0	-15.9	-17.1	257.3	21.1	20.6	4.6	292.6	297.1	1.6	90.2	8.7	82.
10.2	41.0	3709.0	629.0	-16.3	-17.7	257.7	21.3	20.8	4.5	293.4	297.8	1.5	89.3	9.2	81.
10.6	42.0	3817.4	620.0	-17.1	-18.9	257.0	20.8	20.3	4.7	293.7	297.7	1.4	88.3	9.7	81.
10.9	43.0	3926.9	611.0	-18.0	-19.7	255.8	19.9	19.3	4.9	293.9	297.8	1.3	85.8	10.2	81.
11.3	44.0	4037.8	602.0	-18.8	-20.6	255.2	19.5	18.8	5.0	294.2	297.9	1.2	85.2	10.6	81.
11.8	45.0	4137.4	594.0	-19.4	-22.8	256.4	21.3	20.7	5.0	294.6	297.6	1.0	74.2	11.0	80.
12.1	46.0	4250.6	585.0	-20.9	-25.4	257.7	23.2	22.7	4.9	294.1	296.6	0.8	67.1	11.4	80.
12.5	47.0	4352.2	577.0	-21.6	-25.8	259.3	25.9	25.4	4.8	294.5	296.9	0.8	68.4	12.2	80.
12.9	48.0	4467.9	568.0	-22.4	-26.5	259.9	26.2	25.6	4.6	294.8	297.2	0.8	68.7	12.8	80.
13.2	49.0	4572.0	560.0	-23.2	-27.8	260.1	25.9	25.5	4.5	295.1	297.2	0.7	66.0	13.3	80.
13.6	50.0	4677.1	552.0	-24.3	-30.2	260.0	25.2	24.8	4.4	295.0	296.8	0.6	57.8	13.9	80.
14.1	51.0	4810.2	542.0	-25.2	-32.8	260.0	24.5	24.2	4.3	295.4	296.8	0.4	48.8	14.6	80.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
1115 GMT

143 47. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.5	52.0	4918.1	534.0	-25.9	-34.7	260.2	24.0	23.7	4.1	295.9	297.1	0.4	42.7	15.2	80.
14.9	53.0	5027.2	526.0	-26.9	-36.0	260.3	23.3	22.9	3.9	295.9	297.0	0.3	41.7	15.8	80.
15.2	54.0	5137.6	518.0	-27.7	-36.9	260.3	22.9	22.6	3.9	296.2	297.2	0.3	40.6	16.2	80.
15.6	55.0	5249.3	510.0	-28.5	-37.1	260.2	22.6	22.3	3.9	296.6	297.6	0.3	42.9	16.7	80.
16.0	56.0	5376.6	501.0	-29.8	-38.0	260.3	22.7	22.4	3.8	296.5	297.4	0.3	44.4	17.2	80.
16.3	57.0	5491.1	493.0	-30.8	-38.4	260.3	22.7	22.3	3.8	296.7	297.6	0.3	46.7	17.7	80.
16.7	58.0	5607.0	485.0	-31.8	-38.8	260.3	22.4	22.1	3.8	296.8	297.7	0.3	49.8	18.3	80.
17.0	59.0	5724.3	477.0	-33.0	-39.1	260.3	22.1	21.7	3.7	296.7	297.6	0.3	54.0	18.6	80.
17.3	60.0	5828.1	470.0	-33.9	-40.9	260.5	21.8	21.5	3.6	296.8	297.6	0.2	49.1	19.0	80.
17.7	61.0	5933.1	463.0	-34.7	-43.3	260.7	21.7	21.4	3.5	297.1	297.7	0.2	41.0	19.6	80.
18.0	62.0	6054.6	455.0	-35.8	-45.7	260.7	21.8	21.5	3.5	297.3	297.7	0.1	35.1	20.0	80.
18.4	63.0	6162.2	448.0	-36.5	-46.8	259.2	23.5	23.1	4.4	297.7	298.1	0.1	33.2	20.4	80.
18.7	64.0	6271.2	441.0	-37.3	-49.4	257.9	25.5	24.9	5.3	298.0	298.4	0.1	26.8	20.8	80.
19.0	65.0	6397.5	433.0	-38.0	-51.5	256.7	27.8	27.1	6.4	298.7	299.0	0.1	22.5	21.3	80.
19.3	66.0	6525.8	425.0	-38.8	-53.4	255.6	30.8	29.8	7.6	299.3	299.5	0.1	19.3	21.8	80.
19.8	67.0	6656.2	417.0	-38.9	-55.2	254.2	36.0	34.6	9.8	300.7	300.9	0.0	15.7	22.8	80.
20.1	68.0	6755.6	411.0	-39.1	-56.7	253.5	39.2	37.6	11.2	301.8	302.0	0.0	13.3	23.4	80.
20.5	69.0	6873.2	404.0	-39.6	-58.1	252.5	43.6	41.8	13.1	302.6	302.7	0.0	11.8	24.8	79.
20.9	70.0	6992.6	397.0	-40.3	99.9	251.6	47.5	45.1	15.0	303.3	999.9	99.9	999.9	25.6	79.
21.2	71.0	7131.2	389.0	-41.1	99.9	251.1	50.2	47.5	16.2	304.0	999.9	99.9	999.9	26.4	79.
21.6	72.0	7254.5	382.0	-41.5	99.9	250.6	53.3	50.3	17.7	305.0	999.9	99.9	999.9	27.7	79.
21.9	73.0	7379.9	375.0	-41.9	99.9	250.5	54.9	51.8	18.4	306.1	999.9	99.9	999.9	28.7	78.
22.2	74.0	7489.2	369.0	-41.7	99.9	250.6	56.2	53.0	18.6	307.9	999.9	99.9	999.9	29.7	78.
22.6	75.0	7600.2	363.0	-42.1	99.9	251.1	57.6	54.5	18.7	308.8	999.9	99.9	999.9	31.0	78.
22.9	76.0	7731.9	356.0	-42.6	99.9	251.6	59.0	55.9	18.7	309.7	999.9	99.9	999.9	32.1	77.
23.2	77.0	7846.5	350.0	-43.1	99.9	251.9	60.9	57.9	19.0	310.7	999.9	99.9	999.9	33.2	77.
23.6	78.0	7962.9	344.0	-43.6	99.9	252.2	64.0	60.9	19.6	311.4	999.9	99.9	999.9	34.6	77.
24.0	79.0	8081.0	338.0	-44.3	99.9	252.2	67.0	63.8	20.5	312.1	999.9	99.9	999.9	36.0	77.
24.3	80.0	8221.2	331.0	-44.8	99.9	251.7	66.4	63.0	20.9	313.3	999.9	99.9	999.9	37.5	77.
24.8	81.0	8363.9	324.0	-45.5	99.9	250.0	63.3	59.5	21.7	314.3	999.9	99.9	999.9	39.6	76.
25.1	82.0	8488.4	318.0	-45.9	99.9	248.6	61.3	57.1	22.4	315.4	999.9	99.9	999.9	40.6	76.
25.6	83.0	8615.0	312.0	-46.6	99.9	246.9	61.2	56.3	24.0	316.1	999.9	99.9	999.9	42.2	76.
26.0	84.0	8743.7	306.0	-47.2	99.9	246.6	63.6	58.3	25.3	317.0	999.9	99.9	999.9	43.7	75.
26.3	85.0	8852.6	301.0	-47.5	99.9	246.6	65.1*	59.7	25.8	318.1	999.9	99.9	999.9	45.0	75.
26.8	86.0	9008.0	294.0	-48.1	99.9	246.9	67.1*	61.7	26.3	319.4	999.9	99.9	999.9	46.6	75.
27.2	87.0	9143.8	288.0	-48.4	99.9	247.4	68.3*	63.0	26.3	320.9	999.9	99.9	999.9	48.4	75.
27.6	88.0	9258.9	283.0	-49.3	99.9	248.0	68.8*	63.8	25.7	321.2	999.9	99.9	999.9	50.2	74.
27.9	89.0	9399.1	277.0	-50.1	99.9	248.6	68.3*	63.6	24.9	322.1	999.9	99.9	999.9	51.4	74.
28.3	90.0	9518.0	272.0	-50.5	99.9	249.6	66.3*	62.2	23.1	323.1	999.9	99.9	999.9	53.0	74.
28.7	91.0	9663.5	266.0	-50.5	99.9	250.7	63.7*	60.2	21.0	325.2	999.9	99.9	999.9	54.6	74.
29.1	92.0	9787.3	261.0	-50.2	99.9	251.8	61.3*	58.2	19.2	327.4	999.9	99.9	999.9	56.2	74.
29.5	93.0	9913.6	256.0	-50.2	99.9	252.0	59.8*	56.9	18.5	329.2	999.9	99.9	999.9	57.4	74.
30.0	94.0	10042.4	251.0	-50.4	99.9	250.2	60.4*	56.9	20.4	330.8	999.9	99.9	999.9	59.3	74.
30.3	95.0	10173.8	246.0	-50.2	99.9	248.8	62.1*	57.9	22.4	333.0	999.9	99.9	999.9	60.4	74.
30.8	96.0	10335.2	240.0	-49.6	99.9	247.0	63.1*	58.1	24.6	336.2	999.9	99.9	999.9	62.1	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
1115 GMT

143 47. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
31.3	97.0	10473.1	235.0	-49.5	99.9	246.0	57.7*	52.7	23.5	338.5	999.9	99.9	999.9	64.5	73.
31.7	98.0	10614.0	230.0	-49.8	99.9	245.8	51.0*	46.5	20.9	340.1	999.9	99.9	999.9	65.9	73.
32.1	99.0	10757.6	225.0	-50.2	99.9	246.6	46.4*	42.6	18.4	341.6	999.9	99.9	999.9	66.3	73.
32.5	100.0	10904.3	220.0	-50.5	99.9	248.5	47.8*	44.5	17.5	343.3	999.9	99.9	999.9	67.2	73.
33.1	101.0	11053.9	215.0	-51.3	99.9	248.2	51.7*	48.0	19.2	344.4	999.9	99.9	999.9	69.7	73.
33.5	102.0	11206.8	210.0	-51.6	99.9	245.9	52.7*	48.1	21.5	346.2	999.9	99.9	999.9	70.6	73.
34.0	103.0	11331.8	206.0	-50.8	99.9	243.5	56.5*	50.5	25.2	349.3	999.9	99.9	999.9	72.2	73.
34.5	104.0	11491.4	201.0	-51.9	99.9	244.1	61.8*	55.6	27.0	350.1	999.9	99.9	999.9	74.0	72.
34.9	105.0	11621.4	197.0	-53.0	99.9	245.3	63.5*	57.6	26.6	350.4	999.9	99.9	999.9	75.5	72.
35.3	106.0	11786.7	192.0	-54.1	99.9	246.0	62.0*	56.6	25.2	351.2	999.9	99.9	999.9	77.1	72.
35.8	107.0	11921.7	188.0	-54.6	99.9	247.0	58.0*	53.4	22.7	352.8	999.9	99.9	999.9	79.1	72.
36.2	108.0	12059.5	184.0	-54.0	99.9	248.0	55.7*	51.6	20.8	355.7	999.9	99.9	999.9	80.2	72.
36.7	109.0	12200.4	180.0	-54.8	99.9	248.9	54.9*	51.3	15.8	356.7	999.9	99.9	999.9	81.8	72.
37.0	110.0	12344.1	176.0	-54.9	99.9	248.8	54.9*	51.1	19.8	358.7	999.9	99.9	999.9	83.1	72.
37.4	111.0	12529.3	171.0	-52.7	99.9	246.3	54.9*	50.2	22.1	365.4	999.9	99.9	999.9	84.3	72.
37.8	112.0	12682.1	167.0	-52.8	99.9	243.9	56.5*	50.8	24.8	367.6	999.9	99.9	999.9	85.3	72.
38.2	113.0	12838.9	163.0	-51.9	99.9	243.0	57.2*	51.0	26.0	371.7	999.9	99.9	999.9	86.7	71.
38.7	114.0	12999.9	159.0	-51.9	99.9	243.9	53.6*	48.1	23.6	374.4	999.9	99.9	999.9	88.9	71.
39.2	115.0	13164.6	155.0	-53.0	99.9	245.5	48.0*	43.7	19.9	375.2	999.9	99.9	999.9	90.2	71.
39.7	116.0	13333.3	151.0	-52.8	99.9	245.4	46.8*	42.6	19.5	378.3	999.9	99.9	999.9	91.1	71.
40.1	117.0	13506.3	147.0	-53.5	99.9	243.6	47.2*	42.3	21.0	380.2	999.9	99.9	999.9	92.8	71.
40.6	118.0	13683.4	143.0	-54.4	99.9	239.4	45.2*	38.9	23.1	381.5	999.9	99.9	999.9	94.0	71.
41.0	119.0	13819.1	140.0	-54.9	99.9	235.1	43.7*	35.8	25.0	382.9	999.9	99.9	999.9	94.9	71.
41.4	120.0	13957.4	137.0	-55.2	99.9	232.6	45.0*	35.8	27.3	384.8	999.9	99.9	999.9	95.9	71.
41.8	121.0	14146.2	133.0	-56.1	99.9	233.3	47.4*	38.0	28.4	386.6	999.9	99.9	999.9	97.0	70.
42.2	122.0	14291.5	130.0	-55.2	99.9	236.2	49.7*	41.3	27.7	390.6	999.9	99.9	999.9	98.0	70.
42.8	123.0	14490.6	126.0	-56.2	99.9	241.3	49.5*	43.4	23.8	392.3	999.9	99.9	999.9	100.1	70.
43.3	124.0	14643.3	123.0	-57.4	99.9	243.2	46.7*	41.7	21.1	392.8	999.9	99.9	999.9	101.5	70.
43.9	125.0	14799.0	120.0	-58.1	99.9	244.9	46.8*	42.4	19.9	394.4	999.9	99.9	999.9	102.6	70.
44.6	126.0	15012.6	116.0	-58.1	99.9	248.9	47.9*	44.7	17.3	398.2	999.9	99.9	999.9	105.3	70.
45.1	127.0	15177.6	113.0	-58.1	99.9	250.8	45.9*	43.4	15.1	401.2	999.9	99.9	999.9	106.4	70.
45.7	128.0	15347.2	110.0	-57.9	99.9	251.0	41.2*	39.0	13.4	404.6	999.9	99.9	999.9	108.1	70.
46.2	129.0	15521.1	107.0	-59.0	99.9	250.7	35.5*	33.5	11.8	405.9	999.9	99.9	999.9	109.5	70.
46.7	130.0	15699.0	104.0	-60.2	99.9	249.1	32.7*	30.6	11.7	406.8	999.9	99.9	999.9	109.9	70.
47.3	131.0	15943.5	100.0	-60.4	99.9	247.0	33.9*	31.2	13.2	411.1	999.9	99.9	999.9	111.4	70.
48.0	132.0	16133.5	97.0	-60.0	99.9	247.9	37.3*	34.6	14.1	415.4	999.9	99.9	999.9	112.8	70.
48.6	133.0	16263.7	95.0	-59.7	99.9	247.8	42.4*	39.2	16.0	418.5	999.9	99.9	999.9	114.0	70.
49.3	134.0	16464.9	92.0	-58.4	99.9	246.6	37.1*	34.1	14.8	424.8	999.9	99.9	999.9	116.4	70.
49.9	135.0	16673.5	89.0	-58.3	99.9	248.4	33.3*	30.9	12.2	429.2	999.9	99.9	999.9	116.6	70.
50.7	136.0	16962.7	85.0	-58.6	99.9	247.7	31.8*	29.4	12.1	434.2	999.9	99.9	999.9	119.1	70.
51.3	137.0	17188.5	82.0	-58.6	99.9	243.3	32.2*	28.7	14.4	438.7	999.9	99.9	999.9	119.7	70.
52.0	138.0	17421.8	79.0	-60.2	99.9	244.6	36.0*	32.5	15.4	440.1	999.9	99.9	999.9	121.3	69.
52.7	139.0	17662.8	76.0	-61.1	99.9	251.0	29.3*	27.7	9.5	443.1	999.9	99.9	999.9	123.0	69.
53.3	140.0	17912.5	73.0	-61.9	99.9	257.1	23.4*	22.8	5.2	446.7	999.9	99.9	999.9	123.6	69.
54.1	141.0	18173.1	70.0	-60.4	99.9	261.5	23.9*	23.6	3.5	455.2	999.9	99.9	999.9	124.8	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
1115 GMT

143 47. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
54.9	142.0	18445.5	67.0	-61.3	99.9	260.6	26.4*	26.1	4.3	459.0	999.9	99.9	999.9	125.4	70.
55.9	143.0	18729.9	64.0	-61.1	99.9	251.2	24.7*	23.4	7.9	465.4	999.9	99.9	999.9	127.3	70.
56.7	144.0	19028.1	61.0	-61.1	99.9	245.9	24.6*	22.5	10.0	471.9	999.9	99.9	999.9	128.8	70.
57.7	145.0	19341.3	58.0	-61.1	99.9	246.3	29.9*	27.4	12.0	478.7	999.9	99.9	999.9	130.1	70.
58.5	146.0	19672.2	55.0	-59.9	99.9	252.0	23.9*	22.8	7.4	488.9	999.9	99.9	999.9	131.5	70.
59.4	147.0	19902.5	53.0	-61.9	99.9	268.9	10.9*	10.9	6.2	489.5	999.9	99.9	999.9	133.0	70.
60.4	148.0	20262.8	50.0	-62.2	99.9	999.9	99.9	99.9	99.9	496.9	999.9	99.9	999.9	999.9	999.
61.5	149.0	20645.1	47.0	-62.2	99.9	999.9	99.9	99.9	99.9	505.7	999.9	99.9	999.9	999.9	999.



STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
1415 GMT

156 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	246.0	981.4	2.8	1.0	280.0	5.1	5.0	-0.9	278.0	288.8	4.2	88.0	0.0	0.
0.3	8.0	315.5	973.0	2.0	-0.3	999.9	99.9	99.9	99.9	277.8	287.7	3.8	84.8	999.9	999.
0.5	9.0	407.2	962.0	1.2	-0.5	999.9	99.9	99.9	99.9	277.9	287.8	3.8	88.8	999.9	999.
0.9	10.0	499.7	951.0	0.4	-0.9	999.9	99.9	99.9	99.9	277.9	287.6	3.8	90.9	999.9	999.
1.2	11.0	610.0	938.0	-0.6	-1.4	999.9	99.9	99.9	99.9	278.1	287.6	3.7	94.5	999.9	999.
1.6	12.0	704.3	927.0	-1.4	-2.0	258.9	10.9	10.7	2.1	278.2	287.4	3.6	95.8	0.7	88.
1.9	13.0	799.4	916.0	-1.9	-2.4	257.0	10.3	10.0	2.3	278.6	287.7	3.5	95.7	0.9	85.
2.2	14.0	895.6	905.0	-2.2	-2.8	256.5	10.3	10.0	2.4	279.3	288.3	3.5	95.7	1.1	84.
2.5	15.0	983.8	895.0	-3.1	-3.7	256.9	10.5	10.3	2.4	279.2	287.7	3.3	95.5	1.3	83.
2.9	16.0	1108.7	881.0	-3.4	-3.9	262.2	11.6	11.5	1.6	280.1	288.7	3.2	96.0	1.5	82.
3.2	17.0	1199.0	871.0	-3.9	-4.4	266.4	12.7	12.7	0.8	280.5	288.9	3.2	96.0	1.7	82.
3.4	18.0	1299.3	860.0	-4.5	-5.0	269.0	13.6	13.6	0.2	280.9	289.1	3.1	96.2	1.9	83.
3.7	19.0	1391.5	850.0	-4.6	-5.1	270.0	14.4	14.4	-0.0	281.7	289.9	3.1	96.2	2.2	84.
4.0	20.0	1494.2	839.0	-4.5	-5.0	269.7	15.1	15.1	0.1	282.9	291.3	3.1	96.1	2.4	85.
4.3	21.0	1607.8	827.0	-4.3	-4.0	268.3	14.5	14.5	0.4	284.3	292.9	3.2	96.1	2.7	85.
4.6	22.0	1713.3	816.0	-5.1	-5.6	266.6	13.9	13.9	0.8	284.5	292.8	3.1	95.8	3.0	85.
4.9	23.0	1810.3	806.0	-5.4	-6.0	264.5	13.1	13.1	1.3	285.2	293.0	2.9	90.8	3.2	85.
5.2	24.0	1908.2	796.0	-6.1	-7.8	261.6	12.6	12.4	1.8	285.4	292.7	2.7	87.9	3.4	85.
5.4	25.0	2007.2	786.0	-6.7	-8.2	259.3	12.3	12.1	2.3	285.8	292.9	2.6	88.7	3.6	85.
5.8	26.0	2127.3	774.0	-7.4	-8.6	257.1	12.9	12.6	2.9	286.2	293.3	2.6	91.5	3.9	84.
6.1	27.0	2218.3	765.0	-8.2	-9.1	256.8	13.6	13.2	3.1	286.4	293.3	2.5	92.9	4.1	84.
6.3	28.0	2320.5	755.0	-8.6	-9.0	257.6	13.8	13.4	3.0	287.0	293.8	2.5	93.6	4.3	84.
6.6	29.0	2423.8	745.0	-9.3	-10.2	258.6	14.0	13.8	2.8	287.3	293.8	2.4	93.6	4.5	83.
6.9	30.0	2517.8	736.0	-10.1	-10.9	259.8	14.3	14.1	2.5	287.5	293.8	2.3	93.5	4.8	83.
7.2	31.0	2623.2	726.0	-10.8	-11.6	260.6	14.6	14.4	2.4	287.8	293.9	2.2	93.5	5.0	83.
7.4	32.0	2719.1	717.0	-11.2	-12.0	261.0	14.7	14.5	2.3	288.4	294.3	2.1	93.6	5.2	83.
7.7	33.0	2826.9	707.0	-11.9	-12.7	260.7	14.7	14.5	2.4	288.7	294.4	2.0	93.7	5.5	83.
7.9	34.0	2924.9	698.0	-12.5	-13.0	260.1	14.6	14.4	2.5	289.1	294.7	2.0	93.8	5.7	83.
8.1	35.0	3024.0	689.0	-13.2	-13.0	259.4	14.6	14.3	2.7	289.4	295.0	2.0	97.9	5.9	83.
8.5	36.0	3146.8	678.0	-12.6	-19.0	257.5	14.6	14.2	3.2	291.3	294.8	1.2	55.7	6.2	83.
8.8	37.0	3248.9	669.0	-12.5	-25.4	257.3	15.2	14.8	3.3	292.5	294.7	0.7	32.8	6.4	82.
9.1	38.0	3352.2	660.0	-13.3	-27.2	257.4	16.0	15.7	3.5	292.7	294.6	0.6	30.0	6.7	82.
9.4	39.0	3456.6	651.0	-13.7	-28.2	258.1	17.5	17.1	3.6	293.4	295.1	0.6	28.2	6.9	82.
9.7	40.0	3562.3	642.0	-14.4	-29.5	258.4	19.1	18.7	3.8	293.7	295.3	0.5	26.4	7.3	82.
10.0	41.0	3681.1	632.0	-15.4	-32.0	258.6	20.8	20.4	4.1	293.9	295.2	0.4	22.5	7.7	81.
10.3	42.0	3789.2	623.0	-16.2	-32.0	258.4	21.4	20.9	4.3	294.2	295.4	0.4	23.0	8.0	81.
10.6	43.0	3898.6	614.0	-16.6	-33.0	258.2	21.4	20.9	4.4	294.9	296.1	0.4	22.6	8.5	81.
10.9	44.0	3997.0	606.0	-17.6	-36.2	258.0	20.2	19.8	4.2	294.9	295.8	0.3	17.9	9.1	81.
11.1	45.0	4108.9	597.0	-18.1	-38.3	258.1	19.7	19.3	4.1	295.5	296.3	0.2	15.1	9.3	81.
11.5	46.0	4209.5	589.0	-19.1	-40.0	258.6	19.0	18.6	3.7	295.6	296.2	0.2	13.7	9.4	81.
11.7	47.0	4311.2	581.0	-19.8	-41.2	259.4	19.7	19.4	3.6	295.9	296.5	0.2	12.7	9.7	81.
12.0	48.0	4413.9	573.0	-20.4	-44.3	260.4	20.9	20.6	3.5	296.3	296.7	0.1	9.7	10.1	81.
12.2	49.0	4517.9	565.0	-21.3	-44.0	261.1	21.7	21.4	3.4	296.6	297.0	0.1	9.8	10.4	81.
12.5	50.0	4622.9	557.0	-22.2	-45.0	262.1	22.9	22.6	3.1	296.7	297.0	0.1	9.9	10.9	81.
13.0	51.0	4755.8	547.0	-23.0	-46.1	263.1	23.7	23.5	2.8	297.2	297.6	0.1	10.0	11.5	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON. WVA

6 FEBRUARY 1975  
1415 GMT

156 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
13.2	52.0	4863.6	539.0	-23.9	-46.3	263.1	24.0	23.8	2.9	297.4	297.7	0.1	10.6	11.8	81.
13.5	53.0	4972.6	531.0	-24.7	-46.8	263.0	24.3	24.2	3.0	297.7	298.0	0.1	10.7	12.2	81.
13.7	54.0	5069.0	524.0	-25.7	-46.7	263.0	24.3	24.1	3.0	297.7	298.1	0.1	11.8	12.5	81.
14.0	55.0	5180.3	516.0	-26.5	-47.3	263.0	24.3	24.1	3.0	298.0	298.4	0.1	11.9	13.0	81.
14.3	56.0	5307.2	507.0	-27.5	-48.0	263.6	24.1	24.0	2.7	298.2	298.6	0.1	12.0	13.4	81.
14.6	57.0	5421.4	499.0	-28.5	-48.7	264.3	24.2	24.1	2.4	298.5	298.8	0.1	12.1	13.8	81.
14.9	58.0	5522.4	492.0	-29.5	-49.3	265.1	24.9	24.8	2.1	298.4	298.7	0.1	12.3	14.2	81.
15.2	59.0	5639.3	484.0	-30.1	-49.2	265.5	26.1	26.0	2.1	299.1	299.4	0.1	12.3	14.7	82.
15.5	60.0	5742.8	477.0	-31.1	-49.4	265.8	27.6	27.5	2.0	299.0	299.3	0.1	14.4	15.1	82.
15.8	61.0	5847.5	470.0	-31.7	-49.8	265.9	29.1	29.0	2.1	299.6	299.9	0.1	14.5	15.7	82.
16.0	62.0	5953.4	463.0	-32.7	-50.4	265.9	30.0	30.0	2.1	299.6	299.9	0.1	15.1	16.0	82.
16.3	63.0	6060.5	456.0	-33.7	-51.1	266.0	31.7	31.7	2.2	299.7	300.0	0.1	15.2	16.6	82.
16.5	64.0	6168.8	449.0	-34.4	-51.0	266.1	32.9	32.8	2.2	300.2	300.4	0.1	15.3	17.0	82.
16.8	65.0	6278.5	442.0	-35.3	-52.0	266.2	35.7	35.7	2.4	300.4	300.6	0.1	14.9	17.5	82.
17.2	66.0	6405.5	434.0	-36.1	-54.1	266.2	39.7	39.6	2.6	300.9	301.1	0.1	13.5	18.4	82.
17.4	67.0	6502.0	428.0	-36.9	-54.2	266.3	41.7	41.6	2.7	301.0	301.2	0.1	14.6	18.9	83.
17.8	68.0	6632.3	420.0	-37.9	-54.9	266.2	44.2	44.1	2.9	301.4	301.6	0.0	14.7	20.0	83.
18.0	69.0	6731.3	414.0	-38.9	-55.4	266.2	45.2	45.1	3.0	301.4	301.6	0.0	15.2	20.6	83.
18.3	70.0	6848.1	407.0	-39.5	-55.5	265.8	45.7	45.6	3.3	302.0	302.2	0.0	16.3	21.4	83.
18.6	71.0	6983.8	399.0	-40.1	99.9	265.3	46.6	46.4	3.8	303.1	999.9	99.9	999.9	22.2	83.
19.0	72.0	7097.3	393.0	-39.8	-55.7	264.4	48.5	48.3	4.7	304.7	304.9	0.0	16.3	23.2	83.
19.3	73.0	7192.3	387.0	-40.7	99.9	263.2	50.2	49.8	6.0	305.0	999.9	99.9	999.9	24.2	83.
19.6	74.0	7316.4	380.0	-41.4	99.9	261.7	51.6	51.1	7.4	305.7	999.9	99.9	999.9	25.1	83.
19.9	75.0	7424.2	374.0	-42.4	99.9	259.7	52.5	51.6	9.3	305.8	999.9	99.9	999.9	26.2	83.
20.1	76.0	7533.3	368.0	-43.4	99.9	258.3	53.4	52.3	10.8	305.9	999.9	99.9	999.9	26.8	83.
20.4	77.0	7643.9	362.0	-43.6	99.9	256.1	55.2	53.6	12.3	306.9	999.9	99.9	999.9	27.6	83.
20.7	78.0	7756.1	356.0	-44.1	99.9	254.2	58.3	56.1	15.9	307.2	999.9	99.9	999.9	28.6	83.
21.0	79.0	7870.1	350.0	-44.5	99.9	252.6	62.0	59.2	18.5	308.7	999.9	99.9	999.9	29.6	82.
21.2	80.0	7985.8	344.0	-44.9	99.9	251.7	64.3	61.1	20.2	309.7	999.9	99.9	999.9	30.4	82.
21.5	81.0	8123.2	337.0	-44.9	99.9	250.4	67.8	63.9	22.7	311.5	999.9	99.9	999.9	31.7	82.
21.8	82.0	8243.2	331.0	-45.4	99.9	249.3	70.1	65.6	24.8	312.5	999.9	99.9	999.9	32.9	81.
22.1	83.0	8344.5	326.0	-46.3	99.9	248.5	72.1	67.1	25.5	312.7	999.9	99.9	999.9	34.1	81.
22.4	84.0	8467.8	320.0	-46.7	99.9	248.0	73.7	68.4	27.6	313.7	999.9	99.9	999.9	35.4	80.
22.7	85.0	8572.1	315.0	-47.4	99.9	248.0	74.9	69.5	28.1	314.1	999.9	99.9	999.9	36.7	80.
23.1	86.0	8720.5	308.0	-48.2	99.9	248.2	76.1	70.7	28.2	315.1	999.9	99.9	999.9	38.6	79.
23.4	87.0	8849.8	302.0	-49.1	99.9	248.5	76.6	71.2	28.1	315.6	999.9	99.9	999.9	39.9	79.
23.7	88.0	8959.1	297.0	-50.0	99.9	248.4	77.0	71.6	28.3	315.8	999.9	99.9	999.9	41.2	78.
24.0	89.0	9069.9	292.0	-51.0	99.9	248.2	77.3	71.8	23.7	316.0	999.9	99.9	999.9	42.6	78.
24.4	90.0	9205.0	286.0	-51.1	99.9	247.7	77.2	71.4	20.2	317.6	999.9	99.9	999.9	44.5	78.
24.7	91.0	9319.6	281.0	-51.3	99.9	247.4	76.1	70.3	29.3	319.0	999.9	99.9	999.9	45.8	77.
25.0	92.0	9436.3	276.0	-51.1	99.9	247.0	74.6	68.7	29.1	320.9	999.9	99.9	999.9	47.2	77.
25.3	93.0	9555.0	271.0	-51.9	99.9	246.4	71.0	65.1	28.4	321.4	999.9	99.9	999.9	48.6	77.
25.6	94.0	9675.6	266.0	-52.4	99.9	245.7	67.2	61.2	27.6	322.4	999.9	99.9	999.9	49.9	77.
26.0	95.0	9798.2	261.0	-52.7	99.9	244.7	61.3	55.5	26.2	323.7	999.9	99.9	999.9	51.3	76.
26.3	96.0	9948.3	255.0	-52.9	99.9	244.7	59.2*	53.6	23.3	325.6	999.9	99.9	999.9	52.3	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
1415 GMT

156 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
26.6	97.0	10050.4	251.0	-52.7	99.9	244.9	57.9*	52.4	24.6	327.3	999.9	99.9	999.9	53.3	76.
27.0	98.0	10180.2	246.0	-53.0	99.9	245.6	58.1*	52.9	24.0	328.8	999.9	99.9	999.9	54.3	75.
27.2	99.0	10312.7	241.0	-52.7	99.9	245.9	57.6*	52.6	23.5	331.2	999.9	99.9	999.9	55.3	75.
27.5	100.0	10420.8	237.0	-52.4	99.9	246.4	56.9*	52.1	22.8	333.2	999.9	99.9	999.9	56.7	75.
27.9	101.0	10587.0	231.0	-51.4	99.9	247.1	54.7*	50.4	21.3	337.2	999.9	99.9	999.9	57.6	75.
28.2	102.0	10700.6	227.0	-50.8	99.9	247.6	54.3*	50.2	20.7	339.8	999.9	99.9	999.9	58.6	75.
28.5	103.0	10846.2	222.0	-49.3	99.9	248.2	54.5*	50.6	20.2	344.3	999.9	99.9	999.9	59.6	75.
28.9	104.0	10965.6	218.0	-48.5	99.9	248.9	57.4*	53.6	20.7	347.3	999.9	99.9	999.9	60.9	75.
29.2	105.0	11118.4	213.0	-48.0	99.9	249.2	59.1*	55.3	21.0	350.3	999.9	99.9	999.9	61.8	75.
29.6	106.0	11243.4	209.0	-48.0	99.9	249.2	59.8*	55.9	21.2	352.2	999.9	99.9	999.9	63.4	74.
29.9	107.0	11370.8	205.0	-48.3	99.9	248.8	57.6*	53.7	20.9	353.7	999.9	99.9	999.9	64.8	74.
30.2	108.0	11500.2	201.0	-49.4	99.9	248.2	54.4*	50.5	20.2	354.0	999.9	99.9	999.9	65.7	74.
30.6	109.0	11631.8	197.0	-49.9	99.9	247.7	50.4*	46.7	19.2	355.3	999.9	99.9	999.9	66.7	74.
31.0	110.0	11766.0	193.0	-49.7	99.9	248.0	49.1*	45.5	18.4	357.7	999.9	99.9	999.9	68.0	74.
31.4	111.0	11937.6	188.0	-50.3	99.9	248.3	51.6*	47.9	19.1	359.4	999.9	99.9	999.9	69.0	74.
31.7	112.0	12077.8	184.0	-50.8	99.9	247.9	53.3*	49.4	20.1	360.8	999.9	99.9	999.9	69.9	74.
32.1	113.0	12184.2	181.0	-50.8	99.9	247.0	55.1*	50.7	21.5	362.5	999.9	99.9	999.9	71.3	74.
32.4	114.0	12330.2	177.0	-51.4	99.9	246.1	55.1*	50.4	22.3	363.8	999.9	99.9	999.9	72.5	74.
32.8	115.0	12478.3	173.0	-52.4	99.9	246.0	55.4*	50.6	22.5	364.6	999.9	99.9	999.9	73.6	73.
33.2	116.0	12667.8	168.0	-52.7	99.9	246.9	55.9*	51.4	21.9	367.2	999.9	99.9	999.9	74.8	73.
33.6	117.0	12784.0	165.0	-53.2	99.9	248.2	56.0*	52.0	20.8	368.3	999.9	99.9	999.9	76.3	73.
34.0	118.0	12941.7	161.0	-54.5	99.9	248.9	54.1*	50.5	19.5	368.7	999.9	99.9	999.9	77.9	73.
34.3	119.0	13102.8	157.0	-54.5	99.9	248.2	52.2*	48.4	19.4	371.3	999.9	99.9	999.9	78.7	73.
34.6	120.0	13226.0	154.0	-55.7	99.9	247.4	51.1*	47.1	19.7	371.4	999.9	99.9	999.9	79.5	73.
35.0	121.0	13393.7	150.0	-55.5	99.9	246.1	51.9*	47.4	21.0	374.5	999.9	99.9	999.9	80.5	73.
35.4	122.0	13522.9	147.0	-54.3	99.9	245.4	53.9*	49.0	22.4	378.7	999.9	99.9	999.9	81.9	73.
35.9	123.0	13655.4	144.0	-53.0	99.9	244.3	54.5*	49.2	23.6	383.2	999.9	99.9	999.9	83.7	73.
36.3	124.0	13836.7	140.0	-53.8	99.9	243.0	53.2*	47.4	24.1	384.8	999.9	99.9	999.9	84.8	73.
36.7	125.0	13976.0	137.0	-53.5	99.9	240.7	49.2*	42.9	24.1	387.8	999.9	99.9	999.9	86.2	72.
37.2	126.0	14166.6	133.0	-52.9	99.9	235.3	41.6*	34.2	23.7	392.3	999.9	99.9	999.9	87.8	72.
37.6	127.0	14313.7	130.0	-54.2	99.9	229.9	37.4*	28.6	24.1	392.5	999.9	99.9	999.9	88.5	72.
38.0	128.0	14463.4	127.0	-54.2	99.9	228.0	39.3*	29.2	25.3	395.1	999.9	99.9	999.9	88.6	72.
38.3	129.0	14616.4	124.0	-55.2	99.9	232.4	45.3*	35.9	27.6	396.0	999.9	99.9	999.9	89.5	72.
38.7	130.0	14772.6	121.0	-55.7	99.9	238.3	51.7*	44.0	27.2	397.9	999.9	99.9	999.9	90.9	71.
39.3	131.0	14986.7	117.0	-55.8	99.9	246.0	53.0*	48.4	21.6	401.4	999.9	99.9	999.9	92.9	71.
39.6	132.0	15152.1	114.0	-55.5	99.9	248.0	49.1*	45.5	18.4	405.0	999.9	99.9	999.9	93.9	71.
40.1	133.0	15322.0	111.0	-56.0	99.9	246.3	37.1*	34.0	14.9	407.2	999.9	99.9	999.9	95.7	71.
40.4	134.0	15496.2	108.0	-56.2	99.9	243.2	31.1*	27.7	11.0	410.1	999.9	99.9	999.9	96.0	71.
40.8	135.0	15674.8	105.0	-57.2	99.9	244.4	31.6*	28.5	13.7	411.4	999.9	99.9	999.9	96.2	71.
41.3	136.0	15858.8	102.0	-55.7	99.9	249.8	40.2*	37.7	13.9	417.8	999.9	99.9	999.9	97.1	71.
41.8	137.0	16114.3	98.0	-54.5	99.9	252.6	44.4*	42.3	13.3	424.9	999.9	99.9	999.9	99.0	71.
42.4	138.0	16312.7	95.0	-56.2	99.9	249.8	34.3*	32.2	11.9	425.4	999.9	99.9	999.9	100.7	71.
42.9	139.0	16516.1	92.0	-57.2	99.9	241.1	24.4*	21.4	11.8	427.3	999.9	99.9	999.9	101.0	71.
43.4	140.0	16725.6	89.0	-57.7	99.9	237.3	18.8*	15.8	10.1	430.3	999.9	99.9	999.9	102.0	71.
44.0	141.0	16941.6	86.0	-57.7	99.9	248.5	16.7*	15.5	6.1	434.5	999.9	99.9	999.9	102.2	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON. WVA

6 FEBRUARY 1975  
1415 GMT

156 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
44.6	142.0	17242.6	82.0	-57.6	99.9	257.3	23.5*	23.0	5.2	440.9	999.9	99.9	999.9	102.9	71.
45.3	143.0	17478.8	79.0	-56.0	99.9	259.5	31.0*	30.5	5.6	448.8	999.9	99.9	999.9	104.3	71.
46.1	144.0	17724.7	76.0	-56.7	99.9	258.7	33.0*	32.3	5.5	452.4	999.9	99.9	999.9	105.7	71.
46.7	145.0	17980.0	73.0	-56.7	99.9	256.8	29.0*	28.2	6.6	457.6	999.9	99.9	999.9	107.1	71.
47.4	146.0	18245.9	70.0	-57.0	99.9	254.0	23.1*	22.2	6.3	462.4	999.9	99.9	999.9	107.8	71.
48.0	147.0	18522.1	67.0	-58.6	99.9	252.2	21.8*	20.8	6.7	464.8	999.9	99.9	999.9	109.1	71.
48.7	148.0	18809.5	64.0	-59.3	99.9	249.9	22.4*	21.0	7.7	469.4	999.9	99.9	999.9	109.7	71.
49.4	149.0	19111.1	61.0	-58.1	99.9	250.8	22.3*	21.0	7.3	478.6	999.9	99.9	999.9	110.5	71.
50.0	150.0	19427.6	58.0	-59.7	99.9	254.1	20.1*	19.3	5.5	481.9	999.9	99.9	999.9	112.0	71.
50.8	151.0	19646.9	56.0	-59.9	99.9	255.8	24.3*	23.5	6.0	486.4	999.9	99.9	999.9	112.2	71.
51.5	152.0	19990.9	53.0	-59.9	99.9	251.6	27.8*	26.4	8.8	494.1	999.9	99.9	999.9	114.0	71.
52.3	153.0	20354.0	50.0	-61.0	99.9	249.2	29.9*	27.9	10.6	499.8	999.9	99.9	999.9	114.8	71.
53.1	154.0	20738.0	47.0	-61.5	99.9	248.7	23.9*	22.3	8.7	507.4	999.9	99.9	999.9	116.7	71.
53.9	155.0	21146.8	44.0	-61.5	99.9	251.5	21.2*	20.1	6.7	517.0	999.9	99.9	999.9	117.0	71.
54.8	156.0	21583.1	41.0	-62.9	99.9	256.8	32.2*	31.3	7.4	524.2	999.9	99.9	999.9	118.5	71.
55.7	157.0	22050.9	38.0	-63.1	99.9	253.5	19.3*	18.5	5.5	535.3	999.9	99.9	999.9	121.0	71.
57.0	158.0	22385.1	36.0	-61.2	99.9	253.7	26.6*	25.5	7.5	548.5	999.9	99.9	999.9	121.1	71.
58.0	159.0	22925.4	33.0	-61.2	99.9	261.8	32.5*	32.1	4.6	562.4	999.9	99.9	999.9	123.9	71.
59.1	160.0	23515.6	30.0	-62.3	99.9	269.7	24.6*	24.6	0.1	574.8	999.9	99.9	999.9	125.5	72.
60.5	161.0	24164.8	27.0	-63.3	99.9	999.9	99.9	99.9	99.9	589.7	999.9	99.9	999.9	999.9	999.
62.0	162.0	24891.2	24.0	-61.9	99.9	999.9	99.9	99.9	99.9	613.8	999.9	99.9	999.9	999.9	999.

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
1715 GMT

139 77. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	246.0	981.1	2.2	0.4	280.0	5.1	5.0	-0.9	277.4	287.7	4.0	88.0	0.0	0.
0.4	8.0	371.1	966.0	1.0	-0.3	243.4	7.0	6.3	3.1	277.4	287.4	3.9	90.9	0.2	80.
0.7	9.0	463.2	955.0	0.2	-0.4	241.8	6.6	5.9	3.1	277.5	287.5	3.9	95.5	0.3	76.
1.0	10.0	573.0	942.0	-0.6	-0.9	239.2	6.1	5.2	3.1	277.8	287.6	3.8	97.6	0.4	72.
1.3	11.0	684.1	929.0	-1.3	-1.7	242.2	5.7	5.1	2.7	278.0	287.5	3.6	97.5	0.5	69.
1.7	12.0	778.9	918.0	-2.3	-2.6	249.2	5.9	5.6	2.1	278.0	286.9	3.4	97.6	0.7	68.
2.1	13.0	874.7	907.0	-2.8	-3.1	255.2	6.6	6.4	1.7	278.5	287.3	3.4	97.7	0.8	69.
2.4	14.0	971.4	896.0	-3.5	-3.8	255.1	6.6	6.4	1.7	278.6	287.1	3.2	98.0	0.9	70.
2.7	15.0	1087.0	883.0	-4.0	-4.2	257.3	6.3	6.1	1.4	279.3	287.7	3.2	98.6	1.1	71.
3.1	16.0	1195.2	871.0	-3.2	-3.4	263.1	6.1	6.1	0.7	281.2	290.3	3.4	98.7	1.2	71.
3.4	17.0	1295.8	860.0	-4.0	-4.2	268.1	7.0	7.0	0.2	281.4	290.1	3.3	98.6	1.3	73.
3.7	18.0	1397.3	849.0	-5.0	-5.2	269.5	8.7	8.7	0.1	281.3	289.4	3.0	98.4	1.4	74.
4.1	19.0	1499.7	838.0	-5.6	-5.9	269.2	10.7	10.7	0.2	281.7	289.6	2.9	98.1	1.7	77.
4.4	20.0	1612.9	826.0	-6.1	-6.8	268.0	11.2	11.2	0.4	282.4	289.9	2.8	94.9	1.9	78.
4.8	21.0	1717.7	815.0	-7.0	-7.8	263.7	11.0	10.9	1.2	282.5	289.5	2.6	93.5	2.1	79.
5.1	22.0	1814.1	805.0	-7.4	-7.9	260.2	11.2	11.0	1.9	283.1	290.1	2.6	96.0	2.3	79.
5.4	23.0	1921.2	794.0	-8.2	-8.6	258.4	12.4	12.2	2.5	283.4	290.2	2.5	96.3	2.5	79.
5.7	24.0	2019.6	784.0	-8.6	-9.1	259.5	13.5	13.2	2.5	283.9	290.6	2.5	96.2	2.8	79.
6.0	25.0	2139.6	772.0	-7.4	-10.4	261.5	14.4	14.3	2.1	286.4	292.6	2.2	78.8	3.0	79.
6.4	26.0	2251.2	761.0	-8.4	-12.6	260.4	13.9	13.7	2.3	286.4	291.8	1.9	71.7	3.4	80.
6.7	27.0	2353.8	751.0	-9.0	-13.1	260.4	13.6	13.4	2.3	286.9	292.1	1.9	72.1	3.6	79.
7.0	28.0	2457.4	741.0	-9.7	-13.5	260.9	13.4	13.2	2.1	287.2	292.3	1.8	73.9	3.9	79.
7.3	29.0	2562.3	731.0	-10.3	-13.5	261.9	13.3	13.1	1.9	287.7	292.9	1.8	77.1	4.1	79.
7.7	30.0	2657.6	722.0	-11.2	-14.2	262.5	13.6	13.5	1.8	287.8	292.7	1.8	78.4	4.4	80.
8.0	31.0	2764.6	712.0	-11.6	-14.4	262.5	14.3	14.1	1.9	288.4	293.4	1.8	80.0	4.6	80.
8.3	32.0	2862.1	703.0	-11.9	-15.9	261.5	15.6	15.4	2.3	289.1	293.7	1.6	72.2	4.9	80.
8.6	33.0	2971.7	693.0	-12.6	-18.4	260.5	16.9	16.7	2.8	289.5	293.2	1.3	61.4	5.2	80.
8.9	34.0	3071.6	684.0	-12.5	-19.0	259.5	18.1	17.8	3.3	290.7	294.4	1.2	57.9	5.5	80.
9.2	35.0	3195.3	673.0	-13.0	-20.3	258.5	19.0	18.6	3.8	291.4	294.8	1.1	54.0	5.9	80.
9.6	36.0	3309.4	663.0	-13.6	-22.0	257.0	19.9	19.4	4.5	292.0	295.0	1.0	48.8	6.3	80.
10.0	37.0	3413.2	654.0	-14.3	-24.1	255.4	20.6	20.0	5.2	292.4	294.9	0.8	43.0	6.8	80.
10.3	38.0	3518.2	645.0	-15.0	-27.0	254.0	21.4	20.6	5.9	292.7	294.7	0.6	34.9	7.2	79.
10.6	39.0	3624.4	636.0	-15.4	-27.8	252.7	22.2	21.2	6.6	293.4	295.3	0.6	33.4	7.6	79.
10.9	40.0	3743.9	626.0	-15.9	-29.3	251.4	22.9	21.7	7.3	294.1	295.8	0.5	30.3	8.0	79.
11.3	41.0	3852.9	617.0	-16.9	-32.9	250.4	23.6	22.2	7.9	294.2	295.4	0.4	23.4	8.5	78.
11.6	42.0	3963.1	608.0	-17.3	-35.4	250.1	24.0	22.6	8.2	295.0	296.0	0.3	18.8	9.0	78.
11.9	43.0	4074.7	599.0	-18.3	-37.0	250.3	24.2	22.8	8.2	295.1	296.0	0.3	17.5	9.4	77.
12.2	44.0	4174.9	591.0	-19.1	-37.6	250.9	24.2	22.8	7.9	295.3	296.1	0.2	17.5	9.8	77.
12.5	45.0	4276.2	583.0	-19.8	-40.5	251.6	24.0	22.8	7.6	295.7	296.3	0.2	13.8	10.3	77.
12.8	46.0	4378.5	575.0	-20.8	-45.6	252.0	23.6	22.4	7.3	295.6	295.9	0.1	8.6	10.7	77.
13.2	47.0	4495.1	566.0	-21.2	-44.8	251.6	23.1	21.9	7.3	296.4	296.8	0.1	9.8	11.3	76.
13.5	48.0	4599.9	558.0	-22.0	-43.3	250.8	22.9	21.6	7.5	296.7	297.2	0.1	12.5	11.7	76.
13.8	49.0	4706.1	550.0	-22.2	-41.4	248.9	23.1	21.5	8.3	297.8	298.4	0.2	15.5	12.1	76.
14.2	50.0	4813.8	542.0	-22.6	-38.8	246.7	23.5	21.6	9.3	298.5	299.3	0.2	20.9	12.6	76.
14.6	51.0	4936.4	533.0	-23.6	-38.8	245.2	24.2	21.9	10.2	298.7	299.5	0.2	23.1	13.2	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
1715 GMT

139 77. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEV PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.9	52.0	5046.8	525.0	-24.6	-38.8	245.0	24.7	22.4	10.5	298.9	299.7	0.2	25.1	13.6	75.
15.2	53.0	5158.4	517.0	-25.2	-37.5	245.5	25.3	23.0	10.5	299.4	300.3	0.3	30.5	14.0	75.
15.5	54.0	5257.2	510.0	-26.2	-36.0	246.4	25.8	23.6	10.3	299.4	300.5	0.3	38.6	14.5	74.
15.9	55.0	5385.9	501.0	-26.7	-37.2	247.6	26.2	24.2	10.0	300.3	301.3	0.3	36.0	15.1	74.
16.2	56.0	5501.8	493.0	-28.0	-41.5	248.3	26.3	24.4	9.7	300.0	300.7	0.2	26.0	15.6	74.
16.6	57.0	5619.0	485.0	-29.1	-42.7	249.0	26.2	24.4	9.4	300.1	300.7	0.2	25.3	16.2	74.
16.9	58.0	5722.8	478.0	-30.2	-44.4	249.4	25.9	24.2	9.1	300.1	300.6	0.1	23.1	16.7	73.
17.2	59.0	5827.6	471.0	-31.0	-45.9	249.4	25.8	24.2	9.1	300.3	300.8	0.1	21.2	17.2	73.
17.5	60.0	5948.9	463.0	-31.9	-45.9	249.3	25.9	24.2	9.2	300.7	301.1	0.1	23.2	17.7	73.
17.9	61.0	6056.3	456.0	-33.0	-46.5	248.0	27.1	25.1	10.1	300.6	301.1	0.1	24.1	18.2	73.
18.2	62.0	6165.0	449.0	-33.6	-44.3	247.3	28.3	26.2	10.9	301.1	301.7	0.2	32.9	18.7	73.
18.5	63.0	6275.0	442.0	-34.6	-44.0	246.7	29.8	27.4	11.8	301.3	301.9	0.2	37.5	19.2	73.
18.8	64.0	6370.4	436.0	-35.5	-43.7	247.2	30.8	28.4	11.9	301.3	301.9	0.2	42.5	19.8	73.
19.1	65.0	6499.0	428.0	-36.5	-44.0	248.0	31.8	29.5	11.9	301.7	302.3	0.2	44.8	20.4	72.
19.5	66.0	6629.6	420.0	-37.4	-45.1	249.5	32.8	30.7	11.5	302.1	302.6	0.2	44.2	21.1	72.
19.7	67.0	6728.7	414.0	-38.5	-46.0	250.0	33.6	31.6	11.5	301.9	302.4	0.1	44.6	21.5	72.
20.1	68.0	6828.9	408.0	-39.5	-47.1	250.4	35.4	33.4	11.9	301.9	302.4	0.1	43.6	22.3	72.
20.4	69.0	6947.2	401.0	-40.1	99.9	249.9	37.2	34.9	12.8	302.6	999.9	999.9	999.9	23.0	72.
20.7	70.0	7067.1	394.0	-41.0	99.9	248.8	39.0	36.4	14.1	303.0	999.9	999.9	999.9	23.7	72.
21.1	71.0	7188.9	387.0	-41.5	99.9	247.1	41.6	38.3	16.2	303.9	999.9	999.9	999.9	24.6	72.
21.4	72.0	7294.7	381.0	-42.4	99.9	245.6	43.7	39.8	18.0	304.1	999.9	999.9	999.9	25.4	72.
21.7	73.0	7401.9	375.0	-42.8	99.9	244.4	46.2	41.7	20.0	304.9	999.9	999.9	999.9	26.2	72.
22.1	74.0	7510.6	369.0	-43.5	99.9	243.1	50.1	44.7	22.7	305.4	999.9	999.9	999.9	27.3	71.
22.4	75.0	7620.7	363.0	-43.9	99.9	242.5	53.5	47.5	24.7	306.3	999.9	999.9	999.9	28.2	71.
22.7	76.0	7732.6	357.0	-44.2	99.9	242.4	57.3	50.8	26.6	307.4	999.9	999.9	999.9	29.2	71.
23.0	77.0	7846.1	351.0	-44.7	99.9	242.4	61.3	54.4	28.4	308.3	999.9	999.9	999.9	30.1	70.
23.3	78.0	7961.4	345.0	-44.9	99.9	242.8	65.2	58.0	29.8	309.4	999.9	999.9	999.9	31.4	70.
23.7	79.0	8058.9	340.0	-45.4	99.9	242.9	69.4	61.8	31.6	310.1	999.9	999.9	999.9	33.0	70.
24.0	80.0	8197.7	333.0	-45.5	99.9	242.8	71.8	63.8	32.8	311.8	999.9	999.9	999.9	34.3	70.
24.4	81.0	8318.7	327.0	-46.1	99.9	241.8	72.6	64.0	34.3	312.6	999.9	999.9	999.9	36.2	69.
24.7	82.0	8421.0	322.0	-46.8	99.9	241.3	73.1	64.1	35.1	312.9	999.9	999.9	999.9	37.4	69.
25.1	83.0	8545.4	316.0	-48.0	99.9	241.0	74.1	64.8	35.9	313.0	999.9	999.9	999.9	39.0	69.
25.4	84.0	8650.4	311.0	-48.8	99.9	241.2	75.6	66.2	36.5	313.4	999.9	999.9	999.9	40.4	68.
25.7	85.0	8778.2	305.0	-49.7	99.9	241.4	76.9	67.5	36.8	313.8	999.9	999.9	999.9	41.8	68.
26.1	86.0	8907.9	299.0	-50.8	99.9	241.5	77.6	68.2	37.0	314.1	999.9	999.9	999.9	43.7	68.
26.4	87.0	9017.5	294.0	-51.5	99.9	241.4	76.5	67.2	36.6	314.5	999.9	999.9	999.9	45.2	68.
26.8	88.0	9151.1	288.0	-52.5	99.9	241.2	74.0*	64.9	35.6	315.0	999.9	999.9	999.9	47.0	67.
27.1	89.0	9264.3	283.0	-52.3	99.9	241.2	72.1*	63.2	34.7	316.8	999.9	999.9	999.9	48.2	67.
27.4	90.0	9356.4	279.0	-52.2	99.9	241.5	70.4*	61.9	33.6	318.4	999.9	999.9	999.9	49.3	67.
27.7	91.0	9473.4	274.0	-52.6	99.9	242.0	68.1*	60.1	32.0	319.3	999.9	999.9	999.9	50.7	67.
28.0	92.0	9592.4	269.0	-52.5	99.9	242.6	65.4*	58.1	30.1	321.2	999.9	999.9	999.9	52.2	67.
28.3	93.0	9713.5	264.0	-52.8	99.9	243.5	62.2*	55.7	27.8	322.5	999.9	999.9	999.9	53.2	67.
28.6	94.0	9836.9	259.0	-52.8	99.9	244.4	59.5*	53.6	25.7	324.3	999.9	999.9	999.9	54.2	67.
29.0	95.0	9962.8	254.0	-52.8	99.9	245.6	57.3*	52.1	23.7	326.1	999.9	999.9	999.9	55.3	67.
29.3	96.0	10091.4	249.0	-51.9	99.9	246.0	55.8*	51.0	22.7	329.4	999.9	999.9	999.9	56.6	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
1715 GMT

139 77. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
29.7	97.0	10196.4	245.0	-51.7	99.9	246.2	53.7*	49.1	21.6	331.1	999.9	99.9	999.9	58.0	67.
30.2	98.0	10329.9	240.0	-52.3	99.9	246.0	52.1*	47.6	21.1	332.1	999.9	99.9	999.9	59.4	67.
30.6	99.0	10438.6	236.0	-52.6	99.9	246.1	53.0*	48.4	21.5	333.3	999.9	99.9	999.9	60.6	67.
30.9	100.0	10576.9	231.0	-52.6	99.9	246.4	55.3*	50.7	22.2	335.3	999.9	99.9	999.9	61.6	67.
31.4	101.0	10718.2	226.0	-52.6	99.9	246.6	58.9*	54.1	23.4	337.4	999.9	99.9	999.9	63.2	67.
31.8	102.0	10833.8	222.0	-51.7	99.9	246.5	59.1*	54.2	23.6	340.6	999.9	99.9	999.9	64.9	67.
32.1	103.0	10951.8	218.0	-51.5	99.9	246.3	57.9*	53.0	23.3	342.6	999.9	99.9	999.9	66.1	67.
32.4	104.0	11102.3	213.0	-51.7	99.9	246.2	55.0*	50.3	22.2	344.6	999.9	99.9	999.9	66.9	67.
32.7	105.0	11225.2	209.0	-52.0	99.9	246.3	52.3*	47.9	21.0	346.0	999.9	99.9	999.9	67.9	67.
33.1	106.0	11350.3	205.0	-52.2	99.9	246.7	49.6*	45.5	19.6	347.7	999.9	99.9	999.9	69.2	67.
33.4	107.0	11445.8	202.0	-52.0	99.9	246.9	49.0*	45.1	19.2	349.4	999.9	99.9	999.9	69.8	67.
33.7	108.0	11575.1	198.0	-52.6	99.9	246.9	48.8*	44.9	19.2	350.4	999.9	99.9	999.9	70.7	67.
34.1	109.0	11706.8	194.0	-53.1	99.9	246.5	48.8*	44.7	19.5	351.7	999.9	99.9	999.9	72.1	67.
34.4	110.0	11841.1	190.0	-53.1	99.9	245.8	48.3*	44.1	19.8	353.8	999.9	99.9	999.9	72.8	67.
34.9	111.0	11978.2	186.0	-53.1	99.9	245.1	47.5*	43.1	20.0	356.0	999.9	99.9	999.9	74.4	67.
35.3	112.0	12118.3	182.0	-53.1	99.9	245.3	47.3*	43.0	19.8	358.2	999.9	99.9	999.9	75.4	66.
35.6	113.0	12225.4	179.0	-53.4	99.9	245.5	47.5*	43.2	19.7	359.4	999.9	99.9	999.9	76.2	66.
36.1	114.0	12370.8	175.0	-53.4	99.9	245.3	48.0*	43.6	20.1	361.7	999.9	99.9	999.9	77.8	66.
36.5	115.0	12519.5	171.0	-53.6	99.9	244.5	47.9*	43.3	20.6	363.8	999.9	99.9	999.9	78.7	66.
37.0	116.0	12672.0	167.0	-53.0	99.9	243.5	45.3*	40.6	20.3	367.4	999.9	99.9	999.9	80.5	66.
37.3	117.0	12788.8	164.0	-53.1	99.9	242.7	43.4*	38.6	19.9	369.0	999.9	99.9	999.9	81.2	66.
37.7	118.0	12907.8	161.0	-53.3	99.9	241.6	42.6*	37.5	20.3	370.7	999.9	99.9	999.9	82.1	66.
38.1	119.0	13069.7	157.0	-53.6	99.9	240.8	44.4*	38.8	21.7	372.8	999.9	99.9	999.9	83.0	66.
38.4	120.0	13193.5	154.0	-54.6	99.9	240.6	47.5*	41.3	23.3	373.2	999.9	99.9	999.9	83.7	66.
38.8	121.0	13319.3	151.0	-55.1	99.9	240.6	50.5*	44.0	24.8	374.5	999.9	99.9	999.9	85.1	66.
39.2	122.0	13447.5	148.0	-54.9	99.9	240.5	51.5*	44.8	25.4	376.9	999.9	99.9	999.9	86.4	66.
39.6	123.0	13622.4	144.0	-55.6	99.9	240.2	50.3*	43.6	25.0	378.7	999.9	99.9	999.9	87.5	66.
40.1	124.0	13756.7	141.0	-55.1	99.9	239.5	45.9*	39.5	23.3	381.9	999.9	99.9	999.9	89.3	66.
40.5	125.0	13894.1	138.0	-54.9	99.9	238.8	41.7*	35.7	21.6	384.5	999.9	99.9	999.9	90.1	66.
41.0	126.0	14082.2	134.0	-54.7	99.9	239.2	39.6*	34.0	20.3	388.1	999.9	99.9	999.9	91.3	66.
41.4	127.0	14227.0	131.0	-55.1	99.9	240.4	42.0*	36.5	20.7	390.0	999.9	99.9	999.9	92.2	66.
41.7	128.0	14325.2	129.0	-55.2	99.9	240.8	43.4*	37.9	21.2	391.4	999.9	99.9	999.9	92.8	66.
42.1	129.0	14475.2	126.0	-55.9	99.9	240.9	43.8*	38.2	21.3	392.9	999.9	99.9	999.9	93.9	66.
42.5	130.0	14628.3	123.0	-56.6	99.9	240.3	40.1*	34.8	19.9	394.4	999.9	99.9	999.9	95.8	65.
43.0	131.0	14838.6	119.0	-55.4	99.9	241.7	37.2*	32.7	17.6	400.3	999.9	99.9	999.9	96.0	65.
43.4	132.0	14946.8	117.0	-55.1	99.9	244.8	42.2*	38.2	18.0	402.8	999.9	99.9	999.9	96.7	65.
43.9	133.0	15112.5	114.0	-55.6	99.9	248.1	47.7*	44.3	17.8	404.9	999.9	99.9	999.9	98.6	65.
44.3	134.0	15282.2	111.0	-56.2	99.9	250.2	47.3*	44.5	16.1	406.7	999.9	99.9	999.9	99.8	65.
44.8	135.0	15456.8	108.0	-54.9	99.9	251.8	44.5*	42.3	13.9	412.5	999.9	99.9	999.9	101.1	66.
45.2	136.0	15636.9	105.0	-54.9	99.9	251.9	43.7*	41.6	13.6	415.8	999.9	99.9	999.9	102.1	66.
45.7	137.0	15822.0	102.0	-55.2	99.9	250.8	43.9*	41.5	14.4	418.6	999.9	99.9	999.9	103.3	66.
46.2	138.0	16012.3	99.0	-55.9	99.9	248.5	40.4*	37.6	14.8	420.9	999.9	99.9	999.9	104.9	66.
46.5	139.0	16274.7	95.0	-55.9	99.9	246.3	36.1*	33.0	14.5	425.9	999.9	99.9	999.9	106.1	66.
47.1	140.0	16479.1	92.0	-55.4	99.9	245.4	33.2*	30.2	13.8	430.8	999.9	99.9	999.9	106.3	66.
47.6	141.0	16690.8	89.0	-54.9	99.9	250.1	41.1	38.6	14.0	435.9	999.9	99.9	999.9	107.5	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
1715 GMT

139 77. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
48.2	142.0	16910.0	86.0	-54.9	94.9	999.9	99.9	99.9	99.9	440.2	999.9	99.9	999.9	999.9	999.
48.6	143.0	17136.5	83.0	-55.9	95.9	999.9	99.9	99.9	99.9	442.7	999.9	99.9	999.9	999.9	999.
49.3	144.0	17370.4	80.0	-56.6	95.9	999.9	99.9	99.9	99.9	446.0	999.9	99.9	999.9	999.9	999.
49.8	145.0	17612.9	77.0	-56.4	99.9	999.9	99.9	99.9	99.9	451.2	999.9	99.9	999.9	999.9	999.



STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
2015 GMT

129 86. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CONP M/SEC	V CONP M/SEC	POT T DG K	E POT T DG K	WX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	246.0	679.4	2.2	-0.1	290.0	5.1	4.8	-1.7	277.5	287.5	3.9	85.0	0.0	0.
0.3	8.0	315.5	671.0	1.2	-0.9	260.7	6.7	6.6	1.1	277.2	286.7	3.7	85.8	0.1	87.
0.6	9.0	415.5	659.0	0.4	-0.8	260.5	6.9	6.8	1.1	277.4	287.0	3.8	91.2	0.2	88.
0.9	10.0	516.4	647.0	-0.8	-1.9	259.9	7.4	7.2	1.3	277.0	286.1	3.5	92.2	0.3	84.
1.3	11.0	635.4	633.0	-1.2	-2.0	257.9	8.0	7.9	1.7	277.9	287.1	3.5	93.9	0.5	82.
1.6	12.0	738.5	621.0	-2.2	-2.6	256.8	8.6	8.3	2.0	277.8	286.7	3.4	97.6	0.6	81.
2.0	13.0	842.7	609.0	-3.0	-3.0	256.4	9.2	8.9	2.2	278.0	286.8	3.4	100.2	0.8	79.
2.3	14.0	939.1	608.0	-3.5	-3.5	258.8	10.0	9.8	2.8	278.5	287.1	3.3	100.4	1.0	79.
2.6	15.0	1036.5	687.0	-4.2	-4.2	260.6	10.5	10.3	1.7	278.7	286.9	3.1	100.5	1.2	79.
2.9	16.0	1161.5	673.0	-5.0	-5.0	262.2	10.1	10.0	1.4	279.1	287.1	3.0	100.4	1.4	80.
3.2	17.0	1270.7	661.0	-5.6	-5.6	263.0	9.6	9.5	1.2	279.6	287.3	2.9	100.3	1.6	80.
3.5	18.0	1362.3	651.0	-6.2	-6.2	263.4	9.0	8.9	1.0	279.9	287.4	2.8	100.2	1.7	80.
3.8	19.0	1464.1	640.0	-6.6	-6.6	263.1	9.0	8.9	1.1	280.5	287.8	2.8	100.2	1.9	81.
4.1	20.0	1576.5	628.0	-6.9	-6.9	262.7	9.1	9.0	1.2	281.3	288.6	2.7	100.1	2.1	81.
4.5	21.0	1700.1	615.0	-7.2	-7.2	262.1	9.5	9.4	1.3	282.3	289.6	2.7	100.1	2.3	81.
4.7	22.0	1796.3	605.0	-8.0	-8.0	260.4	9.4	9.2	1.6	282.5	289.5	2.6	100.0	2.4	81.
5.0	23.0	1903.1	794.0	-8.7	-8.7	257.8	9.2	9.0	1.9	282.8	289.5	2.5	99.8	2.6	81.
5.3	24.0	1991.5	785.0	-9.1	-9.2	252.0	10.3	9.8	3.2	283.2	289.8	2.4	99.8	2.7	81.
5.6	25.0	2100.9	774.0	-8.7	-8.8	249.0	11.4	10.6	4.1	284.9	291.8	2.5	99.1	2.9	80.
5.9	26.0	2232.3	761.0	-8.6	-8.7	249.4	12.2	11.4	4.3	286.4	293.5	2.6	98.6	3.2	79.
6.1	27.0	2345.3	750.0	-9.0	-9.2	249.9	12.5	11.8	4.3	287.1	294.1	2.5	98.5	3.3	78.
6.4	28.0	2449.1	740.0	-9.9	-10.1	250.9	12.8	12.1	4.2	287.3	293.9	2.4	98.2	3.6	78.
6.7	29.0	2554.0	730.0	-10.6	-10.9	252.0	13.1	12.5	4.1	287.6	293.9	2.3	97.6	3.8	77.
7.0	30.0	2660.1	720.0	-11.4	-11.8	253.1	13.5	13.0	3.9	287.7	293.8	2.2	97.2	4.0	77.
7.3	31.0	2767.2	710.0	-11.9	-12.2	253.2	14.4	13.8	4.2	288.4	294.3	2.1	97.0	4.2	77.
7.6	32.0	2875.9	700.0	-12.4	-12.8	253.2	15.2	14.5	4.4	289.0	294.7	2.0	96.7	4.5	77.
7.9	33.0	2985.8	690.0	-12.8	-13.3	252.9	15.7	15.0	4.6	289.7	295.3	2.0	96.4	4.8	77.
8.2	34.0	3086.0	681.0	-13.3	-13.9	252.8	15.5	14.8	4.6	290.3	295.7	1.9	95.1	5.1	76.
8.5	35.0	3187.3	672.0	-13.8	-14.7	252.8	15.0	14.3	4.4	290.7	295.9	1.8	93.1	5.4	76.
8.9	36.0	3335.6	659.0	-14.4	-15.5	253.2	14.6	14.0	4.2	291.7	296.7	1.7	91.2	5.8	76.
9.2	37.0	3439.9	650.0	-14.8	-15.9	253.4	15.4	14.7	4.4	292.4	297.3	1.7	91.4	5.9	76.
9.5	38.0	3545.4	641.0	-15.5	-16.7	253.6	16.6	15.9	4.7	292.8	297.5	1.6	90.5	6.0	76.
9.9	39.0	3652.0	632.0	-16.2	-17.5	252.9	17.3	16.6	5.1	293.2	297.6	1.5	89.4	6.8	76.
10.1	40.0	3759.9	623.0	-16.9	-18.5	252.1	17.3	16.4	5.3	293.6	297.7	1.4	87.0	7.0	76.
10.5	41.0	3893.6	612.0	-17.6	-19.6	249.6	16.2	15.2	5.7	294.3	298.2	1.3	84.2	7.4	75.
10.8	42.0	4004.5	603.0	-18.2	-20.3	247.0	16.8	15.5	6.6	294.7	298.5	1.3	83.7	7.5	75.
11.1	43.0	4116.7	594.0	-18.8	-20.7	245.0	17.8	16.2	7.6	295.4	299.0	1.2	84.4	7.7	75.
11.3	44.0	4230.4	585.0	-19.3	-21.3	244.3	19.1	17.2	8.3	296.0	299.6	1.2	84.3	8.0	75.
11.7	45.0	4345.5	576.0	-20.4	-21.4	243.9	21.0	18.9	9.2	296.0	299.3	1.1	83.6	8.6	74.
11.9	46.0	4449.0	568.0	-21.2	-22.3	244.1	21.7	19.5	9.5	296.3	299.4	1.0	82.9	8.8	73.
12.2	47.0	4566.8	559.0	-21.7	-23.9	244.7	22.5	20.4	9.6	297.0	300.0	1.0	82.7	9.2	73.
12.6	48.0	4672.8	551.0	-22.5	-25.0	245.4	23.4	21.3	9.7	297.2	300.0	0.9	79.9	9.7	73.
12.8	49.0	4780.1	543.0	-23.2	-25.9	245.6	23.8	21.7	9.8	297.7	300.3	0.8	78.5	10.0	72.
13.2	50.0	4902.3	534.0	-24.0	-26.9	245.7	24.3	22.1	10.0	298.2	300.6	0.8	77.0	10.6	72.
13.6	51.0	5040.1	524.0	-24.9	-26.0	245.5	24.4	22.2	10.1	298.6	300.9	0.7	75.5	11.1	72.

\* BY SPFFD MEANS ELEVATION ANGLE BETWEEN S AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
2015 GMT

129 86. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
12.8	52.0	5151.7	516.0	-25.9	-25.1	245.3	24.6	22.3	10.3	298.8	300.9	0.7	74.0	11.5	72.
14.1	53.0	5264.8	508.0	-26.7	-30.1	244.9	24.9	22.6	10.6	299.2	301.1	0.6	72.3	11.9	71.
14.5	54.0	5379.1	500.0	-27.9	-31.7	244.0	25.9	23.3	11.3	299.1	300.8	0.5	69.4	12.5	71.
14.7	55.0	5494.6	492.0	-28.5	-32.4	243.2	26.3	23.4	11.8	299.6	301.3	0.5	69.0	12.8	71.
15.1	56.0	5626.9	483.0	-29.9	-33.7	241.6	26.7	23.4	12.7	299.6	301.0	0.5	68.7	13.5	71.
15.4	57.0	5745.7	475.0	-30.8	-34.6	240.4	26.4	22.9	13.0	299.9	301.2	0.4	68.8	14.0	70.
15.7	58.0	5866.1	467.0	-31.6	-35.6	239.5	26.1	22.5	13.3	300.3	301.6	0.4	67.5	14.5	70.
16.0	59.0	5972.7	460.0	-32.7	-36.6	238.7	25.9	22.1	13.4	300.3	301.5	0.4	67.3	14.9	69.
16.3	60.0	6076.2	452.0	-33.3	-37.3	237.4	26.5	22.3	14.3	301.0	302.1	0.3	66.7	15.3	69.
16.6	61.0	6189.9	446.0	-34.4	-38.4	235.8	27.3	22.6	15.3	300.8	301.8	0.3	66.3	15.8	69.
16.8	62.0	6316.2	438.0	-35.5	-39.7	234.4	28.0	22.8	16.3	301.0	301.9	0.3	64.4	16.1	69.
17.2	63.0	6428.1	431.0	-36.5	-40.8	231.7	29.6	23.2	18.3	301.0	301.8	0.2	64.3	16.8	68.
17.4	64.0	6557.8	423.0	-37.2	-41.3	230.6	30.3	23.4	19.3	301.7	302.5	0.2	65.0	17.2	68.
17.7	65.0	6656.4	417.0	-38.0	-41.8	229.8	31.6	24.1	20.4	301.9	302.7	0.2	67.4	17.7	67.
18.1	66.0	6806.2	408.0	-39.5	-42.9	229.7	33.0	25.2	21.4	301.8	302.5	0.2	70.2	18.3	66.
18.3	67.0	6924.4	401.0	-40.1	95.9	229.9	33.6	25.7	21.6	302.7	999.9	99.9	999.9	18.8	66.
18.7	68.0	7044.5	394.0	-40.7	95.9	230.8	35.3	27.4	22.3	303.5	999.9	99.9	999.9	19.7	65.
19.0	69.0	7166.4	387.0	-41.2	99.9	231.7	37.2	29.2	23.1	304.3	999.9	99.9	999.9	20.3	65.
19.3	70.0	7272.6	381.0	-41.5	99.9	233.4	42.0	33.7	25.0	305.3	999.9	99.9	999.9	20.6	64.
19.7	71.0	7416.3	373.0	-42.2	99.9	235.2	48.5	39.8	27.7	306.2	999.9	99.9	999.9	21.7	64.
19.9	72.0	7544.3	366.0	-42.9	99.9	235.9	51.9	43.0	29.1	307.0	999.9	99.9	999.9	22.6	64.
20.3	73.0	7655.6	360.0	-43.6	95.9	236.3	56.5	47.0	31.3	307.5	999.9	99.9	999.9	23.9	63.
20.6	74.0	7768.5	354.0	-43.9	95.9	236.2	59.2	49.2	32.9	308.6	999.9	99.9	999.9	24.8	63.
20.8	75.0	7902.7	347.0	-43.6	95.9	235.8	60.7	50.2	34.2	310.7	999.9	99.9	999.9	25.6	63.
21.2	76.0	8019.9	341.0	-44.0	99.9	234.9	63.7	52.2	36.6	311.7	999.9	99.9	999.9	27.1	62.
21.5	77.0	8138.9	335.0	-44.6	99.9	234.3	65.9	53.5	38.4	312.5	999.9	99.9	999.9	28.2	62.
21.8	78.0	8259.7	329.0	-45.2	99.9	234.1	66.5	53.9	39.0	313.3	999.9	99.9	999.9	29.5	62.
22.1	79.0	8382.5	323.0	-45.6	99.9	234.1	66.7	54.0	39.1	314.4	999.9	99.9	999.9	30.7	61.
22.3	80.0	8507.3	317.0	-46.1	99.9	234.2	66.0	53.6	38.6	315.4	999.9	99.9	999.9	31.5	61.
22.7	81.0	8655.7	310.0	-46.6	95.9	234.7	64.7	52.8	37.5	316.7	999.9	99.9	999.9	33.1	61.
23.1	82.0	8785.1	304.0	-47.4	95.9	235.1	63.6	52.2	36.4	317.4	999.9	99.9	999.9	34.6	61.
23.4	83.0	8894.6	299.0	-48.1	95.9	235.3	63.3	52.0	36.1	317.9	999.9	99.9	999.9	35.6	60.
23.7	84.0	9028.1	293.0	-48.4	99.9	235.3	63.2	51.9	36.0	319.3	999.9	99.9	999.9	36.8	60.
24.0	85.0	9164.3	287.0	-48.7	99.9	235.2	63.2	51.9	36.0	320.7	999.9	99.9	999.9	38.1	60.
24.4	86.0	9302.9	281.0	-49.5	99.9	235.3	62.8	51.7	35.7	321.6	999.9	99.9	999.9	39.4	60.
24.8	87.0	9444.3	275.0	-49.6	99.9	235.6	61.9	51.1	35.0	323.4	999.9	99.9	999.9	41.0	60.
25.1	88.0	9564.3	270.0	-50.2	95.9	235.9	61.1	50.6	34.2	324.2	999.9	99.9	999.9	42.2	60.
25.4	89.0	9686.3	265.0	-50.2	99.9	236.3	60.0	49.9	33.3	325.9	999.9	99.9	999.9	43.1	60.
25.7	90.0	9810.6	260.0	-50.5	99.9	236.3	59.1	49.5	32.4	327.2	999.9	99.9	999.9	44.2	60.
26.1	91.0	9937.2	255.0	-50.5	99.9	237.8	58.4	49.4	31.1	329.1	999.9	99.9	999.9	45.7	59.
26.5	92.0	10066.3	250.0	-50.7	99.9	239.0	58.2	49.9	29.9	330.7	999.9	99.9	999.9	46.9	59.
26.8	93.0	10197.9	245.0	-50.7	99.9	239.8	57.6	49.8	29.0	332.6	999.9	99.9	999.9	48.1	59.
27.1	94.0	10359.6	239.0	-50.4	99.9	240.4	56.9	49.5	28.1	335.5	999.9	99.9	999.9	49.2	59.
27.5	95.0	10469.7	235.0	-50.4	95.9	240.9	55.8	48.7	27.1	337.1	999.9	99.9	999.9	50.5	59.
27.9	96.0	10638.3	229.0	-50.9	95.9	241.1	54.8	48.0	26.5	338.9	999.9	99.9	999.9	51.7	59.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
2015 GMT

129 86. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
28.3	97.0	10782.1	224.0	-50.7	99.9	241.2	53.1	46.5	25.6	341.3	999.9	99.9	999.9	53.2	60.
28.6	98.0	10929.1	219.0	-50.9	99.9	241.3	51.5	45.2	24.7	343.2	999.9	99.9	999.9	54.2	60.
29.0	99.0	11049.0	215.0	-51.3	99.9	241.5	49.0	43.0	23.4	344.3	999.9	99.9	999.9	55.3	60.
29.4	100.0	11171.1	211.0	-51.2	99.9	241.7	48.2	42.5	22.9	346.4	999.9	99.9	999.9	56.3	60.
29.8	101.0	11358.6	205.0	-51.3	99.9	242.2	48.7	43.1	22.7	349.0	999.9	99.9	999.9	57.5	60.
30.3	102.0	11486.7	201.0	-51.3	99.9	243.3	49.8	44.5	22.4	351.0	999.9	99.9	999.9	59.0	60.
30.6	103.0	11650.2	196.0	-51.6	99.9	244.1	50.4	45.3	22.0	353.1	999.9	99.9	999.9	59.9	60.
31.0	104.0	11783.2	192.0	-52.3	99.9	245.0	51.1	46.3	21.6	354.1	999.9	99.9	999.9	61.1	60.
31.4	105.0	11920.0	188.0	-52.4	99.9	244.7	51.6	46.7	22.1	356.0	999.9	99.9	999.9	62.3	60.
31.8	106.0	12094.0	183.0	-53.1	99.9	243.6	51.2*	45.9	22.8	357.7	999.9	99.9	999.9	63.6	60.
32.2	107.0	12200.6	180.0	-53.2	99.9	242.6	49.4*	43.9	22.7	359.2	999.9	99.9	999.9	64.9	60.
32.5	108.0	12345.3	176.0	-53.2	99.9	242.0	47.2*	41.7	22.1	361.5	999.9	99.9	999.9	65.9	60.
33.1	109.0	12493.3	172.0	-53.5	99.9	243.6	43.3*	38.8	19.2	363.4	999.9	99.9	999.9	67.3	60.
33.5	110.0	12644.6	168.0	-53.9	99.9	245.5	43.0*	39.1	17.8	365.3	999.9	99.9	999.9	68.1	60.
34.0	111.0	12838.4	163.0	-54.5	99.9	247.2	44.3*	40.8	17.1	367.3	999.9	99.9	999.9	69.8	60.
34.3	112.0	12957.2	160.0	-55.0	99.9	247.5	44.1*	40.8	16.9	368.5	999.9	99.9	999.9	70.4	61.
34.8	113.0	13118.9	156.0	-55.3	99.9	247.4	43.0*	39.7	16.5	370.6	999.9	99.9	999.9	71.8	61.
35.2	114.0	13284.6	152.0	-55.5	99.9	246.9	42.2*	38.8	16.5	373.1	999.9	99.9	999.9	72.8	61.
35.6	115.0	13411.5	149.0	-55.8	99.9	246.1	42.4*	38.8	17.2	374.6	999.9	99.9	999.9	73.6	61.
36.1	116.0	13628.6	144.0	-56.3	99.9	244.0	44.6*	40.1	19.5	377.4	999.9	99.9	999.9	74.9	61.
36.4	117.0	13762.3	141.0	-56.2	99.9	242.5	46.2*	41.0	21.3	380.0	999.9	99.9	999.9	76.0	61.
36.9	118.0	13899.3	138.0	-55.3	99.9	241.4	49.2*	43.2	23.6	383.8	999.9	99.9	999.9	77.0	61.
37.3	119.0	14086.5	134.0	-55.5	99.9	242.3	50.5*	44.7	23.5	386.8	999.9	99.9	999.9	78.4	61.
37.7	120.0	14231.4	131.0	-55.2	99.9	244.0	49.1*	44.1	21.5	389.9	999.9	99.9	999.9	79.9	61.
38.1	121.0	14378.9	128.0	-56.2	99.9	246.3	45.9*	42.0	18.4	390.7	999.9	99.9	999.9	81.1	61.
38.6	122.0	14529.8	125.0	-55.8	99.9	249.0	44.8*	41.8	16.0	393.9	999.9	99.9	999.9	82.0	61.
39.0	123.0	14684.6	122.0	-55.3	99.9	250.5	48.7*	45.9	16.3	397.6	999.9	99.9	999.9	82.9	61.
39.5	124.0	14898.3	118.0	-53.4	99.9	251.3	51.5*	48.8	16.5	405.0	999.9	99.9	999.9	84.9	61.
39.9	125.0	15008.5	116.0	-52.4	99.9	251.3	44.8*	42.4	14.3	408.7	999.9	99.9	999.9	86.2	62.
40.5	126.0	15235.7	112.0	-51.9	99.9	251.1	30.7*	29.0	9.9	413.8	999.9	99.9	999.9	87.6	62.
40.9	127.0	15411.5	109.0	-52.3	99.9	250.3	27.6*	26.0	9.3	416.4	999.9	99.9	999.9	87.8	62.
41.5	128.0	15591.7	106.0	-53.1	99.9	247.7	31.8*	29.4	12.1	418.2	999.9	99.9	999.9	88.7	62.
41.9	129.0	15776.5	103.0	-53.9	99.9	246.5	35.6*	32.7	14.2	420.1	999.9	99.9	999.9	89.7	62.
42.3	130.0	15965.9	100.0	-55.0	99.9	246.2	36.2*	33.1	14.6	421.5	999.9	99.9	999.9	90.7	62.
42.9	131.0	16160.1	97.0	-55.8	99.9	246.2	36.8	33.7	14.9	423.6	999.9	99.9	999.9	92.0	62.
43.3	132.0	16359.6	94.0	-56.2	99.9	999.9	99.9	99.9	99.9	425.4	999.9	99.9	999.9	999.9	999.
43.9	133.0	16565.3	91.0	-56.5	99.9	999.9	99.9	99.9	99.9	430.0	999.9	99.9	999.9	999.9	999.
44.3	134.0	16706.3	89.0	-56.5	99.9	999.9	99.9	99.9	99.9	432.8	999.9	99.9	999.9	999.9	999.
44.8	135.0	16924.9	86.0	-54.7	99.9	999.9	99.9	99.9	99.9	440.7	999.9	99.9	999.9	999.9	999.

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
2315 GMT

133 74. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	246.0	981.4	0.0	-1.6	290.0	5.1	4.8	-1.7	275.1	284.0	3.5	89.0	0.0	0.
0.3	8.0	339.6	970.0	-0.6	-1.6	281.8	7.3	7.1	-1.5	275.4	284.4	3.5	92.8	0.2	109.
0.7	9.0	430.7	959.0	-1.3	-2.0	282.4	8.0	7.8	-1.7	275.5	284.4	3.4	95.4	0.3	107.
1.0	10.0	531.0	947.0	-2.3	-2.8	283.2	9.0	8.8	-2.1	275.5	284.0	3.3	96.4	0.4	105.
1.5	11.0	649.2	933.0	-3.1	-3.4	281.1	12.8	12.6	-2.5	275.9	284.2	3.2	97.6	0.6	105.
1.8	12.0	751.7	921.0	-3.7	-4.3	278.2	12.1	12.0	-1.7	276.3	284.1	3.0	95.4	1.0	103.
2.1	13.0	846.6	910.0	-4.1	-4.7	275.0	11.4	11.3	-1.0	276.7	284.5	3.0	95.8	1.3	102.
2.5	14.0	942.5	895.0	-4.9	-5.4	270.1	10.2	10.2	-0.0	276.9	284.4	2.8	96.2	1.5	101.
2.8	15.0	1057.0	886.0	-5.6	-6.2	269.0	10.4	10.4	0.2	277.3	284.4	2.7	96.1	1.7	99.
3.2	16.0	1163.9	874.0	-6.4	-6.9	266.4	10.6	10.6	0.7	277.6	284.5	2.6	96.4	1.9	98.
3.6	17.0	1262.9	863.0	-7.1	-7.5	263.0	11.3	11.2	1.4	277.8	284.5	2.5	97.0	2.1	96.
3.9	18.0	1372.0	851.0	-7.7	-8.2	261.4	12.5	12.3	1.9	278.3	284.7	2.4	96.4	2.4	95.
4.1	19.0	1463.5	841.0	-8.3	-9.0	261.1	12.9	12.7	2.0	278.6	284.7	2.3	94.4	2.5	94.
4.5	20.0	1566.2	830.0	-8.4	-9.3	261.7	13.0	12.9	1.9	279.5	285.6	2.3	93.4	2.8	93.
4.9	21.0	1679.2	818.0	-8.6	-9.5	262.1	12.8	12.7	1.8	280.5	286.6	2.3	92.8	3.1	92.
5.2	22.0	1784.3	807.0	-8.7	-9.8	262.0	13.3	13.1	1.8	281.4	287.5	2.2	91.9	3.4	91.
5.6	23.0	1880.8	797.0	-9.5	-10.7	261.3	14.2	14.0	2.1	281.6	287.4	2.1	90.8	3.7	90.
5.9	24.0	1988.2	786.0	-10.0	-11.3	260.1	14.5	14.3	2.5	282.1	287.7	2.0	90.1	4.0	90.
6.1	25.0	2086.8	776.0	-10.9	-12.2	259.0	14.5	14.3	2.8	282.2	287.5	1.9	90.0	4.1	89.
6.6	26.0	2216.6	763.0	-11.5	-12.8	255.6	14.2	13.7	3.5	283.0	288.1	1.9	89.9	4.5	88.
6.9	27.0	2317.7	753.0	-12.0	-13.3	254.0	14.2	13.7	3.9	283.4	288.4	1.8	90.1	4.8	87.
7.2	28.0	2419.9	743.0	-12.9	-14.1	252.6	14.5	13.9	4.3	283.5	288.3	1.7	90.3	5.0	87.
7.7	29.0	2523.3	733.0	-13.3	-14.4	250.4	15.5	14.6	5.2	284.2	288.9	1.7	91.1	5.4	85.
8.0	30.0	2627.8	723.0	-13.7	-14.8	249.0	16.2	15.1	5.8	284.8	289.5	1.7	91.4	5.7	85.
8.3	31.0	2733.7	713.0	-13.9	-14.9	247.2	16.9	15.6	6.6	285.8	290.6	1.7	91.8	6.0	84.
8.7	32.0	2841.1	703.0	-13.9	-14.5	245.3	17.8	16.2	7.5	287.0	292.0	1.8	95.3	6.4	83.
9.0	33.0	2939.0	694.0	-14.1	-14.8	244.1	18.4	16.5	8.0	287.7	292.7	1.7	94.3	6.7	82.
9.3	34.0	3049.1	684.0	-14.8	-15.6	244.4	18.7	16.9	8.1	288.1	292.9	1.7	94.2	7.0	81.
9.7	35.0	3149.3	675.0	-15.7	-16.5	245.9	18.9	17.2	7.7	288.3	292.7	1.6	93.4	7.5	80.
10.1	36.0	3273.2	664.0	-16.1	-17.0	248.8	18.7	17.4	6.8	289.2	293.6	1.5	92.9	7.9	79.
10.5	37.0	3387.4	654.0	-16.8	-17.7	252.9	18.1	17.3	5.3	289.6	293.8	1.4	92.2	8.4	78.
10.8	38.0	3491.6	645.0	-16.8	-17.8	256.2	17.4	16.9	4.2	290.8	295.0	1.5	91.3	8.7	78.
11.2	39.0	3597.2	636.0	-16.8	-17.9	260.4	16.5	16.3	2.7	292.0	296.2	1.5	90.7	9.1	78.
11.5	40.0	3704.2	627.0	-17.3	-18.6	263.5	15.8	15.7	1.8	292.5	296.6	1.4	89.5	9.4	79.
11.9	41.0	3836.8	616.0	-18.1	-19.5	265.7	15.1	15.0	1.1	293.1	296.9	1.3	88.7	9.8	79.
12.3	42.0	3946.6	607.0	-18.8	-20.3	266.6	14.6	14.6	0.9	293.5	297.2	1.3	88.3	10.1	79.
12.6	43.0	4057.8	598.0	-19.8	-21.3	266.6	14.5	14.5	0.8	293.6	297.1	1.2	87.3	10.4	79.
12.9	44.0	4157.6	590.0	-20.7	-22.3	265.8	14.5	14.5	1.1	293.7	296.9	1.1	86.9	10.6	80.
13.3	45.0	4271.3	581.0	-21.2	-23.1	264.1	14.9	14.8	1.5	294.3	297.4	1.0	85.1	10.9	80.
13.7	46.0	4373.5	573.0	-21.9	-23.8	262.6	15.4	15.2	2.0	294.7	297.6	1.0	84.4	11.3	80.
13.9	47.0	4489.8	564.0	-22.8	-24.8	262.0	15.6	15.4	2.2	294.9	297.7	0.9	83.5	11.5	80.
14.2	48.0	4594.4	556.0	-23.8	-25.7	262.0	15.6	15.5	2.2	295.0	297.6	0.8	83.7	11.8	80.
14.7	49.0	4700.1	548.0	-24.8	-26.6	263.0	15.3	15.2	1.9	295.0	297.4	0.8	85.0	12.3	80.
14.9	50.0	4807.0	540.0	-25.6	-27.4	263.6	15.1	15.0	1.7	295.3	297.5	0.7	85.0	12.5	80.
15.3	51.0	4942.3	530.0	-26.4	-28.2	264.9	14.8	14.7	1.3	295.9	298.0	0.7	85.0	12.8	80.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPFD MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
2315 GMT

133 74. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.7	52.0	5052.0	522.0	-27.5	-29.1	266.2	14.8	14.8	1.0	295.9	297.9	0.7	86.0	13.2	80.
16.0	53.0	5177.0	513.0	-28.3	-30.1	267.1	15.0	15.0	0.8	296.4	298.3	0.6	84.5	13.4	80.
16.3	54.0	5275.4	506.0	-29.1	-30.9	267.8	15.3	15.3	0.6	296.6	298.4	0.6	84.1	13.7	81.
16.7	55.0	5389.1	498.0	-30.2	-32.2	269.0	15.6	15.6	0.3	296.6	298.2	0.5	81.8	14.1	81.
17.0	56.0	5518.7	489.0	-31.1	-33.4	270.0	15.7	15.7	0.0	297.0	298.5	0.5	79.7	14.4	81.
17.4	57.0	5635.5	481.0	-31.9	-35.2	271.3	15.8	15.8	-0.4	297.4	298.7	0.4	72.0	14.7	81.
17.7	58.0	5738.9	474.0	-33.0	-36.6	271.5	15.9	15.9	-0.4	297.4	298.5	0.3	69.3	15.0	81.
18.0	59.0	5843.5	467.0	-33.5	-37.6	271.5	15.9	15.9	-0.4	298.0	299.0	0.3	66.4	15.3	82.
18.3	60.0	5964.6	459.0	-34.4	-38.5	270.6	15.6	15.6	-0.2	298.3	299.2	0.3	66.1	15.6	82.
18.7	61.0	6071.8	452.0	-35.5	-39.6	269.0	15.3	15.3	0.3	298.2	299.1	0.3	65.7	16.0	82.
19.0	62.0	6180.2	445.0	-36.5	-40.5	267.6	15.2	15.2	0.6	298.3	299.2	0.2	65.9	16.2	82.
19.3	63.0	6289.9	438.0	-37.5	-41.3	266.1	15.6	15.5	1.1	298.3	299.1	0.2	67.3	16.4	82.
19.7	64.0	6400.9	431.0	-38.5	-41.5	264.4	16.1	16.0	1.6	298.5	299.2	0.2	73.2	16.8	82.
19.9	65.0	6513.2	424.0	-39.5	-42.9	263.8	16.3	16.2	1.8	298.7	299.3	0.2	69.2	17.1	82.
20.4	66.0	6659.7	415.0	-40.8	99.9	263.2	16.7	16.6	2.0	298.8	999.9	99.9	999.9	17.5	82.
20.7	67.0	6775.1	408.0	-42.0	99.9	263.2	17.0	16.9	2.0	298.8	999.9	99.9	999.9	17.8	82.
21.0	68.0	6875.3	402.0	-42.8	99.9	263.3	17.4	17.3	2.0	298.9	999.9	99.9	999.9	18.1	82.
21.3	69.0	6993.5	395.0	-43.9	99.9	263.1	17.9	17.8	2.2	299.0	999.9	99.9	999.9	18.5	82.
21.7	70.0	7113.3	388.0	-45.1	99.9	261.8	18.5	18.3	2.6	299.0	999.9	99.9	999.9	18.9	82.
22.0	71.0	7252.1	380.0	-46.1	99.9	260.0	18.9	18.6	3.3	299.4	999.9	99.9	999.9	19.3	82.
22.3	72.0	7357.8	374.0	-47.0	99.9	256.2	19.9	19.3	4.7	299.6	999.9	99.9	999.9	19.6	82.
22.7	73.0	7464.9	368.0	-47.0	99.9	251.2	22.0	20.8	7.1	301.0	999.9	99.9	999.9	20.0	82.
23.1	74.0	7592.0	361.0	-47.4	99.9	246.9	25.2	23.2	9.9	302.1	999.9	99.9	999.9	20.6	82.
23.3	75.0	7702.7	355.0	-47.9	99.9	245.4	27.2	24.7	11.3	302.9	999.9	99.9	999.9	20.9	82.
23.8	76.0	7815.4	349.0	-47.0	99.9	243.3	32.6	29.1	14.6	305.6	999.9	99.9	999.9	21.7	81.
24.1	77.0	7930.3	343.0	-46.7	99.9	243.1	35.7	31.8	16.2	307.5	999.9	99.9	999.9	22.3	80.
24.5	78.0	8047.5	337.0	-46.3	99.9	243.5	39.4	35.2	17.5	309.7	999.9	99.9	999.9	23.1	80.
24.8	79.0	8167.1	331.0	-45.7	99.9	243.8	40.8	36.6	18.0	312.1	999.9	99.9	999.9	23.9	79.
25.1	80.0	8288.9	325.0	-45.8	99.9	243.8	41.8	37.5	18.5	313.5	999.9	99.9	999.9	24.7	79.
25.7	81.0	8433.9	318.0	-45.7	99.9	241.6	40.7	35.8	19.4	315.7	999.9	99.9	999.9	26.1	78.
26.0	82.0	8560.9	312.0	-45.7	99.9	239.8	39.5	34.1	19.9	317.4	999.9	99.9	999.9	27.0	77.
26.5	83.0	8668.5	307.0	-45.8	99.9	238.5	40.8	34.8	21.3	318.7	999.9	99.9	999.9	28.0	77.
26.8	84.0	8799.7	301.0	-46.5	99.9	239.9	45.7	39.5	22.9	319.5	999.9	99.9	999.9	28.3	76.
27.1	85.0	8933.3	295.0	-46.7	99.9	241.1	50.2	44.0	24.3	321.1	999.9	99.9	999.9	29.0	76.
27.6	86.0	9069.6	289.0	-46.5	99.9	242.5	55.1	48.9	25.5	323.2	999.9	99.9	999.9	31.3	75.
27.9	87.0	9208.8	283.0	-46.8	99.9	242.5	54.0	47.8	25.0	324.7	999.9	99.9	999.9	32.2	75.
28.3	88.0	9326.9	278.0	-46.8	99.9	242.0	50.7	44.8	23.8	326.4	999.9	99.9	999.9	33.4	74.
28.7	89.0	9447.0	273.0	-47.9	99.9	241.5	48.4	42.5	23.1	326.6	999.9	99.9	999.9	34.5	74.
29.1	90.0	9568.8	268.0	-48.5	99.9	241.4	48.0	42.2	23.0	327.4	999.9	99.9	999.9	35.5	73.
29.5	91.0	9692.7	263.0	-48.6	99.9	241.6	49.2	43.3	23.4	329.0	999.9	99.9	999.9	36.6	73.
29.9	92.0	9818.7	258.0	-49.2	99.9	241.4	50.0	43.9	23.9	329.9	999.9	99.9	999.9	38.0	73.
30.3	93.0	9973.0	252.0	-49.4	99.9	240.7	50.2	43.8	24.6	331.9	999.9	99.9	999.9	39.0	72.
30.7	94.0	10077.8	248.0	-49.7	99.9	239.9	50.5	43.7	25.3	333.0	999.9	99.9	999.9	40.2	72.
31.0	95.0	10211.2	243.0	-49.5	99.9	239.4	50.7	43.7	25.8	335.1	999.9	99.9	999.9	41.2	72.
31.5	96.0	10375.0	237.0	-49.2	99.9	239.8	51.3	44.3	25.8	338.0	999.9	99.9	999.9	42.5	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

6 FEBRUARY 1975  
2315 GMT

133 74. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
31.9	97.0	10514.6	232.0	-50.1	99.9	240.4	50.7	44.1	25.1	338.7	999.9	99.9	999.9	43.9	71.
32.3	98.0	10656.8	227.0	-50.6	99.9	240.8	49.1	42.9	24.0	340.1	999.9	99.9	999.9	45.1	71.
32.7	99.0	10772.4	223.0	-51.5	99.9	241.1	47.5	41.5	23.0	340.4	999.9	99.9	999.9	46.2	70.
33.1	100.0	10919.3	218.0	-52.5	99.9	241.4	47.0	41.3	22.5	341.2	999.9	99.9	999.9	47.3	70.
33.6	101.0	11069.1	213.0	-53.0	99.9	242.5	49.8	44.2	23.0	342.7	999.9	99.9	999.9	48.5	70.
34.0	102.0	11222.3	208.0	-52.8	99.9	243.6	52.9	47.4	23.6	345.3	999.9	99.9	999.9	49.8	70.
34.4	103.0	11347.6	204.0	-53.1	99.9	244.4	52.9	47.7	22.8	346.7	999.9	99.9	999.9	51.4	70.
34.8	104.0	11507.5	199.0	-53.1	99.9	245.0	51.5	46.7	21.8	349.2	999.9	99.9	999.9	52.5	69.
35.3	105.0	11638.4	195.0	-53.1	99.9	245.4	49.9	45.4	20.7	351.2	999.9	99.9	999.9	53.9	69.
35.8	106.0	11772.0	191.0	-52.8	99.9	245.5	48.5	44.1	20.1	353.8	999.9	99.9	999.9	55.5	69.
36.2	107.0	11908.6	187.0	-53.0	99.9	245.6	47.1	42.9	19.5	355.7	999.9	99.9	999.9	56.6	69.
36.7	108.0	12048.0	183.0	-53.0	99.9	246.2	45.4	41.5	18.3	357.9	999.9	99.9	999.9	58.0	69.
37.0	109.0	12190.5	179.0	-53.3	99.9	246.9	44.7	41.2	17.6	359.6	999.9	99.9	999.9	58.8	69.
37.5	110.0	12336.1	175.0	-53.0	99.9	248.4	44.8	41.7	16.5	362.5	999.9	99.9	999.9	60.0	69.
38.0	111.0	12523.1	170.0	-53.0	99.9	249.8	44.8	42.1	15.5	365.5	999.9	99.9	999.9	61.5	69.
38.5	112.0	12676.6	166.0	-53.1	99.9	251.0	44.1	41.7	14.4	367.7	999.9	99.9	999.9	62.8	69.
39.0	113.0	12833.7	162.0	-53.3	99.9	250.4	43.7	41.2	13.6	370.0	999.9	99.9	999.9	64.1	69.
39.5	114.0	12954.1	159.0	-53.1	99.9	247.1	44.9	41.4	17.4	372.3	999.9	99.9	999.9	65.3	69.
40.0	115.0	13118.2	155.0	-53.4	99.9	243.3	46.4	41.4	20.8	374.5	999.9	99.9	999.9	66.8	69.
40.6	116.0	13328.8	150.0	-54.4	99.9	239.7	44.5	38.4	22.5	376.3	999.9	99.9	999.9	68.5	69.
41.1	117.0	13458.1	147.0	-54.9	99.9	238.1	42.8	36.4	22.6	377.7	999.9	99.9	999.9	69.8	69.
41.6	118.0	13634.2	143.0	-55.6	99.9	239.8	44.7	38.6	22.5	379.5	999.9	99.9	999.9	70.8	68.
42.0	119.0	13769.2	140.0	-55.9	99.9	242.4	47.8	42.3	22.1	381.2	999.9	99.9	999.9	72.0	68.
42.5	120.0	13953.3	136.0	-56.6	99.9	244.4	47.4	42.7	20.5	383.2	999.9	99.9	999.9	73.6	68.
43.0	121.0	14094.7	133.0	-57.1	99.9	244.2	41.5	37.3	18.0	384.7	999.9	99.9	999.9	75.1	68.
43.5	122.0	14287.8	129.0	-57.3	99.9	243.6	37.3*	33.4	16.6	387.8	999.9	99.9	999.9	76.1	68.
44.0	123.0	14436.5	126.0	-57.6	99.9	245.6	41.5*	37.8	17.2	389.8	999.9	99.9	999.9	76.9	68.
44.6	124.0	14588.8	123.0	-57.1	99.9	249.6	49.5*	46.4	17.3	393.4	999.9	99.9	999.9	78.7	68.
45.0	125.0	14798.2	119.0	-56.8	99.9	252.2	49.9*	47.5	15.3	397.8	999.9	99.9	999.9	80.3	68.
45.8	126.0	15015.3	115.0	-56.1	99.9	254.6	38.3*	36.9	10.2	403.0	999.9	99.9	999.9	82.3	68.
46.3	127.0	15183.3	112.0	-56.2	99.9	254.9	36.3*	35.0	9.4	405.7	999.9	99.9	999.9	83.1	68.
46.9	128.0	15355.9	109.0	-56.1	99.9	256.5	38.9*	37.8	9.1	409.2	999.9	99.9	999.9	84.7	68.
47.6	129.0	15533.4	106.0	-55.7	99.9	257.5	40.7*	39.8	8.9	413.1	999.9	99.9	999.9	86.0	69.
48.1	130.0	15716.4	103.0	-55.4	99.9	256.7	38.8*	37.8	9.0	417.1	999.9	99.9	999.9	87.7	69.
48.9	131.0	15969.3	99.0	-54.9	99.9	252.6	34.3*	32.7	10.3	422.9	999.9	99.9	999.9	89.1	69.
49.3	132.0	16165.7	96.0	-55.7	99.9	249.5	34.8*	32.6	12.2	425.0	999.9	99.9	999.9	90.0	69.
50.0	133.0	16367.4	93.0	-56.6	99.9	247.6	37.9*	35.1	14.5	427.2	999.9	99.9	999.9	91.2	69.
50.7	134.0	16575.0	90.0	-57.4	99.9	248.9	35.5*	33.1	12.8	429.5	999.9	99.9	999.9	93.2	69.
51.2	135.0	16716.8	88.0	-58.1	99.9	248.8	32.2*	30.0	11.6	430.9	999.9	99.9	999.9	94.1	69.
52.0	136.0	17009.8	84.0	-58.1	99.9	254.2	30.0*	28.8	8.2	436.7	999.9	99.9	999.9	95.6	69.
52.8	137.0	17239.0	81.0	-57.8	99.9	999.9	99.9	99.9	99.9	441.9	999.9	99.9	999.9	999.9	999.
53.7	138.0	17477.8	78.0	-56.6	99.9	999.9	99.9	99.9	99.9	449.2	999.9	99.9	999.9	999.9	999.
54.3	139.0	17811.5	74.0	-56.9	99.9	999.9	99.9	99.9	99.9	455.3	999.9	99.9	999.9	999.9	999.

STATION NO. 425  
HUNTINGTON, WVA

7 FEBRUARY 1975  
515 GMT

136 61. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	246.0	984.8	-1.7	-5.0	280.0	5.1	5.0	-0.9	273.0	279.9	2.7	78.0	0.0	0.
0.3	8.0	333.6	974.0	-2.8	-5.8	275.3	9.9	9.9	-0.9	272.7	279.3	2.6	80.1	0.2	108.
0.6	9.0	431.8	962.0	-3.4	-6.0	275.0	9.9	9.9	-0.9	273.0	279.6	2.5	82.4	0.3	105.
0.9	10.0	522.6	951.0	-4.5	-6.5	274.1	9.9	9.9	-0.7	272.9	279.3	2.5	86.1	0.4	101.
1.2	11.0	630.9	938.0	-5.4	-6.0	271.5	9.7	9.7	-0.3	273.0	279.7	2.6	95.3	0.6	99.
1.5	12.0	731.9	926.0	-6.3	-6.7	267.8	9.4	9.4	0.4	273.1	279.6	2.5	96.6	0.8	97.
1.8	13.0	825.3	915.0	-7.0	-7.1	264.8	9.2	9.2	0.8	273.3	279.7	2.5	99.8	0.9	95.
2.1	14.0	919.6	904.0	-7.6	-7.6	262.3	9.3	9.2	1.2	273.6	279.8	2.4	100.8	1.1	93.
2.4	15.0	1006.2	894.0	-7.9	-7.9	261.1	9.8	9.6	1.5	274.2	280.3	2.4	101.0	1.3	92.
2.7	16.0	1128.8	880.0	-8.9	-8.9	259.4	10.0	9.8	1.8	274.3	280.1	2.2	100.9	1.5	90.
3.1	17.0	1226.2	869.0	-9.5	-9.5	258.3	10.1	9.9	2.1	274.7	280.3	2.1	101.1	1.7	89.
3.4	18.0	1324.6	858.0	-9.8	-9.8	257.5	10.5	10.3	2.3	275.4	281.0	2.1	101.3	1.9	88.
3.7	19.0	1415.1	848.0	-9.9	-9.9	258.1	10.6	10.3	2.2	276.2	281.8	2.1	101.3	2.1	87.
3.9	20.0	1515.7	837.0	-10.9	-10.9	258.9	10.5	10.3	2.0	276.1	281.4	2.0	101.5	2.2	86.
4.2	21.0	1626.8	825.0	-10.9	-10.9	265.5	10.0	10.0	0.8	277.3	282.7	2.0	101.8	2.4	86.
4.6	22.0	1729.8	814.0	-12.1	-12.1	277.7	9.7	9.6	-1.3	277.1	282.1	1.9	101.3	2.6	86.
4.9	23.0	1824.6	804.0	-10.9	-11.1	283.8	10.0	9.8	-2.4	279.3	284.8	2.0	98.7	2.8	87.
5.2	24.0	1930.5	793.0	-11.1	-11.4	286.0	10.8	10.4	-3.0	280.3	285.8	2.0	97.8	2.9	88.
5.6	25.0	2028.0	783.0	-11.7	-12.0	286.4	12.1	11.6	-3.4	280.7	286.0	1.9	97.2	3.2	90.
5.9	26.0	2146.3	771.0	-12.1	-12.5	286.0	13.2	12.6	-3.6	281.5	286.6	1.9	96.5	3.4	91.
6.3	27.0	2246.2	761.0	-12.4	-12.8	285.1	13.4	13.0	-3.5	282.2	287.4	1.9	96.5	3.7	92.
6.6	28.0	2347.3	751.0	-12.8	-13.4	284.3	13.3	12.9	-3.3	282.8	287.8	1.8	95.4	4.0	93.
6.9	29.0	2449.4	741.0	-13.6	-15.4	283.7	13.3	12.9	-3.1	282.9	287.3	1.6	86.7	4.2	94.
7.3	30.0	2552.7	731.0	-14.3	-16.4	282.9	13.3	13.0	-3.0	283.3	287.3	1.4	83.9	4.5	94.
7.6	31.0	2657.1	721.0	-14.9	-17.3	282.4	13.5	13.2	-2.9	283.8	287.6	1.4	81.6	4.8	95.
7.9	32.0	2752.1	712.0	-15.6	-18.2	282.2	13.9	13.6	-2.9	284.0	287.6	1.3	80.4	5.0	95.
8.2	33.0	2858.8	702.0	-15.8	-18.4	282.0	14.6	14.3	-3.0	284.8	288.5	1.3	80.3	5.2	95.
8.6	34.0	2967.1	692.0	-15.4	-17.8	281.7	15.8	15.4	-3.2	286.5	290.4	1.4	82.0	5.6	96.
8.8	35.0	3066.1	683.0	-15.2	-18.2	281.5	16.4	16.0	-3.3	287.9	291.7	1.3	77.4	5.8	96.
9.2	36.0	3200.0	671.0	-15.6	-18.9	280.8	17.4	17.1	-3.3	288.9	292.6	1.3	75.5	6.2	96.
9.5	37.0	3301.9	662.0	-16.1	-20.4	280.1	18.1	17.8	-3.2	289.3	292.7	1.1	69.2	6.5	97.
9.7	38.0	3404.9	653.0	-16.7	-21.3	279.3	18.3	18.1	-3.0	289.8	293.0	1.1	66.9	6.7	97.
10.0	39.0	3509.1	644.0	-17.4	-23.9	278.1	18.7	18.5	-2.6	290.2	292.7	0.9	56.2	7.1	97.
10.3	40.0	3614.4	635.0	-18.2	-25.0	276.8	18.8	18.7	-2.2	290.4	292.8	0.8	54.9	7.4	97.
10.7	41.0	3744.7	624.0	-19.1	-26.3	275.3	18.9	18.8	-1.8	290.8	292.9	0.7	52.7	7.9	97.
10.9	42.0	3852.7	615.0	-19.9	-27.7	274.6	18.9	18.8	-1.5	291.0	293.0	0.6	49.9	8.1	97.
11.2	43.0	3961.9	606.0	-20.6	-28.3	273.8	18.9	18.9	-1.3	291.5	293.3	0.6	50.0	8.5	97.
11.6	44.0	4072.5	597.0	-21.4	-29.2	272.9	19.1	19.1	-1.0	291.8	293.5	0.6	49.1	8.9	96.
11.9	45.0	4171.8	589.0	-22.5	-30.1	272.4	19.2	19.2	-0.8	291.7	293.3	0.5	49.4	9.2	96.
12.1	46.0	4284.7	580.0	-23.3	-30.7	272.0	19.3	19.3	-0.7	292.0	293.6	0.5	50.1	9.5	96.
12.4	47.0	4398.9	571.0	-24.4	-31.8	271.5	19.3	19.3	-0.5	292.0	293.5	0.5	49.9	9.9	96.
12.8	48.0	4501.6	563.0	-25.2	-32.5	270.6	19.4	19.4	-0.2	292.3	293.7	0.4	50.2	10.3	96.
13.1	49.0	4605.4	555.0	-26.0	-33.0	269.7	19.6	19.6	0.1	292.5	293.9	0.4	51.0	10.6	96.
13.3	50.0	4723.6	546.0	-27.0	-34.1	269.0	19.8	19.8	0.3	292.6	293.8	0.4	50.8	10.9	96.
13.7	51.0	4856.6	536.0	-28.1	-35.1	267.4	20.2	20.2	0.9	292.9	294.0	0.4	50.6	11.4	95.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN C AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

7 FEBRUARY 1975  
515 GMT

136 61. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.0	52.0	4964.3	528.0	-29.0	-36.0	266.1	20.5	20.4	1.4	293.0	294.1	0.3	50.8	11.7	95.
14.3	53.0	5073.4	520.0	-29.7	-36.7	265.1	20.6	20.5	1.8	293.5	294.5	0.3	50.3	12.1	95.
14.6	54.0	5183.7	512.0	-30.6	-37.4	264.5	20.6	20.5	2.0	293.7	294.6	0.3	50.9	12.5	94.
14.9	55.0	5295.5	504.0	-31.3	-38.3	264.5	20.5	20.4	2.0	294.2	295.1	0.3	49.8	12.8	94.
15.2	56.0	5437.1	494.0	-32.5	-39.7	264.9	20.3	20.2	1.8	294.4	295.2	0.2	48.4	13.2	94.
15.6	57.0	5551.9	486.0	-33.6	-40.5	265.4	19.9	19.9	1.6	294.5	295.2	0.2	49.1	13.7	93.
15.9	58.0	5653.5	479.0	-34.5	-41.5	265.4	19.7	19.7	1.6	294.5	295.2	0.2	48.5	14.0	93.
16.2	59.0	5771.0	471.0	-35.7	-42.5	265.6	19.6	19.6	1.5	294.4	295.0	0.2	49.6	14.4	93.
16.5	60.0	5889.9	463.0	-36.6	-43.4	265.8	19.6	19.6	1.5	294.8	295.4	0.2	48.5	14.7	93.
16.8	61.0	5995.2	456.0	-37.8	-44.8	266.8	19.7	19.7	1.1	294.6	295.1	0.1	47.3	15.0	93.
17.1	62.0	6117.0	448.0	-38.6	99.9	267.8	19.9	19.8	0.8	295.1	999.9	99.9	999.9	15.4	93.
17.3	63.0	6224.9	441.0	-39.7	99.9	268.3	20.0	20.0	0.6	295.0	999.9	99.9	999.9	15.7	92.
17.7	64.0	6349.9	433.0	-40.7	99.9	268.0	20.4	20.4	0.7	295.3	999.9	99.9	999.9	16.1	92.
18.0	65.0	6460.6	426.0	-41.4	99.9	266.9	20.8	20.8	1.1	295.8	999.9	99.9	999.9	16.4	93.
18.3	66.0	6605.2	417.0	-42.5	99.9	264.9	21.3	21.2	1.9	296.2	999.9	99.9	999.9	16.9	92.
18.7	67.0	6719.4	410.0	-43.4	99.9	263.4	21.8	21.7	2.5	296.5	999.9	99.9	999.9	17.4	92.
19.0	68.0	6818.4	404.0	-44.1	99.9	262.9	22.2	22.0	2.8	296.8	999.9	99.9	999.9	17.8	92.
19.3	69.0	6935.4	397.0	-45.0	99.9	263.7	22.4	22.3	2.5	297.2	999.9	99.9	999.9	18.2	91.
19.7	70.0	7054.1	390.0	-45.9	99.9	264.5	22.8	22.7	2.2	297.5	999.9	99.9	999.9	18.7	91.
20.0	71.0	7209.3	381.0	-46.5	99.9	265.0	23.1	23.0	2.0	298.7	999.9	99.9	999.9	19.1	91.
20.3	72.0	7314.8	375.0	-46.3	99.9	264.8	23.9	23.8	2.2	300.3	999.9	99.9	999.9	19.5	91.
20.7	73.0	7440.2	368.0	-45.6	99.9	264.2	25.4	25.3	2.6	302.9	999.9	99.9	999.9	20.1	91.
21.0	74.0	7549.8	362.0	-45.4	99.9	263.4	26.9	26.7	3.1	304.5	999.9	99.9	999.9	20.5	91.
21.2	75.0	7680.1	355.0	-45.3	99.9	261.9	27.8	27.5	3.9	306.4	999.9	99.9	999.9	20.9	91.
21.5	76.0	7793.9	349.0	-45.0	99.9	259.8	29.1	28.7	5.2	308.3	999.9	99.9	999.9	21.4	91.
21.8	77.0	7929.2	342.0	-45.4	99.9	256.9	30.3	29.5	6.9	309.5	999.9	99.9	999.9	22.0	90.
22.2	78.0	8047.2	336.0	-45.4	99.9	253.8	32.2	30.9	9.0	311.1	999.9	99.9	999.9	22.6	90.
22.5	79.0	8167.4	330.0	-45.6	99.9	252.0	33.8	32.1	10.4	312.5	999.9	99.9	999.9	23.1	89.
22.8	80.0	8289.7	324.0	-45.7	99.9	251.3	35.5	33.6	11.4	313.9	999.9	99.9	999.9	23.8	89.
23.2	81.0	8456.1	316.0	-46.0	99.9	250.3	37.4	35.2	12.6	315.8	999.9	99.9	999.9	24.7	88.
23.5	82.0	8583.4	310.0	-46.8	99.9	249.6	38.6	36.1	13.5	316.5	999.9	99.9	999.9	25.3	88.
23.7	83.0	8691.0	305.0	-47.7	99.9	248.7	39.1	36.4	14.2	316.7	999.9	99.9	999.9	25.8	87.
24.1	84.0	8822.2	299.0	-47.8	99.9	247.2	40.2	37.1	15.6	318.3	999.9	99.9	999.9	26.6	87.
24.3	85.0	8955.8	293.0	-48.4	99.9	246.7	40.8	37.4	16.2	319.3	999.9	99.9	999.9	27.1	86.
24.7	86.0	9114.9	286.0	-48.7	99.9	246.6	41.7	38.3	16.6	321.1	999.9	99.9	999.9	28.0	86.
25.1	87.0	9230.8	281.0	-48.9	99.9	247.9	42.2	39.1	15.8	322.5	999.9	99.9	999.9	28.9	85.
25.4	88.0	9372.5	275.0	-49.3	99.9	249.8	41.9	39.3	14.5	323.8	999.9	99.9	999.9	29.8	84.
25.7	89.0	9492.6	270.0	-49.8	99.9	251.2	40.9	38.7	13.2	324.8	999.9	99.9	999.9	30.5	84.
26.1	90.0	9639.8	264.0	-49.5	99.9	252.3	39.3	37.4	12.0	327.4	999.9	99.9	999.9	31.5	84.
26.4	91.0	9764.9	259.0	-49.9	99.9	251.7	38.4	36.4	12.0	328.5	999.9	99.9	999.9	32.1	84.
26.7	92.0	9892.5	254.0	-49.5	99.9	250.3	38.5	36.2	13.0	331.0	999.9	99.9	999.9	32.8	83.
27.1	93.0	10022.7	249.0	-49.8	99.9	248.0	39.7	36.8	14.9	332.4	999.9	99.9	999.9	33.6	83.
27.3	94.0	10182.1	243.0	-50.3	99.9	247.0	41.0	37.7	15.0	334.1	999.9	99.9	999.9	34.1	83.
27.6	95.0	10317.9	238.0	-50.1	99.9	246.1	42.7	39.0	17.3	336.3	999.9	99.9	999.9	34.8	82.
28.0	96.0	10484.7	232.0	-49.9	99.9	245.9	44.5	40.6	18.2	339.0	999.9	99.9	999.9	35.8	82.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 425  
HUNTINGTON, WVA

7 FEBRUARY 1975  
515 GMT

136 61. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
28.3	97.0	10627.2	227.0	-49.9	99.9	246.4	44.2	40.5	17.7	341.1	999.9	99.9	999.9	36.7	81.
28.6	98.0	10772.9	222.0	-49.5	99.9	246.8	43.9	40.3	17.3	344.0	999.9	99.9	999.9	37.5	81.
29.0	99.0	10892.1	218.0	-49.2	99.9	247.3	43.4	40.0	16.7	346.3	999.9	99.9	999.9	38.4	81.
29.3	100.0	11044.2	213.0	-49.6	99.9	247.6	44.9	41.5	17.1	347.9	999.9	99.9	999.9	39.1	81.
29.7	101.0	11230.8	207.0	-50.7	99.9	248.0	47.1	43.6	17.7	349.0	999.9	99.9	999.9	40.2	80.
30.1	102.0	11357.8	203.0	-51.2	99.9	248.3	48.6	45.1	18.0	350.2	999.9	99.9	999.9	41.4	80.
30.4	103.0	11520.1	198.0	-50.7	99.9	248.4	48.0	44.7	17.6	353.5	999.9	99.9	999.9	42.4	80.
30.8	104.0	11653.4	194.0	-49.8	99.9	248.8	46.3	43.1	16.8	357.0	999.9	99.9	999.9	43.4	79.
31.1	105.0	11824.3	189.0	-49.6	99.9	249.3	44.9	42.0	15.9	360.0	999.9	99.9	999.9	44.2	79.
31.5	106.0	11964.1	185.0	-50.3	99.9	250.5	43.5	41.0	14.5	361.2	999.9	99.9	999.9	45.2	79.
31.9	107.0	12106.7	181.0	-50.7	99.9	251.6	42.1	39.9	13.3	362.7	999.9	99.9	999.9	46.3	79.
32.3	108.0	12252.3	177.0	-50.7	99.9	251.0	40.7	38.5	13.2	365.0	999.9	99.9	999.9	47.3	79.
32.6	109.0	12401.1	173.0	-51.2	99.9	249.7	39.9	37.4	13.9	366.6	999.9	99.9	999.9	48.0	79.
33.0	110.0	12552.7	169.0	-52.6	99.9	246.6	39.5	36.2	15.7	366.7	999.9	99.9	999.9	48.9	78.
33.4	111.0	12746.1	164.0	-53.9	99.9	245.1	39.3	35.7	16.5	367.7	999.9	99.9	999.9	49.9	78.
33.9	112.0	12904.5	160.0	-54.4	99.9	245.7	39.2	35.7	16.1	369.4	999.9	99.9	999.9	50.9	78.
34.3	113.0	13066.7	156.0	-54.4	99.9	247.1	39.6	36.5	15.4	372.1	999.9	99.9	999.9	51.9	78.
34.7	114.0	13233.2	152.0	-54.3	99.9	249.2	41.1	38.4	14.6	375.2	999.9	99.9	999.9	52.8	77.
35.1	115.0	13404.2	148.0	-54.3	99.9	251.6	43.6	41.3	13.8	378.1	999.9	99.9	999.9	53.8	77.
35.7	116.0	13579.8	144.0	-54.3	99.9	253.9	46.2	44.4	12.8	381.0	999.9	99.9	999.9	55.4	77.
35.9	117.0	13760.4	140.0	-54.4	99.9	253.9	45.9	44.1	12.7	383.8	999.9	99.9	999.9	56.2	77.
36.2	118.0	13899.0	137.0	-55.1	99.9	253.1	43.3	41.4	12.6	385.0	999.9	99.9	999.9	57.1	77.
36.5	119.0	14088.2	133.0	-55.3	99.9	251.7	39.7	37.7	12.5	388.0	999.9	99.9	999.9	57.8	77.
37.1	120.0	14233.8	130.0	-55.3	99.9	251.2	35.0	33.1	11.3	390.6	999.9	99.9	999.9	58.9	77.
37.4	121.0	14382.7	127.0	-55.4	99.9	252.5	34.7	33.1	10.4	392.9	999.9	99.9	999.9	59.5	77.
37.7	122.0	14586.6	123.0	-55.9	99.9	253.6	34.7	33.3	9.8	395.6	999.9	99.9	999.9	60.1	77.
38.1	123.0	14743.5	120.0	-56.4	99.9	254.6	34.6	33.3	9.2	397.4	999.9	99.9	999.9	61.0	77.
38.5	124.0	14904.1	117.0	-56.8	99.9	254.4	33.5	32.3	9.0	399.7	999.9	99.9	999.9	62.0	77.
39.1	125.0	15068.7	114.0	-57.0	99.9	254.5	34.5	33.2	9.2	402.3	999.9	99.9	999.9	62.8	77.
39.7	126.0	15294.8	110.0	-57.1	99.9	256.6	36.9	35.9	8.6	406.1	999.9	99.9	999.9	64.3	77.
40.3	127.0	15469.6	107.0	-57.5	99.9	259.6	35.0	34.4	5.3	408.7	999.9	99.9	999.9	65.8	77.
40.7	128.0	15649.3	104.0	-57.5	99.9	262.0	32.2	31.9	4.5	412.0	999.9	99.9	999.9	66.6	77.
41.3	129.0	15834.0	101.0	-58.0	99.9	264.7	31.1	30.9	2.8	414.5	999.9	99.9	999.9	67.5	77.
41.7	130.0	16023.7	98.0	-58.5	99.9	264.7	33.8	33.7	3.1	417.1	999.9	99.9	999.9	68.2	77.
42.4	131.0	16285.6	94.0	-58.7	99.9	263.2	38.7	38.5	4.6	421.7	999.9	99.9	999.9	69.8	77.
42.8	132.0	16489.2	91.0	-59.1	99.9	262.9	36.2	35.9	4.5	424.9	999.9	99.9	999.9	71.0	77.
43.5	133.0	16699.3	88.0	-59.3	99.9	261.1	29.2	28.8	4.5	428.7	999.9	99.9	999.9	72.2	77.
44.1	134.0	16843.4	86.0	-59.1	99.9	256.4	30.2	29.3	7.1	431.8	999.9	99.9	999.9	73.0	77.
44.6	135.0	17066.0	83.0	-59.3	99.9	252.9	31.0	29.6	9.1	435.9	999.9	99.9	999.9	74.3	77.
45.3	136.0	17296.6	80.0	-59.3	99.9	249.5	28.8	27.0	10.1	440.5	999.9	99.9	999.9	75.3	77.
45.9	137.0	17535.5	77.0	-60.3	99.9	250.3	28.6	26.9	9.6	443.1	999.9	99.9	999.9	76.3	77.
46.7	138.0	17868.7	73.0	-59.4	99.9	253.3	31.1	29.8	9.0	451.8	999.9	99.9	999.9	77.7	77.
47.5	139.0	18131.5	70.0	-59.3	99.9	252.9	31.1	29.8	9.2	457.6	999.9	99.9	999.9	79.5	77.
48.3	140.0	18406.0	67.0	-59.3	99.9	251.2	24.0	22.7	7.7	463.4	999.9	99.9	999.9	80.7	77.
49.2	141.0	18693.5	64.0	-58.5	99.9	999.9	99.9	99.9	99.9	471.1	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

7 FEBRUARY 1975  
515 GMT

136 61. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
50.0	142.0	18995.3	61.0	-58.5	99.9	999.9	99.9	99.9	99.9	477.6	999.9	99.9	999.9	999.9	999.

STATION NO. 425  
HUNTINGTON, WVA

7 FEBRUARY 1975  
1115 GMT

154 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	246.0	987.8	-5.0	-10.0	290.0	6.2	5.8	-2.1	269.3	274.0	1.8	68.0	0.0	0.
0.4	7.0	292.2	982.0	-5.9	-13.0	272.6	8.8	8.8	-0.4	268.8	272.6	1.4	57.3	0.1	106.
0.7	8.0	396.4	969.0	-7.0	-13.1	271.0	8.5	8.5	-0.2	268.8	272.5	1.4	61.6	0.2	100.
1.0	9.0	485.4	958.0	-7.9	-13.1	268.4	8.1	8.1	0.2	268.7	272.6	1.4	65.7	0.4	97.
1.3	10.0	575.0	947.0	-8.7	-12.9	268.7	7.8	7.8	0.2	268.8	272.7	1.5	71.8	0.5	94.
1.7	11.0	690.2	933.0	-10.0	-13.0	273.7	7.7	7.7	-0.5	268.6	272.5	1.5	78.6	0.7	92.
1.9	12.0	789.9	921.0	-11.0	-13.0	278.1	8.0	7.9	-1.1	268.5	272.5	1.5	85.6	0.8	93.
2.3	13.0	882.1	910.0	-11.8	-12.6	283.5	8.1	7.9	-1.9	268.7	272.9	1.6	93.1	1.0	95.
2.6	14.0	975.1	899.0	-13.0	-13.4	285.8	8.4	8.1	-2.3	268.4	272.3	1.5	97.0	1.1	96.
3.0	15.0	1077.3	887.0	-14.0	-14.1	286.3	9.1	8.8	-2.6	268.4	272.1	1.4	98.8	1.3	98.
3.3	16.0	1198.1	873.0	-14.7	-14.7	285.3	9.2	8.9	-2.4	268.9	272.5	1.4	100.9	1.5	99.
3.7	17.0	1294.0	862.0	-15.5	-15.7	284.1	9.1	8.9	-2.2	269.0	272.4	1.3	98.6	1.7	99.
4.1	18.0	1391.2	851.0	-14.3	-16.7	283.2	8.8	8.5	-2.0	271.2	274.0	1.0	69.0	1.9	100.
4.4	19.0	1490.0	840.0	-13.9	-25.1	283.0	8.4	8.2	-1.9	272.6	274.3	0.6	37.7	2.1	100.
4.9	20.0	1580.9	830.0	-14.3	-25.7	282.4	8.7	8.5	-1.9	273.1	274.7	0.6	37.2	2.3	100.
5.3	21.0	1700.6	817.0	-14.3	-25.9	283.5	10.9	10.6	-2.6	274.3	276.0	0.6	36.5	2.6	100.
5.7	22.0	1803.4	806.0	-14.4	-24.9	285.0	12.8	12.4	-3.3	275.3	277.0	0.6	40.3	2.9	101.
6.1	23.0	1907.5	795.0	-14.7	-23.5	285.1	13.7	13.2	-3.6	276.1	278.1	0.7	46.7	3.2	101.
6.5	24.0	2003.4	785.0	-15.0	-23.7	280.7	14.0	13.8	-2.6	276.8	278.8	0.7	47.2	3.5	102.
6.8	25.0	2100.4	775.0	-14.6	-16.7	277.5	15.8	15.6	-2.0	278.3	281.4	1.1	70.6	3.8	101.
7.3	26.0	2228.7	762.0	-14.6	-15.0	273.5	17.0	17.0	-1.0	279.7	284.0	1.6	96.6	4.3	101.
7.7	27.0	2328.7	752.0	-15.2	-15.7	271.3	16.9	16.9	-0.4	280.0	284.1	1.5	96.3	4.7	100.
8.1	28.0	2429.8	742.0	-15.9	-16.3	270.5	16.4	16.4	-0.2	280.3	284.3	1.4	97.3	5.1	99.
8.5	29.0	2531.9	732.0	-16.9	-17.2	272.1	15.6	15.6	-0.6	280.3	284.1	1.3	97.4	5.5	98.
9.0	30.0	2635.2	722.0	-17.3	-17.5	276.6	15.3	15.2	-1.8	281.0	284.7	1.3	98.1	5.9	98.
9.3	31.0	2729.3	713.0	-17.2	-17.3	277.7	16.0	15.9	-2.1	282.1	286.0	1.4	98.6	6.2	98.
9.8	32.0	2835.2	703.0	-17.3	-17.6	277.2	17.7	17.6	-2.2	283.1	287.0	1.4	97.6	6.7	98.
10.2	33.0	2942.6	693.0	-17.4	-17.8	276.0	19.2	19.1	-2.0	284.1	288.0	1.4	96.8	7.1	98.
10.7	34.0	3040.5	684.0	-18.1	-23.7	275.6	20.4	20.3	-2.0	284.4	286.8	0.8	61.2	7.8	99.
11.0	35.0	3150.5	674.0	-18.4	-24.6	276.1	20.6	20.5	-2.2	285.2	287.5	0.8	57.8	8.2	98.
11.5	36.0	3273.3	663.0	-18.5	-25.5	277.1	20.8	20.7	-2.6	286.4	288.6	0.7	54.0	8.8	98.
11.9	37.0	3375.2	654.0	-18.9	-31.2	276.8	21.6	21.5	-2.6	287.1	288.4	0.4	32.8	9.2	98.
12.3	38.0	3478.3	645.0	-19.5	-32.1	276.4	22.2	22.1	-2.5	287.6	288.8	0.4	31.6	9.8	98.
12.7	39.0	3594.3	635.0	-20.0	-31.9	276.1	22.3	22.2	-2.4	288.3	289.5	0.4	33.6	10.4	97.
13.1	40.0	3688.1	627.0	-21.0	-32.7	276.1	21.8	21.7	-2.3	288.2	289.4	0.4	33.6	10.9	97.
13.7	41.0	3830.6	615.0	-21.9	-33.6	275.6	20.9	20.8	-2.0	288.7	289.9	0.4	33.6	11.7	97.
14.1	42.0	3926.9	607.0	-22.6	-31.0	274.7	20.7	20.6	-1.7	289.1	290.5	0.5	46.0	12.2	97.
14.6	43.0	4036.4	598.0	-23.2	-31.6	273.5	21.2	21.2	-1.3	289.5	290.9	0.4	45.8	12.7	97.
15.0	44.0	4147.4	589.0	-23.5	-32.8	273.0	22.2	22.1	-1.2	290.5	291.7	0.4	42.0	13.3	97.
15.4	45.0	4247.3	581.0	-23.9	-33.5	272.6	23.4	23.3	-1.1	291.1	292.3	0.4	40.3	13.8	97.
15.8	46.0	4361.1	572.0	-24.7	-34.5	272.2	24.1	24.1	-0.9	291.5	292.6	0.4	39.5	14.4	97.
16.1	47.0	4463.6	564.0	-25.0	-35.5	272.0	24.4	24.4	-0.8	292.3	293.4	0.3	36.7	14.9	96.
16.6	48.0	4580.4	555.0	-25.5	-36.2	271.5	23.9	23.9	-0.6	293.1	294.0	0.3	35.7	15.6	96.
17.0	49.0	4685.6	547.0	-26.2	-36.8	270.5	23.6	23.6	-0.2	293.5	294.4	0.3	35.7	16.1	96.
17.3	50.0	4792.1	539.0	-26.7	-38.0	269.4	24.0	24.0	0.2	294.1	294.9	0.3	33.1	16.5	96.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

7 FEBRUARY 1975  
1115 GMT

154 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.9	51.0	4927.1	529.0	-27.5	-39.6	267.8	25.0	25.0	1.0	294.7	295.4	0.2	30.1	17.4	96.
18.3	52.0	5036.5	521.0	-28.4	-40.4	267.5	25.6	25.6	1.1	294.9	295.6	0.2	30.5	18.0	95.
18.7	53.0	5147.3	513.0	-29.2	-40.8	267.7	26.1	26.1	1.0	295.2	295.9	0.2	31.4	18.6	95.
19.2	54.0	5259.3	505.0	-30.6	-40.5	268.8	26.8	26.8	0.6	294.9	295.6	0.2	36.7	19.4	95.
19.5	55.0	5358.3	498.0	-31.4	-39.9	269.7	27.3	27.3	0.2	295.1	295.9	0.2	42.2	19.9	95.
20.0	56.0	5501.7	488.0	-32.3	-40.2	270.7	27.8	27.8	-0.3	295.7	296.5	0.2	45.0	20.7	94.
20.5	57.0	5618.2	480.0	-33.1	-40.7	270.6	28.5	28.5	-0.3	296.1	296.8	0.2	46.1	21.5	94.
20.8	58.0	5721.3	473.0	-34.0	-41.3	270.2	29.1	29.1	-0.1	296.2	296.9	0.2	47.2	22.1	94.
21.3	59.0	5840.6	465.0	-34.8	-42.1	269.3	30.4	30.4	0.4	296.6	297.3	0.2	47.0	23.0	94.
21.7	60.0	5946.3	458.0	-35.6	-43.4	268.9	31.7	31.7	0.6	296.9	297.5	0.2	44.5	23.7	94.
22.1	61.0	6053.3	451.0	-36.3	-44.7	268.8	32.9	32.9	0.7	297.4	297.9	0.2	41.4	24.4	94.
22.6	62.0	6177.2	443.0	-37.1	-45.4	269.0	33.4	33.4	0.6	297.9	298.4	0.1	41.3	25.5	93.
23.0	63.0	6287.1	436.0	-38.2	-46.4	268.9	33.4	33.4	0.7	297.8	298.3	0.1	41.4	26.3	93.
23.5	64.0	6398.3	429.0	-39.0	-46.8	268.4	35.2	35.2	1.0	298.2	298.6	0.1	42.9	27.2	93.
23.9	65.0	6510.9	422.0	-39.9	-47.3	268.1	37.7	37.7	1.3	298.5	298.9	0.1	44.5	28.1	93.
24.4	66.0	6657.9	413.0	-41.0	99.9	267.5	39.5	39.5	1.7	299.0	999.9	99.9	999.9	29.4	93.
24.8	67.0	6757.2	407.0	-41.7	99.9	266.6	39.5	39.4	2.4	299.3	999.9	99.9	999.9	30.3	93.
25.2	68.0	6874.7	400.0	-42.5	99.9	265.7	39.3	39.2	2.9	299.7	999.9	99.9	999.9	31.2	92.
25.7	69.0	6993.6	393.0	-43.7	99.9	265.4	39.6	39.5	3.2	299.8	999.9	99.9	999.9	32.4	92.
26.1	70.0	7096.8	387.0	-44.5	99.9	265.9	40.3	40.2	2.9	300.0	999.9	99.9	999.9	33.3	92.
26.7	71.0	7254.0	378.0	-45.7	99.9	266.7	40.2	40.1	2.3	300.5	999.9	99.9	999.9	34.8	92.
27.0	72.0	7360.4	372.0	-46.7	99.9	266.7	39.6	39.5	2.3	300.5	999.9	99.9	999.9	35.7	92.
27.5	73.0	7468.0	366.0	-47.9	99.9	266.7	39.2	39.2	2.2	300.3	999.9	99.9	999.9	36.6	92.
27.9	74.0	7576.9	360.0	-48.6	99.9	267.0	40.0	39.9	2.1	300.7	999.9	99.9	999.9	37.7	91.
28.3	75.0	7705.8	353.0	-49.4	99.9	266.6	40.4	40.4	2.4	301.4	999.9	99.9	999.9	38.6	91.
28.8	76.0	7817.9	347.0	-50.1	99.9	265.0	40.1	39.9	3.5	301.9	999.9	99.9	999.9	39.9	91.
29.2	77.0	7931.6	341.0	-51.2	99.9	263.4	39.5	39.2	4.5	301.9	999.9	99.9	999.9	40.8	91.
29.7	78.0	8047.0	335.0	-51.2	99.9	262.7	39.6*	39.3	5.1	303.4	999.9	99.9	999.9	41.9	91.
30.1	79.0	8164.8	329.0	-50.1	99.9	263.1	40.9*	40.6	4.9	306.5	999.9	99.9	999.9	42.8	91.
30.5	80.0	8285.4	323.0	-48.6	99.9	264.0	42.6*	42.4	4.5	310.2	999.9	99.9	999.9	43.8	90.
31.1	81.0	8429.5	316.0	-48.6	99.9	263.7	42.9*	42.6	3.7	312.2	999.9	99.9	999.9	45.5	90.
31.6	82.0	8555.5	310.0	-48.6	99.9	263.1	41.9*	41.6	5.1	313.9	999.9	99.9	999.9	46.7	90.
32.0	83.0	8662.5	305.0	-48.6	99.9	262.9	40.7*	40.4	5.0	315.3	999.9	99.9	999.9	47.6	90.
32.3	84.0	8793.2	299.0	-48.5	99.9	262.5	39.4*	39.1	5.1	317.3	999.9	99.9	999.9	48.5	90.
32.8	85.0	8904.2	294.0	-48.2	99.9	261.4	38.6*	38.1	5.8	319.3	999.9	99.9	999.9	49.5	90.
33.3	86.0	9063.3	287.0	-47.4	99.9	259.9	40.3*	39.7	7.1	322.6	999.9	99.9	999.9	50.6	89.
33.8	87.0	9179.6	282.0	-47.0	99.9	258.3	42.3*	41.4	8.6	324.8	999.9	99.9	999.9	51.9	89.
34.2	88.0	9322.1	276.0	-47.0	99.9	256.6	42.3*	41.1	9.8	326.8	999.9	99.9	999.9	53.0	89.
34.7	89.0	9443.2	271.0	-46.8	99.9	254.9	40.6*	39.2	10.6	328.8	999.9	99.9	999.9	54.2	89.
35.0	90.0	9566.7	266.0	-46.7	99.9	254.6	39.5*	38.0	10.5	330.7	999.9	99.9	999.9	54.8	88.
35.5	91.0	9692.5	261.0	-47.0	99.9	256.2	38.2*	37.1	9.1	332.1	999.9	99.9	999.9	56.1	88.
36.0	92.0	9846.3	255.0	-47.6	99.9	258.1	37.4*	36.6	7.7	333.4	999.9	99.9	999.9	57.0	88.
36.4	93.0	9950.8	251.0	-47.7	99.9	258.6	37.1*	36.3	7.3	334.7	999.9	99.9	999.9	58.1	88.
36.9	94.0	10083.8	246.0	-47.0	99.9	257.8	37.4*	36.5	7.9	337.8	999.9	99.9	999.9	58.9	88.
37.4	95.0	10219.9	241.0	-47.0	99.9	255.7	38.7*	37.5	9.6	339.8	999.9	99.9	999.9	60.3	87.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
HUNTINGTON, WVA

7 FEBRUARY 1975  
1115 GMT

154 25. 0

TIME MIN	CNTCT	HEIGHT GPM	FRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.0	96.0	10386.8	235.0	-47.1	99.9	253.9	40.7*	39.1	1.3	342.0	999.9	99.9	999.9	61.3	87.
38.4	97.0	10529.1	230.0	-47.4	99.9	254.6	42.6*	41.0	11.3	343.7	999.9	99.9	999.9	62.7	87.
38.9	98.0	10644.9	226.0	-48.0	99.9	256.4	46.6*	45.3	11.0	344.5	999.9	99.9	999.9	63.6	87.
39.3	99.0	10792.2	221.0	-48.8	99.9	257.4	49.3*	48.2	10.7	345.5	999.9	99.9	999.9	64.8	86.
39.7	100.0	10942.7	216.0	-48.6	99.9	258.1	49.1*	48.0	10.1	348.0	999.9	99.9	999.9	66.3	86.
40.1	101.0	11096.5	211.0	-49.2	99.9	258.9	45.8*	45.0	8.8	349.4	999.9	99.9	999.9	67.6	86.
40.5	102.0	11221.9	207.0	-49.7	99.9	260.7	41.6*	41.0	6.7	350.6	999.9	99.9	999.9	68.4	86.
41.0	103.0	11381.9	202.0	-49.7	99.9	263.9	40.0*	39.8	4.2	353.1	999.9	99.9	999.9	69.3	86.
41.4	104.0	11512.7	198.0	-50.1	99.9	265.1	39.0*	38.8	3.3	354.4	999.9	99.9	999.9	70.7	86.
41.9	105.0	11646.0	194.0	-50.3	99.9	264.7	37.6*	37.4	3.4	356.2	999.9	99.9	999.9	71.7	86.
42.4	106.0	11781.8	190.0	-50.9	99.9	262.3	38.7*	38.3	5.2	357.4	999.9	99.9	999.9	72.6	86.
42.8	107.0	11920.4	186.0	-50.6	99.9	260.1	40.7*	40.1	7.0	360.0	999.9	99.9	999.9	73.8	86.
43.4	108.0	12062.0	182.0	-50.9	99.9	258.4	42.9*	42.1	8.6	361.2	999.9	99.9	999.9	75.1	86.
43.9	109.0	12206.7	178.0	-50.8	99.9	258.5	42.3*	41.5	8.4	364.3	999.9	99.9	999.9	76.6	86.
44.3	110.0	12355.2	174.0	-49.4	99.9	258.6	39.6*	38.8	7.8	369.0	999.9	99.9	999.9	77.6	86.
44.9	111.0	12545.8	169.0	-50.5	99.9	258.6	34.3*	33.7	6.8	370.3	999.9	99.9	999.9	78.9	85.
45.3	112.0	12701.7	165.0	-51.5	99.9	258.3	32.9*	32.2	6.7	371.0	999.9	99.9	999.9	79.7	85.
45.9	113.0	12820.8	162.0	-51.5	99.9	257.0	36.4*	35.4	8.2	373.0	999.9	99.9	999.9	80.7	85.
46.3	114.0	12982.7	158.0	-52.6	99.9	256.0	41.2*	40.0	10.0	373.8	999.9	99.9	999.9	81.5	85.
46.8	115.0	13148.0	154.0	-53.6	99.9	254.9	43.6*	42.1	11.3	374.9	999.9	99.9	999.9	83.1	85.
47.3	116.0	13316.8	150.0	-54.7	99.9	253.5	40.3*	38.7	11.5	375.8	999.9	99.9	999.9	84.5	85.
47.9	117.0	13489.9	146.0	-54.3	99.9	253.1	38.1*	36.5	11.1	379.5	999.9	99.9	999.9	85.6	85.
48.4	118.0	13622.8	143.0	-54.7	99.9	256.1	42.2*	41.0	10.1	380.9	999.9	99.9	999.9	86.5	84.
48.9	119.0	13804.3	139.0	-54.9	99.9	258.2	44.0*	43.0	9.0	383.7	999.9	99.9	999.9	88.3	84.
49.3	120.0	13943.6	136.0	-55.2	99.9	258.0	41.2*	40.3	8.5	385.6	999.9	99.9	999.9	89.3	84.
49.8	121.0	14085.7	133.0	-56.1	99.9	256.8	37.0*	36.0	8.5	386.5	999.9	99.9	999.9	90.3	84.
50.2	122.0	14230.7	130.0	-56.4	99.9	256.6	35.3*	34.3	8.2	388.5	999.9	99.9	999.9	91.1	84.
50.8	123.0	14429.0	126.0	-56.6	99.9	259.5	34.5*	33.9	6.3	391.7	999.9	99.9	999.9	92.4	84.
51.2	124.0	14582.0	123.0	-56.2	99.9	262.6	33.8*	33.5	4.4	395.0	999.9	99.9	999.9	93.2	84.
51.8	125.0	14738.8	120.0	-56.6	99.9	265.2	32.7*	32.6	2.7	397.2	999.9	99.9	999.9	94.4	84.
52.4	126.0	14953.9	116.0	-56.4	99.9	262.8	32.3*	32.0	4.1	401.3	999.9	99.9	999.9	95.6	84.
53.0	127.0	15120.2	113.0	-56.6	99.9	259.7	33.0*	32.4	5.9	404.0	999.9	99.9	999.9	96.7	84.
53.5	128.0	15290.4	110.0	-57.8	99.9	259.5	34.2*	33.6	6.2	404.9	999.9	99.9	999.9	97.7	84.
54.0	129.0	15464.5	107.0	-58.7	99.9	260.5	35.5*	35.0	5.9	406.5	999.9	99.9	999.9	98.8	84.
54.4	130.0	15583.0	105.0	-58.5	99.9	261.0	36.6*	36.2	5.7	409.0	999.9	99.9	999.9	99.6	84.
55.0	131.0	15826.8	101.0	-59.4	99.9	261.0	36.7*	36.3	5.8	411.9	999.9	99.9	999.9	101.0	84.
55.5	132.0	16015.5	98.0	-59.6	99.9	262.3	34.4*	34.1	4.6	415.1	999.9	99.9	999.9	102.2	84.
56.0	133.0	16144.4	96.0	-59.9	99.9	265.2	33.4*	33.3	2.8	416.8	999.9	99.9	999.9	103.0	84.
56.6	134.0	16342.4	93.0	-60.6	99.9	264.5	34.7*	34.6	3.3	419.2	999.9	99.9	999.9	104.2	84.
57.1	135.0	16546.8	90.0	-59.9	99.9	261.3	34.8*	34.4	5.3	424.6	999.9	99.9	999.9	105.4	84.
57.8	136.0	16759.1	87.0	-58.8	99.9	257.9	33.2*	32.4	6.9	430.9	999.9	99.9	999.9	106.8	84.
58.5	137.0	16980.2	84.0	-57.3	99.9	257.6	29.5*	28.8	6.4	438.4	999.9	99.9	999.9	108.1	84.
59.1	138.0	17209.5	81.0	-58.5	99.9	262.3	25.6*	25.3	3.4	440.5	999.9	99.9	999.9	109.3	84.
59.7	139.0	17446.1	78.0	-59.7	99.9	264.3	28.0*	27.8	2.8	442.7	999.9	99.9	999.9	109.7	84.
60.3	140.0	17690.8	75.0	-60.6	99.9	261.3	29.0*	28.6	4.4	445.8	999.9	99.9	999.9	111.2	84.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 425  
MUNTINGTON, WVA

7 FEBRUARY 1975  
1115 GMT

154 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.1	141.0	17944.7	72.0	-61.0	99.9	258.4	20.9*	20.5	4.2	450.2	999.9	99.9	999.9	112.5	84.
61.9	142.0	18209.7	69.0	-60.1	99.9	258.9	25.5*	25.0	4.9	457.7	999.9	99.9	999.9	113.1	84.
62.7	143.0	18486.7	66.0	-60.2	99.9	255.3	28.8*	27.9	7.3	462.0	999.9	99.9	999.9	114.7	84.
63.4	144.0	18678.6	64.0	-59.7	99.9	259.2	23.8*	23.4	4.5	468.5	999.9	99.9	999.9	116.0	83.
64.1	145.0	18978.9	61.0	-59.4	99.9	264.6	24.8*	24.6	2.3	475.8	999.9	99.9	999.9	116.5	83.
64.9	146.0	19294.3	58.0	-59.9	99.9	258.7	23.9*	23.4	4.7	481.4	999.9	99.9	999.9	118.3	83.
65.7	147.0	19624.9	55.0	-61.4	99.9	252.7	22.8*	21.8	6.8	485.5	999.9	99.9	999.9	118.9	83.
66.6	148.0	19854.7	53.0	-61.4	99.9	261.0	29.6*	29.2	4.6	490.6	999.9	99.9	999.9	120.3	83.
67.6	149.0	20215.8	50.0	-61.8	99.9	271.9	29.6*	29.5	-1.0	498.0	999.9	99.9	999.9	122.4	83.
68.5	150.0	20468.4	48.0	-62.1	99.9	270.4	20.3*	20.3	-0.1	502.9	999.9	99.9	999.9	123.9	83.
69.4	151.0	20867.1	45.0	-62.3	99.9	263.6	24.0*	23.9	2.7	511.8	999.9	99.9	999.9	124.8	83.
70.4	152.0	21293.8	42.0	-61.8	99.9	267.4	25.9*	25.9	1.2	523.4	999.9	99.9	999.9	127.0	83.
71.5	153.0	21597.7	40.0	-59.2	99.9	250.0	15.1*	14.2	5.2	537.2	999.9	99.9	999.9	127.7	83.
72.6	154.0	22083.6	37.0	-61.6	99.9	249.2	28.3*	26.4	10.0	543.3	999.9	99.9	999.9	129.1	83.
73.7	155.0	22427.6	35.0	-62.1	99.9	256.8	24.9*	24.2	5.7	550.5	999.9	99.9	999.9	130.7	83.
74.7	156.0	22980.0	32.0	-63.3	99.9	266.8	24.0*	24.0	1.3	561.7	999.9	99.9	999.9	132.6	83.
76.0	157.0	23377.3	30.0	-62.7	99.9	263.1	28.6*	28.4	3.4	573.7	999.9	99.9	999.9	133.6	83.
77.3	158.0	24028.8	27.0	-61.4	99.9	999.9	99.9	99.9	99.9	595.0	999.9	99.9	999.9	999.9	999.
78.7	159.0	24505.8	25.0	-61.8	99.9	999.9	99.9	99.9	99.9	607.2	999.9	99.9	999.9	999.9	999.

STATION NO. 429  
DAYTON, OHIO

5 FEBRUARY 1975  
2315 GMT

152 17. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	FRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	298.0	971.6	0.8	0.4	250.0	3.6	3.4	1.2	276.7	287.1	4.1	97.1	0.0	0.
0.2	8.0	311.3	976.0	4.5	3.9	188.0	4.2	0.6	4.2	280.7	294.1	5.2	95.8	0.3	39.
0.6	9.0	421.3	957.0	4.1	3.6	200.2	4.1	1.4	3.8	281.5	294.8	5.2	96.5	0.3	85.
1.0	10.0	524.0	945.0	3.5	2.9	242.7	5.3	4.7	2.4	281.8	294.7	5.0	96.4	0.4	69.
1.4	11.0	645.2	931.0	2.8	2.3	269.0	8.1	8.1	0.1	282.3	294.8	4.8	96.3	0.6	75.
1.8	12.0	750.2	919.0	2.1	1.6	275.2	9.2	9.1	-0.8	282.6	294.8	4.7	96.2	0.8	81.
2.2	13.0	856.3	907.0	1.3	0.7	276.8	9.2	9.1	-1.1	282.8	294.4	4.5	96.1	1.0	84.
2.6	14.0	963.5	895.0	0.5	-0.1	276.8	9.0	9.0	-1.1	283.0	294.1	4.3	96.0	1.2	86.
3.1	15.0	1062.7	884.0	-0.2	-0.7	275.2	9.4	9.3	-0.8	283.3	294.1	4.1	95.9	1.5	89.
3.6	16.0	1190.7	870.0	-0.3	-0.9	272.4	10.5	10.5	-0.4	284.4	295.3	4.1	95.9	1.8	89.
4.0	17.0	1292.5	859.0	-0.8	-1.4	272.3	11.0	11.0	-0.4	284.9	295.6	4.0	95.8	2.0	90.
4.4	18.0	1395.5	848.0	-1.3	-1.9	272.1	11.2	11.2	-0.4	285.5	296.0	3.9	95.7	2.3	90.
4.8	19.0	1509.1	836.0	-1.9	-2.5	271.7	11.5	11.5	-0.4	286.0	296.2	3.8	95.6	2.6	90.
5.2	20.0	1604.8	826.0	-2.4	-3.0	271.2	12.0	12.0	-0.3	286.4	296.4	3.7	95.6	2.8	90.
5.7	21.0	1740.6	812.0	-2.7	-3.2	272.5	12.8	12.8	-0.5	287.5	297.5	3.7	96.0	3.2	90.
6.1	22.0	1848.8	801.0	-3.2	-3.7	275.3	13.3	13.3	-1.2	288.1	298.0	3.6	95.9	3.5	91.
6.4	23.0	1958.3	790.0	-3.8	-4.3	278.2	12.9	12.8	-1.8	288.6	298.1	3.5	95.9	3.8	91.
6.8	24.0	2069.1	779.0	-3.8	-4.3	279.2	11.6	11.4	-1.9	289.8	299.5	3.6	95.9	4.1	92.
7.3	25.0	2171.2	769.0	-4.1	-4.7	278.0	10.8	10.7	-1.5	290.5	300.1	3.5	95.8	4.4	92.
7.8	26.0	2305.7	756.0	-5.0	-5.6	275.8	11.1	11.0	-1.1	290.9	300.1	3.3	95.7	4.7	93.
8.2	27.0	2420.9	745.0	-5.8	-6.4	273.9	11.5	11.4	-0.8	291.3	300.1	3.2	95.6	5.0	93.
8.7	28.0	2526.7	735.0	-6.5	-7.1	271.3	12.0	12.0	-0.3	291.6	300.0	3.1	95.4	5.3	93.
9.1	29.0	2633.8	725.0	-7.1	-7.7	269.3	12.4	12.4	0.2	292.0	300.3	3.0	95.4	5.6	93.
9.5	30.0	2742.1	715.0	-7.6	-8.2	267.3	12.8	12.8	0.6	292.7	300.8	2.9	95.3	5.9	92.
9.9	31.0	2851.8	705.0	-8.1	-8.8	265.4	12.8	12.8	1.0	293.2	301.1	2.8	95.2	6.2	92.
10.2	32.0	2962.6	695.0	-9.2	-9.8	263.7	12.6	12.6	1.4	293.2	300.6	2.6	95.0	6.5	92.
10.6	33.0	3063.4	686.0	-10.0	-10.7	261.2	12.2	12.1	1.9	293.3	300.3	2.5	94.7	6.8	91.
11.0	34.0	3176.6	676.0	-10.9	-11.7	258.1	11.9	11.6	2.5	293.6	300.2	2.3	94.0	7.1	91.
11.4	35.0	3279.5	667.0	-11.6	-12.4	254.6	12.1	11.6	3.2	293.9	300.3	2.2	94.2	7.3	90.
11.9	36.0	3418.7	655.0	-12.0	-12.7	250.4	12.9	12.1	4.3	295.0	301.3	2.2	94.6	7.7	90.
12.2	37.0	3536.4	645.0	-12.6	-13.3	248.6	13.4	12.5	4.9	295.6	301.7	2.1	94.5	7.9	89.
12.7	38.0	3643.6	636.0	-13.3	-14.2	246.6	14.0	12.9	5.6	296.0	301.8	2.0	93.0	8.3	88.
13.1	39.0	3764.1	626.0	-14.4	-17.7	246.0	14.3	13.0	5.8	296.0	300.5	1.5	76.2	8.6	87.
13.5	40.0	3861.5	618.0	-15.3	-20.5	245.8	14.5	13.2	5.9	296.1	299.7	1.2	64.2	8.9	86.
14.1	41.0	3997.0	607.0	-16.2	-22.4	244.5	15.2	13.7	6.5	296.5	299.6	1.0	58.8	9.4	85.
14.5	42.0	4121.9	597.0	-16.9	-21.8	243.0	15.5	13.8	7.1	297.1	300.5	1.1	65.7	9.8	84.
14.9	43.0	4235.9	588.0	-17.5	-21.2	240.9	15.3	13.4	7.5	297.7	301.4	1.2	72.4	10.1	83.
15.3	44.0	4338.4	580.0	-18.4	-22.4	239.9	15.1	13.0	7.6	297.8	301.1	1.1	70.7	10.5	83.
15.7	45.0	4454.5	571.0	-19.2	-23.7	240.8	15.0	13.1	7.3	298.2	301.2	1.0	67.7	10.8	82.
16.1	46.0	4572.9	562.0	-20.2	-25.1	243.6	15.5	13.9	6.9	298.4	301.1	0.9	64.6	11.1	81.
16.6	47.0	4679.0	554.0	-21.2	-26.5	247.1	16.4	15.1	6.4	298.3	300.8	0.8	62.3	11.5	81.
16.9	48.0	4786.2	546.0	-22.0	-30.4	248.1	16.6	15.4	6.2	298.6	300.3	0.6	46.3	11.9	80.
17.2	49.0	4908.2	537.0	-23.1	-30.7	248.2	16.4	15.2	6.1	298.7	300.5	0.5	49.6	12.2	80.
17.7	50.0	5018.1	529.0	-23.6	-29.7	247.1	15.6	14.4	6.1	299.4	301.3	0.6	57.0	12.7	80.
18.2	51.0	5157.4	519.0	-24.4	-29.7	245.4	15.1	13.7	6.3	300.1	302.0	0.6	61.2	13.1	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

5 FEBRUARY 1975  
2315 GMT

152 17. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.7	52.0	5270.4	511.0	-25.5	-31.3	243.4	15.5	13.9	6.9	300.1	301.8	0.5	58.1	13.8	79.
19.1	53.0	5384.7	503.0	-26.1	-32.0	241.5	16.0	14.0	7.6	300.7	302.3	0.5	57.6	13.9	78.
19.4	54.0	5500.5	495.0	-27.2	-33.1	239.8	16.0	13.9	8.1	300.7	302.3	0.5	57.2	14.2	78.
19.9	55.0	5617.7	487.0	-28.3	-33.9	236.9	15.5	13.0	8.5	300.9	302.3	0.4	58.3	14.6	77.
20.3	56.0	5751.3	478.0	-29.2	-34.6	235.3	14.9	12.3	8.5	301.3	302.7	0.4	59.2	15.0	77.
20.8	57.0	5871.7	470.0	-30.1	-35.4	234.7	14.4	11.7	8.3	301.6	302.9	0.4	59.7	15.4	76.
21.1	58.0	5978.3	463.0	-31.1	-36.6	235.2	14.1	11.6	8.1	301.6	302.8	0.4	58.1	15.6	76.
21.6	59.0	6101.6	455.0	-32.2	-38.8	237.5	14.0	11.8	7.5	301.8	302.7	0.3	51.2	16.0	75.
22.1	60.0	6210.8	448.0	-33.3	-40.4	241.2	14.3	12.6	6.9	301.8	302.6	0.2	48.3	16.4	75.
22.5	61.0	6321.2	441.0	-34.4	-42.0	244.3	15.0	13.5	6.5	301.6	302.4	0.2	46.0	16.7	75.
23.0	62.0	6449.0	433.0	-35.2	-42.8	246.7	15.8	14.5	6.2	302.2	302.9	0.2	45.3	17.2	74.
23.4	63.0	6562.3	426.0	-36.4	-43.8	246.9	16.2	14.9	6.4	302.1	302.7	0.2	46.0	17.6	74.
23.8	64.0	6676.5	419.0	-37.5	-44.7	245.9	16.4	15.0	6.7	302.2	302.7	0.2	46.4	18.0	74.
24.2	65.0	6793.0	412.0	-38.4	-45.2	243.8	16.3	14.6	7.2	302.4	303.0	0.2	48.4	18.4	74.
24.7	66.0	6927.4	404.0	-39.8	-46.3	239.7	16.0	13.8	8.1	302.3	302.8	0.1	49.3	18.9	74.
25.2	67.0	7046.6	397.0	-40.9	99.9	235.3	15.9	13.1	9.1	302.5	999.9	99.9	999.9	19.3	73.
25.6	68.0	7167.4	390.0	-41.9	99.9	232.2	16.2	12.8	9.9	302.8	999.9	99.9	999.9	19.7	73.
26.1	69.0	7289.8	383.0	-43.1	99.9	229.5	17.2	13.1	11.2	302.7	999.9	99.9	999.9	20.1	72.
26.4	70.0	7395.9	377.0	-44.2	99.9	228.3	18.1	13.5	12.0	302.6	999.9	99.9	999.9	20.4	72.
26.9	71.0	7539.3	369.0	-45.5	99.9	226.6	19.8	14.4	13.6	302.8	999.9	99.9	999.9	20.9	71.
27.3	72.0	7666.7	362.0	-46.6	99.9	226.8	21.4	15.6	14.6	302.9	999.9	99.9	999.9	21.3	71.
27.8	73.0	7777.5	356.0	-47.3	99.9	229.1	23.1	17.5	15.1	303.4	999.9	99.9	999.9	22.0	70.
28.1	74.0	7908.6	349.0	-48.2	99.9	231.2	24.0	18.7	15.0	304.0	999.9	99.9	999.9	22.4	70.
28.7	75.0	8022.7	343.0	-48.5	99.9	235.9	25.3	20.9	14.2	305.1	999.9	99.9	999.9	23.2	69.
29.2	76.0	8138.7	337.0	-49.0	99.9	238.7	26.4	22.6	13.7	306.0	999.9	99.9	999.9	24.0	69.
29.7	77.0	8256.7	331.0	-49.0	99.9	240.3	28.1	24.4	3.9	307.6	999.9	99.9	999.9	24.8	68.
30.2	78.0	8376.8	325.0	-49.0	99.9	240.9	30.4	26.5	14.8	309.2	999.9	99.9	999.9	25.6	68.
30.7	79.0	8499.1	319.0	-49.3	99.9	241.0	32.7	28.6	15.8	310.4	999.9	99.9	999.9	26.6	68.
31.2	80.0	8623.7	313.0	-49.1	99.9	240.9	34.7	30.3	16.9	312.3	999.9	99.9	999.9	27.6	68.
31.7	81.0	8772.1	306.0	-49.3	99.9	240.7	36.2	31.5	17.7	314.2	999.9	99.9	999.9	28.7	67.
32.2	82.0	8901.8	300.0	-49.7	99.9	240.4	37.1	32.3	18.3	315.3	999.9	99.9	999.9	29.8	67.
32.7	83.0	9011.8	295.0	-49.7	99.9	240.0	37.7	32.7	18.9	316.8	999.9	99.9	999.9	30.9	67.
33.2	84.0	9146.3	289.0	-49.7	99.9	239.7	37.9	32.7	19.1	318.7	999.9	99.9	999.9	32.0	67.
33.7	85.0	9283.6	283.0	-49.7	99.9	239.6	38.0	32.8	19.2	320.6	999.9	99.9	999.9	33.2	66.
34.4	86.0	9423.8	277.0	-50.0	99.9	240.2	38.8	33.7	19.3	322.2	999.9	99.9	999.9	34.7	66.
34.9	87.0	9542.8	272.0	-50.1	99.9	241.0	39.3	34.4	19.1	323.6	999.9	99.9	999.9	35.9	66.
35.4	88.0	9688.4	266.0	-50.4	99.9	241.3	39.4	34.6	18.9	325.3	999.9	99.9	999.9	37.1	66.
36.0	89.0	9812.3	261.0	-50.0	99.9	240.7	40.2	35.1	19.7	327.7	999.9	99.9	999.9	38.5	66.
36.5	90.0	9938.7	256.0	-50.4	99.9	240.3	42.6	37.0	21.1	328.8	999.9	99.9	999.9	39.7	65.
37.0	91.0	10067.3	251.0	-50.4	99.9	241.0	45.6	39.9	22.2	330.7	999.9	99.9	999.9	41.0	65.
37.6	92.0	10198.6	246.0	-50.3	99.9	242.4	47.4	42.0	21.9	332.8	999.9	99.9	999.9	42.7	65.
38.1	93.0	10332.7	241.0	-50.1	99.9	243.4	46.0	41.1	20.6	335.0	999.9	99.9	999.9	44.3	65.
38.6	94.0	10469.6	236.0	-50.4	99.9	243.6	42.8	38.4	19.1	336.6	999.9	99.9	999.9	45.6	65.
39.1	95.0	10581.1	232.0	-50.4	99.9	242.8	40.3	35.9	18.5	338.2	999.9	99.9	999.9	46.8	65.
39.8	96.0	10751.9	226.0	-50.7	99.9	242.0	41.1	36.3	19.3	340.3	999.9	99.9	999.9	48.4	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 429  
DAYTON, OHIO

5 FEBRUARY 1975  
2315 GMT

152 17. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	FRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
40.5	97.0	10897.6	221.0	-50.7	99.9	242.1	43.8	38.7	20.5	342.5	999.9	99.9	999.9	50.1	65.
40.9	98.0	11016.5	217.0	-51.2	99.9	241.7	42.3	37.3	20.1	343.6	999.9	99.9	999.9	51.4	65.
41.4	99.0	11167.7	212.0	-52.1	99.9	241.1	40.0	35.0	19.3	344.5	999.9	99.9	999.9	52.6	65.
42.1	100.0	11290.9	208.0	-52.7	99.9	241.4	42.6	37.4	20.4	345.4	999.9	99.9	999.9	54.0	64.
42.8	101.0	11447.8	203.0	-53.2	99.9	241.5	46.3	40.7	22.1	347.1	999.9	99.9	999.9	56.1	64.
43.3	102.0	11608.3	198.0	-53.7	99.9	241.0	45.0	39.3	21.8	348.8	999.9	99.9	999.9	57.6	64.
43.8	103.0	11739.4	194.0	-54.1	99.9	240.9	43.4	37.9	21.2	350.1	999.9	99.9	999.9	58.8	64.
44.4	104.0	11873.0	190.0	-54.3	99.9	241.6	42.5	37.4	20.2	351.9	999.9	99.9	999.9	60.3	64.
45.0	105.0	12009.6	186.0	-53.7	99.9	242.8	38.9	34.5	17.8	355.1	999.9	99.9	999.9	62.0	64.
45.6	106.0	12149.2	182.0	-54.1	99.9	243.7	36.3	32.6	16.1	356.5	999.9	99.9	999.9	63.1	64.
46.2	107.0	12291.7	178.0	-54.3	99.9	243.8	39.2*	35.1	17.3	358.5	999.9	99.9	999.9	64.4	64.
46.7	108.0	12437.2	174.0	-54.8	99.9	243.3	42.1*	37.6	18.9	360.1	999.9	99.9	999.9	65.7	64.
47.3	109.0	12585.9	170.0	-55.1	99.9	242.2	42.8*	37.9	20.0	362.0	999.9	99.9	999.9	67.3	64.
47.9	110.0	12737.8	166.0	-55.1	99.9	241.4	41.0*	36.0	19.6	364.4	999.9	99.9	999.9	68.8	64.
48.6	111.0	12933.1	161.0	-55.4	99.9	241.7	39.8*	35.0	18.8	367.1	999.9	99.9	999.9	70.4	64.
49.2	112.0	13093.6	157.0	-55.4	99.9	242.8	41.0*	36.5	18.7	369.7	999.9	99.9	999.9	71.8	64.
49.8	113.0	13216.7	154.0	-55.1	99.9	243.6	40.1*	36.0	17.9	372.3	999.9	99.9	999.9	73.5	64.
50.4	114.0	13384.8	150.0	-55.1	99.9	243.3	36.5*	32.7	16.4	375.2	999.9	99.9	999.9	74.9	64.
51.1	115.0	13513.5	147.0	-56.2	99.9	241.4	35.3*	30.9	16.9	375.4	999.9	99.9	999.9	76.2	64.
51.9	116.0	13733.3	142.0	-56.4	99.9	237.5	37.0*	31.2	19.9	378.8	999.9	99.9	999.9	78.0	64.
52.4	117.0	13868.8	139.0	-56.7	99.9	236.2	38.9*	32.3	21.6	380.5	999.9	99.9	999.9	79.1	64.
53.1	118.0	14007.1	136.0	-56.7	99.9	238.3	45.3*	38.6	23.8	382.9	999.9	99.9	999.9	80.6	63.
53.7	119.0	14196.3	132.0	-56.7	99.9	241.0	49.8*	43.5	24.1	386.2	999.9	99.9	999.9	82.6	63.
54.4	120.0	14341.9	129.0	-57.2	99.9	244.1	49.5*	44.5	21.7	387.9	999.9	99.9	999.9	84.7	63.
55.1	121.0	14490.7	126.0	-57.2	99.9	248.2	46.4*	43.1	17.3	390.5	999.9	99.9	999.9	86.8	63.
55.6	122.0	14643.1	123.0	-57.4	99.9	249.8	42.2*	39.6	14.6	392.9	999.9	99.9	999.9	88.1	64.
56.2	123.0	14851.9	119.0	-57.6	99.9	248.1	35.0*	32.5	13.0	396.3	999.9	99.9	999.9	89.6	64.
56.9	124.0	15012.8	116.0	-58.6	99.9	244.7	31.8*	28.7	13.6	397.3	999.9	99.9	999.9	90.6	64.
57.6	125.0	15177.3	113.0	-58.9	99.9	244.9	33.0*	29.9	14.0	399.7	999.9	99.9	999.9	92.2	64.
58.4	126.0	15346.6	110.0	-57.9	99.9	247.8	29.0*	26.8	10.9	404.7	999.9	99.9	999.9	93.7	64.
59.1	127.0	15579.8	106.0	-58.4	99.9	250.3	23.9*	22.5	8.1	408.0	999.9	99.9	999.9	94.9	64.
59.9	128.0	15699.3	104.0	-59.8	99.9	250.9	22.3*	21.1	7.3	407.6	999.9	99.9	999.9	95.8	64.
60.6	129.0	15881.4	101.0	-61.6	99.9	249.0	24.6*	22.9	8.8	407.6	999.9	99.9	999.9	96.8	64.
61.3	130.0	16067.8	98.0	-62.7	99.9	247.6	25.2*	23.3	9.6	409.0	999.9	99.9	999.9	97.9	64.
62.3	131.0	16325.0	94.0	-62.3	99.9	253.3	25.3*	24.2	7.3	414.7	999.9	99.9	999.9	99.3	64.
63.0	132.0	16457.8	92.0	-62.3	99.9	254.6	32.2*	31.0	8.6	417.2	999.9	99.9	999.9	100.2	64.
63.8	133.0	16662.6	89.0	-62.3	99.9	255.3	37.4*	36.2	9.5	421.2	999.9	99.9	999.9	102.3	64.
64.5	134.0	16874.5	86.0	-61.9	99.9	258.4	35.6*	34.8	7.2	426.1	999.9	99.9	999.9	103.7	65.
65.3	135.0	17094.0	83.0	-62.3	99.9	258.7	38.0*	37.3	7.4	429.7	999.9	99.9	999.9	105.3	65.
66.2	136.0	17321.1	80.0	-62.9	99.9	262.2	31.7*	31.4	4.3	433.1	999.9	99.9	999.9	107.5	65.
67.3	137.0	17556.2	77.0	-63.4	99.9	267.7	25.1*	25.0	1.0	436.7	999.9	99.9	999.9	108.9	65.
68.3	138.0	17800.5	74.0	-63.2	99.9	264.6	26.0*	25.9	2.5	442.1	999.9	99.9	999.9	110.4	66.
69.3	139.0	18055.2	71.0	-62.9	99.9	253.3	26.3*	25.2	7.5	448.1	999.9	99.9	999.9	111.9	66.
70.3	140.0	18320.5	68.0	-63.8	99.9	250.2	26.8*	25.2	9.1	451.7	999.9	99.9	999.9	113.5	66.
71.3	141.0	18596.4	65.0	-64.9	99.9	248.9	27.7*	25.8	10.0	455.0	999.9	99.9	999.9	115.1	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 7 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

5 FEBRUARY 1975  
2315 GMT

152 17. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
72.3	142.0	18884.1	62.0	-65.7	99.9	250.6	30.2*	28.5	10.0	459.5	999.9	99.9	999.9	116.8	66.
73.4	143.0	19145.0	59.0	-66.3	99.9	252.1	38.6*	36.7	11.9	464.7	999.9	99.9	999.9	119.1	66.
74.7	144.0	19501.4	56.0	-65.9	99.9	262.1	28.7*	28.4	3.9	472.6	999.9	99.9	999.9	121.8	66.
76.0	145.0	19836.1	53.0	-65.3	99.9	272.1	29.0*	28.9	-1.0	481.4	999.9	99.9	999.9	123.8	67.
77.3	146.0	20191.3	50.0	-64.8	99.9	275.5	25.4*	25.3	-2.4	490.9	999.9	99.9	999.9	125.8	67.
78.7	147.0	20440.3	48.0	-65.1	99.9	270.3	25.7*	25.7	-0.2	495.8	999.9	99.9	999.9	127.4	68.
80.0	148.0	20833.3	45.0	-65.3	99.9	259.5	28.5*	28.0	5.2	504.5	999.9	99.9	999.9	129.7	68.
81.5	149.0	21252.7	42.0	-65.9	99.9	270.3	13.8*	13.8	-0.1	513.1	999.9	99.9	999.9	131.4	68.
83.1	150.0	21701.0	39.0	-67.4	99.9	267.8	28.6*	28.6	1.1	520.5	999.9	99.9	999.9	133.4	68.
84.8	151.0	22181.3	36.0	-69.2	99.9	275.9	25.2*	25.1	-2.6	527.6	999.9	99.9	999.9	136.1	69.
86.7	152.0	22525.1	34.0	-66.3	99.9	272.2	24.8*	24.8	-0.9	544.0	999.9	99.9	999.9	138.3	69.
88.6	153.0	23085.5	31.0	-65.7	99.9	264.3	30.1*	30.0	3.0	560.2	999.9	99.9	999.9	141.4	70.
90.6	154.0	23702.4	28.0	-66.7	99.9	261.9	28.7*	28.4	1.0	573.9	999.9	99.9	999.9	145.0	70.
93.1	155.0	24390.9	25.0	-64.8	99.9	264.8	28.0	27.9	2.5	598.6	999.9	99.9	999.9	149.0	70.
95.7	156.0	25170.2	22.0	-65.3	99.9	999.9	99.9	99.9	99.9	619.1	999.9	99.9	999.9	999.9	999.
98.5	157.0	26060.0	19.0	-66.5	99.9	999.9	99.9	99.9	99.9	641.9	999.9	99.9	999.9	999.9	999.
102.0	158.0	26735.4	17.0	-65.1	99.9	999.9	99.9	99.9	99.9	667.1	999.9	99.9	999.9	999.9	999.

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
515 GMT

154 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	298.0	972.3	1.6	0.4	270.0	4.1	4.1	3.0	277.5	287.9	4.1	92.0	0.0	0.
0.1	8.0	308.8	971.0	1.3	0.2	263.0	4.7	4.6	0.6	277.3	287.6	4.0	92.4	0.3	83.
0.4	9.0	408.9	959.0	0.8	0.3	263.0	4.7	4.6	0.6	277.8	288.7	4.2	100.4	0.3	83.
0.8	10.0	501.6	948.0	0.0	0.0	269.5	6.5	6.5	0.1	277.9	288.3	4.1	100.2	0.4	83.
1.3	11.0	629.3	933.0	-1.1	-1.1	274.6	10.0	10.0	-0.8	278.0	287.8	3.8	100.1	0.6	87.
1.6	12.0	723.9	922.0	-1.6	-1.6	274.9	11.3	11.3	-1.0	278.4	288.0	3.7	100.0	0.8	89.
1.9	13.0	819.5	911.0	-1.9	-1.9	272.3	10.8	10.7	-0.4	279.1	288.6	3.7	100.0	1.0	91.
2.4	14.0	916.2	900.0	-2.5	-2.5	267.2	11.4	11.4	0.6	279.4	288.6	3.5	99.9	1.3	90.
2.7	15.0	1013.8	889.0	-3.0	-3.0	266.0	12.2	12.2	0.8	279.9	288.9	3.5	99.8	1.6	90.
3.1	16.0	1139.7	875.0	-3.1	-3.1	266.0	12.9	12.9	0.9	281.0	290.1	3.5	99.8	1.9	89.
3.5	17.0	1249.0	863.0	-3.4	-3.5	267.0	12.2	12.2	0.6	281.8	290.9	3.4	99.8	2.2	88.
3.8	18.0	1341.3	853.0	-3.4	-3.5	266.4	11.8	11.8	0.7	282.7	291.9	3.5	99.8	2.4	88.
4.2	19.0	1444.1	842.0	-3.6	-3.6	264.7	11.7	11.6	1.1	283.6	292.9	3.5	99.7	2.7	88.
4.6	20.0	1548.1	831.0	-3.6	-3.6	262.3	12.1	12.0	1.6	284.7	294.1	3.5	99.7	2.9	88.
5.0	21.0	1672.8	818.0	-4.0	-4.1	259.8	12.8	12.6	2.3	285.5	294.8	3.5	99.7	3.2	87.
5.3	22.0	1779.6	807.0	-4.5	-4.5	255.1	12.3	11.9	3.2	286.1	295.2	3.4	99.6	3.5	87.
5.7	23.0	1877.9	797.0	-4.9	-5.0	252.2	12.5	11.9	3.8	286.6	295.6	3.3	99.5	3.8	85.
6.1	24.0	1977.2	787.0	-5.4	-5.5	253.9	13.6	13.1	3.8	287.1	295.9	3.2	99.5	4.0	84.
6.4	25.0	2087.7	776.0	-5.9	-5.9	257.1	14.8	14.4	3.3	287.8	296.4	3.2	99.4	4.3	84.
6.8	26.0	2209.8	764.0	-6.3	-6.4	256.5	15.2	14.7	3.5	288.6	297.1	3.1	99.3	4.7	83.
7.2	27.0	2312.9	754.0	-6.9	-7.0	256.2	15.2	14.7	3.6	289.0	297.3	3.0	99.3	5.0	83.
7.5	28.0	2417.1	744.0	-7.3	-7.4	257.2	15.1	14.8	3.4	289.6	297.7	2.9	99.2	5.3	82.
7.8	29.0	2522.5	734.0	-8.2	-8.3	257.7	15.0	14.7	3.2	289.8	297.5	2.8	99.1	5.6	82.
8.1	30.0	2628.9	724.0	-9.0	-9.1	258.1	14.9	14.6	3.1	290.1	297.5	2.7	99.0	5.9	82.
8.5	31.0	2736.7	714.0	-9.4	-9.5	258.2	14.8	14.5	3.0	290.8	298.0	2.6	98.9	6.2	82.
8.8	32.0	2845.6	704.0	-10.1	-10.3	257.5	14.6	14.3	3.2	291.1	298.1	2.5	98.8	6.5	82.
9.1	33.0	2944.8	695.0	-10.8	-11.0	256.7	14.5	14.1	3.3	291.4	298.1	2.4	98.7	6.8	82.
9.5	34.0	3056.2	685.0	-11.4	-11.6	255.2	14.5	14.0	3.7	291.9	298.4	2.3	98.4	7.0	81.
9.8	35.0	3157.6	676.0	-12.2	-12.6	254.6	14.9	14.4	4.0	292.1	298.2	2.1	97.4	7.3	81.
10.3	36.0	3294.5	664.0	-12.8	-13.2	254.3	15.5	14.9	4.2	292.9	298.9	2.1	96.8	7.8	81.
10.6	37.0	3398.5	655.0	-13.7	-14.1	254.7	15.7	15.2	4.1	293.1	298.7	2.0	96.3	8.1	80.
10.9	38.0	3503.7	646.0	-14.2	-14.7	255.5	15.6	15.1	3.9	293.6	299.1	1.9	96.2	8.4	80.
11.3	39.0	3610.0	637.0	-15.0	-15.5	256.9	15.3	14.9	3.5	293.8	299.0	1.8	95.9	8.7	80.
11.7	40.0	3717.6	628.0	-15.7	-16.3	257.7	15.1	14.7	3.2	294.2	299.2	1.7	95.2	9.1	80.
12.1	41.0	3838.6	618.0	-16.4	-17.1	257.3	15.1	14.7	3.3	294.8	299.5	1.6	94.4	9.4	80.
12.4	42.0	3948.8	609.0	-17.2	-18.1	256.0	15.1	14.7	3.7	295.1	299.5	1.5	92.9	9.7	80.
12.8	43.0	4060.3	600.0	-18.2	-19.2	253.9	15.1	14.6	4.2	295.2	299.3	1.4	92.0	10.1	80.
13.2	44.0	4173.1	591.0	-19.0	-20.1	252.2	15.1	14.4	4.6	295.5	299.4	1.3	91.2	10.4	79.
13.5	45.0	4274.5	583.0	-19.7	-20.8	251.3	15.2	14.4	4.9	295.9	299.6	1.2	90.4	10.7	79.
13.9	46.0	4389.8	574.0	-20.6	-21.9	251.3	15.2	14.4	4.9	296.1	299.5	1.2	89.8	11.1	79.
14.2	47.0	4493.5	566.0	-21.6	-22.8	252.0	15.4	14.7	4.7	296.1	299.4	1.1	89.4	11.3	79.
14.7	48.0	4598.3	558.0	-22.4	-23.7	254.0	16.1	15.5	4.4	296.4	299.5	1.0	89.2	11.8	78.
15.0	49.0	4704.3	550.0	-23.3	-24.5	255.5	16.7	16.1	4.2	296.5	299.4	0.9	88.8	12.1	78.
15.3	50.0	4811.3	542.0	-24.4	-25.9	256.9	16.7	16.3	3.8	296.5	299.1	0.9	87.4	12.4	78.
15.8	51.0	4946.9	532.0	-25.0	-26.6	259.2	16.1	15.9	3.0	297.3	299.7	0.8	86.3	12.9	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
515 GMT

154 19. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.2	52.0	5056.9	524.0	-25.8	-27.7	260.6	15.3	15.1	2.5	297.6	299.9	0.7	84.0	13.3	78.
16.6	53.0	5168.1	516.0	-27.0	-29.4	261.2	14.4	14.2	2.2	297.4	299.4	0.6	79.6	13.6	79.
16.9	54.0	5280.6	508.0	-27.9	-31.2	260.8	13.8	13.7	2.2	297.6	299.4	0.5	73.3	13.9	79.
17.3	55.0	5380.1	501.0	-28.9	-32.1	259.9	13.1	12.9	2.3	297.7	299.3	0.5	73.5	14.2	79.
17.7	56.0	5509.6	492.0	-29.8	-33.0	259.0	12.7	12.5	2.4	298.1	299.6	0.5	73.7	14.5	79.
18.1	57.0	5626.2	484.0	-31.0	-34.0	258.5	12.7	12.4	2.5	298.0	299.4	0.4	74.4	14.8	79.
18.5	58.0	5729.4	477.0	-31.8	-34.5	258.0	13.2	12.9	2.7	298.3	299.7	0.4	76.8	15.1	79.
18.8	59.0	5848.8	469.0	-32.7	-35.1	257.5	13.3	13.0	2.9	298.6	299.9	0.4	78.5	15.4	79.
19.1	60.0	5954.5	462.0	-33.8	-36.2	257.1	13.4	13.0	3.0	298.5	299.7	0.4	78.2	15.6	79.
19.5	61.0	6076.7	454.0	-34.8	-37.3	256.5	13.0	12.6	3.0	298.7	299.8	0.3	78.0	16.0	78.
19.9	62.0	6185.0	447.0	-35.8	-38.8	255.9	12.6	12.3	3.1	298.8	299.8	0.3	73.4	16.2	78.
20.2	63.0	6294.4	440.0	-37.1	-40.6	255.6	12.4	12.0	3.1	298.5	299.3	0.2	69.3	16.4	78.
20.6	64.0	6405.1	433.0	-37.9	-42.0	255.5	11.9	11.5	3.0	298.8	299.5	0.2	65.3	16.8	78.
21.0	65.0	6517.2	426.0	-39.0	-43.1	256.2	11.4	11.1	2.7	298.8	299.5	0.2	64.6	17.1	78.
21.6	66.0	6646.9	418.0	-40.1	99.9	258.2	12.0	11.7	2.4	299.1	999.9	99.9	999.9	17.4	78.
21.9	67.0	6761.9	411.0	-41.3	99.9	258.7	12.5	12.2	2.5	298.9	999.9	99.9	999.9	17.7	78.
22.3	68.0	6878.2	404.0	-42.5	99.9	257.7	12.3	12.0	2.6	299.0	999.9	99.9	999.9	18.0	78.
22.6	69.0	6979.2	398.0	-43.3	99.9	256.2	11.8	11.5	2.8	299.2	999.9	99.9	999.9	18.2	78.
23.1	70.0	7098.3	391.0	-44.4	99.9	251.7	10.7	10.2	3.4	299.2	999.9	99.9	999.9	18.6	78.
23.7	71.0	7236.5	383.0	-45.6	99.9	247.6	11.4	10.6	4.4	299.5	999.9	99.9	999.9	18.9	78.
24.1	72.0	7341.6	377.0	-46.1	99.9	246.7	13.1	12.0	5.2	300.1	999.9	99.9	999.9	19.1	78.
24.5	73.0	7465.5	370.0	-47.2	99.9	246.2	15.3	14.0	5.2	300.3	999.9	99.9	999.9	19.5	78.
24.9	74.0	7574.1	364.0	-47.6	99.9	245.6	17.9	16.3	7.4	301.1	999.9	99.9	999.9	19.9	77.
25.3	75.0	7683.7	358.0	-48.2	99.9	244.9	20.7	18.7	8.8	301.8	999.9	99.9	999.9	20.3	77.
25.7	76.0	7795.1	352.0	-48.2	99.9	244.1	23.6	21.2	10.3	303.3	999.9	99.9	999.9	20.8	77.
26.2	77.0	7908.3	346.0	-48.5	99.9	243.2	26.9	24.0	12.1	304.3	999.9	99.9	999.9	21.6	76.
26.6	78.0	8023.4	340.0	-48.5	99.9	242.7	28.9	25.7	13.2	305.9	999.9	99.9	999.9	22.3	76.
27.0	79.0	8140.4	334.0	-48.9	99.9	242.5	30.3	26.9	14.0	306.8	999.9	99.9	999.9	23.0	76.
27.5	80.0	8259.4	328.0	-49.1	99.9	242.4	31.9	28.2	14.8	308.2	999.9	99.9	999.9	23.8	75.
28.0	81.0	8401.0	321.0	-49.2	99.9	242.1	33.1	29.2	15.5	309.9	999.9	99.9	999.9	24.9	75.
28.4	82.0	8524.5	315.0	-50.0	99.9	242.0	33.8	29.8	15.9	310.5	999.9	99.9	999.9	25.6	74.
28.9	83.0	8629.1	310.0	-50.1	99.9	242.6	35.5	31.6	16.3	311.8	999.9	99.9	999.9	26.6	74.
29.4	84.0	8756.8	304.0	-50.0	99.9	243.6	37.7	33.8	16.8	313.7	999.9	99.9	999.9	27.6	73.
29.9	85.0	8887.0	298.0	-50.4	99.9	243.6	38.6	34.5	17.2	314.9	999.9	99.9	999.9	28.9	73.
30.4	86.0	9019.6	292.0	-50.4	99.9	242.4	37.9	33.6	17.5	316.7	999.9	99.9	999.9	30.0	73.
30.9	87.0	9132.3	287.0	-50.6	99.9	241.3	37.8	33.2	18.1	318.1	999.9	99.9	999.9	31.1	72.
31.5	88.0	9269.9	281.0	-50.7	99.9	241.3	39.6	34.7	19.0	319.8	999.9	99.9	999.9	32.2	72.
31.9	89.0	9386.9	276.0	-50.7	99.9	242.1	40.6	35.8	19.0	321.4	999.9	99.9	999.9	33.5	71.
32.4	90.0	9506.0	271.0	-50.7	99.9	243.3	41.7	37.2	18.7	323.1	999.9	99.9	999.9	34.6	71.
32.9	91.0	9627.3	266.0	-50.6	99.9	243.9	42.6	38.3	18.7	325.0	999.9	99.9	999.9	35.7	71.
33.4	92.0	9751.1	261.0	-50.4	99.9	243.0	41.6	37.1	18.9	327.0	999.9	99.9	999.9	37.4	71.
33.8	93.0	9877.1	256.0	-50.9	99.9	241.5	40.6	35.7	19.4	328.2	999.9	99.9	999.9	38.1	70.
34.3	94.0	10005.5	251.0	-51.2	99.9	239.7	40.3	34.8	20.3	329.6	999.9	99.9	999.9	39.2	70.
34.8	95.0	10136.2	246.0	-51.4	99.9	238.5	39.5	33.7	20.7	331.2	999.9	99.9	999.9	40.6	70.
35.4	96.0	10296.5	240.0	-51.7	99.9	238.5	39.1	33.3	20.4	333.1	999.9	99.9	999.9	41.9	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
515 GMT

154 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.9	97.0	10405.5	236.0	-52.0	99.9	240.2	42.6	37.0	21.2	334.3	999.9	99.9	999.9	42.7	69.
36.5	98.0	10544.3	231.0	-51.7	99.9	241.0	44.7	39.1	21.7	336.8	999.9	99.9	999.9	45.0	69.
36.9	99.0	10657.5	227.0	-52.0	99.9	240.0	42.2	36.5	21.1	338.0	999.9	99.9	999.9	45.8	69.
37.5	100.0	10801.8	222.0	-52.0	99.9	238.7	41.0	35.0	21.3	340.2	999.9	99.9	999.9	46.9	68.
38.2	101.0	10949.4	217.0	-52.0	99.9	237.6	43.6	36.8	23.3	342.4	999.9	99.9	999.9	48.9	68.
38.7	102.0	11100.5	212.0	-51.7	99.9	236.9	45.2	37.9	24.7	345.2	999.9	99.9	999.9	50.1	68.
39.2	103.0	11224.0	208.0	-52.0	99.9	236.6	46.3	38.7	25.5	346.6	999.9	99.9	999.9	51.5	67.
39.8	104.0	11349.6	204.0	-52.0	99.9	237.1	46.5	39.0	25.2	348.5	999.9	99.9	999.9	53.2	67.
40.4	105.0	11510.4	199.0	-52.3	99.9	238.8	48.0	41.1	24.9	350.5	999.9	99.9	999.9	54.7	67.
40.9	106.0	11641.6	195.0	-52.9	99.9	240.4	49.7	43.2	24.5	351.5	999.9	99.9	999.9	56.3	67.
41.3	107.0	11775.3	191.0	-52.9	99.9	240.9	48.5	42.4	23.6	353.6	999.9	99.9	999.9	57.6	66.
41.9	108.0	11911.8	187.0	-53.1	99.9	240.4	45.3	39.4	22.4	355.5	999.9	99.9	999.9	59.2	66.
42.4	109.0	12051.1	183.0	-53.2	99.9	240.6	47.3	41.2	23.2	357.4	999.9	99.9	999.9	60.5	66.
42.9	110.0	12193.5	179.0	-53.1	99.9	242.0	52.6	46.5	24.7	360.0	999.9	99.9	999.9	61.7	66.
43.6	111.0	12376.1	174.0	-53.2	99.9	244.1	51.0	45.8	22.3	362.6	999.9	99.9	999.9	64.6	66.
44.3	112.0	12525.6	170.0	-53.4	99.9	246.0	39.6*	36.2	16.1	364.8	999.9	99.9	999.9	66.3	66.
44.8	113.0	12640.5	167.0	-53.1	99.9	247.5	35.5*	32.7	13.6	367.2	999.9	99.9	999.9	67.2	66.
45.3	114.0	12796.8	163.0	-53.1	99.9	248.0	35.1*	32.5	13.2	369.7	999.9	99.9	999.9	68.3	66.
45.9	115.0	12956.9	159.0	-53.4	99.9	247.1	37.8*	34.8	14.7	371.8	999.9	99.9	999.9	69.5	66.
46.6	116.0	13120.7	155.0	-53.9	99.9	246.1	43.7*	40.0	17.7	373.7	999.9	99.9	999.9	71.2	66.
47.1	117.0	13288.7	151.0	-53.7	99.9	245.7	46.3*	42.2	19.1	376.8	999.9	99.9	999.9	72.7	66.
47.8	118.0	13417.5	148.0	-54.2	99.9	244.6	45.2*	40.8	19.4	378.2	999.9	99.9	999.9	74.6	66.
48.3	119.0	13593.3	144.0	-54.0	99.9	243.9	41.3*	37.1	18.2	381.4	999.9	99.9	999.9	76.1	66.
48.9	120.0	13728.3	141.0	-54.4	99.9	243.5	36.5*	32.6	16.3	383.2	999.9	99.9	999.9	77.3	66.
49.6	121.0	13866.2	138.0	-54.2	99.9	241.5	36.1*	31.8	17.2	385.8	999.9	99.9	999.9	78.9	66.
50.2	122.0	14054.5	134.0	-55.0	99.9	239.1	35.2*	30.2	18.1	387.6	999.9	99.9	999.9	80.1	66.
50.8	123.0	14199.0	131.0	-55.7	99.9	236.7	29.9*	25.0	16.4	389.0	999.9	99.9	999.9	81.5	66.
51.5	124.0	14346.4	128.0	-56.2	99.9	236.2	28.9*	24.0	16.1	390.7	999.9	99.9	999.9	82.3	65.
52.1	125.0	14497.1	125.0	-56.3	99.9	239.0	35.1*	30.1	18.1	393.0	999.9	99.9	999.9	83.4	65.
52.9	126.0	14755.9	120.0	-57.0	99.9	241.2	34.9*	30.6	16.8	396.4	999.9	99.9	999.9	85.5	65.
53.6	127.0	14916.2	117.0	-57.2	99.9	244.2	33.9*	30.5	14.7	399.0	999.9	99.9	999.9	86.6	65.
54.3	128.0	15080.8	114.0	-56.5	99.9	246.4	33.7*	30.9	13.5	403.2	999.9	99.9	999.9	88.3	65.
54.9	129.0	15250.0	111.0	-56.7	99.9	243.9	34.6*	31.0	15.2	406.0	999.9	99.9	999.9	89.2	65.
55.6	130.0	15423.2	108.0	-57.8	99.9	239.4	33.1*	28.5	16.9	406.9	999.9	99.9	999.9	91.1	65.
56.4	131.0	15600.7	105.0	-58.4	99.9	238.7	32.7*	28.0	17.0	409.2	999.9	99.9	999.9	92.2	65.
56.9	132.0	15783.1	102.0	-58.4	99.9	241.9	37.8*	33.3	17.8	412.7	999.9	99.9	999.9	93.2	65.
57.6	133.0	15970.8	99.0	-58.5	99.9	244.7	38.0*	34.4	16.3	415.9	999.9	99.9	999.9	95.3	65.
58.2	134.0	16163.9	96.0	-59.2	99.9	245.8	31.7*	28.9	13.0	418.2	999.9	99.9	999.9	96.4	65.
58.9	135.0	16362.4	93.0	-60.3	99.9	248.4	27.3*	25.4	10.0	419.9	999.9	99.9	999.9	97.5	65.
59.7	136.0	16566.7	90.0	-60.6	99.9	248.1	26.8*	24.9	10.0	423.1	999.9	99.9	999.9	98.8	65.
60.6	137.0	16849.5	86.0	-60.8	99.9	245.4	24.4*	22.2	10.1	428.3	999.9	99.9	999.9	100.3	65.
61.7	138.0	17070.4	83.0	-60.6	99.9	245.1	22.7*	20.6	9.5	433.0	999.9	99.9	999.9	101.7	65.
62.6	139.0	17298.9	80.0	-61.9	99.9	244.5	31.2*	28.2	13.4	435.0	999.9	99.9	999.9	102.9	65.
63.5	140.0	17535.4	77.0	-61.9	99.9	242.0	36.1*	31.8	16.9	439.8	999.9	99.9	999.9	105.4	65.
64.5	141.0	17781.7	74.0	-61.2	99.9	247.3	25.4*	23.4	9.8	446.3	999.9	99.9	999.9	106.8	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 7 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
515 GMT

154 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P-T DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.5	142.0	18038.7	71.0	-61.0	99.9	254.4	24.4*	23.5	6.6	452.0	999.9	99.9	999.9	108.3	65.
66.6	143.0	18306.3	68.0	-62.1	99.9	249.4	25.4*	23.8	8.9	455.3	999.9	99.9	999.9	109.9	65.
67.6	144.0	18585.1	65.0	-62.3	99.9	255.3	26.4*	25.5	6.7	460.8	999.9	99.9	999.9	111.5	65.
68.7	145.0	18876.4	62.0	-63.1	99.9	257.4	26.6*	25.9	5.8	465.4	999.9	99.9	999.9	113.2	65.
69.8	146.0	19180.8	59.0	-64.2	99.9	254.1	26.2*	25.2	7.2	469.4	999.9	99.9	999.9	114.9	66.
71.0	147.0	19500.2	56.0	-64.2	99.9	255.9	25.4*	24.7	6.2	476.5	999.9	99.9	999.9	116.7	66.
72.3	148.0	19836.7	53.0	-64.8	99.9	257.0	26.0*	25.4	5.9	482.7	999.9	99.9	999.9	118.7	66.
73.6	149.0	20192.8	50.0	-64.2	99.9	258.1	28.2*	27.6	5.8	492.2	999.9	99.9	999.9	120.7	66.
74.8	150.0	20570.1	47.0	-65.8	99.9	262.2	24.3*	24.1	3.3	497.2	999.9	99.9	999.9	122.8	66.
76.2	151.0	20833.7	45.0	-66.6	99.9	290.6	13.7*	12.8	-4.8	501.4	999.9	99.9	999.9	123.9	67.
77.6	152.0	21251.3	42.0	-66.4	99.9	254.2	26.0*	25.0	7.1	511.9	999.9	99.9	999.9	125.5	67.
79.2	153.0	21699.2	39.0	-67.2	99.9	261.2	27.5*	27.1	4.2	520.8	999.9	99.9	999.9	128.0	67.
80.9	154.0	22183.2	36.0	-66.2	99.9	266.4	23.5*	23.4	1.5	535.5	999.9	99.9	999.9	130.7	67.
82.7	155.0	22530.5	34.0	-65.2	99.9	260.5	23.6*	23.3	3.9	547.0	999.9	99.9	999.9	132.7	68.
84.6	156.0	23094.2	31.0	-64.0	99.9	259.8	28.1*	27.7	5.0	564.8	999.9	99.9	999.9	135.2	68.
86.7	157.0	23717.4	28.0	-64.6	99.9	267.8	30.7*	30.6	1.2	579.9	999.9	99.9	999.9	139.3	69.
88.8	158.0	24410.4	25.0	-64.2	99.9	266.8	31.3*	31.2	1.8	600.1	999.9	99.9	999.9	143.1	69.
91.3	159.0	25191.3	22.0	-65.0	99.9	266.2	29.4*	29.3	1.9	620.1	999.9	99.9	999.9	147.4	69.
94.3	160.0	26086.9	19.0	-64.2	99.9	999.9	99.9	99.9	99.9	649.1	999.9	99.9	999.9	999.9	999.

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1115 GMT

154 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	298.0	973.0	0.6	-0.8	280.0	6.7	6.6	-1.2	276.4	285.9	3.7	90.0	0.0	0.
0.1	8.0	306.3	972.0	0.7	-1.1	272.0	14.9	14.9	-0.5	276.5	285.9	3.6	88.1	0.3	104.
0.3	9.0	406.0	960.0	0.0	-0.9	272.0	14.9	14.9	-0.5	276.9	286.5	3.7	93.6	0.3	104.
0.5	10.0	498.2	949.0	-1.2	-1.7	272.0	14.9	14.9	-0.5	276.5	285.6	3.6	96.4	0.3	104.
1.0	11.0	616.7	935.0	-2.0	-2.1	275.5	14.3	14.2	-1.4	276.8	285.9	3.5	99.8	0.7	97.
1.4	12.0	719.3	923.0	-2.8	-2.8	278.0	14.1	14.0	-2.0	277.0	285.8	3.4	100.2	1.0	97.
1.8	13.0	814.3	912.0	-3.4	-3.4	278.3	14.2	14.0	-2.0	277.3	285.8	3.3	100.1	1.4	98.
2.1	14.0	910.3	901.0	-3.9	-3.9	278.9	14.1	14.0	-2.2	277.8	286.1	3.2	100.0	1.6	98.
2.4	15.0	1007.3	890.0	-4.4	-4.4	281.7	13.8	13.5	-2.8	278.3	286.4	3.1	99.9	1.9	98.
2.9	16.0	1123.1	877.0	-5.4	-5.4	285.2	14.0	13.5	-3.7	278.3	286.0	2.9	99.8	2.3	99.
3.2	17.0	1231.3	865.0	-5.7	-5.7	285.1	14.1	13.6	-3.7	279.1	286.7	2.9	99.7	2.6	100.
3.5	18.0	1322.5	855.0	-6.2	-6.2	284.0	14.1	13.7	-3.4	279.6	287.0	2.8	99.7	2.8	100.
3.9	19.0	1423.7	844.0	-6.9	-7.0	284.8	14.1	13.7	-3.6	279.8	287.0	2.7	99.6	3.1	101.
4.2	20.0	1516.7	834.0	-7.8	-7.9	284.2	14.1	13.6	-3.4	279.8	286.6	2.5	99.4	3.4	101.
4.6	21.0	1639.1	821.0	-7.2	-7.3	281.1	14.2	13.9	-2.7	281.7	288.9	2.7	99.5	3.7	101.
5.0	22.0	1744.6	810.0	-6.0	-6.1	274.3	15.4	15.4	-1.2	284.1	292.2	3.0	99.7	4.1	101.
5.3	23.0	1851.8	799.0	-6.0	-6.1	272.2	15.4	15.4	-0.6	285.2	293.5	3.0	99.7	4.4	100.
5.6	24.0	1950.4	789.0	-6.6	-7.0	270.9	14.8	14.8	-0.2	285.6	293.4	2.9	97.1	4.7	100.
6.0	25.0	2060.1	778.0	-7.2	-8.0	271.3	12.4	12.4	-0.3	286.1	293.4	2.7	93.9	5.0	99.
6.4	26.0	2181.1	766.0	-8.1	-9.0	272.3	12.9	12.9	-0.5	286.4	293.3	2.5	92.8	5.2	99.
6.8	27.0	2283.2	756.0	-8.5	-9.4	272.4	13.3	13.3	-0.6	287.0	293.8	2.5	93.3	5.6	98.
7.0	28.0	2386.4	746.0	-9.4	-10.5	272.3	13.5	13.5	-0.5	287.1	293.5	2.3	92.0	5.7	98.
7.4	29.0	2490.8	736.0	-9.7	-10.9	271.2	14.0	14.0	-0.3	287.9	294.2	2.3	90.9	6.0	98.
7.8	30.0	2596.4	726.0	-10.1	-11.1	270.1	14.4	14.4	-0.0	288.5	294.8	2.2	92.2	6.4	98.
8.0	31.0	2692.6	717.0	-10.6	-11.4	269.6	14.6	14.6	0.1	289.1	295.3	2.2	93.4	6.6	97.
8.4	32.0	2800.6	707.0	-11.1	-11.9	269.3	14.9	14.9	0.2	289.6	295.7	2.2	93.8	6.9	97.
8.7	33.0	2899.0	698.0	-11.6	-12.2	269.3	15.3	15.3	0.2	290.2	296.2	2.1	95.0	7.2	97.
9.0	34.0	3009.5	688.0	-12.4	-13.1	269.5	15.7	15.7	0.1	290.4	296.2	2.0	94.7	7.5	96.
9.3	35.0	3110.1	679.0	-13.0	-13.8	270.1	16.2	16.2	-0.0	290.9	296.4	1.9	93.7	7.7	96.
9.8	36.0	3245.9	667.0	-13.7	-14.6	270.9	16.6	16.6	-0.3	291.5	296.8	1.8	92.6	8.2	96.
10.2	37.0	3349.2	658.0	-14.2	-15.3	270.8	16.3	16.3	-0.2	292.0	297.1	1.8	91.3	8.7	96.
10.5	38.0	3465.2	648.0	-15.2	-16.4	270.3	15.8	15.8	-0.1	292.2	296.9	1.6	90.1	9.0	96.
10.9	39.0	3559.1	640.0	-15.6	-16.9	268.3	15.4	15.4	0.5	292.8	297.4	1.6	89.9	9.3	95.
11.2	40.0	3665.9	631.0	-16.4	-17.7	266.5	15.5	15.4	1.0	293.0	297.4	1.5	89.6	9.6	95.
11.7	41.0	3798.1	620.0	-17.0	-18.4	263.4	15.6	15.5	1.8	293.8	298.1	1.4	88.9	10.0	95.
12.0	42.0	3907.7	611.0	-18.0	-19.7	261.7	15.5	15.4	2.2	293.9	297.8	1.3	86.1	10.4	94.
12.4	43.0	4018.5	602.0	-18.6	-20.6	259.9	14.9	14.6	2.6	294.4	298.0	1.2	84.0	10.7	94.
12.8	44.0	4118.2	594.0	-19.4	-22.0	258.4	14.6	14.3	2.9	294.6	297.9	1.1	80.0	11.0	93.
13.2	45.0	4231.6	585.0	-20.1	-23.4	257.2	14.7	14.3	3.3	295.1	298.0	1.0	75.0	11.3	93.
13.5	46.0	4333.5	577.0	-21.1	-24.7	256.4	15.0	14.5	3.5	295.1	297.8	0.9	71.9	11.6	93.
13.9	47.0	4449.5	568.0	-21.6	-25.5	255.9	15.0	14.6	3.6	295.8	298.4	0.8	70.5	11.9	92.
14.2	48.0	4540.8	561.0	-22.5	-26.5	255.9	14.8	14.4	3.6	295.7	298.1	0.8	69.8	12.2	92.
14.6	49.0	4659.3	552.0	-23.5	-27.0	256.3	14.6	14.2	3.5	296.0	298.3	0.8	72.6	12.6	91.
15.1	50.0	4765.9	544.0	-24.4	-27.8	257.2	14.6	14.3	3.2	296.1	298.3	0.7	73.1	12.9	91.
15.5	51.0	4901.0	534.0	-25.0	-28.4	258.3	15.0	14.7	3.0	296.9	299.0	0.7	73.2	13.3	90.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1115 GMT

154 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.8	52.0	5010.5	526.0	-26.1	-29.8	259.0	15.2	14.9	2.9	296.9	298.6	0.6	70.9	13.6	90.
16.2	53.0	5121.3	518.0	-26.9	-30.6	259.6	15.4	15.2	2.8	297.3	299.1	0.6	70.6	14.0	90.
16.6	54.0	5219.2	511.0	-28.0	-31.9	259.8	15.8	15.5	2.8	297.1	298.7	0.5	68.9	14.3	90.
17.0	55.0	5332.3	503.0	-29.0	-32.8	259.9	16.5	16.3	2.9	297.2	298.7	0.5	69.4	14.6	89.
17.4	56.0	5475.7	493.0	-29.9	-33.6	260.1	16.9	16.7	2.9	297.8	299.2	0.4	70.0	15.1	89.
17.8	57.0	5577.4	486.0	-31.0	-34.9	260.3	16.6	16.4	2.8	297.7	299.0	0.4	68.1	15.5	89.
18.1	58.0	5694.9	478.0	-32.0	-36.3	260.5	16.1	15.9	2.7	297.8	298.9	0.4	65.5	15.8	89.
18.5	59.0	5798.9	471.0	-32.8	-37.8	261.0	15.3	15.1	2.4	298.0	299.0	0.3	60.4	16.2	88.
18.9	60.0	5904.1	464.0	-34.0	-40.3	262.4	15.3	15.2	2.0	297.8	298.6	0.2	52.7	16.5	88.
19.2	61.0	6025.7	456.0	-34.8	-42.3	263.3	15.6	15.5	1.8	298.3	299.0	0.2	46.0	16.8	88.
19.6	62.0	6133.5	449.0	-35.8	-43.8	263.9	16.1	16.0	1.7	298.5	299.0	0.2	43.1	17.2	88.
19.9	63.0	6242.5	442.0	-37.0	-45.2	263.6	16.3	16.2	1.8	298.3	298.8	0.1	41.6	17.5	88.
20.2	64.0	6352.7	435.0	-38.0	-46.1	263.1	16.0	15.8	1.9	298.3	298.7	0.1	42.1	17.8	88.
20.5	65.0	6464.2	428.0	-39.0	-46.9	262.3	15.4	15.3	2.1	298.5	298.9	0.1	42.2	18.1	88.
21.0	66.0	6593.3	420.0	-40.2	99.9	261.6	14.3	14.2	2.1	298.6	999.9	99.9	999.9	18.5	88.
21.4	67.0	6707.7	413.0	-41.3	99.9	262.2	13.9	13.8	1.9	298.6	999.9	99.9	999.9	18.8	88.
21.8	68.0	6823.6	406.0	-42.3	99.9	263.7	13.7	13.6	1.5	298.8	999.9	99.9	999.9	19.2	88.
22.2	69.0	6940.9	399.0	-43.4	99.9	265.4	13.5	13.4	1.1	298.8	999.9	99.9	999.9	19.5	87.
22.6	70.0	7042.7	393.0	-44.2	99.9	267.3	13.4	13.3	0.6	299.0	999.9	99.9	999.9	19.8	87.
23.1	71.0	7180.3	385.0	-45.4	99.9	269.8	13.3	13.3	0.1	299.3	999.9	99.9	999.9	20.2	87.
23.5	72.0	7284.8	379.0	-46.5	99.9	272.3	13.4	13.4	-0.5	299.1	999.9	99.9	999.9	20.5	87.
23.9	73.0	7408.3	372.0	-47.5	99.9	275.5	13.3	13.2	-1.3	299.4	999.9	99.9	999.9	20.9	88.
24.3	74.0	7515.5	366.0	-48.7	99.9	279.1	13.0	12.8	-2.0	299.2	999.9	99.9	999.9	21.2	88.
24.7	75.0	7623.9	360.0	-49.7	99.9	281.8	12.8	12.5	-2.6	299.2	999.9	99.9	999.9	21.5	88.
25.3	76.0	7733.7	354.0	-50.6	99.9	280.8	13.3	13.1	-2.5	299.5	999.9	99.9	999.9	21.9	88.
25.6	77.0	7844.8	348.0	-51.7	99.9	277.6	13.9	13.8	-1.8	299.5	999.9	99.9	999.9	22.1	88.
26.0	78.0	7957.5	342.0	-52.2	99.9	271.1	15.2	15.2	-0.3	300.4	999.9	99.9	999.9	22.5	89.
26.4	79.0	8072.0	336.0	-52.5	99.9	266.1	17.5	17.5	1.2	301.5	999.9	99.9	999.9	22.8	89.
26.9	80.0	8188.4	330.0	-52.8	99.9	263.5	20.4	20.3	2.3	302.6	999.9	99.9	999.9	23.4	88.
27.3	81.0	8326.9	323.0	-52.2	99.9	262.2	21.6	21.4	2.9	305.3	999.9	99.9	999.9	24.0	88.
27.8	82.0	8448.4	317.0	-51.9	99.9	259.2	21.9	21.5	4.1	307.4	999.9	99.9	999.9	24.7	88.
28.2	83.0	8572.2	311.0	-52.0	99.9	255.8	22.1	21.4	5.4	308.9	999.9	99.9	999.9	25.1	88.
28.8	84.0	8677.1	306.0	-52.3	99.9	251.8	23.5	22.3	7.3	309.9	999.9	99.9	999.9	25.9	87.
29.3	85.0	8805.2	300.0	-52.5	99.9	250.6	25.1	23.7	8.3	311.4	999.9	99.9	999.9	26.6	87.
29.9	86.0	8935.8	294.0	-52.2	99.9	250.6	27.6	26.1	9.2	313.6	999.9	99.9	999.9	27.5	86.
30.4	87.0	9069.3	288.0	-52.3	99.9	250.3	30.5	28.7	10.3	315.3	999.9	99.9	999.9	28.3	86.
30.9	88.0	9182.5	283.0	-52.3	99.9	249.9	33.0	31.0	11.3	316.9	999.9	99.9	999.9	29.2	85.
31.3	89.0	9297.9	278.0	-52.0	99.9	249.8	33.7	31.7	11.6	318.9	999.9	99.9	999.9	30.1	85.
31.8	90.0	9439.4	272.0	-51.6	99.9	250.2	33.2	31.3	11.2	321.6	999.9	99.9	999.9	31.1	84.
32.3	91.0	9559.9	267.0	-51.4	99.9	250.7	32.7	30.9	10.8	323.5	999.9	99.9	999.9	32.0	84.
32.8	92.0	9682.7	262.0	-51.1	99.9	250.2	33.8	31.8	11.4	325.7	999.9	99.9	999.9	32.9	84.
33.2	93.0	9807.8	257.0	-52.0	99.9	249.1	34.9	32.6	12.4	326.2	999.9	99.9	999.9	33.7	83.
33.6	94.0	9935.0	252.0	-52.3	99.9	247.9	35.5	32.9	13.3	327.5	999.9	99.9	999.9	34.7	83.
34.1	95.0	10064.6	247.0	-52.2	99.9	247.2	35.2	32.5	13.6	329.7	999.9	99.9	999.9	35.6	83.
34.8	96.0	10223.8	241.0	-52.3	99.9	248.5	36.0	33.5	13.2	331.8	999.9	99.9	999.9	37.0	82.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN U AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1115 GMT

154 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.3	97.0	10332.0	237.0	-52.5	99.9	249.1	37.6	35.1	13.4	333.1	999.9	99.9	999.9	38.1	82.
35.9	98.0	10469.7	232.0	-52.8	99.9	249.6	40.1	37.6	14.0	334.7	999.9	99.9	999.9	39.5	81.
36.3	99.0	10582.1	228.0	-52.3	99.9	250.8	42.1	39.7	13.9	337.1	999.9	99.9	999.9	40.4	81.
36.9	100.0	10725.5	223.0	-52.3	99.9	252.7	44.7	42.7	13.3	339.2	999.9	99.9	999.9	41.9	81.
37.5	101.0	10872.1	218.0	-52.5	99.9	253.2	45.2	43.3	13.1	341.2	999.9	99.9	999.9	43.7	80.
38.0	102.0	11022.1	213.0	-52.5	99.9	252.0	43.7	41.6	13.5	343.4	999.9	99.9	999.9	44.9	80.
38.5	103.0	11175.7	208.0	-52.5	99.9	250.7	41.8	39.5	13.8	345.8	999.9	99.9	999.9	46.3	80.
39.1	104.0	11269.6	205.0	-52.3	99.9	249.2	38.6	36.1	13.7	347.5	999.9	99.9	999.9	47.6	80.
39.6	105.0	11429.3	200.0	-52.5	99.9	247.5	34.5	31.9	13.2	349.7	999.9	99.9	999.9	48.9	79.
40.2	106.0	11559.9	196.0	-52.5	99.9	245.8	32.9	30.0	13.5	351.7	999.9	99.9	999.9	49.8	79.
40.8	107.0	11693.1	192.0	-52.6	99.9	246.5	37.4	34.3	14.9	353.5	999.9	99.9	999.9	50.9	79.
41.3	108.0	11829.0	188.0	-52.8	99.9	247.1	39.8	36.6	15.5	355.4	999.9	99.9	999.9	52.3	78.
41.9	109.0	11967.7	184.0	-53.1	99.9	247.0	38.3	35.2	15.0	357.1	999.9	99.9	999.9	53.7	78.
42.4	110.0	12109.3	180.0	-53.4	99.9	246.1	37.8	34.5	15.3	358.8	999.9	99.9	999.9	54.7	78.
42.1	111.0	12290.8	175.0	-53.1	99.9	243.5	39.7	35.5	17.7	362.3	999.9	99.9	999.9	56.3	78.
43.8	112.0	12402.0	172.0	-53.7	99.9	240.8	42.1	36.8	20.6	363.0	999.9	99.9	999.9	58.0	77.
44.3	113.0	12553.4	168.0	-53.4	99.9	241.0	45.0	39.4	21.8	366.0	999.9	99.9	999.9	59.1	77.
44.9	114.0	12708.3	164.0	-53.9	99.9	242.1	45.9	40.6	21.5	367.7	999.9	99.9	999.9	60.9	76.
45.3	115.0	12866.8	160.0	-54.2	99.9	242.3	42.7	37.8	19.9	369.8	999.9	99.9	999.9	62.1	76.
45.9	116.0	13029.3	156.0	-53.9	99.9	243.9	38.3	34.4	16.8	373.0	999.9	99.9	999.9	63.2	76.
46.4	117.0	13196.2	152.0	-53.6	99.9	246.6	39.0	35.8	15.5	376.4	999.9	99.9	999.9	64.4	76.
47.0	118.0	13324.4	149.0	-53.6	99.9	248.2	42.2	39.2	15.7	378.5	999.9	99.9	999.9	65.7	75.
47.5	119.0	13499.4	145.0	-53.7	99.9	248.4	43.2	40.2	15.9	381.2	999.9	99.9	999.9	67.2	75.
48.1	120.0	13634.0	142.0	-52.8	99.9	248.4	38.6	35.9	14.2	385.1	999.9	99.9	999.9	68.7	75.
48.6	121.0	13818.7	138.0	-52.2	99.9	247.5	31.7	29.3	12.1	389.4	999.9	99.9	999.9	70.0	75.
49.4	122.0	13960.9	135.0	-52.3	99.9	247.4	31.3	28.9	12.0	391.6	999.9	99.9	999.9	70.8	75.
50.0	123.0	14106.2	132.0	-52.6	99.9	249.6	38.4	36.0	13.4	393.5	999.9	99.9	999.9	72.1	75.
50.5	124.0	14305.0	128.0	-52.5	99.9	251.3	38.2	36.2	12.3	397.3	999.9	99.9	999.9	73.8	75.
51.2	125.0	14458.2	125.0	-52.8	99.9	252.1	33.9	32.3	10.4	399.4	999.9	99.9	999.9	74.9	75.
52.0	126.0	14668.0	121.0	-53.1	99.9	252.0	32.0	30.4	9.9	402.6	999.9	99.9	999.9	76.4	74.
52.7	127.0	14829.5	118.0	-54.1	99.9	252.7	29.2	27.9	8.7	403.7	999.9	99.9	999.9	77.9	74.
53.4	128.0	14994.3	115.0	-55.2	99.9	250.9	32.9*	31.1	10.8	404.6	999.9	99.9	999.9	78.8	74.
54.1	129.0	15163.2	112.0	-55.0	99.9	248.1	39.0*	36.2	14.6	408.0	999.9	99.9	999.9	80.6	74.
54.7	130.0	15336.5	109.0	-55.3	99.9	244.6	36.5*	32.9	15.7	410.6	999.9	99.9	999.9	82.1	74.
55.4	131.0	15574.0	105.0	-57.3	99.9	240.3	32.6*	28.3	16.2	411.2	999.9	99.9	999.9	83.2	74.
56.1	132.0	15695.3	103.0	-58.0	99.9	240.1	30.5*	26.4	15.2	412.2	999.9	99.9	999.9	84.8	74.
56.9	133.0	15881.3	100.0	-58.9	99.9	242.0	33.5*	29.6	15.7	414.0	999.9	99.9	999.9	85.8	74.
57.5	134.0	16072.6	97.0	-58.5	99.9	242.2	35.1*	31.1	16.4	418.3	999.9	99.9	999.9	87.6	73.
58.2	135.0	16270.1	94.0	-58.7	99.9	239.8	29.5*	25.5	14.9	421.8	999.9	99.9	999.9	88.7	73.
58.1	136.0	16542.7	90.0	-59.5	99.9	236.7	26.4*	22.1	14.5	425.3	999.9	99.9	999.9	90.1	73.
60.0	137.0	16755.2	87.0	-58.7	99.9	242.4	30.4*	26.9	14.1	431.2	999.9	99.9	999.9	91.2	73.
61.0	138.0	16976.4	84.0	-57.3	99.9	243.4	29.8*	26.7	13.3	438.3	999.9	99.9	999.9	93.3	73.
62.0	139.0	17206.0	81.0	-57.8	99.9	245.1	35.2*	32.0	14.9	441.9	999.9	99.9	999.9	95.5	72.
63.1	140.0	17443.4	78.0	-59.0	99.9	249.5	40.2*	37.6	14.1	444.2	999.9	99.9	999.9	97.7	72.
64.1	141.0	17772.5	74.0	-60.4	99.9	247.9	35.5*	32.8	13.4	447.9	999.9	99.9	999.9	100.4	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1115 GMT

154 18. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.2	142.0	18029.8	71.0	-61.3	99.9	251.8	30.3*	28.8	9.5	451.4	999.9	99.9	999.9	101.9	72.
66.3	143.0	18298.3	68.0	-60.4	99.9	257.4	30.5*	29.8	6.6	458.9	999.9	99.9	999.9	104.4	72.
67.4	144.0	18579.9	65.0	-59.7	99.9	254.9	25.4*	24.5	6.6	466.4	999.9	99.9	999.9	105.9	72.
68.4	145.0	18874.4	62.0	-61.0	99.9	252.4	27.0*	25.8	8.2	470.0	999.9	99.9	999.9	107.5	72.
69.5	146.0	19181.7	59.0	-62.2	99.9	252.3	37.7*	35.9	11.5	473.9	999.9	99.9	999.9	109.2	72.
70.6	147.0	19503.3	56.0	-63.4	99.9	252.3	29.5*	28.1	9.0	478.4	999.9	99.9	999.9	112.1	72.
72.0	148.0	19842.7	53.0	-62.1	99.9	254.6	26.2*	25.3	7.0	489.0	999.9	99.9	999.9	114.0	72.
73.1	149.0	20202.6	50.0	-62.4	99.9	257.1	27.5*	26.8	6.1	496.4	999.9	99.9	999.9	116.0	72.
74.5	150.0	20583.0	47.0	-64.1	99.9	257.6	26.7*	26.1	5.8	501.2	999.9	99.9	999.9	118.1	72.
75.8	151.0	20945.3	44.0	-65.7	99.9	262.8	27.7*	27.5	3.5	506.9	999.9	99.9	999.9	120.3	73.
77.3	152.0	21415.3	41.0	-64.9	99.9	264.4	26.0*	25.9	2.6	519.2	999.9	99.9	999.9	122.6	73.
79.0	153.0	21879.0	38.0	-64.7	99.9	263.4	26.5*	26.3	3.0	531.1	999.9	99.9	999.9	125.2	73.
80.7	154.0	22383.6	35.0	-62.6	99.9	269.9	23.6*	23.6	0.0	549.2	999.9	99.9	999.9	127.9	73.
82.5	155.0	22746.8	33.0	-62.2	99.9	254.1	22.3*	21.4	6.1	559.5	999.9	99.9	999.9	129.9	73.
84.5	156.0	23334.2	30.0	-63.2	99.9	258.6	28.0*	27.4	5.6	572.4	999.9	99.9	999.9	133.1	74.
86.5	157.0	23979.9	27.0	-64.7	99.9	258.7	14.0*	13.8	2.8	585.6	999.9	99.9	999.9	136.6	74.
88.9	158.0	24698.7	24.0	-64.9	99.9	258.4	28.6*	28.0	5.7	605.1	999.9	99.9	999.9	139.2	74.
91.3	159.0	25513.6	21.0	-64.7	99.9	263.1	28.8*	28.6	3.5	629.3	999.9	99.9	999.9	142.2	74.
93.5	160.0	26455.7	18.0	-64.3	99.9	999.9	99.9	99.9	99.9	658.9	999.9	99.9	999.9	999.9	999.

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1415 GMT

150 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	298.0	974.8	-0.2	-2.4	280.0	4.1	4.0	-0.7	275.4	283.8	3.3	85.0	0.0	0.
0.3	8.0	345.8	969.0	-0.4	-2.7	268.5	9.8	9.8	0.3	275.6	284.0	3.2	84.9	0.2	77.
0.6	9.0	453.8	956.0	-0.9	-1.9	268.6	9.8	9.8	0.2	276.2	285.2	3.5	93.1	0.3	79.
0.9	10.0	554.5	944.0	-2.3	-3.0	268.8	9.9	9.9	0.2	275.7	284.1	3.3	95.4	0.4	83.
1.4	11.0	681.3	929.0	-4.2	-4.4	270.1	10.0	10.0	-0.0	275.1	282.8	3.0	98.8	0.7	85.
1.7	12.0	783.8	917.0	-4.9	-5.1	270.1	10.3	10.3	-0.0	275.3	282.7	2.8	98.7	0.9	86.
2.1	13.0	887.4	905.0	-5.4	-5.6	269.5	10.6	10.6	0.1	275.9	283.1	2.8	98.6	1.2	87.
2.4	14.0	992.1	893.0	-6.0	-6.2	268.7	10.6	10.6	0.2	276.3	283.3	2.7	98.7	1.4	87.
2.8	15.0	1089.0	882.0	-7.0	-7.2	269.6	10.5	10.5	0.1	276.1	282.8	2.5	98.6	1.6	88.
3.2	16.0	1222.8	867.0	-7.5	-7.7	271.5	10.9	10.9	-0.3	277.0	283.6	2.5	98.5	1.9	88.
3.6	17.0	1322.2	856.0	-8.2	-8.4	272.8	11.6	11.6	-0.6	277.3	283.5	2.4	98.4	2.1	89.
3.9	18.0	1431.8	844.0	-8.8	-9.0	272.5	11.5	11.5	-0.5	277.8	283.9	2.3	98.3	2.4	89.
4.3	19.0	1533.4	833.0	-9.4	-9.6	271.4	10.8	10.8	-0.3	278.2	284.1	2.2	98.2	2.6	89.
4.7	20.0	1636.1	822.0	-10.1	-10.3	271.2	10.6	10.6	-0.2	278.5	284.1	2.1	98.1	2.9	89.
5.2	21.0	1768.8	808.0	-9.2	-9.5	271.9	10.8	10.8	-0.4	280.8	287.0	2.3	98.3	3.2	90.
5.5	22.0	1875.2	797.0	-8.2	-8.4	271.8	10.7	10.6	-0.3	283.0	289.9	2.5	98.4	3.4	90.
5.9	23.0	1983.2	786.0	-8.4	-8.6	268.2	10.0	10.0	0.3	284.0	290.9	2.5	98.4	3.6	90.
6.2	24.0	2092.5	775.0	-9.1	-9.3	266.1	10.4	10.4	0.7	284.3	291.0	2.4	98.3	3.8	90.
6.6	25.0	2193.0	765.0	-9.4	-9.6	265.0	11.5	11.4	1.0	285.1	291.7	2.4	98.2	4.1	89.
7.0	26.0	2325.5	752.0	-9.8	-10.1	266.0	12.2	12.2	0.9	286.0	292.5	2.4	98.2	4.4	89.
7.3	27.0	2439.2	741.0	-10.5	-10.8	266.2	12.4	12.3	0.8	286.4	292.7	2.3	98.1	4.6	89.
7.6	28.0	2543.7	731.0	-11.0	-11.2	266.5	12.5	12.4	0.8	287.0	293.2	2.2	98.0	4.9	89.
8.1	29.0	2660.1	720.0	-12.0	-12.2	267.1	12.6	12.6	0.6	287.2	293.0	2.1	97.9	5.2	89.
8.4	30.0	2767.2	710.0	-12.2	-12.5	267.6	12.8	12.8	0.5	288.0	293.8	2.1	97.8	5.4	89.
8.7	31.0	2875.5	700.0	-13.1	-13.4	267.5	12.9	12.9	0.6	288.2	293.7	1.9	97.7	5.7	89.
9.1	32.0	2985.1	690.0	-13.9	-14.2	266.5	13.1	13.0	0.8	288.4	293.7	1.8	97.6	6.0	89.
9.4	33.0	3095.9	680.0	-14.5	-16.0	264.4	13.1	13.0	1.3	289.0	293.6	1.6	88.2	6.2	89.
9.7	34.0	3208.1	670.0	-15.2	-16.6	262.0	13.3	13.2	1.9	289.4	293.9	1.6	88.8	6.5	88.
10.1	35.0	3310.3	661.0	-15.7	-17.3	259.1	13.9	13.6	2.6	289.9	294.2	1.5	87.5	6.7	88.
10.5	36.0	3448.7	649.0	-15.5	-17.3	257.5	14.8	14.5	3.2	291.8	296.2	1.5	85.6	7.1	87.
10.9	37.0	3565.9	639.0	-15.9	-17.9	256.8	15.7	15.2	3.6	292.6	296.9	1.5	84.5	7.4	87.
11.2	38.0	3672.7	630.0	-16.8	-19.2	256.0	15.9	15.4	3.8	292.7	296.6	1.3	81.7	7.7	87.
11.5	39.0	3780.6	621.0	-17.7	-20.6	255.1	16.0	15.5	4.1	292.9	296.5	1.2	77.9	8.1	86.
11.9	40.0	3902.0	611.0	-18.5	-21.9	253.3	15.5	14.9	4.5	293.3	296.5	1.1	74.1	8.4	86.
12.4	41.0	4037.4	600.0	-19.1	-23.3	251.9	15.2	14.5	4.7	294.0	297.0	1.0	69.3	8.9	85.
12.8	42.0	4149.6	591.0	-20.5	-31.5	252.1	15.6	14.8	4.8	293.7	295.1	0.5	36.5	9.2	84.
13.1	43.0	4263.0	582.0	-21.3	-37.9	252.3	16.1	15.4	4.9	294.0	294.8	0.2	20.6	9.5	84.
13.6	44.0	4377.9	573.0	-21.8	-37.8	252.1	17.3	16.4	5.3	294.7	295.5	0.3	21.9	10.0	84.
13.9	45.0	4481.2	565.0	-22.6	-37.3	251.2	17.6	16.7	5.7	294.9	295.8	0.3	24.7	10.3	83.
14.3	46.0	4598.8	556.0	-23.6	-37.4	249.8	17.7	16.6	6.1	295.2	296.1	0.3	26.6	10.7	83.
14.6	47.0	4718.0	547.0	-24.4	-37.4	249.1	17.6	16.4	6.3	295.6	296.5	0.3	28.4	11.0	82.
15.0	48.0	4825.1	539.0	-25.3	-38.0	248.7	17.4	16.3	6.3	295.8	296.6	0.3	29.1	11.4	82.
15.4	49.0	4933.5	531.0	-26.4	-37.7	249.0	17.5	16.4	6.3	295.8	296.7	0.3	33.1	11.8	81.
15.7	50.0	5056.6	522.0	-27.1	-38.4	249.2	17.6	16.5	6.2	296.3	297.1	0.3	33.1	12.2	81.
16.3	51.0	5195.9	512.0	-28.3	-39.7	249.9	17.7	16.6	6.1	296.5	297.2	0.2	32.5	12.8	80.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1415 GMT

150 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.6	52.0	5308.7	504.0	-29.1	-42.0	250.5	17.8	16.8	6.0	296.8	297.4	0.2	27.2	13.1	80.
17.0	53.0	5422.9	496.0	-29.9	-43.1	251.6	18.0	17.0	5.7	297.2	297.8	0.2	26.2	13.5	80.
17.4	54.0	5538.5	488.0	-31.0	-45.9	252.5	18.3	17.5	5.5	297.3	297.7	0.1	21.2	13.9	80.
17.7	55.0	5655.6	480.0	-31.8	-48.6	252.9	18.5	17.7	5.5	297.7	298.0	0.1	16.8	14.3	79.
18.2	56.0	5789.1	471.0	-33.0	-52.5	252.9	18.4	17.5	5.4	297.8	298.1	0.1	12.0	14.8	79.
18.5	57.0	5909.3	463.0	-34.0	-52.3	252.7	17.8	17.0	5.3	298.0	298.2	0.1	13.6	15.3	79.
18.9	58.0	6031.1	455.0	-35.1	-52.6	252.2	16.9	16.1	5.2	298.1	298.3	0.1	14.7	15.6	79.
19.3	59.0	6139.0	448.0	-36.0	-52.0	252.6	16.8	16.0	5.0	298.3	298.5	0.1	17.2	15.9	79.
19.7	60.0	6263.8	440.0	-37.2	-52.4	253.6	17.3	16.6	4.9	298.3	298.5	0.1	18.7	16.3	79.
20.1	61.0	6374.4	433.0	-38.3	-52.7	255.0	18.2	17.6	4.7	298.3	298.5	0.1	20.1	16.8	78.
20.4	62.0	6486.3	426.0	-39.3	-52.9	256.0	18.6	18.1	4.5	298.5	298.7	0.1	21.8	17.1	78.
20.9	63.0	6615.8	418.0	-40.5	99.9	258.0	18.7	18.3	3.9	298.6	999.9	99.9	999.9	17.7	78.
21.3	64.0	6730.6	411.0	-41.5	99.9	259.3	18.8	18.5	3.5	298.8	999.9	99.9	999.9	18.1	78.
21.7	65.0	6830.2	405.0	-42.6	99.9	259.9	18.8	18.5	3.3	298.6	999.9	99.9	999.9	18.6	78.
22.1	66.0	6981.5	396.0	-43.9	99.9	259.8	18.5	18.2	3.3	298.9	999.9	99.9	999.9	19.1	78.
22.5	67.0	7101.0	389.0	-45.0	99.9	259.1	17.6	17.3	3.3	298.9	999.9	99.9	999.9	19.5	78.
22.9	68.0	7222.1	382.0	-45.9	99.9	258.7	17.1	16.7	3.3	299.3	999.9	99.9	999.9	19.9	78.
23.3	69.0	7345.1	375.0	-46.6	99.9	258.5	17.1	16.8	3.4	299.9	999.9	99.9	999.9	20.3	78.
23.7	70.0	7451.8	369.0	-47.8	99.9	258.6	17.5	17.2	3.5	299.8	999.9	99.9	999.9	20.7	78.
24.2	71.0	7596.1	361.0	-49.1	99.9	258.8	18.0	17.7	3.5	299.9	999.9	99.9	999.9	21.2	78.
24.6	72.0	7724.3	354.0	-50.1	99.9	259.3	18.2	17.9	3.4	300.1	999.9	99.9	999.9	21.7	78.
25.0	73.0	7835.7	348.0	-51.4	99.9	259.8	18.3	18.0	3.2	300.0	999.9	99.9	999.9	22.1	78.
25.4	74.0	7948.5	342.0	-52.1	99.9	259.8	18.5	18.2	3.3	300.4	999.9	99.9	999.9	22.5	79.
25.8	75.0	8062.8	336.0	-53.2	99.9	259.2	18.8	18.4	3.5	300.4	999.9	99.9	999.9	23.0	79.
26.2	76.0	8178.6	330.0	-54.0	99.9	257.8	19.2	18.7	4.0	300.9	999.9	99.9	999.9	23.5	79.
26.6	77.0	8315.9	323.0	-55.2	99.9	255.8	19.8	19.2	4.9	301.2	999.9	99.9	999.9	23.9	79.
27.0	78.0	8415.6	318.0	-54.8	99.9	253.4	21.1	20.2	6.0	303.0	999.9	99.9	999.9	24.4	79.
27.4	79.0	8537.6	312.0	-54.0	99.9	252.4	23.1	22.0	7.0	305.7	999.9	99.9	999.9	24.9	78.
27.7	80.0	8662.0	306.0	-54.7	99.9	252.6	24.4	23.3	7.3	306.5	999.9	99.9	999.9	25.3	78.
28.2	81.0	8809.9	299.0	-55.3	99.9	253.7	25.9	24.9	7.3	307.7	999.9	99.9	999.9	26.1	78.
28.6	82.0	8939.2	293.0	-55.3	99.9	254.3	26.8	25.8	7.3	309.5	999.9	99.9	999.9	26.7	78.
29.0	83.0	9049.2	288.0	-54.7	99.9	253.9	28.2	27.0	7.8	311.9	999.9	99.9	999.9	27.4	78.
29.4	84.0	9184.3	282.0	-53.7	99.9	252.8	30.2	28.8	8.9	315.2	999.9	99.9	999.9	28.0	78.
29.9	85.0	9299.4	277.0	-52.9	99.9	251.5	32.5	30.8	10.3	317.9	999.9	99.9	999.9	29.1	78.
30.4	86.0	9464.6	270.0	-52.8	99.9	250.4	34.7	32.7	11.6	320.5	999.9	99.9	999.9	30.0	77.
30.8	87.0	9585.3	265.0	-52.8	99.9	249.7	35.9	33.7	12.4	322.2	999.9	99.9	999.9	30.8	77.
31.2	88.0	9708.1	260.0	-53.1	99.9	249.2	36.2	33.8	12.8	323.5	999.9	99.9	999.9	31.8	77.
31.6	89.0	9833.4	255.0	-52.9	99.9	248.9	35.7	33.3	12.9	325.6	999.9	99.9	999.9	32.7	77.
32.0	90.0	9961.1	250.0	-52.9	99.9	248.7	35.6	33.1	12.9	327.4	999.9	99.9	999.9	33.3	77.
32.5	91.0	10091.6	245.0	-52.3	99.9	249.0	37.4	34.9	13.4	330.2	999.9	99.9	999.9	34.4	76.
32.9	92.0	10224.9	240.0	-52.8	99.9	249.1	38.7	36.1	13.8	331.5	999.9	99.9	999.9	35.5	76.
33.3	93.0	10360.6	235.0	-53.2	99.9	249.1	38.8	36.3	13.8	332.8	999.9	99.9	999.9	36.4	76.
33.8	94.0	10499.2	230.0	-53.1	99.9	249.7	37.6	35.3	13.1	335.1	999.9	99.9	999.9	37.5	76.
34.3	95.0	10641.0	225.0	-52.8	99.9	251.1	36.7	34.7	11.9	337.7	999.9	99.9	999.9	38.7	76.
34.8	96.0	10786.0	220.0	-52.9	99.9	251.9	39.1	37.2	12.1	339.6	999.9	99.9	999.9	39.6	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1415 GMT

150 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.3	97.0	10934.4	215.0	-52.6	99.9	251.4	43.0	40.7	13.7	342.3	999.9	99.9	999.9	40.8	75.
35.7	98.0	11055.6	211.0	-53.1	99.9	250.5	43.4	40.9	14.5	343.4	999.9	99.9	999.9	42.1	75.
36.1	99.0	11210.1	206.0	-53.2	99.9	249.4	41.1	38.5	14.5	345.5	999.9	99.9	999.9	43.4	75.
36.6	100.0	11336.3	202.0	-53.6	99.9	248.0	38.3	35.5	14.3	347.0	999.9	99.9	999.9	44.1	75.
37.2	101.0	11530.4	196.0	-53.4	99.9	247.5	38.9	35.9	14.9	350.2	999.9	99.9	999.9	45.6	75.
37.7	102.0	11663.0	192.0	-53.7	99.9	247.0	37.6	34.6	14.7	351.8	999.9	99.9	999.9	46.8	75.
38.2	103.0	11798.3	188.0	-53.7	99.9	245.8	34.9	31.8	14.3	353.9	999.9	99.9	999.9	47.9	74.
38.7	104.0	11936.6	184.0	-53.4	99.9	245.9	35.9	32.8	14.6	356.6	999.9	99.9	999.9	48.7	74.
39.1	105.0	12078.0	180.0	-53.7	99.9	248.9	41.7	38.9	15.0	358.4	999.9	99.9	999.9	50.1	74.
39.7	106.0	12222.6	176.0	-53.4	99.9	249.9	42.3	39.7	14.5	361.2	999.9	99.9	999.9	51.4	74.
40.2	107.0	12370.7	172.0	-52.9	99.9	249.1	37.5	35.0	13.4	364.4	999.9	99.9	999.9	52.7	74.
40.7	108.0	12522.6	168.0	-52.8	99.9	246.5	32.4	29.7	12.9	367.1	999.9	99.9	999.9	53.5	74.
41.3	109.0	12678.0	164.0	-53.2	99.9	244.6	32.8	29.6	14.1	368.8	999.9	99.9	999.9	54.5	74.
41.7	110.0	12796.7	161.0	-53.7	99.9	243.9	35.9	32.2	15.8	370.0	999.9	99.9	999.9	55.4	73.
42.4	111.0	12999.6	156.0	-53.6	99.9	242.9	41.4	36.9	18.9	373.6	999.9	99.9	999.9	56.9	73.
42.9	112.0	13166.5	152.0	-54.0	99.9	243.0	41.7	37.2	19.0	375.6	999.9	99.9	999.9	58.4	73.
43.5	113.0	13294.5	149.0	-53.9	99.9	244.7	36.9	33.4	15.8	378.0	999.9	99.9	999.9	59.7	73.
44.0	114.0	13469.1	145.0	-54.4	99.9	246.7	30.5	28.0	12.1	380.1	999.9	99.9	999.9	61.0	72.
44.6	115.0	13603.2	142.0	-53.9	99.9	246.0	25.7	23.5	10.5	383.2	999.9	99.9	999.9	61.6	72.
45.2	116.0	13834.2	137.0	-52.5	99.9	241.9	26.1	23.0	12.3	389.7	999.9	99.9	999.9	62.6	72.
45.7	117.0	13977.4	134.0	-52.1	99.9	239.3	30.4	26.2	15.5	392.7	999.9	99.9	999.9	63.3	72.
46.2	118.0	14123.6	131.0	-53.4	99.9	239.1	35.5	30.5	18.2	393.0	999.9	99.9	999.9	64.2	72.
46.7	119.0	14323.1	127.0	-53.7	99.9	240.4	37.0	32.2	18.3	395.9	999.9	99.9	999.9	65.5	72.
47.2	120.0	14476.8	124.0	-53.6	99.9	241.8	35.1	30.9	16.6	399.0	999.9	99.9	999.9	66.6	72.
47.8	121.0	14634.3	121.0	-53.6	99.9	242.5	34.6	30.7	16.0	401.8	999.9	99.9	999.9	67.7	71.
48.3	122.0	14795.9	118.0	-53.4	99.9	243.1	36.9	32.9	16.7	404.9	999.9	99.9	999.9	68.6	71.
48.9	123.0	14961.6	115.0	-53.4	99.9	244.8	38.0	34.4	16.1	407.9	999.9	99.9	999.9	70.4	71.
49.6	124.0	15131.6	112.0	-53.7	99.9	248.0	35.1	32.5	13.2	410.4	999.9	99.9	999.9	71.6	71.
50.1	125.0	15305.8	109.0	-54.7	99.9	249.9	32.9	30.9	11.3	411.8	999.9	99.9	999.9	72.8	71.
50.8	126.0	15545.5	105.0	-53.9	99.9	250.8	33.0	31.2	10.9	417.8	999.9	99.9	999.9	73.9	71.
51.4	127.0	15731.6	102.0	-54.0	99.9	249.9	35.7	33.5	12.3	421.0	999.9	99.9	999.9	75.4	71.
52.0	128.0	15923.2	99.0	-54.0	99.9	247.7	39.6	36.7	15.1	424.6	999.9	99.9	999.9	76.4	71.
52.6	129.0	16120.6	96.0	-54.2	99.9	245.6	41.5	37.8	17.2	428.0	999.9	99.9	999.9	78.1	71.
53.2	130.0	16323.8	93.0	-55.2	99.9	244.8	39.6	35.9	16.9	430.0	999.9	99.9	999.9	79.6	71.
53.9	131.0	16532.5	90.0	-56.5	99.9	246.6	36.9	33.9	14.7	431.4	999.9	99.9	999.9	81.3	71.
54.5	132.0	16746.7	87.0	-58.4	99.9	249.2	34.5	32.2	12.3	431.9	999.9	99.9	999.9	82.4	71.
54.9	133.0	16966.9	84.0	-59.6	99.9	250.3	33.2	31.3	11.2	433.7	999.9	99.9	999.9	83.4	71.
55.5	134.0	17117.3	82.0	-60.5	99.9	251.9	33.5	31.9	10.4	434.9	999.9	99.9	999.9	84.2	71.
56.3	135.0	17349.1	79.0	-61.2	99.9	254.3	34.7	33.4	9.4	438.1	999.9	99.9	999.9	86.1	71.
57.2	136.0	17590.0	76.0	-60.3	99.9	258.3	32.0	31.3	6.5	444.8	999.9	99.9	999.9	88.0	71.
58.1	137.0	17841.4	73.0	-59.8	99.9	262.9	34.1	33.8	4.2	451.1	999.9	99.9	999.9	89.4	71.
58.9	138.0	18103.5	70.0	-60.1	99.9	265.9	30.6	30.5	2.2	455.8	999.9	99.9	999.9	91.3	71.
59.9	139.0	18377.2	67.0	-59.6	99.9	264.4	25.4	25.3	2.5	462.7	999.9	99.9	999.9	92.7	71.
60.8	140.0	18663.2	64.0	-60.5	99.9	259.6	26.6	26.2	4.8	466.9	999.9	99.9	999.9	94.1	72.
61.7	141.0	18962.4	61.0	-60.3	99.9	258.8	26.9	26.4	5.2	473.7	999.9	99.9	999.9	95.6	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1415 GMT

150 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.7	142.0	19278.0	58.0	-58.7	99.9	256.1	26.9	26.1	6.5	484.2	999.9	99.9	999.9	97.2	72.
63.7	143.0	19611.6	55.0	-58.7	99.9	257.3	28.2	27.5	6.2	491.6	999.9	99.9	999.9	98.8	72.
64.7	144.0	19963.8	52.0	-58.9	99.9	252.5	29.2	27.9	8.8	499.1	999.9	99.9	999.9	100.5	72.
65.7	145.0	20335.4	49.0	-60.5	99.9	249.2	29.2	27.3	10.4	503.9	999.9	99.9	999.9	102.3	72.
66.8	146.0	20727.5	46.0	-62.1	99.9	251.7	24.6	23.4	7.7	509.1	999.9	99.9	999.9	104.2	72.
67.9	147.0	21001.9	44.0	-62.7	99.9	251.9	16.3	15.5	5.1	514.3	999.9	99.9	999.9	105.6	72.
69.1	148.0	21436.1	41.0	-63.8	99.9	252.0	25.9	24.6	8.0	521.9	999.9	99.9	999.9	106.8	72.
70.3	149.0	21900.9	38.0	-64.8	99.9	256.7	27.3	26.5	6.3	530.9	999.9	99.9	999.9	109.0	72.
71.7	150.0	22404.0	35.0	-63.8	99.9	260.3	26.5	26.1	4.5	546.1	999.9	99.9	999.9	110.9	72.
73.0	151.0	22954.2	32.0	-63.2	99.9	262.8	28.1	27.9	3.5	561.8	999.9	99.9	999.9	113.1	72.
74.6	152.0	23559.2	29.0	-63.4	99.9	265.7	32.7	32.6	2.4	577.3	999.9	99.9	999.9	116.0	73.
76.0	153.0	24230.6	26.0	-63.1	99.9	262.1	9.0	8.9	1.2	596.7	999.9	99.9	999.9	118.1	73.
77.7	154.0	24723.2	24.0	-63.1	99.9	999.9	99.9	99.9	99.9	610.5	999.9	99.9	999.9	999.9	999.
79.7	155.0	25546.1	21.0	-62.5	99.9	999.9	99.9	99.9	99.9	636.0	999.9	99.9	999.9	999.9	999.
81.8	156.0	26497.3	18.0	-62.5	99.9	999.9	99.9	99.9	99.9	664.7	999.9	99.9	999.9	999.9	999.

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1715 GMT

152 15. 0

TIME MIN	CNTCT	HEIGHT GP:R	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	298.0	975.1	0.0	-2.2	280.0	4.1	4.0	-0.7	275.6	284.1	3.3	85.0	0.0	0.
0.3	8.0	331.7	971.0	-0.8	-2.2	260.2	11.5	11.3	2.0	275.0	283.7	3.4	90.7	0.1	53.
0.7	9.0	430.5	959.0	-2.0	-2.6	261.4	10.7	10.5	1.6	274.9	283.3	3.3	95.1	0.2	70.
1.0	10.0	530.9	947.0	-3.0	-3.5	263.5	9.4	9.3	1.1	274.7	282.8	3.1	96.5	0.4	75.
1.4	11.0	646.8	933.0	-3.8	-3.9	267.1	7.6	7.6	0.4	275.1	283.0	3.1	99.5	0.6	79.
1.7	12.0	751.0	921.0	-4.4	-4.5	270.0	7.7	7.7	0.0	275.5	283.2	3.0	99.4	0.7	81.
2.1	13.0	854.3	909.0	-4.9	-5.0	273.2	8.6	8.6	-0.5	276.0	283.6	2.9	99.3	0.9	83.
2.4	14.0	958.7	897.0	-5.8	-5.9	276.2	9.1	9.1	-1.0	276.1	283.3	2.7	99.2	1.1	85.
2.8	15.0	1055.4	886.0	-6.5	-6.6	281.1	9.3	9.1	-1.8	276.3	283.2	2.6	99.3	1.3	87.
3.2	16.0	1179.8	872.0	-7.3	-7.4	286.9	9.2	8.8	-2.7	276.8	283.4	2.5	99.2	1.5	89.
3.6	17.0	1278.6	861.0	-8.2	-8.4	292.5	9.0	8.3	-3.4	276.9	283.1	2.3	97.9	1.7	92.
3.9	18.0	1378.5	850.0	-8.6	-9.0	295.0	8.3	7.6	-3.5	277.4	283.4	2.3	96.6	1.9	94.
4.3	19.0	1479.6	839.0	-8.6	-9.0	293.6	8.3	7.6	-3.3	278.4	284.6	2.3	97.0	2.0	96.
4.7	20.0	1582.0	828.0	-8.6	-9.0	289.2	8.4	7.9	-2.8	279.5	285.7	2.3	96.6	2.2	97.
5.1	21.0	1704.7	815.0	-8.6	-9.1	284.0	8.8	8.6	-2.1	280.8	287.1	2.4	96.3	2.4	98.
5.5	22.0	1810.3	804.0	-8.2	-8.6	280.2	10.2	10.0	-1.8	282.3	289.1	2.5	96.7	2.6	98.
5.8	23.0	1917.3	793.0	-8.5	-9.1	278.5	10.8	10.7	-1.6	283.1	289.7	2.4	95.1	2.9	99.
6.1	24.0	2035.6	781.0	-9.1	-9.6	276.9	10.9	10.9	-1.3	283.7	290.2	2.4	95.7	3.1	99.
6.5	25.0	2135.2	771.0	-9.9	-10.4	274.2	9.5	9.5	-0.7	283.8	290.0	2.2	96.3	3.3	98.
7.0	26.0	2276.6	757.0	-10.5	-10.7	271.3	9.4	9.4	-0.2	284.7	290.8	2.2	98.1	3.6	98.
7.4	27.0	2378.9	747.0	-11.1	-11.5	269.2	10.5	10.5	0.1	285.1	291.0	2.1	96.3	3.8	97.
7.8	28.0	2482.4	737.0	-11.5	-12.3	268.6	11.3	11.3	0.3	285.7	291.4	2.0	93.7	4.1	96.
8.1	29.0	2587.1	727.0	-12.1	-13.2	268.3	11.6	11.6	0.3	286.2	291.5	1.9	91.1	4.3	96.
8.5	30.0	2693.0	717.0	-12.9	-14.0	267.4	11.5	11.5	0.5	286.4	291.5	1.8	91.6	4.6	96.
8.9	31.0	2800.1	707.0	-13.1	-14.1	264.8	11.1	11.1	1.0	287.4	292.5	1.8	92.1	4.9	95.
9.3	32.0	2908.6	697.0	-13.9	-15.6	262.6	10.9	10.8	1.4	287.6	292.2	1.6	86.9	5.1	95.
9.7	33.0	3007.2	688.0	-14.7	-18.9	261.6	10.8	10.7	1.6	287.7	291.3	1.2	70.4	5.4	94.
10.1	34.0	3118.0	678.0	-15.3	-19.1	261.5	10.6	10.5	1.6	288.3	291.9	1.2	72.7	5.6	93.
10.4	35.0	3230.1	668.0	-16.1	-19.3	261.3	10.4	10.2	1.6	288.6	292.2	1.2	76.2	5.8	93.
10.8	36.0	3355.1	657.0	-16.8	-19.3	259.3	9.9	9.8	1.8	289.2	292.9	1.3	80.9	6.1	93.
11.2	37.0	3470.1	647.0	-17.6	-19.3	255.8	10.0	9.7	2.4	289.5	293.3	1.3	87.0	6.3	92.
11.6	38.0	3574.9	638.0	-18.4	-20.0	252.2	10.8	10.3	3.3	289.8	293.3	1.2	87.4	6.5	92.
12.0	39.0	3680.8	629.0	-19.1	-23.0	249.8	12.4	11.6	4.3	290.1	293.0	1.0	71.4	6.7	91.
12.4	40.0	3788.1	620.0	-19.2	-25.4	249.5	14.0	13.1	4.9	291.2	293.5	0.8	58.1	7.0	90.
12.9	41.0	3921.3	609.0	-19.2	-35.9	250.5	15.0	14.1	5.0	292.6	293.5	0.3	21.2	7.4	88.
13.2	42.0	4031.9	600.0	-19.5	-37.2	251.5	15.1	14.3	4.8	293.5	294.4	0.3	18.9	7.7	88.
13.6	43.0	4144.2	591.0	-19.9	-37.5	253.0	14.9	14.3	4.4	294.3	295.1	0.3	19.0	8.1	87.
14.1	44.0	4257.8	582.0	-20.6	-38.1	254.1	14.6	14.1	4.0	294.8	295.6	0.2	19.0	8.5	86.
14.5	45.0	4373.0	573.0	-21.1	-39.3	254.0	14.6	14.0	4.0	295.5	296.2	0.2	17.6	8.8	86.
14.9	46.0	4476.7	565.0	-21.8	-40.6	252.8	14.7	14.1	4.4	295.9	296.6	0.2	16.2	9.2	86.
15.3	47.0	4594.7	556.0	-22.6	-41.3	251.9	14.8	14.1	4.6	296.3	296.9	0.2	16.2	9.5	85.
15.7	48.0	4701.0	548.0	-23.3	-39.8	251.3	14.8	14.0	4.7	296.8	297.5	0.2	20.1	9.9	84.
16.0	49.0	4808.4	540.0	-24.3	-39.5	251.0	14.7	13.9	4.8	296.8	297.5	0.2	22.8	10.1	84.
16.3	50.0	4917.0	532.0	-25.1	-39.5	250.3	14.4	13.6	4.9	297.1	297.8	0.2	24.5	10.4	84.
16.9	51.0	5068.5	521.0	-26.2	-40.1	249.2	14.3	13.4	5.1	297.6	298.3	0.2	25.3	10.9	83.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1715 GMT

152 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.3	52.0	5180.3	513.0	-27.1	-41.9	249.2	15.0	14.0	5.3	297.8	298.4	0.2	23.0	11.2	83.
17.7	53.0	5293.3	505.0	-28.2	-43.3	249.6	15.7	14.7	5.5	297.8	298.4	0.2	21.7	11.6	82.
18.1	54.0	5407.7	497.0	-29.1	-43.4	250.1	16.3	15.3	5.6	298.1	298.6	0.2	23.5	12.0	82.
18.4	55.0	5508.9	490.0	-30.1	-44.1	250.1	16.6	15.6	5.7	298.0	298.5	0.2	23.9	12.3	82.
18.9	56.0	5655.4	480.0	-31.2	-44.7	248.8	17.2	16.0	6.2	298.5	298.9	0.1	24.7	12.7	81.
19.3	57.0	5759.2	473.0	-32.4	-46.0	247.0	17.5	16.1	6.8	298.2	298.7	0.1	24.0	13.2	81.
19.6	58.0	5879.4	465.0	-33.0	-46.2	245.8	17.5	16.0	7.2	298.9	299.3	0.1	25.2	13.5	80.
20.0	59.0	5985.8	458.0	-34.2	-46.8	244.5	17.2	15.5	7.4	298.7	299.1	0.1	26.4	13.9	80.
20.3	60.0	6108.9	450.0	-35.1	-47.5	244.4	16.7	15.1	7.2	299.0	299.4	0.1	26.7	14.2	80.
20.7	61.0	6217.9	443.0	-36.3	-48.4	244.7	16.4	14.8	7.0	298.9	299.2	0.1	27.1	14.5	79.
21.1	62.0	6328.2	436.0	-37.3	-48.5	245.4	16.4	15.0	6.8	299.0	299.4	0.1	29.7	14.9	79.
21.5	63.0	6455.9	428.0	-38.4	-48.6	246.3	16.8	15.4	6.8	299.2	299.6	0.1	32.9	15.3	78.
21.9	64.0	6569.0	421.0	-39.6	-48.6	247.1	17.3	15.9	6.7	299.1	299.5	0.1	37.2	15.7	78.
22.2	65.0	6683.5	414.0	-40.5	99.9	247.4	17.6	16.3	6.8	299.4	999.9	99.9	999.9	16.0	78.
22.7	66.0	6816.1	406.0	-41.8	99.9	246.7	18.1	16.6	7.1	299.5	999.9	99.9	999.9	16.6	78.
23.1	67.0	6933.6	399.0	-43.0	99.9	245.2	18.3	16.6	7.7	299.3	999.9	99.9	999.9	17.0	77.
23.4	68.0	7052.7	392.0	-43.8	99.9	243.3	18.5	16.5	8.3	299.7	999.9	99.9	999.9	17.3	77.
23.7	69.0	7156.0	386.0	-45.1	99.9	241.4	18.7	16.4	8.9	299.4	999.9	99.9	999.9	17.6	77.
24.2	70.0	7278.0	379.0	-46.1	99.9	239.1	19.4	16.6	9.9	299.7	999.9	99.9	999.9	18.2	76.
24.6	71.0	7419.5	371.0	-47.4	99.9	238.5	20.2	17.2	10.5	299.8	999.9	99.9	999.9	18.6	76.
25.0	72.0	7545.1	364.0	-48.7	99.9	238.7	20.8	17.8	10.8	299.7	999.9	99.9	999.9	19.1	75.
25.4	73.0	7654.1	358.0	-49.6	99.9	239.4	20.5	17.7	10.5	299.9	999.9	99.9	999.9	19.6	75.
25.8	74.0	7764.4	352.0	-51.0	99.9	240.3	19.8	17.2	9.8	299.5	999.9	99.9	999.9	20.1	75.
26.1	75.0	7894.9	345.0	-51.9	99.9	241.2	19.3	17.0	9.3	300.0	999.9	99.9	999.9	20.4	74.
26.5	76.0	7989.4	340.0	-52.6	99.9	242.4	19.1	16.9	8.8	300.2	999.9	99.9	999.9	20.8	74.
26.9	77.0	8123.5	333.0	-53.4	99.9	242.4	19.1	16.9	8.8	300.9	999.9	99.9	999.9	21.3	74.
27.3	78.0	8240.3	327.0	-54.2	99.9	242.2	19.5	17.2	9.1	301.4	999.9	99.9	999.9	21.8	74.
27.7	79.0	8358.7	321.0	-55.3	99.9	242.2	20.8	18.4	9.7	301.5	999.9	99.9	999.9	22.2	73.
28.1	80.0	8458.8	316.0	-55.8	99.9	242.2	23.1	20.5	10.8	302.1	999.9	99.9	999.9	22.6	73.
28.5	81.0	8622.3	308.0	-55.0	99.9	241.7	26.0	22.9	12.3	305.5	999.9	99.9	999.9	23.2	73.
28.9	82.0	8727.3	303.0	-53.4	99.9	241.2	28.5	25.0	13.8	309.2	999.9	99.9	999.9	23.9	73.
29.3	83.0	8856.0	297.0	-53.4	99.9	241.7	31.4	27.7	14.9	310.9	999.9	99.9	999.9	24.5	72.
29.7	84.0	8965.3	292.0	-53.4	99.9	242.8	34.6	30.8	15.8	312.5	999.9	99.9	999.9	25.3	72.
30.1	85.0	9098.9	286.0	-53.4	99.9	243.8	37.5	33.7	16.6	314.3	999.9	99.9	999.9	26.2	72.
30.7	86.0	9258.6	279.0	-52.8	99.9	243.5	38.9	34.8	17.3	317.5	999.9	99.9	999.9	27.7	71.
31.1	87.0	9375.3	274.0	-53.0	99.9	242.9	38.2	34.0	17.4	318.9	999.9	99.9	999.9	28.6	71.
31.5	88.0	9494.1	269.0	-53.0	99.9	242.6	37.0	32.9	17.1	320.6	999.9	99.9	999.9	29.4	71.
31.9	89.0	9615.4	264.0	-51.9	99.9	243.5	37.1	33.2	16.5	323.9	999.9	99.9	999.9	30.4	70.
32.4	90.0	9739.3	259.0	-51.7	99.9	245.3	38.2	34.7	16.0	325.9	999.9	99.9	999.9	31.3	70.
32.8	91.0	9865.7	254.0	-51.9	99.9	246.2	39.2	35.9	15.8	327.5	999.9	99.9	999.9	32.4	70.
33.2	92.0	10046.7	247.0	-52.2	99.9	246.4	40.0	36.7	16.1	329.6	999.9	99.9	999.9	33.4	70.
33.6	93.0	10126.0	244.0	-51.1	99.9	245.6	40.4	36.8	16.7	332.4	999.9	99.9	999.9	34.1	70.
34.1	94.0	10260.7	239.0	-51.0	99.9	243.7	39.5	35.4	17.5	334.6	999.9	99.9	999.9	35.6	70.
34.4	95.0	10398.2	234.0	-51.3	99.9	242.7	38.2	34.0	17.5	336.2	999.9	99.9	999.9	36.3	70.
34.9	96.0	10566.8	228.0	-52.0	99.9	242.8	37.6	33.4	17.1	337.5	999.9	99.9	999.9	37.2	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1715 GMT

152 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.4	97.0	10681.3	224.0	-52.3	99.9	244.3	38.5	34.7	16.7	338.7	999.9	99.9	999.9	38.4	69.
35.8	98.0	10827.2	219.0	-52.6	99.9	244.8	38.7	35.0	16.5	340.5	999.9	99.9	999.9	39.5	69.
36.3	99.0	10946.3	215.0	-52.6	99.9	244.6	39.4	35.6	16.9	342.3	999.9	99.9	999.9	40.5	69.
36.7	100.0	11098.1	210.0	-53.0	99.9	244.4	40.5	36.5	17.5	344.1	999.9	99.9	999.9	41.3	69.
37.3	101.0	11253.7	205.0	-52.6	99.9	244.4	39.2	35.3	16.9	347.0	999.9	99.9	999.9	43.2	69.
37.7	102.0	11413.4	200.0	-51.9	99.9	244.6	35.4	31.9	15.2	350.6	999.9	99.9	999.9	44.1	69.
38.3	103.0	11544.3	196.0	-52.0	99.9	245.7	32.4	29.5	13.3	352.4	999.9	99.9	999.9	45.0	69.
38.7	104.0	11677.2	192.0	-52.3	99.9	246.9	34.5	31.7	13.6	354.0	999.9	99.9	999.9	45.7	68.
39.2	105.0	11814.0	188.0	-52.3	99.9	247.7	37.6	34.8	14.3	356.1	999.9	99.9	999.9	46.9	68.
39.7	106.0	11953.1	184.0	-52.2	99.9	247.4	36.4	33.6	14.0	358.6	999.9	99.9	999.9	48.2	68.
40.2	107.0	12095.5	180.0	-51.9	99.9	246.9	33.4	30.7	13.1	361.4	999.9	99.9	999.9	49.2	68.
40.7	108.0	12241.0	176.0	-52.2	99.9	247.1	33.6	30.9	13.1	363.2	999.9	99.9	999.9	50.0	68.
41.1	109.0	12389.7	172.0	-52.6	99.9	247.5	36.4	33.6	13.9	364.8	999.9	99.9	999.9	50.7	68.
41.6	110.0	12541.4	168.0	-53.4	99.9	246.9	40.2	37.0	15.8	366.0	999.9	99.9	999.9	52.1	68.
42.2	111.0	12735.5	163.0	-54.1	99.9	244.6	40.8	36.9	17.5	368.1	999.9	99.9	999.9	53.5	68.
42.6	112.0	12854.6	160.0	-54.5	99.9	243.1	38.9	34.6	17.6	369.2	999.9	99.9	999.9	54.6	68.
43.1	113.0	13016.6	156.0	-55.0	99.9	242.8	34.8	30.9	15.9	371.1	999.9	99.9	999.9	55.7	68.
43.5	114.0	13182.4	152.0	-55.3	99.9	244.3	31.9	28.8	13.9	373.3	999.9	99.9	999.9	56.4	68.
44.0	115.0	13309.5	149.0	-55.5	99.9	246.7	31.1	28.6	12.3	375.2	999.9	99.9	999.9	57.4	68.
44.6	116.0	13527.0	144.0	-55.8	99.9	247.9	34.5	31.9	13.0	378.3	999.9	99.9	999.9	58.4	68.
45.1	117.0	13661.0	141.0	-55.8	99.9	248.0	38.5	35.7	14.4	380.6	999.9	99.9	999.9	59.5	68.
45.6	118.0	13844.5	137.0	-55.2	99.9	248.0	39.2	36.3	14.7	384.9	999.9	99.9	999.9	60.8	68.
46.2	119.0	13986.2	134.0	-54.1	99.9	247.9	34.7	32.1	13.0	389.3	999.9	99.9	999.9	62.3	68.
46.8	120.0	14131.7	131.0	-53.4	99.9	247.2	30.3	27.9	11.7	393.0	999.9	99.9	999.9	63.3	68.
47.3	121.0	14331.7	127.0	-52.6	99.9	245.9	28.5	26.0	11.6	397.9	999.9	99.9	999.9	64.3	68.
47.9	122.0	14485.7	124.0	-53.6	99.9	244.5	29.8	26.9	12.9	398.9	999.9	99.9	999.9	65.0	68.
48.5	123.0	14643.1	121.0	-54.1	99.9	243.5	33.7	30.1	15.0	400.8	999.9	99.9	999.9	66.3	68.
49.0	124.0	14804.1	118.0	-54.2	99.9	242.4	34.1	30.3	15.8	403.4	999.9	99.9	999.9	67.6	68.
49.6	125.0	14969.4	115.0	-53.9	99.9	242.4	33.5	29.6	15.5	407.0	999.9	99.9	999.9	68.4	68.
50.3	126.0	15196.9	111.0	-53.6	99.9	243.6	34.0	30.5	15.1	411.7	999.9	99.9	999.9	69.9	68.
50.8	127.0	15372.5	108.0	-54.2	99.9	244.0	33.8	30.4	14.8	413.8	999.9	99.9	999.9	71.0	68.
51.4	128.0	15553.2	105.0	-55.0	99.9	244.0	32.5	29.2	14.3	415.6	999.9	99.9	999.9	72.1	67.
52.1	129.0	15738.3	102.0	-55.2	99.9	244.5	30.4	27.4	13.1	418.8	999.9	99.9	999.9	73.6	67.
52.7	130.0	15928.7	99.0	-55.7	99.9	244.7	30.4	27.5	13.0	421.4	999.9	99.9	999.9	74.5	67.
53.5	131.0	16191.9	95.0	-55.0	99.9	245.1	31.8	28.8	13.4	427.7	999.9	99.9	999.9	76.3	67.
54.2	132.0	16328.0	93.0	-54.5	99.9	248.3	32.3	30.0	12.0	431.2	999.9	99.9	999.9	77.3	67.
54.8	133.0	16537.5	90.0	-55.5	99.9	249.6	35.1	32.9	12.2	433.4	999.9	99.9	999.9	78.6	67.
55.4	134.0	16753.0	87.0	-56.6	99.9	248.8	40.1	37.4	14.5	435.3	999.9	99.9	999.9	79.6	67.
56.1	135.0	16975.7	84.0	-56.3	99.9	249.4	38.8	36.3	13.7	440.3	999.9	99.9	999.9	82.1	67.
56.9	136.0	17206.9	81.0	-56.0	99.9	254.9	33.7	32.6	8.6	445.6	999.9	99.9	999.9	83.2	67.
57.7	137.0	17446.2	78.0	-57.3	99.9	258.2	35.7	34.9	7.3	447.7	999.9	99.9	999.9	85.0	68.
58.6	138.0	17693.7	75.0	-58.2	99.9	259.6	35.8	35.2	6.4	451.0	999.9	99.9	999.9	87.0	68.
59.3	139.0	17950.5	72.0	-58.7	99.9	263.6	37.9	37.7	4.2	455.2	999.9	99.9	999.9	88.2	68.
60.3	140.0	18310.6	68.0	-57.5	99.9	267.0	34.6	34.5	1.8	465.3	999.9	99.9	999.9	90.7	69.
61.2	141.0	18595.4	65.0	-57.8	99.9	264.2	26.6	26.4	2.7	470.6	999.9	99.9	999.9	92.1	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
1715 GMT

182 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.2	142.0	18892.5	62.0	-59.2	99.9	257.1	23.9	23.3	5.3	474.0	999.9	99.9	999.9	93.6	69.
63.3	143.0	19203.2	59.0	-59.4	99.9	252.1	24.6	23.4	7.5	480.3	999.9	99.9	999.9	95.1	69.
64.3	144.0	19528.5	56.0	-61.3	99.9	249.3	26.3	24.6	9.3	483.1	999.9	99.9	999.9	96.7	69.
65.3	145.0	19869.7	53.0	-61.9	99.9	249.2	17.9	16.8	6.4	489.5	999.9	99.9	999.9	98.3	69.
66.3	146.0	20231.1	50.0	-60.9	99.9	246.7	14.3	13.1	5.6	499.9	999.9	99.9	999.9	98.7	69.
67.3	147.0	20615.7	47.0	-60.9	99.9	245.4	28.4	25.8	11.8	508.8	999.9	99.9	999.9	100.1	69.
68.3	148.0	21023.9	44.0	-62.8	99.9	248.4	30.3	28.2	11.1	514.0	999.9	99.9	999.9	102.0	69.
69.5	149.0	21458.6	41.0	-63.0	99.9	253.0	28.7	27.5	8.4	524.1	999.9	99.9	999.9	104.1	69.
70.7	150.0	21927.2	38.0	-62.6	99.9	259.3	22.6	22.2	4.2	536.5	999.9	99.9	999.9	106.0	69.
71.9	151.0	22434.2	35.0	-62.8	99.9	260.9	31.5	31.1	5.0	548.8	999.9	99.9	999.9	107.8	69.
73.2	152.0	22944.7	32.0	-64.1	99.9	258.5	27.8	27.2	5.5	559.5	999.9	99.9	999.9	110.3	70.
74.6	153.0	23378.6	30.0	-65.1	99.9	256.6	25.9	25.2	6.0	567.3	999.9	99.9	999.9	112.2	70.
76.3	154.0	24024.7	27.0	-62.8	99.9	250.3	30.3	28.5	10.2	591.1	999.9	99.9	999.9	115.3	70.
77.9	155.0	25016.2	23.0	-61.3	99.9	259.0	33.1	32.4	6.3	623.1	999.9	99.9	999.9	118.6	70.
79.9	156.0	25581.7	21.0	-60.6	99.9	275.2	16.8	16.7	-1.5	641.7	999.9	99.9	999.9	120.6	70.
82.3	157.0	26540.3	18.0	-61.1	99.9	261.2	17.8	17.6	2.7	668.9	999.9	99.9	999.9	124.0	71.
85.5	158.0	27480.1	15.0	-58.3	99.9	999.9	99.9	99.9	9.9	714.1	999.9	99.9	999.9	999.9	999.

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
2015 GMT

155 13. 0

TIME MIN	CNTCT	HEIGHT GPM	FRES MB	TEMP DG C	DEW PT DG	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	298.0	975.2	-1.6	-3.5	290.0	6.2	5.8	-2.1	273.9	281.7	3.0	87.0	0.0	0.
0.3	8.0	340.5	970.0	-2.5	-3.8	273.0	10.7	10.7	-0.6	273.4	281.0	3.0	91.0	0.2	82.
0.7	9.0	439.2	958.0	-3.4	-4.1	273.9	10.0	10.0	-0.7	273.4	281.0	2.9	94.9	0.4	86.
1.1	10.0	538.9	946.0	-3.9	-4.0	276.3	8.9	8.9	-1.0	273.9	281.7	3.0	99.2	0.6	89.
1.7	11.0	656.4	932.0	-5.4	-5.5	279.3	9.3	9.2	-1.5	273.5	280.5	2.7	99.5	0.9	93.
2.1	12.0	758.0	920.0	-6.3	-6.4	279.0	10.1	10.0	-1.6	273.6	280.2	2.6	99.3	1.1	94.
2.5	13.0	860.6	908.0	-6.9	-7.0	279.8	9.1	8.9	-1.5	274.0	280.5	2.5	99.3	1.4	95.
3.0	14.0	955.7	897.0	-7.4	-7.5	284.5	8.9	8.6	-2.2	274.5	280.8	2.4	99.2	1.6	96.
3.4	15.0	1051.8	886.0	-8.0	-8.1	288.1	10.0	9.5	-3.1	274.8	281.0	2.3	99.1	1.8	97.
3.9	16.0	1175.7	872.0	-8.1	-8.2	290.3	9.9	9.3	-3.4	275.9	282.1	2.4	99.1	2.1	99.
4.3	17.0	1283.4	860.0	-8.3	-8.4	290.0	9.4	8.8	-3.2	276.9	283.1	2.4	99.1	2.4	100.
4.7	18.0	1383.3	849.0	-8.8	-9.0	289.9	8.6	8.1	-2.9	277.3	283.3	2.3	99.0	2.6	101.
5.1	19.0	1484.3	838.0	-9.4	-9.6	290.9	7.7	7.2	-2.7	277.7	283.6	2.2	98.9	2.8	102.
5.5	20.0	1586.4	827.0	-10.0	-10.2	292.3	6.8	6.3	-2.6	278.1	283.8	2.1	98.8	2.9	102.
6.0	21.0	1708.6	814.0	-10.2	-10.3	287.8	8.2	7.8	-2.5	279.2	285.0	2.1	98.8	3.1	103.
6.3	22.0	1813.6	803.0	-10.2	-10.3	280.4	8.3	8.1	-1.5	280.3	286.2	2.2	98.8	3.3	103.
6.7	23.0	1920.0	792.0	-9.9	-10.2	272.7	8.4	8.4	-0.4	281.7	287.7	2.2	97.1	3.5	103.
7.1	24.0	2018.1	782.0	-10.2	-10.7	269.4	8.9	8.9	0.1	282.4	288.3	2.2	95.9	3.7	102.
7.5	25.0	2127.3	771.0	-10.6	-11.2	272.9	10.3	10.3	-0.5	283.1	288.9	2.1	95.4	3.9	101.
7.9	26.0	2258.0	758.0	-11.3	-12.0	274.6	10.1	10.1	-0.8	283.7	289.2	2.0	94.7	4.2	101.
8.3	27.0	2359.9	748.0	-12.0	-12.8	275.2	10.2	10.2	-0.9	284.0	289.3	1.9	93.9	4.4	100.
8.7	28.0	2462.8	738.0	-13.0	-13.8	274.3	10.5	10.5	-0.8	284.0	288.9	1.8	93.3	4.7	100.
9.0	29.0	2566.7	728.0	-13.7	-14.5	272.8	10.7	10.7	-0.5	284.3	289.1	1.7	93.4	4.9	100.
9.3	30.0	2671.8	718.0	-14.4	-15.1	270.0	10.8	10.8	-0.0	284.7	289.2	1.6	94.0	5.1	100.
9.6	31.0	2767.4	709.0	-15.0	-15.6	267.2	10.9	10.9	0.5	285.1	289.6	1.6	94.8	5.3	99.
9.9	32.0	2874.7	699.0	-15.8	-16.1	264.4	10.9	10.9	1.1	285.3	289.7	1.5	97.1	5.4	99.
10.3	33.0	2983.3	689.0	-16.6	-16.9	261.9	11.1	11.0	1.6	285.5	289.7	1.5	97.4	5.7	98.
10.6	34.0	3104.2	678.0	-17.3	-17.6	260.8	11.3	11.2	1.8	286.1	290.1	1.4	97.1	5.9	97.
11.0	35.0	3215.9	668.0	-16.1	-16.3	260.8	11.8	11.6	1.9	288.7	293.3	1.6	97.7	6.1	97.
11.4	36.0	3341.1	657.0	-15.8	-16.0	261.9	12.5	12.4	1.8	290.4	295.2	1.7	98.5	6.4	96.
11.8	37.0	3456.7	647.0	-16.5	-19.2	262.8	13.2	13.0	1.7	290.9	294.6	1.3	79.1	6.7	95.
12.2	38.0	3585.6	636.0	-16.9	-22.4	263.4	13.4	13.3	1.5	291.8	294.7	1.0	62.1	7.1	95.
12.6	39.0	3692.5	627.0	-17.4	-23.7	263.9	13.4	13.3	1.4	292.3	295.0	0.9	57.8	7.4	94.
13.0	40.0	3800.8	618.0	-18.0	-24.5	264.4	13.2	13.2	1.3	292.9	295.5	0.8	56.3	7.7	94.
13.6	41.0	3934.9	607.0	-18.7	-25.4	264.8	13.2	13.1	1.2	293.6	296.0	0.8	55.0	8.1	93.
13.9	42.0	4046.1	598.0	-19.6	-27.8	264.7	13.2	13.1	1.2	293.8	295.7	0.6	47.7	8.4	93.
14.3	43.0	4158.5	589.0	-20.5	-30.8	264.9	13.1	13.0	1.2	293.9	295.5	0.5	39.3	8.7	93.
14.6	44.0	4272.3	580.0	-21.3	-31.7	265.1	12.9	12.9	1.1	294.3	295.7	0.5	38.3	8.9	93.
15.0	45.0	4374.6	572.0	-22.1	-31.8	265.6	12.5	12.5	1.0	294.5	296.0	0.5	41.0	9.3	92.
15.3	46.0	4491.1	563.0	-22.8	-31.9	266.3	12.1	12.1	0.8	295.1	296.5	0.5	43.1	9.5	92.
15.7	47.0	4595.9	555.0	-23.9	-32.5	267.4	11.7	11.6	0.5	295.0	296.4	0.4	44.7	9.8	92.
16.1	48.0	4701.7	547.0	-24.7	-32.3	268.6	11.4	11.4	0.3	295.3	296.7	0.5	48.7	10.0	92.
16.5	49.0	4822.4	538.0	-25.3	-31.4	269.1	11.5	11.5	0.2	295.9	297.5	0.5	56.5	10.3	92.
16.8	50.0	4930.9	530.0	-26.5	-32.3	268.0	11.4	11.4	0.4	295.8	297.3	0.5	57.9	10.5	92.
17.2	51.0	5068.2	520.0	-27.6	-33.0	266.2	11.2	11.2	0.7	296.1	297.5	0.5	59.5	10.8	92.

\* BY SPFFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
2015 GMT

155 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
17.6	52.0	5179.5	512.0	-28.6	-34.3	264.1	11.1	11.1	1.1	296.1	297.4	0.4	57.6	11.0	92.
17.9	53.0	5292.2	504.0	-29.5	-35.9	263.0	11.2	11.2	1.4	296.3	297.5	0.3	53.7	11.2	91.
18.3	54.0	5406.1	496.0	-30.5	-36.6	262.0	11.4	11.3	1.6	296.6	297.6	0.3	54.4	11.5	91.
18.7	55.0	5521.5	488.0	-31.5	-37.5	261.5	11.4	11.3	1.7	296.7	297.7	0.3	54.8	11.8	91.
19.1	56.0	5653.0	479.0	-32.6	-38.4	261.3	11.3	11.2	1.7	296.9	297.9	0.3	55.5	12.1	91.
19.5	57.0	5771.5	471.0	-33.5	-39.3	261.1	11.2	11.1	1.7	297.2	298.1	0.3	55.3	12.3	91.
19.9	58.0	5876.4	464.0	-34.5	-39.8	259.6	11.8	11.6	2.1	297.2	298.0	0.3	58.4	12.5	90.
20.3	59.0	5982.4	457.0	-35.5	-40.7	257.4	12.4	12.1	2.7	297.3	298.1	0.2	58.1	12.9	90.
20.6	60.0	6105.1	449.0	-36.4	-41.8	256.1	12.9	12.5	3.1	297.6	298.4	0.2	56.9	13.1	90.
21.1	61.0	6213.9	442.0	-37.2	-42.7	255.7	13.7	13.3	3.4	298.0	298.6	0.2	55.8	13.5	89.
21.5	62.0	6324.0	435.0	-38.3	-43.4	257.0	14.6	14.2	3.3	298.0	298.6	0.2	58.0	13.7	89.
21.8	63.0	6435.4	428.0	-39.4	-44.7	257.9	15.0	14.7	3.2	298.0	298.5	0.2	56.6	14.0	89.
22.2	64.0	6548.1	421.0	-40.2	99.9	258.4	15.3	15.0	3.1	298.4	999.9	99.9	999.9	14.4	89.
22.5	65.0	6662.2	414.0	-41.5	99.9	258.4	15.3	15.0	3.1	298.1	999.9	99.9	999.9	14.7	88.
23.1	66.0	6811.0	405.0	-42.5	99.9	257.0	15.7	15.3	3.5	298.7	999.9	99.9	999.9	15.2	88.
23.5	67.0	6928.6	398.0	-43.3	99.9	255.3	16.8	16.3	4.3	299.1	999.9	99.9	999.9	15.6	88.
23.9	68.0	7030.7	392.0	-44.2	99.9	252.7	18.6	17.8	5.5	299.3	999.9	99.9	999.9	16.0	87.
24.3	69.0	7151.2	385.0	-45.3	99.9	250.0	20.0	18.8	6.8	299.4	999.9	99.9	999.9	16.5	87.
24.7	70.0	7273.4	378.0	-46.3	99.9	246.9	20.5	18.8	8.0	299.7	999.9	99.9	999.9	17.0	87.
25.1	71.0	7415.2	370.0	-47.6	99.9	243.5	20.2	18.1	9.0	299.8	999.9	99.9	999.9	17.5	86.
25.5	72.0	7522.9	364.0	-48.6	99.9	240.1	19.7	17.1	9.8	299.8	999.9	99.9	999.9	17.9	85.
25.9	73.0	7632.0	358.0	-49.8	99.9	237.4	20.4	17.2	11.0	299.7	999.9	99.9	999.9	18.2	85.
26.3	74.0	7742.3	352.0	-51.0	99.9	234.9	21.8	17.8	12.6	299.5	999.9	99.9	999.9	18.7	84.
26.6	75.0	7872.7	345.0	-51.9	99.9	233.3	22.9	18.3	13.7	300.0	999.9	99.9	999.9	19.1	83.
26.9	76.0	7986.2	339.0	-52.7	99.9	232.0	23.7	18.7	14.6	300.4	999.9	99.9	999.9	19.5	83.
27.3	77.0	8101.3	333.0	-53.6	99.9	232.2	24.2	19.1	14.8	300.7	999.9	99.9	999.9	19.9	82.
27.7	78.0	8217.9	327.0	-54.7	99.9	234.1	24.5	19.8	14.4	300.7	999.9	99.9	999.9	20.4	81.
28.1	79.0	8316.5	322.0	-54.9	99.9	236.8	24.9	20.8	13.6	301.9	999.9	99.9	999.9	21.0	80.
28.5	80.0	8436.7	316.0	-55.0	99.9	239.1	25.5	21.9	13.1	303.3	999.9	99.9	999.9	21.5	80.
29.0	81.0	8580.1	309.0	-54.2	99.9	239.4	26.4	22.8	13.4	306.3	999.9	99.9	999.9	22.3	79.
29.4	82.0	8706.0	303.0	-53.6	99.9	239.1	27.0	23.1	13.9	308.9	999.9	99.9	999.9	22.9	78.
29.8	83.0	8813.4	298.0	-52.0	99.9	239.3	27.7	23.8	14.1	312.6	999.9	99.9	999.9	23.5	78.
30.2	84.0	8945.0	292.0	-52.4	99.9	239.8	28.8	24.9	14.5	314.0	999.9	99.9	999.9	24.1	77.
30.5	85.0	9056.9	287.0	-51.7	99.9	240.2	30.1	26.1	15.0	316.4	999.9	99.9	999.9	24.6	77.
31.1	86.0	9217.0	280.0	-51.7	99.9	240.1	33.5	29.0	16.7	318.7	999.9	99.9	999.9	25.7	76.
31.5	87.0	9333.9	275.0	-51.4	99.9	239.9	35.1	30.4	17.6	320.7	999.9	99.9	999.9	26.5	76.
31.9	88.0	9477.3	269.0	-51.1	99.9	240.0	35.2	30.5	17.6	323.2	999.9	99.9	999.9	27.4	75.
32.3	89.0	9599.4	264.0	-50.8	99.9	240.6	34.9	30.4	17.1	325.4	999.9	99.9	999.9	28.2	75.
32.7	90.0	9724.3	259.0	-49.6	99.9	241.7	35.0	30.8	16.6	328.9	999.9	99.9	999.9	28.9	74.
33.2	91.0	9851.8	254.0	-49.8	99.9	243.0	35.9	32.0	16.3	330.6	999.9	99.9	999.9	30.0	74.
33.6	92.0	9981.9	249.0	-49.8	99.9	243.2	36.9	32.9	16.6	332.4	999.9	99.9	999.9	30.9	74.
34.0	93.0	10087.9	245.0	-49.8	99.9	242.5	37.8	33.6	17.4	334.0	999.9	99.9	999.9	31.7	73.
34.4	94.0	10222.6	240.0	-50.2	99.9	241.9	38.3	33.8	18.1	335.3	999.9	99.9	999.9	32.6	73.
34.8	95.0	10359.8	235.0	-51.1	99.9	241.7	37.4	32.9	17.8	336.0	999.9	99.9	999.9	33.6	73.
35.3	96.0	10527.9	229.0	-51.4	99.9	241.8	34.7	30.5	16.4	338.0	999.9	99.9	999.9	34.7	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
2015 GMT

155 13. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.8	97.0	10642.3	225.0	-51.4	99.9	242.8	32.6	29.0	14.9	339.7	999.9	99.9	999.9	35.6	72.
36.2	98.0	10788.4	220.0	-51.1	99.9	244.3	33.0	29.8	14.3	342.4	999.9	99.9	999.9	36.3	72.
36.6	99.0	10937.8	215.0	-51.3	99.9	245.9	34.5	31.5	14.1	344.4	999.9	99.9	999.9	37.1	72.
37.1	100.0	11059.8	211.0	-51.4	99.9	246.6	35.9	32.9	14.2	346.0	999.9	99.9	999.9	38.4	72.
37.7	101.0	11215.4	206.0	-52.0	99.9	246.1	37.7	34.5	15.3	347.4	999.9	99.9	999.9	39.4	72.
38.1	102.0	11374.6	201.0	-51.9	99.9	246.0	38.7	35.4	15.7	350.1	999.9	99.9	999.9	40.4	71.
38.7	103.0	11504.8	197.0	-52.0	99.9	247.0	37.1	34.2	14.5	351.9	999.9	99.9	999.9	42.0	71.
39.1	104.0	11637.6	193.0	-52.0	99.9	247.9	36.3	33.6	13.7	354.0	999.9	99.9	999.9	42.6	71.
39.5	105.0	11773.1	189.0	-52.5	99.9	248.3	37.7	35.1	14.0	355.3	999.9	99.9	999.9	43.4	71.
40.1	106.0	11911.4	185.0	-52.4	99.9	247.5	40.0	36.9	15.3	357.8	999.9	99.9	999.9	45.0	71.
40.5	107.0	12052.6	181.0	-52.8	99.9	246.4	38.4	35.2	15.4	359.3	999.9	99.9	999.9	46.0	71.
41.0	108.0	12196.7	177.0	-53.3	99.9	244.4	33.3	30.0	14.4	360.8	999.9	99.9	999.9	47.3	71.
41.5	109.0	12343.8	173.0	-53.8	99.9	243.3	31.6	28.2	14.2	362.4	999.9	99.9	999.9	47.8	71.
42.0	110.0	12493.9	169.0	-54.2	99.9	244.5	35.9	32.4	15.4	364.0	999.9	99.9	999.9	48.8	70.
42.6	111.0	12647.6	165.0	-54.1	99.9	246.3	41.4	37.9	16.6	366.8	999.9	99.9	999.9	50.3	70.
43.1	112.0	12804.8	161.0	-54.7	99.9	246.6	40.0	36.7	15.9	368.3	999.9	99.9	999.9	51.7	70.
43.5	113.0	12965.8	157.0	-54.9	99.9	245.6	34.2	31.1	14.1	370.7	999.9	99.9	999.9	52.9	70.
44.0	114.0	13089.1	154.0	-55.0	99.9	242.5	25.8	22.9	11.9	372.5	999.9	99.9	999.9	53.5	70.
44.5	115.0	13257.2	150.0	-55.2	99.9	241.1	23.7	20.7	11.4	375.0	999.9	99.9	999.9	54.1	70.
45.2	116.0	13429.7	146.0	-55.2	99.9	244.6	33.0	29.8	14.1	377.9	999.9	99.9	999.9	55.0	70.
45.8	117.0	13607.0	142.0	-55.3	99.9	246.3	41.3	37.8	16.6	380.7	999.9	99.9	999.9	56.6	70.
46.3	118.0	13789.4	138.0	-55.0	99.9	246.5	41.5	38.1	16.5	384.3	999.9	99.9	999.9	58.1	70.
46.9	119.0	13882.9	136.0	-54.4	99.9	246.1	35.7	32.6	14.5	387.1	999.9	99.9	999.9	59.4	70.
47.5	120.0	14073.9	132.0	-54.9	99.9	246.2	28.8	26.4	11.6	389.5	999.9	99.9	999.9	60.7	69.
48.0	121.0	14220.6	129.0	-55.8	99.9	249.8	24.2	22.8	8.4	390.4	999.9	99.9	999.9	61.3	69.
48.5	122.0	14370.9	126.0	-54.2	99.9	255.1	22.4	21.6	5.7	395.9	999.9	99.9	999.9	62.0	69.
49.0	123.0	14525.7	123.0	-53.6	99.9	255.9	24.8	24.1	6.0	399.8	999.9	99.9	999.9	62.6	70.
49.6	124.0	14684.3	120.0	-54.2	99.9	252.0	34.0	32.3	10.5	401.5	999.9	99.9	999.9	63.4	70.
50.1	125.0	14846.4	117.0	-54.9	99.9	249.2	41.5	38.8	14.8	403.2	999.9	99.9	999.9	64.7	70.
50.9	126.0	15068.1	113.0	-56.2	99.9	246.6	42.4	39.0	16.8	404.8	999.9	99.9	999.9	67.0	70.
51.4	127.0	15239.0	110.0	-56.5	99.9	247.4	37.6	34.7	14.5	407.4	999.9	99.9	999.9	68.3	70.
52.1	128.0	15414.7	107.0	-56.2	99.9	250.9	28.6	27.1	9.3	411.2	999.9	99.9	999.9	69.7	70.
52.8	129.0	15595.5	104.0	-56.0	99.9	253.0	22.8	21.8	6.7	414.9	999.9	99.9	999.9	70.6	70.
53.3	130.0	15781.7	101.0	-55.8	99.9	254.8	21.1	20.3	5.5	418.7	999.9	99.9	999.9	71.3	70.
54.2	131.0	15973.6	98.0	-56.0	99.9	259.5	21.6	21.3	4.0	422.0	999.9	99.9	999.9	72.3	70.
54.8	132.0	16171.4	95.0	-55.8	99.9	258.1	25.0	24.5	5.2	426.1	999.9	99.9	999.9	73.1	70.
55.4	133.0	16376.1	92.0	-55.0	99.9	253.1	31.1	29.7	9.0	431.6	999.9	99.9	999.9	74.0	70.
56.0	134.0	16516.7	90.0	-54.4	99.9	248.0	38.5	35.7	14.4	435.6	999.9	99.9	999.9	75.3	70.
56.7	135.0	16733.5	87.0	-55.2	99.9	246.5	41.1	37.7	16.4	438.2	999.9	99.9	999.9	77.1	70.
57.5	136.0	16957.1	84.0	-56.2	99.9	248.5	36.3	33.7	13.3	440.7	999.9	99.9	999.9	79.2	70.
58.3	137.0	17188.7	81.0	-55.3	99.9	249.7	30.8	28.9	10.7	446.9	999.9	99.9	999.9	80.7	70.
59.2	138.0	17428.9	78.0	-56.3	99.9	250.7	24.7	23.4	8.2	449.8	999.9	99.9	999.9	82.1	70.
60.0	139.0	17677.8	75.0	-56.6	99.9	254.4	23.0	22.2	6.2	454.2	999.9	99.9	999.9	83.3	70.
60.9	140.0	17936.3	72.0	-57.3	99.9	258.6	26.2	25.7	5.2	458.1	999.9	99.9	999.9	84.4	70.
61.8	141.0	18205.2	69.0	-57.6	99.9	258.7	31.7	31.1	6.2	463.0	999.9	99.9	999.9	86.1	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
2015 GMT

155 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.7	142.0	18485.9	66.0	-57.5	99.9	256.0	27.2	26.4	6.6	469.3	999.9	99.9	999.9	87.7	70.
63.6	143.0	18778.5	63.0	-59.3	99.9	251.6	24.5	23.2	7.7	471.4	999.9	99.9	999.9	89.1	70.
64.6	144.0	19083.9	60.0	-59.5	99.9	254.0	25.8	24.8	7.1	477.7	999.9	99.9	999.9	90.5	70.
65.5	145.0	19403.7	57.0	-61.1	99.9	252.1	27.4	26.1	8.4	481.1	999.9	99.9	999.9	92.0	70.
66.4	146.0	19739.5	54.0	-61.1	99.9	250.5	24.6	23.2	8.2	488.6	999.9	99.9	999.9	93.5	70.
67.3	147.0	19973.9	52.0	-61.1	99.9	251.9	22.6	21.5	7.0	493.9	999.9	99.9	999.9	94.7	70.
68.5	148.0	20342.2	49.0	-62.0	99.9	254.6	24.5	23.6	6.5	500.3	999.9	99.9	999.9	96.3	70.
69.7	149.0	20732.4	46.0	-62.6	99.9	251.8	27.8	26.4	8.7	508.1	999.9	99.9	999.9	98.2	70.
70.7	150.0	21147.2	43.0	-63.9	99.9	257.5	26.5	25.9	5.7	514.7	999.9	99.9	999.9	100.0	71.
71.8	151.0	21439.4	41.0	-63.5	99.9	258.9	27.1	26.6	5.2	522.7	999.9	99.9	999.9	101.5	71.
72.9	152.0	21906.5	38.0	-63.1	99.9	258.6	29.7	29.1	5.9	535.2	999.9	99.9	999.9	103.5	71.
74.3	153.0	22411.7	35.0	-63.7	99.9	259.2	24.2	23.8	4.5	546.4	999.9	99.9	999.9	105.8	71.
75.7	154.0	22773.4	33.0	-62.9	99.9	255.7	26.1	25.3	6.4	557.7	999.9	99.9	999.9	107.6	71.
77.1	155.0	23360.8	30.0	-62.6	99.9	253.6	32.4	31.1	9.1	574.1	999.9	99.9	999.9	110.2	71.
78.6	156.0	24010.5	27.0	-62.7	99.9	255.0	32.7	31.6	8.5	591.2	999.9	99.9	999.9	113.2	71.
80.3	157.0	24736.1	24.0	-62.9	99.9	258.8	28.5	28.0	5.5	610.9	999.9	99.9	999.9	116.4	71.
82.0	158.0	25271.9	22.0	-62.9	99.9	268.0	27.8	27.8	1.0	626.3	999.9	99.9	999.9	118.9	72.
84.3	159.0	26176.6	19.0	-62.0	99.9	264.5	32.5	32.3	3.1	655.9	999.9	99.9	999.9	123.1	72.
86.7	160.0	27248.3	16.0	-58.5	99.9	260.3	33.0	32.5	5.6	700.5	999.9	99.9	999.9	127.9	73.
89.8	161.0	28558.5	13.0	-57.0	99.9	999.9	99.9	99.9	99.9	748.6	999.9	99.9	999.9	999.9	999.

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
2315 GMT

151 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	298.0	975.8	-3.3	-5.5	290.0	6.2	5.8	-2.1	272.1	278.8	2.6	85.0	0.0	0.
0.1	8.0	337.0	971.0	-3.6	-5.6	264.1	9.5	9.4	1.0	272.1	278.8	2.6	85.9	0.2	86.
0.4	9.0	435.1	959.0	-4.9	-5.9	264.1	9.5	9.4	1.0	271.8	278.4	2.6	92.1	0.2	86.
0.7	10.0	534.0	947.0	-5.9	-6.5	265.5	9.1	9.1	0.7	271.7	278.1	2.5	95.7	0.4	86.
1.2	11.0	658.9	932.0	-7.1	-7.1	286.8	8.8	8.4	-2.5	271.8	278.0	2.4	99.8	0.6	86.
1.6	12.0	751.4	921.0	-8.1	-8.2	304.2	10.5	8.7	-5.9	271.6	277.4	2.2	99.9	0.8	93.
1.9	13.0	853.3	909.0	-8.4	-8.4	286.7	10.5	10.1	-3.0	272.3	278.1	2.2	100.1	1.0	107.
2.2	14.0	956.3	897.0	-9.2	-9.2	270.7	10.6	10.6	-0.1	272.6	278.1	2.1	99.5	1.2	102.
2.6	15.0	1051.7	886.0	-9.9	-10.0	261.7	10.4	10.3	1.5	272.8	278.1	2.0	99.4	1.4	94.
3.1	16.0	1174.8	872.0	-9.2	-9.2	290.8	10.3	9.6	-3.6	274.8	280.5	2.2	99.5	1.7	97.
3.4	17.0	1273.0	861.0	-9.6	-9.6	289.9	10.5	9.9	-3.6	275.3	281.0	2.1	100.2	1.9	99.
3.8	18.0	1372.3	850.0	-10.3	-10.3	286.9	10.6	10.1	-3.1	275.6	281.0	2.0	100.4	2.2	100.
4.1	19.0	1472.6	839.0	-10.6	-10.7	284.3	10.8	10.4	-2.7	276.3	281.7	2.0	99.3	2.3	100.
4.5	20.0	1574.2	828.0	-10.6	-10.7	281.3	11.5	11.2	-2.2	277.3	282.8	2.0	99.3	2.6	101.
4.9	21.0	1696.0	815.0	-10.9	-11.0	282.5	12.0	11.8	-2.6	278.3	283.7	2.0	99.2	2.9	101.
5.2	22.0	1800.5	804.0	-11.0	-11.2	283.7	12.2	11.8	-2.9	279.2	284.7	2.0	98.7	3.1	101.
5.5	23.0	1906.3	793.0	-11.3	-11.5	285.2	12.2	11.8	-3.2	280.0	285.4	2.0	98.7	3.3	101.
5.8	24.0	2003.2	783.0	-11.5	-11.8	286.4	12.0	11.5	-3.4	280.9	286.2	2.0	97.0	3.6	101.
6.2	25.0	2112.1	772.0	-12.3	-12.7	287.3	12.2	11.6	-3.6	281.1	286.2	1.9	96.9	3.8	102.
6.6	26.0	2231.8	760.0	-12.9	-13.3	287.5	12.6	12.0	-3.8	281.7	286.7	1.8	96.6	4.1	102.
6.9	27.0	2342.5	749.0	-13.7	-14.2	288.0	12.3	11.7	-3.8	282.0	286.7	1.7	96.5	4.4	102.
7.2	28.0	2445.0	739.0	-14.4	-14.9	289.2	12.2	11.6	-4.0	282.3	286.8	1.6	96.0	4.6	103.
7.6	29.0	2548.3	729.0	-15.0	-15.5	291.2	12.2	11.4	-4.4	282.8	287.1	1.6	95.7	4.9	103.
8.0	30.0	2652.8	719.0	-14.8	-15.5	293.3	12.4	11.3	-4.9	284.0	288.5	1.6	94.4	5.1	104.
8.3	31.0	2758.8	709.0	-15.5	-16.3	293.0	12.3	11.3	-4.8	284.4	288.7	1.5	93.9	5.4	104.
8.6	32.0	2866.0	699.0	-16.0	-16.5	291.7	12.1	11.2	-4.5	285.1	289.4	1.5	95.7	5.6	105.
9.0	33.0	2974.4	689.0	-16.9	-17.6	287.2	11.6	11.1	-3.4	285.2	289.1	1.4	94.1	5.9	105.
9.3	34.0	3084.2	679.0	-17.0	-17.7	282.3	11.3	11.0	-2.4	286.2	290.2	1.4	94.6	6.1	105.
9.7	35.0	3184.3	670.0	-17.5	-17.9	276.6	11.1	11.0	-1.3	286.9	290.8	1.4	95.9	6.4	105.
10.1	36.0	3319.5	658.0	-18.3	-18.6	273.1	11.3	11.2	-0.6	287.4	291.3	1.3	97.2	6.6	104.
10.5	37.0	3422.2	649.0	-19.2	-19.4	272.6	11.7	11.7	-0.5	287.5	291.1	1.3	98.3	6.8	104.
10.9	38.0	3537.6	639.0	-20.0	-20.3	273.6	12.5	12.4	-0.8	287.8	291.3	1.2	97.9	7.2	103.
11.1	39.0	3643.1	630.0	-19.1	-19.6	273.9	12.8	12.8	-0.9	290.1	293.8	1.3	95.7	7.3	103.
11.5	40.0	3750.1	621.0	-19.6	-20.6	274.5	13.3	13.3	-1.0	290.7	294.1	1.2	91.9	7.6	103.
12.0	41.0	3882.8	610.0	-20.3	-21.6	274.4	13.6	13.5	-1.0	291.4	294.6	1.1	89.5	8.0	102.
12.3	42.0	3992.7	601.0	-21.1	-22.2	274.1	13.7	13.7	-1.0	291.7	294.8	1.1	90.7	8.3	102.
12.7	43.0	4104.1	592.0	-21.8	-23.4	273.6	14.1	14.1	-0.9	292.1	295.1	1.0	86.8	8.6	102.
13.1	44.0	4216.7	583.0	-22.7	-25.7	273.3	14.7	14.7	-0.8	292.3	294.7	0.8	76.0	8.9	101.
13.5	45.0	4318.0	575.0	-23.5	-26.7	273.3	15.5	15.5	-0.9	292.5	294.8	0.7	75.0	9.3	101.
13.9	46.0	4433.2	566.0	-24.2	-27.5	273.7	15.9	15.9	-1.0	293.0	295.2	0.7	73.8	9.7	101.
14.2	47.0	4536.9	558.0	-25.1	-28.4	274.0	16.0	16.0	-1.1	293.1	295.2	0.7	73.8	10.0	100.
14.6	48.0	4654.8	549.0	-26.1	-29.5	274.0	16.0	16.0	-1.1	293.2	295.1	0.6	72.8	10.3	100.
15.0	49.0	4760.9	541.0	-26.8	-30.7	273.0	16.1	16.0	-0.8	293.7	295.4	0.5	69.6	10.7	100.
15.3	50.0	4868.2	533.0	-28.0	-31.9	270.9	15.9	15.9	-0.2	293.5	295.0	0.5	68.6	11.0	100.
15.7	51.0	5004.0	523.0	-28.6	-32.7	267.6	15.5	15.5	0.7	294.3	295.8	0.5	68.0	11.4	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
2315 GMT

151 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.2	52.0	5114.3	515.0	-29.6	-33.7	263.0	15.1	15.0	1.8	294.5	295.8	0.4	67.2	11.8	99.
16.5	53.0	5225.8	507.0	-30.4	-34.5	260.5	15.1	14.8	2.5	294.9	296.1	0.4	67.1	12.1	99.
17.0	54.0	5338.7	499.0	-31.5	-35.6	258.5	15.6	15.3	3.1	294.7	295.9	0.4	67.3	12.5	98.
17.3	55.0	5452.8	491.0	-32.6	-37.0	258.0	15.9	15.5	3.3	294.8	295.8	0.3	64.4	12.8	97.
17.8	56.0	5597.5	481.0	-33.5	-38.3	257.4	16.0	15.6	3.5	295.4	296.3	0.3	61.9	13.3	97.
18.1	57.0	5700.2	474.0	-34.6	-39.7	257.1	15.9	15.5	3.6	295.3	296.2	0.3	59.3	13.5	96.
18.5	58.0	5818.9	466.0	-35.6	-41.1	257.0	15.8	15.3	3.6	295.4	296.2	0.2	57.0	13.9	96.
18.8	59.0	5924.0	459.0	-36.6	-42.6	257.1	15.7	15.3	3.5	295.6	296.2	0.2	53.2	14.1	95.
19.2	60.0	6045.6	451.0	-37.5	-43.1	257.0	15.6	15.2	3.5	295.9	296.5	0.2	55.4	14.5	95.
19.5	61.0	6153.4	444.0	-38.6	-43.9	256.7	15.5	15.1	3.6	295.8	296.4	0.2	56.6	14.8	95.
19.9	62.0	6262.3	437.0	-39.7	-45.2	254.9	15.1	14.6	3.9	295.8	296.3	0.2	55.1	15.1	94.
20.1	63.0	6372.5	430.0	-40.8	99.9	253.8	15.0	14.4	4.2	295.9	999.9	99.9	999.9	15.3	94.
20.5	64.0	6483.9	423.0	-42.0	99.9	251.3	14.8	14.0	4.8	295.7	999.9	99.9	999.9	15.6	94.
20.9	65.0	6596.7	416.0	-43.0	99.9	249.3	15.2	14.2	5.4	295.8	999.9	99.9	999.9	15.9	93.
21.3	66.0	6743.8	407.0	-44.1	99.9	248.2	15.7	14.6	5.8	296.2	999.9	99.9	999.9	16.3	92.
21.7	67.0	6859.9	400.0	-45.2	99.9	247.8	16.0	14.8	6.0	296.3	999.9	99.9	999.9	16.6	92.
22.1	68.0	6960.6	394.0	-46.3	99.9	247.9	16.0	14.8	6.0	296.1	999.9	99.9	999.9	17.0	91.
22.5	69.0	7079.3	387.0	-47.6	99.9	248.7	15.8	14.7	5.7	295.9	999.9	99.9	999.9	17.3	91.
22.9	70.0	7199.7	380.0	-48.5	99.9	249.2	16.0	15.0	5.7	296.3	999.9	99.9	999.9	17.7	90.
23.4	71.0	7339.3	372.0	-49.7	99.9	247.6	16.6	15.4	6.3	296.5	999.9	99.9	999.9	18.1	90.
23.8	72.0	7445.5	366.0	-50.4	99.9	246.1	17.2	15.7	7.0	296.9	999.9	99.9	999.9	18.5	89.
24.3	73.0	7553.1	360.0	-51.4	99.9	246.0	18.0	16.4	7.3	297.1	999.9	99.9	999.9	19.0	89.
24.8	74.0	7680.5	353.0	-52.3	99.9	247.7	18.8	17.4	7.1	297.5	999.9	99.9	999.9	19.5	88.
25.3	75.0	7791.1	347.0	-53.2	99.9	249.7	19.4	18.2	6.7	297.7	999.9	99.9	999.9	20.1	88.
25.8	76.0	7903.2	341.0	-54.3	99.9	251.7	20.0	19.0	6.3	297.7	999.9	99.9	999.9	20.6	87.
26.2	77.0	8016.9	335.0	-54.9	99.9	253.3	20.5	19.6	5.9	298.4	999.9	99.9	999.9	21.1	87.
26.7	78.0	8132.1	329.0	-55.7	99.9	254.9	21.1	20.4	5.5	298.8	999.9	99.9	999.9	21.7	86.
27.1	79.0	8249.3	323.0	-56.1	99.9	255.5	21.4	20.8	5.4	299.9	999.9	99.9	999.9	22.1	86.
27.6	80.0	8368.5	317.0	-55.9	99.9	254.7	21.4	20.6	5.6	301.8	999.9	99.9	999.9	22.9	86.
28.2	81.0	8511.1	310.0	-54.3	99.9	252.2	21.4	20.4	6.5	305.9	999.9	99.9	999.9	23.6	85.
28.6	82.0	8636.7	304.0	-53.2	99.9	250.9	21.8	20.6	7.1	309.2	999.9	99.9	999.9	24.1	85.
29.0	83.0	8743.5	299.0	-53.5	99.9	250.3	22.7	21.4	7.6	310.2	999.9	99.9	999.9	24.6	85.
29.5	84.0	8874.0	293.0	-53.2	99.9	249.9	23.7	22.2	8.1	312.5	999.9	99.9	999.9	25.1	84.
29.9	85.0	8985.0	288.0	-52.7	99.9	249.2	23.8	22.3	8.5	314.7	999.9	99.9	999.9	25.9	84.
30.5	86.0	9143.9	281.0	-52.7	99.9	249.1	24.8	23.2	8.8	316.9	999.9	99.9	999.9	26.5	84.
31.0	87.0	9259.9	276.0	-52.3	99.9	251.0	27.6	26.1	9.0	319.2	999.9	99.9	999.9	27.3	83.
31.5	88.0	9402.3	270.0	-51.7	99.9	252.0	29.7	28.3	9.2	322.1	999.9	99.9	999.9	28.3	83.
32.0	89.0	9523.7	265.0	-51.2	99.9	250.6	29.4	27.7	9.8	324.5	999.9	99.9	999.9	29.2	83.
32.5	90.0	9647.6	260.0	-50.9	99.9	247.2	28.3	26.1	10.9	326.7	999.9	99.9	999.9	30.1	82.
33.0	91.0	9774.1	255.0	-50.6	99.9	244.5	28.9	26.1	12.5	329.0	999.9	99.9	999.9	30.7	82.
33.3	92.0	9903.0	250.0	-51.4	99.9	244.3	30.1	27.1	13.0	329.7	999.9	99.9	999.9	31.3	81.
33.9	93.0	10034.2	245.0	-51.4	99.9	245.5	31.3	28.5	13.0	331.6	999.9	99.9	999.9	32.4	81.
34.4	94.0	10168.2	240.0	-51.4	99.9	247.3	31.3	28.9	12.1	333.6	999.9	99.9	999.9	33.3	80.
34.9	95.0	10304.9	235.0	-51.7	99.9	248.3	31.6	29.4	11.7	335.2	999.9	99.9	999.9	34.2	80.
35.6	96.0	10444.2	230.0	-52.4	99.9	248.7	31.8	29.6	11.5	336.1	999.9	99.9	999.9	35.6	80.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
2315 GMT

151 21. 0

TIME MIN	CNTCT	HFIGHT GPM	FRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.1	97.0	10586.2	225.0	-52.6	99.9	249.4	31.6	29.6	11.1	337.9	999.9	99.9	999.9	36.5	79.
36.4	98.0	10731.5	220.0	-52.4	99.9	250.0	33.3	31.3	11.4	340.4	999.9	99.9	999.9	37.7	79.
37.3	99.0	10850.2	216.0	-52.3	99.9	249.5	34.2	32.0	12.0	342.4	999.9	99.9	999.9	38.8	79.
37.9	100.0	11001.7	211.0	-52.3	99.9	247.7	32.4	30.0	12.3	344.7	999.9	99.9	999.9	40.1	79.
38.6	101.0	11157.0	206.0	-51.8	99.9	245.2	30.8	28.0	12.9	347.8	999.9	99.9	999.9	41.2	78.
39.1	102.0	11284.1	202.0	-51.8	99.9	244.8	31.0	28.1	13.2	349.7	999.9	99.9	999.9	42.2	78.
39.7	103.0	11446.5	197.0	-52.1	99.9	245.4	29.5	26.8	12.3	351.8	999.9	99.9	999.9	43.3	77.
40.2	104.0	11579.2	193.0	-52.4	99.9	245.8	27.5	25.1	11.3	353.3	999.9	99.9	999.9	44.2	77.
40.8	105.0	11714.5	189.0	-52.7	99.9	245.1	28.7	26.0	12.1	355.0	999.9	99.9	999.9	45.0	77.
41.2	106.0	11852.6	185.0	-52.9	99.9	244.6	31.8	28.7	13.7	356.9	999.9	99.9	999.9	45.7	77.
41.8	107.0	11993.3	181.0	-54.0	99.9	244.9	36.0	32.6	15.3	357.3	999.9	99.9	999.9	46.9	77.
42.3	108.0	12136.7	177.0	-54.1	99.9	246.2	35.5	32.5	14.3	359.4	999.9	99.9	999.9	48.1	76.
42.9	109.0	12283.2	173.0	-54.5	99.9	248.4	31.6	29.3	11.6	361.2	999.9	99.9	999.9	49.3	76.
43.6	110.0	12433.1	169.0	-54.5	99.9	249.8	30.5	28.6	10.5	363.6	999.9	99.9	999.9	50.5	76.
44.2	111.0	12586.4	165.0	-54.8	99.9	249.7	34.9	32.7	12.1	365.6	999.9	99.9	999.9	51.6	76.
44.8	112.0	12743.4	161.0	-54.8	99.9	249.5	38.3	35.9	13.4	368.2	999.9	99.9	999.9	53.0	76.
45.3	113.0	12904.1	157.0	-55.3	99.9	249.2	34.8	32.5	12.4	370.0	999.9	99.9	999.9	54.4	75.
45.9	114.0	13027.1	154.0	-55.7	99.9	248.2	27.0	25.0	10.0	371.2	999.9	99.9	999.9	55.3	75.
46.5	115.0	13194.6	150.0	-56.1	99.9	247.7	25.1	23.3	9.5	373.5	999.9	99.9	999.9	56.0	75.
47.2	116.0	13366.4	146.0	-56.2	99.9	249.9	33.4	31.4	11.5	376.1	999.9	99.9	999.9	57.2	75.
47.9	117.0	13542.7	142.0	-56.6	99.9	252.3	40.7	38.8	12.4	378.5	999.9	99.9	999.9	59.1	75.
48.5	118.0	13678.1	139.0	-56.9	99.9	254.0	38.8	37.3	10.7	380.3	999.9	99.9	999.9	60.4	75.
49.1	119.0	13863.0	135.0	-57.1	99.9	254.8	32.1	31.0	8.4	383.2	999.9	99.9	999.9	61.8	75.
49.8	120.0	14005.4	132.0	-56.4	99.9	255.1	25.0	24.1	6.4	386.8	999.9	99.9	999.9	62.9	75.
50.3	121.0	14151.3	129.0	-56.6	99.9	255.9	22.5	21.8	5.5	389.1	999.9	99.9	999.9	63.5	75.
50.9	122.0	14351.3	125.0	-56.2	99.9	258.1	22.9	22.4	4.7	393.2	999.9	99.9	999.9	64.4	75.
51.6	123.0	14505.7	122.0	-56.1	99.9	260.2	28.0	27.6	4.8	396.2	999.9	99.9	999.9	65.2	75.
52.3	124.0	14664.3	119.0	-55.4	99.9	259.8	33.7	33.2	6.0	400.2	999.9	99.9	999.9	66.7	75.
53.1	125.0	14827.1	116.0	-55.4	99.9	256.7	37.3	36.3	8.6	403.2	999.9	99.9	999.9	68.4	75.
53.9	126.0	15050.6	112.0	-55.9	99.9	255.4	36.5	35.4	9.2	406.3	999.9	99.9	999.9	70.3	75.
54.6	127.0	15223.5	109.0	-55.6	99.9	256.8	28.3	27.5	6.5	410.1	999.9	99.9	999.9	71.8	75.
55.3	128.0	15401.5	106.0	-55.4	99.9	258.8	21.3	20.9	4.1	413.7	999.9	99.9	999.9	72.7	75.
56.1	129.0	15584.4	103.0	-55.7	99.9	257.3	22.9	22.3	5.0	416.5	999.9	99.9	999.9	73.5	75.
56.8	130.0	15772.5	100.0	-56.1	99.9	258.1	25.5	25.0	5.3	419.4	999.9	99.9	999.9	74.7	75.
57.7	131.0	15966.0	97.0	-56.6	99.9	260.8	21.9	21.6	3.5	422.1	999.9	99.9	999.9	76.0	75.
58.4	132.0	16165.0	94.0	-57.2	99.9	259.9	21.3	20.9	3.7	424.6	999.9	99.9	999.9	76.9	75.
59.2	133.0	16369.9	91.0	-57.7	99.9	257.5	25.2	24.6	5.4	427.6	999.9	99.9	999.9	77.8	75.
60.0	134.0	16581.1	88.0	-58.2	99.9	260.0	28.3	27.9	4.9	430.7	999.9	99.9	999.9	79.5	75.
60.8	135.0	16726.0	86.0	-57.9	99.9	261.2	25.5	25.2	3.9	434.2	999.9	99.9	999.9	80.6	76.
61.9	136.0	16950.0	83.0	-57.6	99.9	256.4	24.5	23.8	5.8	439.3	999.9	99.9	999.9	82.0	76.
62.9	137.0	17261.4	79.0	-58.2	99.9	254.5	29.9	28.8	8.0	444.2	999.9	99.9	999.9	84.0	76.
63.9	138.0	17504.9	76.0	-58.8	99.9	252.5	28.8	27.5	8.7	448.1	999.9	99.9	999.9	85.3	76.
64.9	139.0	17757.3	73.0	-59.6	99.9	255.3	26.6	25.7	6.8	451.4	999.9	99.9	999.9	87.3	76.
65.8	140.0	18019.3	70.0	-60.3	99.9	258.8	23.6	23.2	4.6	455.4	999.9	99.9	999.9	88.6	76.
66.7	141.0	18292.2	67.0	-60.7	99.9	258.7	24.8	24.3	4.9	460.3	999.9	99.9	999.9	89.9	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

6 FEBRUARY 1975  
2315 GMT

151 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.8	142.0	18576.7	64.0	-61.6	99.9	255.8	31.0	30.1	7.6	464.4	999.9	99.9	999.9	91.8	76.
68.8	143.0	18874.2	61.0	-61.6	99.9	255.7	26.5	25.6	6.5	470.9	999.9	99.9	999.9	93.5	76.
69.8	144.0	19186.4	58.0	-62.1	99.9	255.9	24.2	23.5	5.9	476.5	999.9	99.9	999.9	95.0	76.
70.9	145.0	19513.2	55.0	-64.0	99.9	260.0	21.4	21.1	3.7	479.5	999.9	99.9	999.9	96.6	76.
71.9	146.0	19740.0	53.0	-64.4	99.9	262.6	21.5	21.3	2.8	483.7	999.9	99.9	999.9	97.7	76.
73.1	147.0	20096.1	50.0	-64.6	99.9	266.8	23.1	23.0	1.3	491.4	999.9	99.9	999.9	99.4	76.
74.5	148.0	20473.9	47.0	-64.9	99.9	258.4	22.3	21.9	4.5	499.2	999.9	99.9	999.9	101.2	76.
75.9	149.0	20876.1	44.0	-64.9	99.9	256.1	33.4	32.4	8.0	508.7	999.9	99.9	999.9	103.2	76.
77.2	150.0	21307.2	41.0	-64.6	99.9	258.7	29.8	29.3	5.8	520.1	999.9	99.9	999.9	106.1	76.
78.6	151.0	21771.0	38.0	-64.9	99.9	262.1	22.8	22.6	3.1	530.5	999.9	99.9	999.9	108.3	76.
80.0	152.0	22101.5	36.0	-64.0	99.9	267.2	21.2	21.2	1.0	541.3	999.9	99.9	999.9	110.0	76.
81.9	153.0	22635.4	33.0	-63.4	99.9	266.9	24.7	24.6	1.3	556.4	999.9	99.9	999.9	112.5	77.
83.7	154.0	23218.6	30.0	-64.9	99.9	260.5	27.3	26.9	4.5	567.6	999.9	99.9	999.9	115.3	77.
85.5	155.0	23861.9	27.0	-64.6	99.9	261.9	26.9	26.7	3.8	586.1	999.9	99.9	999.9	118.4	77.
87.8	156.0	24585.5	24.0	-62.3	99.9	264.7	26.5	26.4	2.4	612.7	999.9	99.9	999.9	121.9	77.
90.2	157.0	25412.7	21.0	-61.0	99.9	999.9	99.9	99.9	99.9	640.4	999.9	99.9	999.9	999.9	999.

STATION NO. 429  
DAYTON, OHIO

7 FEBRUARY 1975  
515 GMT

155 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	KM PCT	RANGE KM	AZ DG
0.0	7.2	298.0	979.6	-7.8	-13.6	300.0	7.2	6.2	-3.6	267.1	270.7	1.4	63.0	0.0	0.
0.3	8.0	366.5	971.0	-8.7	-13.7	279.5	13.0	12.8	-2.1	266.9	270.4	1.4	66.8	0.2	90.
0.7	9.0	462.7	959.0	-9.5	-14.0	279.7	12.4	12.3	-2.1	266.9	270.4	1.3	69.9	0.4	94.
1.0	10.0	559.9	947.0	-10.2	-13.2	280.0	11.7	11.5	-2.0	267.3	271.1	1.5	78.2	0.6	96.
1.4	11.0	674.5	933.0	-11.4	-12.8	281.9	10.1	9.9	-2.1	267.1	271.1	1.5	89.3	0.9	97.
1.8	12.0	773.6	921.0	-12.4	-13.2	284.9	9.0	8.7	-2.3	267.1	271.0	1.5	94.3	1.1	98.
2.1	13.0	865.3	910.0	-13.3	-13.4	287.4	8.6	8.2	-2.6	267.2	271.1	1.5	99.1	1.3	99.
2.5	14.0	966.2	898.0	-14.3	-14.3	289.5	9.2	8.7	-3.1	267.2	270.8	1.4	100.6	1.4	101.
2.8	15.0	1059.7	887.0	-14.8	-19.0	290.8	10.0	9.3	-3.6	267.5	270.0	1.0	70.5	1.6	102.
3.2	16.0	1179.9	873.0	-15.6	-25.5	292.8	10.4	9.6	-4.0	267.8	269.3	0.5	42.2	1.9	103.
3.6	17.0	1275.9	862.0	-14.1	-25.8	294.6	10.8	9.8	-4.5	270.3	271.9	0.5	36.4	2.1	104.
4.0	18.0	1373.4	851.0	-14.0	-25.9	294.6	12.4	11.3	-5.2	271.5	273.0	0.5	35.6	2.4	106.
4.3	19.0	1472.4	840.0	-13.0	-25.7	293.3	13.1	12.0	-5.2	273.5	275.1	0.6	33.3	2.6	106.
4.7	20.0	1563.6	830.0	-13.1	-25.8	289.8	13.2	12.4	-4.5	274.3	275.9	0.6	33.6	3.0	107.
5.2	21.0	1683.9	817.0	-13.3	-25.8	283.3	12.7	12.4	-2.9	275.4	277.0	0.6	33.9	3.3	107.
5.6	22.0	1787.0	806.0	-13.7	-23.0	279.3	12.7	12.6	-2.1	276.0	278.1	0.7	45.0	3.6	106.
5.9	23.0	1882.0	796.0	-13.0	-22.7	276.9	12.5	12.4	-1.5	277.8	280.0	0.8	43.9	3.9	106.
6.3	24.0	1988.1	785.0	-13.1	-22.8	272.1	12.9	12.9	-0.5	278.7	281.0	0.8	44.0	4.2	105.
6.6	25.0	2085.7	775.0	-13.7	-23.0	268.7	13.5	13.5	0.3	279.2	281.4	0.8	45.2	4.4	104.
7.0	26.0	2214.3	762.0	-13.8	-22.7	265.3	14.4	14.3	1.2	280.4	282.7	0.8	46.8	4.7	103.
7.3	27.0	2314.7	752.0	-13.7	-17.1	262.9	14.6	14.5	1.8	281.6	285.3	1.3	75.1	5.0	102.
7.6	28.0	2416.5	742.0	-13.8	-15.8	260.4	14.8	14.6	2.5	282.6	286.8	1.5	85.1	5.2	101.
7.9	29.0	2519.5	732.0	-14.5	-16.3	258.0	15.0	14.7	3.1	282.9	287.0	1.5	86.2	5.5	100.
8.3	30.0	2623.6	722.0	-15.4	-16.9	256.4	14.9	14.5	3.5	283.1	287.0	1.4	87.6	5.8	98.
8.6	31.0	2718.3	713.0	-15.9	-17.3	256.2	14.8	14.4	3.5	283.5	287.4	1.4	89.2	6.0	97.
8.9	32.0	2824.7	703.0	-16.5	-17.5	257.0	14.7	14.3	3.3	284.0	287.9	1.4	91.6	6.3	97.
9.2	33.0	2932.5	693.0	-16.7	-17.7	257.6	14.7	14.3	3.2	284.9	288.8	1.4	92.4	6.5	96.
9.6	34.0	3030.6	684.0	-17.3	-18.0	257.9	14.7	14.4	3.1	285.4	289.2	1.4	94.3	6.9	95.
9.9	35.0	3152.0	673.0	-18.0	-18.6	257.5	14.8	14.5	3.2	285.9	289.7	1.3	95.1	7.1	94.
10.3	36.0	3275.2	662.0	-18.7	-19.1	257.4	14.8	14.4	3.2	286.5	290.1	1.3	96.0	7.5	94.
10.6	37.0	3388.6	652.0	-19.3	-19.8	257.7	14.7	14.3	3.1	287.0	290.5	1.2	96.3	7.7	93.
10.9	38.0	3491.8	643.0	-20.0	-20.3	258.9	14.6	14.3	2.8	287.3	290.8	1.2	97.4	8.0	92.
11.2	39.0	3596.3	634.0	-20.7	-21.0	260.6	14.7	14.5	2.4	287.7	291.0	1.1	97.1	8.2	92.
11.6	40.0	3701.9	625.0	-21.3	-21.8	263.1	15.2	15.1	1.8	288.1	291.2	1.1	96.1	8.6	92.
12.0	41.0	3832.8	614.0	-22.0	-22.6	265.2	16.0	16.0	1.3	288.8	291.8	1.0	94.5	8.9	91.
12.3	42.0	3941.3	605.0	-22.8	-23.6	266.1	16.6	16.6	1.1	289.1	291.9	0.9	93.0	9.2	91.
12.7	43.0	4051.2	596.0	-23.5	-24.4	266.4	17.3	17.3	1.1	289.6	292.2	0.9	92.2	9.6	91.
13.0	44.0	4149.9	588.0	-24.1	-25.3	266.1	17.7	17.7	1.2	289.9	292.4	0.8	89.8	9.9	91.
13.3	45.0	4262.3	579.0	-25.1	-26.8	265.0	17.9	17.9	1.6	290.1	292.3	0.7	85.7	10.3	91.
13.7	46.0	4363.2	571.0	-25.9	-27.9	263.5	18.1	18.0	2.0	290.3	292.4	0.7	82.6	10.7	90.
14.1	47.0	4478.2	562.0	-26.5	-31.9	262.1	18.0	17.9	2.5	290.8	292.3	0.5	60.2	11.2	90.
14.4	48.0	4581.7	554.0	-27.0	-34.4	261.2	18.0	17.7	2.8	291.4	292.6	0.4	49.3	11.5	90.
14.8	49.0	4699.5	545.0	-28.1	-35.4	259.5	17.8	17.5	3.2	291.5	292.6	0.3	49.2	11.9	90.
15.2	50.0	4792.2	538.0	-29.1	-37.3	257.8	17.8	17.4	3.7	291.3	292.2	0.3	45.0	12.3	89.
15.7	51.0	4926.1	528.0	-29.9	-39.1	256.3	18.2	17.6	4.3	291.9	292.7	0.2	40.1	12.8	89.

\* BY SPFFD MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

7 FEBRUARY 1975  
515 GMT

155 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.0	52.0	5034.7	520.0	-30.6	-40.6	255.8	18.6	18.0	4.6	292.4	293.1	0.2	36.6	13.2	88.
16.5	53.0	5144.6	512.0	-31.6	-41.5	255.1	19.4	18.8	5.0	292.4	293.1	0.2	36.6	13.7	88.
16.9	54.0	5255.8	504.0	-32.6	-42.6	254.2	19.7	18.9	5.4	292.6	293.2	0.2	35.7	14.2	87.
17.2	55.0	5368.5	496.0	-33.1	-44.4	253.6	19.7	18.9	5.6	293.3	293.8	0.1	30.9	14.5	87.
17.8	56.0	5497.0	487.0	-34.0	-47.4	252.9	19.8	19.0	5.8	293.7	294.1	0.1	24.1	15.2	86.
18.2	57.0	5612.8	479.0	-34.8	-48.2	253.4	20.3	19.4	5.8	294.1	294.5	0.1	23.8	15.6	86.
18.6	58.0	5715.4	472.0	-35.9	-49.3	254.4	20.8	20.0	5.6	294.1	294.4	0.1	23.4	16.2	86.
18.9	59.0	5819.1	465.0	-36.5	-50.0	255.0	21.0	20.3	5.4	294.5	294.8	0.1	23.1	16.6	85.
19.3	60.0	5939.0	457.0	-37.9	-51.0	255.5	21.2	20.5	5.3	294.3	294.5	0.1	23.5	17.0	85.
19.7	61.0	6045.3	450.0	-38.5	-51.6	255.7	21.2	20.6	5.2	294.7	295.0	0.1	23.6	17.5	85.
20.1	62.0	6152.8	443.0	-39.4	-52.4	255.6	21.2	20.5	5.3	295.0	295.3	0.1	23.2	18.1	85.
20.5	63.0	6261.7	436.0	-40.0	99.9	255.2	21.1	20.4	5.4	295.6	999.9	99.9	999.9	18.6	84.
21.1	64.0	6371.9	429.0	-41.3	99.9	255.4	21.8	21.1	5.5	295.4	999.9	99.9	999.9	19.2	84.
21.5	65.0	6483.6	422.0	-41.8	99.9	256.2	22.3	21.7	5.3	296.1	999.9	99.9	999.9	19.9	84.
21.9	66.0	6629.5	413.0	-42.4	99.9	257.6	22.4	21.8	4.8	297.2	999.9	99.9	999.9	20.4	84.
22.4	67.0	6728.2	407.0	-43.5	99.9	259.8	22.2	21.9	3.9	297.0	999.9	99.9	999.9	21.0	83.
22.8	68.0	6844.6	400.0	-44.4	99.9	261.3	21.7	21.4	3.3	297.2	999.9	99.9	999.9	21.6	83.
23.2	69.0	6962.6	393.0	-45.4	99.9	262.2	20.9	20.7	2.8	297.5	999.9	99.9	999.9	22.1	83.
23.5	70.0	7065.1	387.0	-46.1	99.9	262.5	20.2	20.0	2.6	297.8	999.9	99.9	999.9	22.5	83.
24.1	71.0	7203.8	379.0	-46.9	99.9	261.9	21.3	21.1	3.0	298.7	999.9	99.9	999.9	23.1	83.
24.5	72.0	7327.1	372.0	-47.6	99.9	261.6	22.9	22.6	3.3	299.3	999.9	99.9	999.9	23.7	83.
24.9	73.0	7434.3	366.0	-48.6	99.9	261.5	23.3	23.0	3.5	299.3	999.9	99.9	999.9	24.3	83.
25.3	74.0	7542.9	360.0	-49.2	99.9	261.3	22.8	22.5	3.5	300.0	999.9	99.9	999.9	24.8	83.
25.7	75.0	7671.4	353.0	-50.4	99.9	260.8	22.0	21.8	3.5	300.1	999.9	99.9	999.9	25.4	83.
26.1	76.0	7783.0	347.0	-51.1	99.9	260.0	21.7	21.3	3.8	300.5	999.9	99.9	999.9	25.9	83.
26.6	77.0	7896.2	341.0	-52.0	99.9	258.2	22.4	21.9	4.6	300.8	999.9	99.9	999.9	26.5	83.
27.0	78.0	8011.1	335.0	-52.7	99.9	256.4	23.6	22.9	5.5	301.5	999.9	99.9	999.9	27.0	83.
27.4	79.0	8127.6	329.0	-53.4	99.9	254.4	24.3	23.4	6.5	302.0	999.9	99.9	999.9	27.7	83.
27.8	80.0	8226.0	324.0	-54.1	99.9	253.0	24.4	23.3	7.1	302.4	999.9	99.9	999.9	28.2	83.
28.5	81.0	8386.4	316.0	-54.2	99.9	253.5	24.1	23.1	6.8	304.4	999.9	99.9	999.9	29.3	82.
28.9	82.0	8488.6	311.0	-54.5	99.9	255.4	24.6	23.8	6.2	305.3	999.9	99.9	999.9	29.8	82.
29.4	83.0	8613.4	305.0	-54.1	99.9	256.9	25.6	25.0	5.8	307.7	999.9	99.9	999.9	30.5	82.
29.8	84.0	8719.5	300.0	-53.9	99.9	257.4	25.9	25.3	5.7	309.4	999.9	99.9	999.9	31.2	82.
30.3	85.0	8827.5	295.0	-53.9	99.9	258.2	27.1	26.5	5.5	310.9	999.9	99.9	999.9	32.0	82.
30.8	86.0	8981.9	288.0	-53.3	99.9	259.3	30.1	29.5	5.6	313.9	999.9	99.9	999.9	32.6	82.
31.3	87.0	9117.6	282.0	-52.8	99.9	260.0	31.8	31.4	5.5	316.5	999.9	99.9	999.9	33.8	82.
31.7	88.0	9233.2	277.0	-52.5	99.9	260.2	30.9	30.5	5.3	318.5	999.9	99.9	999.9	34.7	81.
32.3	89.0	9351.1	272.0	-51.9	99.9	259.7	28.9	28.4	5.2	321.1	999.9	99.9	999.9	35.5	81.
32.7	90.0	9471.3	267.0	-52.0	99.9	259.1	29.2	28.7	5.5	322.6	999.9	99.9	999.9	36.2	81.
33.2	91.0	9593.6	262.0	-52.4	99.9	258.8	31.0	30.4	6.0	323.9	999.9	99.9	999.9	37.2	81.
33.7	92.0	9718.5	257.0	-51.4	99.9	259.0	32.4	31.8	6.2	327.0	999.9	99.9	999.9	38.1	81.
34.2	93.0	9846.3	252.0	-50.5	99.9	258.7	32.2	31.6	6.3	330.2	999.9	99.9	999.9	39.2	81.
34.7	94.0	9977.2	247.0	-49.8	99.9	256.8	30.2	29.5	6.9	333.2	999.9	99.9	999.9	40.1	81.
35.3	95.0	10111.1	242.0	-49.5	99.9	253.0	29.6	28.3	8.7	335.6	999.9	99.9	999.9	41.1	81.
35.9	96.0	10247.9	237.0	-49.5	99.9	251.3	33.4	31.7	10.7	337.6	999.9	99.9	999.9	42.0	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

7 FEBRUARY 1975  
515 GMT

155 16. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.4	97.0	10387.7	232.0	-49.0	99.9	251.4	36.3	34.4	11.6	340.4	999.9	99.9	999.9	43.2	81.
36.9	98.0	10530.8	227.0	-48.9	99.9	251.3	35.8	33.9	11.5	342.7	999.9	99.9	999.9	44.5	80.
37.5	99.0	10647.6	223.0	-48.9	99.9	252.1	34.4	32.8	10.6	344.5	999.9	99.9	999.9	45.5	80.
38.0	100.0	10796.4	218.0	-49.2	99.9	254.2	35.4	34.0	9.6	346.3	999.9	99.9	999.9	46.5	80.
38.6	101.0	10948.6	213.0	-49.3	99.9	256.2	35.1	34.1	8.4	348.3	999.9	99.9	999.9	48.0	80.
39.2	102.0	11072.9	209.0	-49.3	99.9	257.4	32.8	32.0	7.1	350.2	999.9	99.9	999.9	49.1	80.
39.7	103.0	11231.7	204.0	-49.2	99.9	257.2	29.5	28.8	6.6	352.9	999.9	99.9	999.9	50.1	80.
40.2	104.0	11361.5	200.0	-49.5	99.9	254.8	25.5	24.6	6.7	354.4	999.9	99.9	999.9	51.0	80.
40.7	105.0	11493.7	196.0	-49.9	99.9	251.3	23.4	22.1	7.5	355.8	999.9	99.9	999.9	51.6	80.
41.2	106.0	11628.3	192.0	-50.7	99.9	249.4	24.4	22.8	8.6	356.7	999.9	99.9	999.9	52.2	79.
41.7	107.0	11765.3	188.0	-51.3	99.9	248.9	26.6	24.8	9.5	357.8	999.9	99.9	999.9	53.0	79.
42.2	108.0	11904.7	184.0	-52.4	99.9	249.2	28.5	26.6	10.1	358.3	999.9	99.9	999.9	53.9	79.
42.8	109.0	12046.9	180.0	-52.2	99.9	251.6	32.0	30.4	10.1	360.8	999.9	99.9	999.9	54.8	79.
43.4	110.0	12192.3	176.0	-52.5	99.9	254.8	35.4	34.2	9.3	362.7	999.9	99.9	999.9	56.0	79.
44.1	111.0	12340.8	172.0	-52.5	99.9	256.8	33.0	32.2	7.5	365.0	999.9	99.9	999.9	57.8	79.
44.7	112.0	12493.1	168.0	-52.0	99.9	258.0	29.4	28.8	6.1	368.3	999.9	99.9	999.9	58.7	79.
45.3	113.0	12649.2	164.0	-51.9	99.9	258.5	29.1	28.5	5.8	371.1	999.9	99.9	999.9	59.7	79.
45.9	114.0	12768.9	161.0	-51.9	99.9	257.6	30.4	29.7	6.5	373.0	999.9	99.9	999.9	60.7	79.
46.5	115.0	12931.7	157.0	-52.4	99.9	255.0	28.9	27.9	7.5	375.0	999.9	99.9	999.9	62.1	79.
47.4	116.0	13098.8	153.0	-51.9	99.9	251.2	28.0	26.5	9.0	378.5	999.9	99.9	999.9	63.4	79.
48.1	117.0	13270.2	149.0	-52.7	99.9	250.8	35.5	33.5	11.7	380.1	999.9	99.9	999.9	64.4	78.
48.7	118.0	13401.5	146.0	-53.0	99.9	250.3	40.5	38.1	13.6	381.8	999.9	99.9	999.9	66.1	78.
49.1	119.0	13580.2	142.0	-54.1	99.9	251.0	37.1	35.1	12.1	382.9	999.9	99.9	999.9	67.6	78.
49.8	120.0	13717.1	139.0	-54.4	99.9	252.8	31.1	29.7	9.2	384.7	999.9	99.9	999.9	68.6	78.
50.4	121.0	13856.9	136.0	-54.4	99.9	254.3	26.5	25.5	7.1	387.1	999.9	99.9	999.9	69.6	78.
51.1	122.0	13999.7	133.0	-55.0	99.9	255.5	28.7	27.8	7.2	388.4	999.9	99.9	999.9	70.4	78.
51.8	123.0	14194.5	129.0	-55.7	99.9	257.2	31.6	30.8	7.0	390.7	999.9	99.9	999.9	71.9	78.
52.4	124.0	14344.1	126.0	-56.3	99.9	257.6	31.6	30.9	6.8	392.1	999.9	99.9	999.9	73.2	78.
53.1	125.0	14497.2	123.0	-56.2	99.9	256.3	31.9	31.0	7.5	395.1	999.9	99.9	999.9	74.3	78.
53.9	126.0	14707.2	119.0	-56.5	99.9	255.3	32.2	31.1	8.2	398.3	999.9	99.9	999.9	75.9	78.
54.6	127.0	14869.3	116.0	-56.5	99.9	256.6	28.9	28.1	6.7	401.2	999.9	99.9	999.9	77.4	78.
55.2	128.0	15035.5	113.0	-56.6	99.9	257.5	26.1	25.5	5.6	403.9	999.9	99.9	999.9	78.2	78.
55.9	129.0	15205.8	110.0	-57.5	99.9	257.7	28.4	27.8	6.1	405.5	999.9	99.9	999.9	79.1	78.
56.6	130.0	15380.4	107.0	-57.6	99.9	258.3	27.9	27.4	5.7	408.4	999.9	99.9	999.9	80.8	78.
57.4	131.0	15559.8	104.0	-58.0	99.9	262.1	26.0	25.8	3.6	411.1	999.9	99.9	999.9	81.7	78.
58.1	132.0	15744.3	101.0	-57.8	99.9	263.7	31.0	30.8	3.4	414.9	999.9	99.9	999.9	82.8	78.
58.8	133.0	15934.5	98.0	-57.8	99.9	264.3	28.9	28.7	2.9	418.5	999.9	99.9	999.9	84.4	78.
59.5	134.0	16130.7	95.0	-57.6	99.9	265.8	25.3*	25.3	1.9	422.5	999.9	99.9	999.9	85.4	78.
60.3	135.0	16265.1	93.0	-57.5	99.9	263.8	28.6*	28.4	3.1	425.4	999.9	99.9	999.9	86.7	78.
61.3	136.0	16542.3	89.0	-58.3	99.9	264.2	23.8*	23.7	2.4	429.1	999.9	99.9	999.9	88.4	78.
62.3	137.0	16757.9	86.0	-58.7	99.9	260.9	25.9*	25.6	4.1	432.7	999.9	99.9	999.9	89.5	78.
63.4	138.0	16981.5	83.0	-57.6	99.9	258.1	24.6*	24.1	5.1	439.2	999.9	99.9	999.9	91.6	78.
64.4	139.0	17213.4	80.0	-58.5	99.9	252.1	22.0*	20.9	6.8	442.1	999.9	99.9	999.9	92.8	78.
65.3	140.0	17453.4	77.0	-59.0	99.9	247.0	22.6*	20.8	8.9	445.9	999.9	99.9	999.9	94.0	78.
66.3	141.0	17701.9	74.0	-60.4	99.9	247.7	20.7*	19.1	7.8	448.0	999.9	99.9	999.9	95.3	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 429  
DAYTON, OHIO

7 FEBRUARY 1975  
515 GMT

155 16. 0

TIME MIN	CNTCT	HEIGHT GPM	FRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.5	142.0	17959.7	71.0	-60.6	99.9	249.7	18.5*	17.4	6.4	453.0	999.9	99.9	999.9	96.7	78.
68.8	143.0	18228.3	68.0	-60.9	99.9	257.6	20.4*	19.9	4.4	457.8	999.9	99.9	999.9	98.1	78.
69.9	144.0	18508.5	65.0	-61.3	99.9	259.6	23.8*	23.4	4.3	463.0	999.9	99.9	999.9	99.6	78.
70.9	145.0	18801.8	62.0	-61.3	99.9	264.0	26.2*	26.0	2.8	469.3	999.9	99.9	999.9	101.1	78.
71.9	146.0	19109.1	59.0	-62.0	99.9	266.2	27.3*	27.3	1.8	474.4	999.9	99.9	999.9	102.7	78.
72.9	147.0	19431.4	56.0	-62.6	99.9	261.2	26.3*	26.0	4.0	480.3	999.9	99.9	999.9	104.4	78.
74.1	148.0	19770.7	53.0	-62.9	99.9	258.1	26.5*	25.9	5.5	487.0	999.9	99.9	999.9	106.2	78.
75.2	149.0	20130.0	50.0	-62.4	99.9	258.1	26.6*	26.0	5.5	496.5	999.9	99.9	999.9	108.0	78.
76.5	150.0	20510.7	47.0	-63.9	99.9	258.1	26.9*	26.3	5.5	501.8	999.9	99.9	999.9	110.0	78.
77.7	151.0	20913.9	44.0	-65.0	99.9	259.5	25.0*	24.5	4.5	508.5	999.9	99.9	999.9	112.0	78.
79.3	152.0	21198.3	42.0	-63.9	99.9	272.6	30.8*	30.7	-1.4	518.2	999.9	99.9	999.9	114.7	78.
80.7	153.0	21655.6	39.0	-61.1	99.9	268.4	27.8*	27.8	0.8	536.3	999.9	99.9	999.9	117.0	79.
82.3	154.0	22153.3	36.0	-60.6	99.9	250.4	26.7*	25.1	9.0	550.1	999.9	99.9	999.9	119.6	79.
84.1	155.0	22691.4	33.0	-63.5	99.9	247.8	27.3*	25.3	10.3	556.2	999.9	99.9	999.9	122.4	78.
85.9	156.0	23273.0	30.0	-66.2	99.9	253.5	21.8*	20.9	6.2	564.2	999.9	99.9	999.9	125.3	78.
88.2	157.0	23689.1	28.0	-68.3	99.9	256.4	20.5*	20.0	4.8	569.7	999.9	99.9	999.9	127.6	78.
90.5	158.0	24369.3	25.0	-68.3	99.9	257.5	27.0*	26.4	5.8	588.5	999.9	99.9	999.9	131.0	78.
92.8	159.0	25142.2	22.0	-65.2	99.9	262.4	26.1*	25.8	3.5	619.5	999.9	99.9	999.9	134.9	78.
96.1	160.0	26042.0	19.0	-62.0	99.9	264.5	25.4*	25.3	2.4	655.9	999.9	99.9	999.9	139.6	78.
99.4	161.0	27107.1	16.0	-61.1	99.9	999.9	99.9	99.9	99.9	691.9	999.9	99.9	999.9	999.9	999.

STATION NO. 429  
DAYTON, OHIO

7 FEBRUARY 1975  
1115 GMT

150 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	298.0	982.7	-12.1	-16.6	290.0	3.1	2.9	-1.1	262.5	265.3	1.1	69.0	0.0	0.
0.4	8.0	381.6	972.0	-12.9	-15.4	254.6	7.8	7.5	2.1	262.5	265.6	1.2	81.7	0.1	79.
0.6	9.0	476.2	960.0	-14.1	-15.4	257.6	7.9	7.7	1.7	262.3	265.4	1.2	89.3	0.2	78.
1.0	10.0	571.6	948.0	-14.9	-15.9	268.6	8.6	8.6	0.2	262.4	265.4	1.2	92.0	0.4	76.
1.4	11.0	692.3	933.0	-14.9	-15.5	265.4	8.8	8.5	-2.3	263.6	266.8	1.2	94.6	0.6	85.
1.6	12.0	790.3	921.0	-15.0	-15.7	290.0	8.8	8.3	-3.0	264.4	267.6	1.2	94.3	0.7	89.
2.0	13.0	889.4	909.0	-15.7	-16.5	293.1	8.2	7.5	-3.2	264.7	267.7	1.2	93.5	0.9	96.
2.3	14.0	989.5	897.0	-16.3	-17.0	291.9	7.5	7.0	-2.8	265.1	268.1	1.1	94.3	1.0	97.
2.6	15.0	1082.3	886.0	-17.2	-21.4	293.0	7.3	6.8	-2.9	265.0	267.1	0.8	70.0	1.2	98.
3.1	16.0	1201.8	872.0	-17.0	-25.9	299.7	9.1	7.9	-4.5	266.5	268.0	0.5	45.3	1.4	102.
3.4	17.0	1305.8	860.0	-16.8	-29.1	300.3	10.7	9.2	-5.4	267.7	268.8	0.4	33.2	1.5	104.
3.8	18.0	1402.4	849.0	-17.1	-30.2	295.9	12.5	11.2	-5.4	268.4	269.4	0.4	30.7	1.8	106.
4.1	19.0	1509.3	837.0	-16.7	-31.1	291.4	13.6	12.7	-5.0	269.9	270.9	0.3	27.2	2.0	107.
4.3	20.0	1608.8	826.0	-16.4	-30.3	287.6	14.2	13.5	-4.3	271.2	272.3	0.4	28.7	2.2	107.
4.7	21.0	1728.0	813.0	-16.8	-30.4	282.6	15.0	14.7	-3.3	272.0	273.1	0.4	29.4	2.6	107.
5.1	22.0	1839.6	801.0	-17.2	-27.4	280.6	15.6	15.3	-2.9	272.7	274.2	0.5	40.7	2.9	106.
5.4	23.0	1943.2	790.0	-17.6	-24.8	281.5	16.1	15.8	-3.2	273.4	275.2	0.6	53.1	3.2	106.
5.8	24.0	2038.5	780.0	-18.2	-25.9	281.2	15.6	15.3	-3.0	273.8	275.5	0.6	50.7	3.6	105.
6.1	25.0	2144.5	769.0	-18.7	-29.4	279.5	14.9	14.7	-2.4	274.3	275.6	0.4	38.2	3.9	105.
6.6	26.0	2271.8	756.0	-17.8	-35.8	272.9	14.8	14.8	-0.7	276.7	277.4	0.2	18.8	4.3	104.
7.0	27.0	2361.5	747.0	-17.6	-30.2	270.5	17.5	17.5	-0.2	277.8	279.0	0.4	32.3	4.6	103.
7.3	28.0	2482.5	735.0	-18.3	-23.6	269.8	18.5	18.5	0.0	278.4	280.6	0.8	63.1	5.0	102.
7.8	29.0	2584.7	725.0	-18.9	-23.4	271.0	19.6	19.6	-0.3	278.9	281.1	0.8	67.0	5.6	100.
8.1	30.0	2688.1	715.0	-19.5	-27.0	272.9	19.9	19.8	-1.0	279.2	280.9	0.6	51.3	6.0	100.
8.4	31.0	2792.9	705.0	-18.6	-38.4	275.7	19.8	19.7	-2.0	281.3	281.9	0.2	15.4	6.3	100.
8.8	32.0	2899.5	695.0	-18.6	-37.8	279.0	19.4	19.2	-3.0	282.5	283.1	0.2	16.4	6.8	100.
9.1	33.0	3007.5	685.0	-18.7	-37.9	281.0	19.1	18.8	-3.6	283.5	284.2	0.2	16.4	7.2	100.
9.5	34.0	3117.1	675.0	-19.1	-38.2	282.4	18.8	18.4	-4.0	284.2	284.9	0.2	16.5	7.6	100.
9.9	35.0	3217.0	666.0	-19.0	-38.1	282.3	19.1	18.6	-4.1	285.5	286.2	0.2	16.5	8.0	100.
10.3	36.0	3352.4	654.0	-18.9	-38.0	281.6	19.6	19.1	-3.9	287.1	287.8	0.2	16.5	8.5	100.
10.6	37.0	3455.5	645.0	-19.4	-38.5	281.0	20.0	19.6	-3.8	287.7	288.3	0.2	16.5	8.9	100.
11.0	38.0	3571.5	635.0	-20.1	-39.0	280.0	20.5	20.2	-3.6	288.2	288.8	0.2	16.5	9.3	100.
11.3	39.0	3677.2	626.0	-20.6	-39.4	279.7	20.7	20.4	-3.5	288.7	289.4	0.2	16.6	9.7	100.
11.6	40.0	3784.2	617.0	-21.2	-37.9	279.7	20.9	20.6	-3.5	289.3	290.1	0.2	20.4	10.1	100.
12.1	41.0	3928.9	605.0	-22.4	-38.1	280.7	21.1	20.7	-3.9	289.6	290.3	0.2	22.3	10.7	100.
12.4	42.0	4038.8	596.0	-23.4	-37.9	281.6	21.3	20.8	-4.3	289.6	290.3	0.2	24.8	11.1	100.
12.8	43.0	4149.8	587.0	-24.5	-38.0	282.3	21.7	21.2	-4.6	289.6	290.4	0.2	27.1	11.6	100.
13.1	44.0	4249.6	579.0	-25.4	-36.2	282.6	21.9	21.4	-4.8	289.6	290.6	0.3	35.3	12.0	100.
13.5	45.0	4363.1	570.0	-26.3	-36.0	282.7	22.1	21.6	-4.9	289.8	290.8	0.3	39.6	12.5	100.
13.9	46.0	4478.0	561.0	-27.3	-36.2	282.6	21.2	20.7	-4.6	290.1	291.0	0.3	42.1	13.1	100.
14.2	47.0	4581.2	553.0	-28.3	-36.6	282.2	20.1	19.7	-4.3	290.0	290.9	0.3	44.4	13.5	101.
14.6	48.0	4698.7	544.0	-29.1	-36.2	281.5	18.7	18.3	-3.7	290.4	291.4	0.3	49.9	14.0	101.
15.1	49.0	4804.3	536.0	-30.3	-36.0	280.1	18.3	18.0	-3.2	290.2	291.3	0.3	57.1	14.4	101.
15.5	50.0	4911.1	528.0	-31.3	-37.8	279.0	19.4	19.2	-3.0	290.4	291.2	0.3	52.2	14.7	101.
15.9	51.0	5060.1	517.0	-32.0	-39.4	277.6	20.3	20.1	-2.7	291.2	291.9	0.2	47.7	15.4	101.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

7 FEBRUARY 1975  
1115 GMT

150 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.3	52.0	5156.2	510.0	-33.0	-40.5	275.7	20.2	20.1	-2.0	291.2	291.9	0.2	46.5	15.9	100.
16.8	53.0	5281.2	501.0	-34.0	-40.2	272.8	20.4	20.4	-1.0	291.3	292.1	0.2	53.2	16.4	100.
17.2	54.0	5393.7	493.0	-34.9	-39.8	270.3	21.2	21.2	-0.1	291.7	292.5	0.2	60.2	16.9	100.
17.5	55.0	5493.3	486.0	-35.8	-40.5	268.7	22.1	22.1	0.5	291.7	292.5	0.2	61.4	17.3	100.
18.0	56.0	5637.5	476.0	-37.0	-41.5	266.9	22.2	22.2	1.2	292.0	292.6	0.2	62.3	18.0	99.
18.3	57.0	5754.6	468.0	-37.8	-42.3	266.5	21.5	21.5	1.3	292.4	293.0	0.2	62.1	18.4	99.
18.8	58.0	5858.2	461.0	-38.9	-43.4	266.3	21.0	20.9	1.4	292.3	292.8	0.2	62.0	19.0	99.
19.2	59.0	5978.1	453.0	-39.9	-43.9	266.6	21.4	21.4	1.3	292.5	293.1	0.2	65.0	19.4	98.
19.6	60.0	6084.4	446.0	-40.4	99.9	266.8	22.6	22.5	1.3	293.2	999.9	99.9	999.9	20.0	98.
19.9	61.0	6192.0	439.0	-41.4	99.9	266.5	23.6	23.5	1.4	293.3	999.9	99.9	999.9	20.4	98.
20.3	62.0	6316.6	431.0	-42.4	99.9	265.2	24.0	23.9	2.0	293.6	999.9	99.9	999.9	21.0	97.
20.8	63.0	6427.0	424.0	-43.4	99.9	262.8	23.0	22.8	2.9	293.7	999.9	99.9	999.9	21.7	97.
21.1	64.0	6538.8	417.0	-44.4	99.9	261.5	22.1	21.8	3.2	293.8	999.9	99.9	999.9	22.1	97.
21.5	65.0	6652.1	410.0	-45.1	99.9	260.7	21.1	20.8	3.4	294.3	999.9	99.9	999.9	22.6	96.
22.0	66.0	6783.5	402.0	-46.1	99.9	262.0	22.6	22.4	3.2	294.7	999.9	99.9	999.9	23.0	96.
22.4	67.0	6900.1	395.0	-46.7	99.9	262.7	24.8	24.6	3.1	295.4	999.9	99.9	999.9	23.7	96.
22.9	68.0	7018.7	388.0	-46.8	99.9	263.1	25.8	25.6	3.1	296.7	999.9	99.9	999.9	24.5	95.
23.3	69.0	7139.3	381.0	-47.1	99.9	263.4	24.3	24.1	2.8	297.9	999.9	99.9	999.9	25.2	95.
23.7	70.0	7244.2	375.0	-48.0	99.9	264.2	21.8	21.7	2.2	298.1	999.9	99.9	999.9	25.7	95.
24.1	71.0	7386.4	367.0	-48.1	99.9	265.9	19.5	19.5	1.4	299.7	999.9	99.9	999.9	26.2	94.
25.5	72.0	7513.4	360.0	-48.0	99.9	275.7	30.9	30.7	-3.1	301.6	999.9	99.9	999.9	27.6	94.
25.0	73.0	7624.1	354.0	-48.6	99.9	273.2	23.6	23.5	-1.3	302.2	999.9	99.9	999.9	27.1	94.
25.5	74.0	7736.4	348.0	-48.9	99.9	275.7	30.9	30.7	-3.1	303.3	999.9	99.9	999.9	27.6	94.
25.9	75.0	7850.7	342.0	-48.9	99.9	276.8	33.0	32.8	-3.9	304.8	999.9	99.9	999.9	28.9	94.
26.3	76.0	7986.3	335.0	-49.5	99.9	277.4	31.8	31.5	-4.1	305.8	999.9	99.9	999.9	29.7	94.
26.8	77.0	8104.6	329.0	-49.9	99.9	277.2	28.8	28.5	-3.6	306.8	999.9	99.9	999.9	30.5	95.
27.1	78.0	8224.9	323.0	-50.3	99.9	276.8	27.3	27.1	-3.2	308.0	999.9	99.9	999.9	31.0	95.
27.5	79.0	8326.6	318.0	-50.6	99.9	276.2	26.5	26.3	-2.9	308.9	999.9	99.9	999.9	31.6	95.
27.9	80.0	8471.5	311.0	-51.5	99.9	276.6	26.0	25.9	-3.0	309.6	999.9	99.9	999.9	32.3	95.
28.4	81.0	8619.1	304.0	-52.0	99.9	277.2	26.2	26.0	-3.3	311.0	999.9	99.9	999.9	33.0	95.
28.9	82.0	8726.6	299.0	-52.0	99.9	276.8	27.0	26.8	-3.2	312.4	999.9	99.9	999.9	33.8	95.
29.3	83.0	8858.0	293.0	-51.5	99.9	275.9	27.1	27.0	-2.8	314.9	999.9	99.9	999.9	34.5	95.
29.8	84.0	8969.8	288.0	-51.5	99.9	274.6	27.1	27.1	-2.2	316.5	999.9	99.9	999.9	35.3	95.
30.3	85.0	9106.7	282.0	-50.7	99.9	273.2	28.1	28.1	-1.5	319.5	999.9	99.9	999.9	36.1	95.
30.9	86.0	9270.6	275.0	-50.6	99.9	271.6	30.6	30.6	-0.9	322.0	999.9	99.9	999.9	37.1	95.
31.3	87.0	9390.2	270.0	-50.6	99.9	271.0	32.1	32.1	-0.5	323.7	999.9	99.9	999.9	37.9	95.
31.9	88.0	9512.1	265.0	-50.6	99.9	270.0	32.5	32.5	0.0	325.4	999.9	99.9	999.9	39.0	95.
32.2	89.0	9636.3	260.0	-50.4	99.9	269.3	31.3	31.3	0.4	327.4	999.9	99.9	999.9	39.7	94.
32.7	90.0	9763.3	255.0	-49.5	99.9	268.1	28.3	28.3	0.9	330.6	999.9	99.9	999.9	40.7	94.
33.1	91.0	9893.0	250.0	-49.3	99.9	267.9	26.8	26.8	1.0	332.7	999.9	99.9	999.9	41.2	94.
33.6	92.0	10025.4	245.0	-49.6	99.9	269.1	28.3	28.3	0.4	334.2	999.9	99.9	999.9	41.9	94.
34.0	93.0	10160.3	240.0	-49.9	99.9	269.7	30.9	30.9	0.2	335.7	999.9	99.9	999.9	42.7	94.
34.4	94.0	10297.9	235.0	-49.9	99.9	268.2	32.7	32.7	1.0	337.7	999.9	99.9	999.9	43.5	94.
35.0	95.0	10438.4	230.0	-50.4	99.9	264.9	33.2	33.1	2.9	339.1	999.9	99.9	999.9	44.6	94.
35.6	96.0	10611.0	224.0	-50.1	99.9	263.6	30.4	30.3	3.4	342.2	999.9	99.9	999.9	46.0	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 429  
DAYTON, OHIO

7 FEBRUARY 1975  
1115 GMT

150 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.2	97.0	10728.8	220.0	-49.6	99.9	265.7	30.2	30.1	2.2	344.6	999.9	99.9	999.9	46.8	93.
36.8	98.0	10879.4	215.0	-49.5	99.9	268.4	33.3	33.3	0.9	347.2	999.9	99.9	999.9	47.9	93.
37.3	99.0	11033.5	210.0	-49.5	99.9	269.4	32.7	32.7	0.3	349.5	999.9	99.9	999.9	49.2	93.
37.8	100.0	11159.4	206.0	-49.8	99.9	269.8	29.3	29.3	0.1	351.0	999.9	99.9	999.9	50.1	93.
38.4	101.0	11320.0	201.0	-50.3	99.9	270.8	29.2	29.2	-0.4	352.7	999.9	99.9	999.9	50.8	93.
38.9	102.0	11451.4	197.0	-49.8	99.9	271.8	33.3	33.3	-1.0	355.5	999.9	99.9	999.9	51.8	93.
39.3	103.0	11619.7	192.0	-49.5	99.9	272.0	35.3	35.2	-1.2	358.6	999.9	99.9	999.9	52.7	93.
39.9	104.0	11757.5	188.0	-49.8	99.9	271.3	34.1	34.1	-0.8	360.2	999.9	99.9	999.9	54.0	93.
40.4	105.0	11898.1	184.0	-50.3	99.9	271.0	31.5	31.5	-0.6	361.7	999.9	99.9	999.9	55.1	93.
41.0	106.0	12041.6	180.0	-50.3	99.9	271.7	31.6	31.6	-1.0	364.0	999.9	99.9	999.9	55.9	93.
41.5	107.0	12188.3	176.0	-50.1	99.9	271.5	33.3	33.2	-0.9	366.6	999.9	99.9	999.9	57.1	93.
42.0	108.0	12338.4	172.0	-50.6	99.9	269.5	31.9	31.9	0.3	368.3	999.9	99.9	999.9	58.3	93.
42.5	109.0	12491.5	168.0	-51.5	99.9	266.1	30.1	30.0	2.1	369.2	999.9	99.9	999.9	59.0	93.
42.9	110.0	12608.2	165.0	-52.4	99.9	263.3	30.6	30.4	3.5	369.5	999.9	99.9	999.9	59.6	93.
43.5	111.0	12807.0	160.0	-52.9	99.9	258.9	30.4	29.8	5.9	372.0	999.9	99.9	999.9	61.0	92.
44.1	112.0	12970.2	156.0	-53.1	99.9	253.7	28.3	27.2	7.9	374.4	999.9	99.9	999.9	61.8	92.
44.6	113.0	13137.8	152.0	-52.9	99.9	252.1	28.7	27.3	8.8	377.5	999.9	99.9	999.9	62.5	92.
45.1	114.0	13266.2	149.0	-53.4	99.9	253.4	30.8	29.5	8.8	378.8	999.9	99.9	999.9	63.3	92.
45.7	115.0	13441.3	145.0	-53.5	99.9	255.0	32.2	31.1	8.4	381.5	999.9	99.9	999.9	64.6	91.
46.4	116.0	13621.3	141.0	-53.5	99.9	257.4	31.0	30.3	6.7	384.6	999.9	99.9	999.9	65.9	91.
47.0	117.0	13806.1	137.0	-54.2	99.9	261.2	27.5	27.2	4.2	386.6	999.9	99.9	999.9	66.9	91.
47.4	118.0	13947.9	134.0	-55.0	99.9	263.7	25.7	25.6	2.8	387.6	999.9	99.9	999.9	67.5	91.
48.0	119.0	14092.4	131.0	-55.5	99.9	265.0	25.5	25.4	2.2	389.3	999.9	99.9	999.9	68.3	91.
48.5	120.0	14289.9	127.0	-56.0	99.9	261.9	26.0	25.8	3.7	391.8	999.9	99.9	999.9	69.2	91.
49.0	121.0	14441.8	124.0	-56.3	99.9	256.2	25.1	24.4	6.0	393.9	999.9	99.9	999.9	70.0	91.
49.5	122.0	14596.9	121.0	-57.5	99.9	252.4	23.4	22.3	7.1	394.5	999.9	99.9	999.9	70.7	90.
50.2	123.0	14755.1	118.0	-58.6	99.9	256.6	27.2	26.4	6.3	395.4	999.9	99.9	999.9	71.5	90.
50.9	124.0	14916.8	115.0	-59.1	99.9	262.5	34.6	34.3	4.5	397.4	999.9	99.9	999.9	72.8	90.
51.6	125.0	15138.9	111.0	-58.9	99.9	266.4	33.2	33.1	2.1	401.8	999.9	99.9	999.9	74.6	90.
52.5	126.0	15311.2	108.0	-58.0	99.9	269.4	27.5	27.5	0.3	406.6	999.9	99.9	999.9	76.1	90.
53.2	127.0	15489.0	105.0	-57.3	99.9	268.9	27.0	27.0	0.5	411.2	999.9	99.9	999.9	77.1	90.
53.7	128.0	15672.0	102.0	-57.9	99.9	267.5	27.6	27.6	1.2	413.6	999.9	99.9	999.9	77.9	90.
54.2	129.0	15860.2	99.0	-58.0	99.9	265.9	27.5	27.4	2.0	416.8	999.9	99.9	999.9	78.8	90.
54.8	130.0	16053.9	96.0	-58.4	99.9	264.5	26.3	26.2	2.5	419.8	999.9	99.9	999.9	79.7	90.
55.7	131.0	16321.9	92.0	-58.0	99.9	261.2	29.0	28.6	4.5	425.7	999.9	99.9	999.9	81.1	89.
56.5	132.0	16530.5	89.0	-58.6	99.9	256.3	31.5	30.6	7.5	428.7	999.9	99.9	999.9	82.8	89.
57.2	133.0	16746.2	86.0	-58.4	99.9	257.3	29.7	28.9	6.5	433.2	999.9	99.9	999.9	83.8	89.
58.0	134.0	16894.0	84.0	-58.9	99.9	263.7	29.9	29.7	3.3	435.1	999.9	99.9	999.9	85.4	89.
58.7	135.0	17121.9	81.0	-59.6	99.9	265.3	27.1	27.0	2.2	438.2	999.9	99.9	999.9	86.5	89.
59.5	136.0	17357.8	78.0	-59.8	99.9	265.3	25.7	25.6	2.1	442.6	999.9	99.9	999.9	87.7	89.
60.5	137.0	17687.3	74.0	-59.3	99.9	268.4	23.4	23.3	0.6	450.4	999.9	99.9	999.9	89.3	89.
61.6	138.0	17946.1	71.0	-60.0	99.9	266.0	20.9	20.9	1.5	454.3	999.9	99.9	999.9	90.6	89.
62.6	139.0	18215.4	68.0	-60.5	99.9	261.9	21.5	21.2	3.0	458.7	999.9	99.9	999.9	91.9	89.
63.8	140.0	18496.3	65.0	-60.7	99.9	263.5	30.6	30.4	3.5	464.3	999.9	99.9	999.9	93.5	89.
64.5	141.0	18890.5	61.0	-61.8	99.9	263.9	33.9	33.7	3.6	470.3	999.9	99.9	999.9	95.2	88.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 429  
DAYTON, OHIO

7 FEBRUARY 1975  
1115 GMT

150 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.4	142.0	19202.6	58.0	-62.0	99.9	264.1	27.4	27.3	2.8	476.8	999.9	99.9	999.9	96.8	88.
66.5	143.0	19531.1	55.0	-62.0	99.9	268.0	22.4	22.4	0.8	484.1	999.9	99.9	999.9	98.4	88.
67.9	144.0	19876.8	52.0	-63.5	99.9	261.7	21.0	20.7	3.0	488.3	999.9	99.9	999.9	100.1	88.
69.3	145.0	20241.2	49.0	-63.3	99.9	260.4	23.9	23.6	4.0	497.2	999.9	99.9	999.9	101.9	88.
70.5	146.0	20629.6	46.0	-63.9	99.9	265.7	26.1	26.1	2.0	504.8	999.9	99.9	999.9	103.8	88.
71.8	147.0	21042.0	43.0	-64.9	99.9	263.7	26.8	26.6	3.0	512.2	999.9	99.9	999.9	105.8	88.
73.1	148.0	21483.2	40.0	-64.9	99.9	263.5	27.3	27.2	3.1	522.9	999.9	99.9	999.9	107.9	88.
74.5	149.0	21956.5	37.0	-66.9	99.9	267.5	25.2	25.2	1.1	529.5	999.9	99.9	999.9	110.2	88.
76.3	150.0	22466.7	34.0	-67.4	99.9	267.9	20.9	20.9	0.8	541.3	999.9	99.9	999.9	112.7	88.
78.7	151.0	23028.0	31.0	-64.1	99.9	266.2	20.9	20.9	1.4	564.6	999.9	99.9	999.9	115.5	88.
80.9	152.0	23649.2	28.0	-65.5	99.9	259.2	26.1	25.6	4.9	577.4	999.9	99.9	999.9	118.5	88.
82.8	153.0	24336.1	25.0	-66.9	99.9	267.6	25.4	25.4	1.1	592.3	999.9	99.9	999.9	121.7	88.
85.7	154.0	25117.9	22.0	-61.8	99.9	267.6	22.3	22.3	0.9	629.6	999.9	99.9	999.9	125.5	88.
88.9	155.0	26032.5	19.0	-58.6	99.9	267.6	23.4	23.4	1.0	666.7	999.9	99.9	999.9	129.9	88.
92.2	156.0	27117.1	16.0	-56.8	99.9	999.9	99.9	99.9	99.9	705.9	999.9	99.9	999.9	999.9	999.

STATION NO. 433  
SALEM, ILL

5 FEBRUARY 1975  
2315 GMT

157 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	175.0	991.2	1.4	0.1	320.0	7.3	4.7	-5.6	275.7	285.7	3.9	91.0	0.0	0.
0.2	7.0	225.4	985.0	-0.8	-2.1	256.2	3.5	3.4	0.8	273.9	282.4	3.3	91.2	0.6	132.
0.6	8.0	315.1	974.0	-0.8	-2.0	267.7	3.9	3.9	0.2	274.8	283.5	3.4	91.8	0.6	130.
0.9	9.0	405.8	963.0	-1.3	-2.5	288.6	5.8	5.5	-1.8	275.2	283.7	3.3	91.6	0.6	126.
1.1	10.0	489.0	953.0	-1.8	-2.7	296.1	7.4	6.6	-3.3	275.5	284.0	3.3	93.1	0.7	124.
1.5	11.0	598.2	940.0	-2.9	-3.6	304.1	11.1	9.2	-6.2	275.5	283.5	3.1	94.7	0.9	124.
1.8	12.0	691.5	929.0	-2.9	-3.5	302.8	11.0	9.2	-6.0	276.4	284.7	3.2	95.7	1.2	124.
2.0	13.0	777.3	919.0	-3.2	-3.7	301.9	11.0	9.3	-5.8	277.0	285.2	3.2	96.0	1.3	124.
2.3	14.0	872.6	908.0	-4.1	-4.6	299.9	10.0	8.7	-5.0	276.9	284.7	3.0	96.1	1.5	124.
2.6	15.0	960.0	898.0	-4.1	-4.6	298.6	9.6	8.4	-4.6	277.8	285.8	3.0	96.3	1.7	123.
3.0	16.0	1066.2	886.0	-4.0	-4.5	299.9	10.2	8.8	-5.1	279.1	287.2	3.1	96.3	1.9	122.
3.2	17.0	1165.1	875.0	-3.0	-3.5	300.8	10.6	9.1	-5.4	281.1	290.0	3.4	96.4	2.0	122.
3.6	18.0	1256.3	865.0	-3.0	-3.5	301.9	10.9	9.3	-5.8	282.0	291.0	3.4	96.4	2.3	122.
3.9	19.0	1348.4	855.0	-3.3	-3.8	301.3	9.8	8.4	-5.1	282.6	291.6	3.4	96.4	2.5	122.
4.1	20.0	1432.2	846.0	-3.2	-3.7	300.9	9.2	7.9	-4.7	283.6	292.8	3.4	96.4	2.6	122.
4.6	21.0	1554.9	833.0	-3.3	-3.8	298.4	8.3	7.3	-3.9	284.7	294.0	3.5	96.4	2.8	122.
4.9	22.0	1650.5	823.0	-3.6	-4.1	293.3	7.8	7.2	-3.1	285.4	294.6	3.4	96.3	3.0	122.
5.1	23.0	1737.4	814.0	-4.1	-4.6	289.8	7.9	7.4	-2.7	285.8	294.8	3.3	96.3	3.1	122.
5.6	24.0	1834.9	804.0	-4.6	-5.1	282.3	9.0	8.7	-1.9	286.3	295.1	3.3	96.2	3.3	120.
5.8	25.0	1933.5	794.0	-4.9	-5.4	278.7	9.2	9.1	-1.4	287.0	295.7	3.2	96.1	3.4	120.
6.1	26.0	2051.4	782.0	-4.9	-5.4	273.0	9.7	9.6	-0.5	288.2	297.2	3.3	96.1	3.6	119.
6.5	27.0	2144.5	773.0	-5.5	-6.0	264.4	10.1	10.1	1.0	288.5	297.2	3.2	96.1	3.8	117.
6.8	28.0	2246.6	763.0	-6.1	-6.6	263.4	10.2	10.2	1.2	288.9	297.3	3.1	95.8	3.9	115.
7.0	29.0	2339.5	754.0	-6.7	-7.3	262.7	10.3	10.3	1.3	289.3	297.4	2.9	95.5	4.1	114.
7.2	30.0	2433.3	745.0	-7.3	-7.9	261.8	10.3	10.2	1.5	289.6	297.5	2.8	95.4	4.2	113.
7.7	31.0	2528.1	736.0	-7.7	-8.3	260.2	10.1	10.0	1.7	290.1	297.8	2.8	95.3	4.4	111.
7.9	32.0	2634.5	726.0	-8.4	-9.1	260.1	10.0	9.9	1.7	290.4	297.8	2.6	95.0	4.5	110.
8.2	33.0	2731.2	717.0	-9.0	-9.7	260.5	10.0	9.9	1.7	290.8	298.0	2.6	94.8	4.7	109.
8.6	34.0	2829.0	708.0	-9.6	-10.3	261.2	10.2	10.1	1.6	291.2	298.2	2.5	94.7	4.9	108.
8.9	35.0	2927.8	699.0	-10.2	-10.9	261.7	10.6	10.5	1.5	291.6	298.3	2.4	94.4	5.0	107.
9.2	36.0	3050.1	688.0	-10.6	-11.4	261.8	11.1	11.0	1.6	292.5	299.1	2.3	94.0	5.2	106.
9.6	37.0	3151.4	679.0	-11.2	-12.0	261.5	11.7	11.6	1.7	292.9	299.3	2.2	93.5	5.5	105.
9.9	38.0	3253.7	670.0	-11.9	-12.9	261.1	12.0	11.9	1.9	293.2	299.3	2.1	92.3	5.7	104.
10.1	39.0	3345.7	662.0	-12.6	-13.5	260.9	12.2	12.0	1.9	293.4	299.3	2.0	92.8	5.8	104.
10.5	40.0	3450.1	653.0	-13.4	-14.5	260.4	12.4	12.2	2.1	293.6	299.1	1.9	91.6	6.1	102.
10.9	41.0	3567.4	643.0	-14.3	-15.4	260.1	12.3	12.1	2.1	293.9	299.1	1.8	90.9	6.4	101.
11.1	42.0	3674.3	634.0	-15.1	-16.2	260.0	12.3	12.1	2.1	294.2	299.1	1.7	91.2	6.5	101.
11.5	43.0	3782.3	625.0	-15.8	-16.8	259.9	12.2	12.0	2.1	294.6	299.4	1.6	91.8	6.8	100.
11.8	44.0	3879.4	617.0	-16.5	-17.6	259.8	12.2	12.0	2.2	294.8	299.4	1.6	91.3	7.0	99.
12.1	45.0	3989.2	608.0	-17.3	-18.4	259.8	12.2	12.0	2.2	295.1	299.5	1.5	90.7	7.2	99.
12.4	46.0	4089.0	600.0	-18.0	-19.2	259.8	12.2	12.0	2.2	295.4	299.6	1.4	90.5	7.4	98.
12.8	47.0	4201.8	591.0	-18.9	-20.1	259.8	12.1	12.0	2.1	295.6	299.5	1.3	90.6	7.7	98.
13.1	48.0	4290.5	584.0	-19.7	-20.9	259.8	12.1	11.9	2.1	295.7	299.3	1.2	90.3	7.9	97.
13.3	49.0	4405.7	575.0	-20.4	-21.6	259.7	12.1	11.9	2.1	296.2	299.7	1.2	90.4	8.0	97.
13.7	50.0	4509.3	567.0	-21.4	-23.0	259.5	12.1	11.9	2.2	296.2	299.5	1.1	86.9	8.3	96.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 433  
SALEM, ILL

5 FEBRUARY 1975  
2315 GMT

157 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.1	51.0	4627.1	558.0	-22.3	-24.1	259.3	12.2	12.0	2.3	296.5	299.4	1.0	84.9	8.6	96.
14.3	52.0	4733.1	550.0	-23.0	-26.0	259.3	12.4	12.2	2.3	296.9	299.4	0.8	75.7	8.7	95.
14.8	53.0	4840.3	542.0	-24.0	-27.2	260.0	12.9	12.7	2.2	296.9	299.2	0.8	75.0	9.1	95.
15.1	54.0	4948.8	534.0	-24.7	-28.0	260.5	13.2	13.0	2.2	297.3	299.5	0.7	74.0	9.3	94.
15.3	55.0	5030.9	528.0	-25.6	-29.0	260.7	13.2	13.1	2.1	297.2	299.2	0.7	73.0	9.5	94.
15.8	56.0	5183.2	517.0	-26.7	-30.1	260.6	13.1	12.9	2.1	297.7	299.6	0.6	72.2	9.9	94.
16.1	57.0	5295.6	509.0	-27.6	-31.1	260.2	12.8	12.6	2.2	297.9	299.6	0.6	71.7	10.1	93.
16.4	58.0	5395.1	502.0	-28.5	-32.3	259.6	12.5	12.3	2.3	297.9	299.5	0.5	69.4	10.3	93.
16.8	59.0	5510.0	494.0	-29.6	-33.7	259.3	12.5	12.3	2.3	298.0	299.4	0.4	67.4	10.6	93.
17.1	60.0	5611.6	487.0	-30.7	-36.0	259.2	12.7	12.4	2.4	297.9	299.1	0.4	59.1	10.8	92.
17.4	61.0	5714.3	480.0	-31.3	-37.5	258.8	13.0	12.8	2.5	298.3	299.3	0.3	54.0	11.0	92.
17.8	62.0	5833.1	472.0	-32.2	-38.3	257.3	13.3	13.0	2.9	298.6	299.6	0.3	54.5	11.3	92.
18.0	63.0	5938.4	465.0	-33.2	-39.2	256.4	13.5	13.1	3.2	298.7	299.6	0.3	54.5	11.5	92.
18.3	64.0	6029.5	459.0	-34.2	-39.9	255.0	13.5	13.1	3.5	298.5	299.3	0.3	55.9	11.7	91.
18.7	65.0	6152.3	451.0	-35.2	-41.0	254.1	13.7	13.1	3.7	298.8	299.6	0.2	55.0	12.0	91.
19.1	66.0	6292.5	442.0	-36.3	-42.1	254.2	13.8	13.2	3.7	299.2	299.9	0.2	54.2	12.4	90.
19.4	67.0	6403.0	435.0	-37.5	-43.3	254.6	13.7	13.2	3.6	299.0	299.6	0.2	54.2	12.6	90.
19.7	68.0	6498.7	429.0	-38.4	-43.6	254.5	13.5	13.1	3.6	299.0	299.6	0.2	57.3	12.8	90.
20.0	69.0	6611.6	422.0	-39.2	-44.5	254.1	13.3	12.8	3.6	299.3	299.9	0.2	57.1	13.1	89.
20.3	70.0	6726.0	415.0	-40.3	99.9	253.0	13.3	12.8	3.9	299.4	999.9	99.9	999.9	13.3	89.
20.8	71.0	6858.3	407.0	-41.7	99.9	251.4	14.0	13.3	4.5	299.3	999.9	99.9	999.9	13.7	89.
21.1	72.0	6958.8	401.0	-42.8	99.9	251.0	14.6	13.8	4.7	299.1	999.9	99.9	999.9	13.9	88.
21.4	73.0	7077.4	394.0	-43.5	99.9	251.4	15.1	14.3	4.8	299.7	999.9	99.9	999.9	14.2	88.
21.8	74.0	7197.7	387.0	-44.4	99.9	253.2	15.2	14.5	4.4	300.1	999.9	99.9	999.9	14.6	87.
22.1	75.0	7302.2	381.0	-45.4	99.9	254.7	15.0	14.5	4.0	300.2	999.9	99.9	999.9	14.8	87.
22.5	76.0	7407.8	375.0	-46.6	99.9	256.2	14.8	14.4	3.5	300.0	999.9	99.9	999.9	15.1	87.
22.8	77.0	7514.6	369.0	-47.9	99.9	254.8	15.2	14.6	4.0	299.6	999.9	99.9	999.9	15.4	87.
23.2	78.0	7640.7	362.0	-48.6	99.9	252.2	16.2	15.4	4.9	300.3	999.9	99.9	999.9	15.8	87.
23.6	79.0	7732.2	357.0	-48.8	99.9	249.5	18.0	16.8	6.3	301.3	999.9	99.9	999.9	16.1	86.
23.9	80.0	7862.6	350.0	-47.9	99.9	248.2	19.6	18.2	7.3	304.2	999.9	99.9	999.9	16.4	86.
24.3	81.0	7995.8	343.0	-48.3	99.9	247.3	21.6	19.9	8.3	305.3	999.9	99.9	999.9	16.9	85.
24.7	82.0	8111.9	337.0	-48.8	99.9	246.8	23.2	21.3	9.1	306.3	999.9	99.9	999.9	17.5	85.
24.9	83.0	8230.0	331.0	-48.5	99.9	246.7	23.8	21.9	9.4	308.3	999.9	99.9	999.9	17.8	84.
25.3	84.0	8350.3	325.0	-48.9	99.9	246.2	25.5	23.3	10.3	309.3	999.9	99.9	999.9	18.3	84.
25.7	85.0	8452.1	320.0	-48.9	99.9	245.3	27.8	25.3	11.6	310.6	999.9	99.9	999.9	18.8	83.
26.1	86.0	8597.4	313.0	-49.1	99.9	244.3	30.6	27.5	13.3	312.4	999.9	99.9	999.9	19.5	83.
26.5	87.0	8724.2	307.0	-49.8	99.9	243.2	32.7	29.2	14.8	313.1	999.9	99.9	999.9	20.3	82.
26.9	88.0	8853.3	301.0	-50.0	99.9	242.2	32.2	28.5	15.0	314.6	999.9	99.9	999.9	21.1	81.
27.2	89.0	8962.9	296.0	-49.5	99.9	241.7	31.5	27.7	14.9	316.8	999.9	99.9	999.9	21.7	81.
27.5	90.0	9074.4	291.0	-49.7	99.9	241.3	30.5	26.7	14.7	318.1	999.9	99.9	999.9	22.2	80.
28.0	91.0	9187.9	286.0	-49.7	99.9	242.0	31.1	27.5	14.6	319.7	999.9	99.9	999.9	22.9	79.
28.2	92.0	9326.6	280.0	-49.8	99.9	242.7	32.0	28.4	14.7	321.4	999.9	99.9	999.9	23.3	79.
28.7	93.0	9444.5	275.0	-49.7	99.9	244.3	34.1	30.7	14.8	323.3	999.9	99.9	999.9	24.3	79.
29.1	94.0	9564.6	270.0	-49.8	99.9	245.4	35.4	32.2	14.7	324.8	999.9	99.9	999.9	25.1	78.
29.5	95.0	9686.8	265.0	-50.1	99.9	246.0	36.0	32.9	14.6	326.1	999.9	99.9	999.9	25.9	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

5 FEBRUARY 1975  
2315 GMT

157 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
30.0	96.0	9836.4	259.0	-50.3	99.9	245.7	35.5	32.3	14.6	328.0	999.9	99.9	999.9	27.1	77.
30.2	97.0	9963.7	254.0	-50.0	99.9	245.3	35.3	32.1	14.7	330.3	999.9	99.9	999.9	27.5	77.
30.6	98.0	10093.6	249.0	-50.1	99.9	244.7	35.4	32.0	15.2	331.9	999.9	99.9	999.9	28.3	77.
31.0	99.0	10226.2	244.0	-50.0	99.9	244.4	36.9	33.3	16.0	334.1	999.9	99.9	999.9	28.9	76.
31.3	100.0	10361.4	239.0	-50.4	99.9	244.2	39.0	35.1	17.0	335.4	999.9	99.9	999.9	29.7	76.
31.6	101.0	10527.3	233.0	-50.4	99.9	243.6	42.1	37.7	18.7	337.8	999.9	99.9	999.9	30.9	76.
32.1	102.0	10640.2	229.0	-50.7	99.9	243.2	43.6	38.9	19.7	339.1	999.9	99.9	999.9	31.7	75.
32.5	103.0	10783.8	224.0	-51.3	99.9	242.7	45.3	40.3	20.8	340.3	999.9	99.9	999.9	32.7	75.
32.8	104.0	10900.9	220.0	-51.3	99.9	242.9	46.2	41.1	21.0	342.0	999.9	99.9	999.9	33.5	75.
33.2	105.0	11050.2	215.0	-51.3	99.9	243.1	46.6	41.6	21.0	344.3	999.9	99.9	999.9	34.6	74.
33.6	106.0	11172.2	211.0	-51.5	99.9	243.3	45.7	40.9	20.6	345.9	999.9	99.9	999.9	35.8	74.
33.9	107.0	11296.4	207.0	-51.5	99.9	243.0	44.0	39.2	19.9	347.8	999.9	99.9	999.9	36.7	74.
34.3	108.0	11455.2	202.0	-51.5	99.9	242.6	41.6	36.9	19.2	350.2	999.9	99.9	999.9	37.7	73.
34.7	109.0	11584.9	198.0	-52.0	99.9	242.3	40.5	35.8	18.8	351.5	999.9	99.9	999.9	38.5	73.
35.1	110.0	11717.2	194.0	-51.8	99.9	242.4	40.8	36.1	18.9	353.8	999.9	99.9	999.9	39.4	73.
35.5	111.0	11886.6	189.0	-51.3	99.9	242.7	42.1	37.4	19.4	357.2	999.9	99.9	999.9	40.4	73.
35.9	112.0	12025.5	185.0	-51.8	99.9	242.6	42.9	38.1	19.7	358.6	999.9	99.9	999.9	41.5	72.
36.3	113.0	12167.2	181.0	-51.8	99.9	242.7	43.2	38.4	19.9	360.9	999.9	99.9	999.9	42.5	72.
36.8	114.0	12312.0	177.0	-52.0	99.9	243.1	43.4	38.7	19.6	363.0	999.9	99.9	999.9	43.8	72.
37.2	115.0	12460.1	173.0	-52.0	99.9	243.8	43.3	38.9	19.1	365.3	999.9	99.9	999.9	44.8	72.
37.7	116.0	12650.0	168.0	-52.3	99.9	244.8	42.6	38.5	18.1	367.9	999.9	99.9	999.9	46.1	71.
38.1	117.0	12805.9	164.0	-52.3	99.9	244.7	41.5	37.5	17.7	370.4	999.9	99.9	999.9	47.1	71.
38.4	118.0	12925.3	161.0	-52.4	99.9	243.5	40.6	36.3	18.2	372.1	999.9	99.9	999.9	47.9	71.
38.9	119.0	13087.6	157.0	-53.2	99.9	238.9	40.0	34.3	20.6	373.5	999.9	99.9	999.9	49.0	71.
39.3	120.0	13253.8	153.0	-53.5	99.9	236.3	39.6	32.9	21.9	375.7	999.9	99.9	999.9	49.9	71.
39.8	121.0	13381.3	150.0	-53.1	99.9	237.7	37.4	31.6	20.0	378.7	999.9	99.9	999.9	51.1	70.
40.2	122.0	13555.9	146.0	-52.1	99.9	242.9	34.6	30.8	15.8	383.2	999.9	99.9	999.9	52.0	70.
40.7	123.0	13690.2	143.0	-52.4	99.9	252.0	31.2	29.7	9.6	385.0	999.9	99.9	999.9	52.9	70.
41.3	124.0	13827.0	140.0	-53.2	99.9	260.1	31.2	30.7	5.3	385.9	999.9	99.9	999.9	54.0	70.
41.9	125.0	14013.8	136.0	-53.2	99.9	999.9	99.9	99.9	99.9	389.1	999.9	99.9	999.9	999.9	999.
42.5	126.0	14205.8	132.0	-53.9	99.9	999.9	99.9	99.9	99.9	391.3	999.9	99.9	999.9	999.9	999.
42.9	127.0	14353.0	129.0	-55.2	99.9	999.9	99.9	99.9	99.9	391.6	999.9	99.9	999.9	999.9	999.
43.3	128.0	14502.8	126.0	-56.5	99.9	999.9	99.9	99.9	99.9	391.8	999.9	99.9	999.9	999.9	999.
43.8	129.0	14707.0	122.0	-57.7	99.9	999.9	99.9	99.9	99.9	393.3	999.9	99.9	999.9	999.9	999.
44.2	130.0	14863.9	119.0	-58.4	99.9	999.9	99.9	99.9	99.9	394.8	999.9	99.9	999.9	999.9	999.
44.6	131.0	15024.8	116.0	-57.7	99.9	999.9	99.9	99.9	99.9	399.0	999.9	99.9	999.9	999.9	999.
45.0	132.0	15190.3	113.0	-57.2	99.9	999.9	99.9	99.9	99.9	403.0	999.9	99.9	999.9	999.9	999.
45.6	133.0	15360.8	110.0	-56.7	99.9	999.9	99.9	99.9	99.9	407.0	999.9	99.9	999.9	999.9	999.
46.0	134.0	15535.9	107.0	-57.2	99.9	999.9	99.9	99.9	99.9	409.3	999.9	99.9	999.9	999.9	999.
46.5	135.0	15715.3	104.0	-58.4	99.9	999.9	99.9	99.9	99.9	410.3	999.9	99.9	999.9	999.9	999.
47.1	136.0	15961.9	100.0	-58.7	99.9	999.9	99.9	99.9	99.9	414.3	999.9	99.9	999.9	999.9	999.
47.7	137.0	16152.6	97.0	-60.1	99.9	999.9	99.9	99.9	99.9	415.2	999.9	99.9	999.9	999.9	999.
48.3	138.0	16348.7	94.0	-60.0	99.9	999.9	99.9	99.9	99.9	419.3	999.9	99.9	999.9	999.9	999.
48.9	139.0	16619.7	90.0	-60.9	99.9	999.9	99.9	99.9	99.9	422.7	999.9	99.9	999.9	999.9	999.
49.5	140.0	16830.5	87.0	-60.9	99.9	999.9	99.9	99.9	99.9	426.8	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

5 FEBRUARY 1975  
2315 GMT

157 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
50.2	141.0	17048.4	84.0	-61.4	99.9	999.9	99.9	99.9	99.9	430.0	999.9	99.9	999.9	999.9	999.9
50.8	142.0	17274.8	81.0	-60.0	99.9	999.9	99.9	99.9	99.9	437.5	999.9	99.9	999.9	999.9	999.9
51.6	143.0	17510.4	78.0	-60.1	99.9	999.9	99.9	99.9	99.9	441.9	999.9	99.9	999.9	999.9	999.9
52.4	144.0	17754.7	75.0	-60.9	99.9	999.9	99.9	99.9	99.9	445.3	999.9	99.9	999.9	999.9	999.9
53.2	145.0	18095.9	71.0	-60.3	99.9	999.9	99.9	99.9	99.9	453.5	999.9	99.9	999.9	999.9	999.9
54.1	146.0	18365.3	68.0	-60.0	99.9	999.9	99.9	99.9	99.9	459.9	999.9	99.9	999.9	999.9	999.9
54.9	147.0	18646.1	65.0	-61.4	99.9	999.9	99.9	99.9	99.9	462.7	999.9	99.9	999.9	999.9	999.9
55.8	148.0	18938.6	62.0	-62.3	99.9	999.9	99.9	99.9	99.9	467.0	999.9	99.9	999.9	999.9	999.9
56.8	149.0	19244.6	59.0	-62.7	99.9	999.9	99.9	99.9	99.9	472.8	999.9	99.9	999.9	999.9	999.9
57.8	150.0	19566.2	56.0	-62.7	99.9	999.9	99.9	99.9	99.9	479.9	999.9	99.9	999.9	999.9	999.9
58.8	151.0	19905.0	53.0	-63.5	99.9	999.9	99.9	99.9	99.9	485.8	999.9	99.9	999.9	999.9	999.9
59.8	152.0	20261.7	50.0	-64.8	99.9	999.9	99.9	99.9	99.9	490.7	999.9	99.9	999.9	999.9	999.9
60.8	153.0	20638.4	47.0	-65.8	99.9	999.9	99.9	99.9	99.9	497.1	999.9	99.9	999.9	999.9	999.9
62.0	154.0	20902.3	45.0	-66.0	99.9	999.9	99.9	99.9	99.9	502.8	999.9	99.9	999.9	999.9	999.9
63.4	155.0	21321.9	42.0	-65.0	99.9	999.9	99.9	99.9	99.9	515.3	999.9	99.9	999.9	999.9	999.9
64.8	156.0	21773.8	35.0	-64.2	99.9	999.9	99.9	99.9	99.9	526.8	999.9	99.9	999.9	999.9	999.9
66.2	157.0	22260.3	36.0	-66.5	99.9	999.9	99.9	99.9	99.9	534.9	999.9	99.9	999.9	999.9	999.9
67.7	158.0	22787.7	33.0	-66.0	99.9	999.9	99.9	99.9	99.9	549.4	999.9	99.9	999.9	999.9	999.9
69.5	159.0	23366.7	30.0	-65.4	99.9	999.9	99.9	99.9	99.9	566.3	999.9	99.9	999.9	999.9	999.9
71.3	160.0	24009.3	27.0	-64.4	99.9	999.9	99.9	99.9	99.9	586.4	999.9	99.9	999.9	999.9	999.9
73.3	161.0	24733.6	24.0	-62.0	99.9	999.9	99.9	99.9	99.9	613.7	999.9	99.9	999.9	999.9	999.9
75.5	162.0	25558.6	21.0	-62.5	99.9	999.9	99.9	99.9	99.9	635.9	999.9	99.9	999.9	999.9	999.9

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
600 GMT

155 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	175.0	993.4	-3.7	-7.5	290.0	7.7	7.2	-2.6	270.2	275.9	2.2	75.0	0.0	0.
0.3	7.0	250.4	984.0	-2.1	-4.5	299.4	9.5	8.3	-4.7	272.6	279.7	2.8	83.5	0.2	120.
0.6	8.0	339.5	973.0	-3.5	-4.3	299.9	9.7	8.4	-4.8	272.1	279.1	2.7	90.6	0.3	120.
0.9	9.0	421.0	963.0	-4.9	-5.9	301.3	10.2	8.7	-5.3	271.5	278.1	2.6	92.9	0.4	120.
1.2	10.0	511.3	952.0	-5.8	-6.5	303.3	10.3	8.6	-5.7	271.4	277.8	2.5	95.1	0.6	121.
1.6	11.0	619.0	939.0	-6.4	-6.5	307.2	9.9	7.9	-6.0	271.9	278.4	2.5	99.4	0.9	122.
1.9	12.0	702.7	929.0	-7.0	-7.0	312.4	9.3	6.8	-6.3	272.1	278.4	2.4	100.1	1.1	123.
2.3	13.0	795.8	918.0	-6.3	-6.3	316.1	10.1	7.0	-7.3	273.8	280.6	2.6	100.2	1.3	125.
2.6	14.0	881.7	908.0	-5.7	-5.7	316.3	11.0	7.6	-7.9	275.3	282.5	2.8	100.3	1.4	127.
2.9	15.0	968.6	898.0	-5.5	-5.5	314.0	11.6	8.4	-8.1	276.4	283.7	2.8	100.3	1.7	128.
3.3	16.0	1074.3	886.0	-5.5	-5.5	312.9	11.0	8.1	-7.5	277.4	284.9	2.9	100.3	1.9	129.
3.7	17.0	1172.3	875.0	-6.0	-6.0	311.0	10.2	7.7	-6.7	277.9	285.3	2.8	100.3	2.2	129.
4.1	18.0	1262.4	865.0	-6.1	-6.1	307.5	9.9	7.9	-5.0	278.7	286.1	2.8	100.2	2.4	129.
4.4	19.0	1353.5	855.0	-6.3	-6.3	304.8	9.9	8.2	-5.7	279.5	286.9	2.8	100.2	2.6	129.
4.8	20.0	1445.6	845.0	-6.3	-6.3	300.3	9.6	8.3	-4.9	280.4	288.0	2.8	100.2	2.8	128.
5.2	21.0	1557.6	833.0	-6.1	-6.1	294.1	9.7	8.9	-4.0	281.7	289.5	2.9	100.2	3.1	128.
5.6	22.0	1642.7	824.0	-6.3	-6.3	288.3	10.2	9.7	-3.2	282.5	290.2	2.9	99.5	3.3	126.
5.9	23.0	1757.6	812.0	-6.5	-6.8	286.1	10.0	9.6	-2.8	283.3	290.9	2.8	98.2	3.5	125.
6.3	24.0	1844.7	803.0	-6.8	-7.3	285.9	9.8	9.4	-2.7	283.9	291.3	2.7	96.4	3.7	124.
6.7	25.0	1932.7	794.0	-7.1	-7.5	287.4	10.3	9.8	-3.1	284.5	291.9	2.7	97.4	3.9	123.
7.1	26.0	2061.4	781.0	-7.6	-7.8	288.6	11.3	10.7	-3.6	285.4	292.8	2.7	98.5	4.2	122.
7.4	27.0	2141.7	773.0	-7.3	-7.9	287.7	11.3	10.7	-3.4	286.5	294.0	2.7	95.2	4.4	122.
7.8	28.0	2253.5	762.0	-7.4	-8.1	286.4	11.0	10.6	-3.1	287.5	295.0	2.7	95.0	4.6	121.
8.2	29.0	2346.1	753.0	-7.7	-8.2	284.0	10.8	10.5	-2.6	288.2	295.7	2.7	96.3	4.9	120.
8.5	30.0	2439.6	744.0	-8.2	-8.6	281.4	10.7	10.5	-2.1	288.7	296.1	2.7	96.9	5.1	120.
8.8	31.0	2544.7	734.0	-8.5	-8.8	277.2	11.0	10.9	-1.4	289.5	296.9	2.7	97.2	5.3	119.
9.2	32.0	2640.4	725.0	-9.3	-9.9	271.8	11.6	11.6	-0.4	289.5	296.5	2.5	95.5	5.5	116.
9.6	33.0	2737.0	716.0	-9.8	-10.5	267.1	12.5	12.5	0.6	290.1	296.8	2.4	94.6	5.7	116.
9.9	34.0	2834.6	707.0	-10.5	-11.0	264.3	13.1	13.0	1.3	290.3	296.9	2.3	95.9	6.0	115.
10.2	35.0	2933.2	698.0	-10.9	-11.3	262.4	13.6	13.4	1.8	290.9	297.4	2.3	97.3	6.2	114.
10.7	36.0	3055.2	687.0	-11.9	-12.3	260.6	14.1	13.9	2.3	291.1	297.4	2.2	99.6	6.5	112.
11.0	37.0	3156.0	678.0	-12.8	-12.8	260.2	14.3	14.1	2.4	291.2	297.2	2.1	99.5	6.7	111.
11.4	38.0	3258.0	669.0	-13.3	-13.4	260.6	14.1	13.9	2.3	291.7	297.5	2.0	99.4	7.0	109.
11.7	39.0	3349.5	661.0	-14.2	-14.2	261.0	13.7	13.5	2.2	291.8	297.3	1.9	99.3	7.3	108.
12.1	40.0	3453.5	652.0	-14.7	-14.8	261.5	12.9	12.7	1.9	292.3	297.6	1.9	99.2	7.6	107.
12.6	41.0	3582.4	641.0	-15.0	-15.1	261.5	11.7	11.5	1.7	293.4	298.7	1.8	99.1	7.9	106.
12.9	42.0	3689.3	632.0	-15.4	-15.5	260.6	10.9	10.8	1.8	294.1	299.3	1.8	99.1	8.1	105.
13.3	43.0	3773.4	625.0	-16.2	-16.4	258.4	10.2	9.9	2.0	294.1	299.0	1.7	98.9	8.3	105.
13.7	44.0	3882.5	616.0	-16.8	-16.9	256.1	9.8	9.5	2.3	294.6	299.5	1.6	98.9	8.5	104.
14.1	45.0	3993.1	607.0	-17.2	-19.4	255.0	10.2	9.8	2.6	295.4	299.4	1.3	82.7	8.7	103.
14.4	46.0	4092.5	596.0	-17.7	-22.2	255.5	11.2	10.9	2.8	295.8	299.1	1.1	67.8	8.8	103.
14.8	47.0	4193.0	591.0	-18.1	-28.5	258.0	13.0	12.7	2.7	296.4	298.4	0.6	39.7	9.1	102.
15.2	48.0	4294.8	583.0	-18.7	-29.8	261.1	14.3	14.2	2.2	296.9	298.7	0.5	36.6	9.4	101.
15.5	49.0	4397.6	575.0	-19.5	-29.0	263.7	15.0	14.9	1.7	297.2	299.1	0.6	42.5	9.7	100.
15.9	50.0	4501.7	567.0	-19.9	-27.4	265.7	14.6	14.6	1.1	297.9	300.1	0.7	51.1	10.1	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN C AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
600 GMT

155 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.3	51.0	4633.4	557.0	-21.0	-27.8	265.7	14.1	14.0	1.1	298.2	300.3	0.7	54.0	10.4	100.
16.7	52.0	4740.1	549.0	-21.9	-28.7	264.5	13.5	13.4	1.3	298.3	300.3	0.6	54.1	10.7	99.
17.1	53.0	4834.4	542.0	-22.7	-29.2	263.3	13.0	12.9	1.5	298.4	300.4	0.6	55.3	11.0	99.
17.4	54.0	4957.1	533.0	-23.5	-29.7	263.1	12.8	12.7	1.5	298.9	300.8	0.6	56.5	11.3	98.
17.8	55.0	5067.6	525.0	-24.2	-30.4	264.3	13.2	13.1	1.3	299.4	301.2	0.6	55.9	11.5	98.
18.2	56.0	5193.4	516.0	-25.5	-31.8	266.0	13.9	13.9	1.0	299.2	300.9	0.5	55.5	11.8	98.
18.6	57.0	5292.4	509.0	-26.1	-32.1	267.5	14.6	14.6	0.6	299.8	301.4	0.5	56.6	12.2	97.
18.9	58.0	5406.8	501.0	-27.1	-32.4	268.1	14.7	14.7	0.5	299.8	301.4	0.5	60.7	12.5	97.
19.3	59.0	5522.6	493.0	-28.2	-32.1	268.1	14.7	14.6	0.5	299.9	301.6	0.5	68.6	12.8	97.
19.6	60.0	5625.0	486.0	-29.2	-33.7	267.7	14.6	14.6	0.6	299.8	301.3	0.4	64.9	13.0	97.
19.9	61.0	5728.5	479.0	-30.0	-35.2	266.7	14.7	14.7	0.9	300.1	301.4	0.4	60.5	13.3	97.
20.4	62.0	5833.2	472.0	-30.8	-36.6	264.6	14.3	14.2	1.3	300.4	301.5	0.3	56.6	13.8	96.
20.6	63.0	5939.2	465.0	-31.5	-37.4	264.0	14.0	13.9	1.5	300.8	301.9	0.3	55.2	13.9	96.
21.0	64.0	6061.7	457.0	-32.7	-38.4	263.4	13.1	13.0	1.5	300.8	301.8	0.3	56.4	14.2	96.
21.4	65.0	6170.3	450.0	-33.3	-39.1	264.1	12.6	12.5	1.3	301.3	302.2	0.3	56.0	14.5	95.
21.8	66.0	6296.0	442.0	-34.7	-40.5	265.1	12.6	12.6	1.1	301.2	302.0	0.2	55.2	14.8	95.
22.2	67.0	6407.3	435.0	-35.5	-41.3	265.7	13.0	12.9	1.0	301.5	302.3	0.2	56.5	15.1	95.
22.6	68.0	6520.1	428.0	-36.2	-41.7	265.7	13.4	13.4	1.0	302.1	302.8	0.2	55.9	15.4	95.
22.9	69.0	6634.4	421.0	-37.1	-42.4	265.1	13.4	13.4	1.1	302.3	303.0	0.2	57.4	15.7	95.
23.2	70.0	6750.0	414.0	-38.2	-42.6	264.6	13.1	13.0	1.2	302.3	303.0	0.2	62.8	15.9	95.
23.7	71.0	6884.0	406.0	-39.6	-43.3	264.2	12.1	12.0	1.2	302.3	302.9	0.2	67.2	16.3	94.
24.0	72.0	6985.5	400.0	-40.9	99.9	264.6	11.4	11.3	1.1	301.8	999.9	99.9	999.9	16.5	94.
24.4	73.0	7105.4	393.0	-41.6	99.9	266.2	10.9	10.8	0.7	302.4	999.9	99.9	999.9	16.8	94.
24.8	74.0	7227.1	386.0	-42.3	99.9	268.4	11.0	11.0	0.3	303.1	999.9	99.9	999.9	17.0	94.
25.1	75.0	7332.8	380.0	-43.3	99.9	270.5	11.2	11.2	-0.1	303.1	999.9	99.9	999.9	17.2	94.
25.4	76.0	7439.8	374.0	-44.2	99.9	273.0	11.5	11.4	-0.6	303.4	999.9	99.9	999.9	17.4	94.
25.7	77.0	7548.0	368.0	-45.3	99.9	275.0	10.9	10.8	-1.0	303.3	999.9	99.9	999.9	17.6	94.
26.1	78.0	7675.5	361.0	-46.3	99.9	276.8	9.8	9.3	-1.1	303.6	999.9	99.9	999.9	17.9	94.
26.4	79.0	7787.0	355.0	-47.2	99.9	275.6	8.0	8.0	-0.8	303.9	999.9	99.9	999.9	18.2	94.
26.7	80.0	7899.6	349.0	-48.1	99.9	271.3	8.3	8.3	-0.2	304.1	999.9	99.9	999.9	18.2	94.
27.1	81.0	8033.0	342.0	-48.7	99.9	265.5	10.6	10.6	0.8	305.1	999.9	99.9	999.9	18.1	94.
27.4	82.0	8149.2	336.0	-49.4	99.9	262.8	13.7	13.6	1.7	305.6	999.9	99.9	999.9	18.5	94.
27.8	83.0	8267.2	330.0	-49.7	99.9	259.4	16.8	16.5	3.1	306.8	999.9	99.9	999.9	19.0	94.
28.1	84.0	8387.2	324.0	-49.9	99.9	257.3	18.6	18.1	1.1	308.2	999.9	99.9	999.9	19.3	93.
28.5	85.0	8488.9	319.0	-49.9	99.9	255.0	20.3	19.6	5.3	309.6	999.9	99.9	999.9	19.6	93.
28.9	86.0	8654.9	311.0	-50.2	99.9	255.0	22.6	21.9	5.8	311.4	999.9	99.9	999.9	20.1	92.
29.2	87.0	8760.8	306.0	-50.2	99.9	255.3	24.4	23.6	6.2	312.8	999.9	99.9	999.9	20.6	92.
29.6	88.0	8890.0	300.0	-50.3	99.9	255.3	26.5	25.6	6.7	314.4	999.9	99.9	999.9	21.2	92.
29.9	89.0	8977.6	296.0	-50.6	99.9	254.6	27.7	26.7	7.4	315.2	999.9	99.9	999.9	21.5	91.
30.3	90.0	9111.0	290.0	-50.8	99.9	253.0	28.9	27.7	8.5	316.8	999.9	99.9	999.9	22.4	91.
30.6	91.0	9247.1	284.0	-51.0	99.9	251.9	29.9	28.5	9.3	318.5	999.9	99.9	999.9	22.9	90.
30.9	92.0	9362.8	279.0	-50.6	99.9	251.3	31.2	29.5	10.0	320.6	999.9	99.9	999.9	23.1	90.
31.3	93.0	9504.5	273.0	-50.5	99.9	251.2	32.3	30.6	10.4	322.8	999.9	99.9	999.9	24.0	89.
31.8	94.0	9625.2	268.0	-50.2	99.9	251.7	32.5	30.9	10.2	324.9	999.9	99.9	999.9	25.0	89.
32.1	95.0	9748.2	263.0	-50.0	99.9	252.3	32.6	31.1	9.9	326.9	999.9	99.9	999.9	25.5	88.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
600 GMT

155 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.6	96.0	9898.9	257.0	-50.3	99.9	253.9	34.1	32.7	9.5	328.6	999.9	99.9	999.9	26.5	88.
32.9	97.0	10027.2	252.0	-50.3	99.9	254.4	35.7	34.4	9.6	330.5	999.9	99.9	999.9	26.9	87.
33.3	98.0	10157.9	247.0	-50.3	99.9	253.9	36.5	35.1	10.2	332.4	999.9	99.9	999.9	28.0	87.
33.6	99.0	10291.4	242.0	-50.3	99.9	253.0	36.5	34.9	10.7	334.3	999.9	99.9	999.9	28.8	87.
34.0	100.0	10427.7	237.0	-50.3	99.9	251.5	35.7	33.9	11.3	336.3	999.9	99.9	999.9	29.4	86.
34.4	101.0	10594.9	231.0	-50.6	99.9	251.2	36.2	34.3	11.7	338.3	999.9	99.9	999.9	30.2	86.
34.7	102.0	10737.5	226.0	-50.6	99.9	251.3	36.8	34.8	11.8	340.5	999.9	99.9	999.9	30.9	85.
35.1	103.0	10853.9	222.0	-50.6	99.9	251.5	37.3	35.4	11.8	342.2	999.9	99.9	999.9	31.8	85.
35.5	104.0	11002.2	217.0	-51.1	99.9	251.3	37.3	35.3	12.0	343.7	999.9	99.9	999.9	32.8	85.
35.8	105.0	11123.2	213.0	-51.1	99.9	250.3	35.9	33.8	12.1	345.6	999.9	99.9	999.9	33.3	84.
36.2	106.0	11246.5	209.0	-51.1	99.9	248.0	32.4	30.0	12.1	347.5	999.9	99.9	999.9	34.2	84.
36.6	107.0	11404.1	204.0	-51.0	99.9	244.1	27.7	24.9	12.1	350.1	999.9	99.9	999.9	35.2	84.
36.9	108.0	11532.9	200.0	-51.1	99.9	241.6	25.4	22.3	12.1	351.9	999.9	99.9	999.9	35.4	83.
37.3	109.0	11664.3	196.0	-51.3	99.9	244.4	29.3	26.5	12.7	353.6	999.9	99.9	999.9	35.4	83.
37.7	110.0	11798.3	192.0	-51.3	99.9	248.6	37.2	34.6	13.6	355.7	999.9	99.9	999.9	36.1	83.
38.1	111.0	12004.5	186.0	-51.6	99.9	251.1	44.5	42.1	14.5	358.5	999.9	99.9	999.9	37.5	82.
38.6	112.0	12109.9	183.0	-51.9	99.9	250.3	44.5	41.9	15.0	359.6	999.9	99.9	999.9	39.2	82.
38.9	113.0	12253.2	179.0	-51.9	99.9	248.2	41.1	38.2	15.3	361.9	999.9	99.9	999.9	39.7	82.
39.3	114.0	12399.6	175.0	-51.9	99.9	246.1	39.6	36.2	16.0	364.3	999.9	99.9	999.9	40.7	81.
39.7	115.0	12549.5	171.0	-52.0	99.9	245.5	41.3	37.6	17.1	366.4	999.9	99.9	999.9	41.3	81.
40.1	116.0	12741.3	166.0	-52.8	99.9	245.7	44.4	40.5	18.3	368.2	999.9	99.9	999.9	42.0	81.
40.6	117.0	12898.7	162.0	-53.0	99.9	244.8	44.4	40.2	13.9	370.6	999.9	99.9	999.9	44.3	80.
41.1	118.0	13059.9	158.0	-53.0	99.9	243.7	42.3	37.9	13.7	373.2	999.9	99.9	999.9	44.9	80.
41.5	119.0	13183.6	155.0	-52.8	99.9	244.9	43.4	39.3	15.4	375.5	999.9	99.9	999.9	45.6	79.
41.8	120.0	13352.2	151.0	-53.0	99.9	245.9	44.2	40.4	18.1	378.1	999.9	99.9	999.9	46.2	79.
42.5	121.0	13525.2	147.0	-53.3	99.9	244.2	41.4	37.3	18.0	380.4	999.9	99.9	999.9	48.7	79.
43.1	122.0	13658.0	144.0	-53.3	99.9	241.8	38.1	33.6	13.0	382.7	999.9	99.9	999.9	49.9	78.
43.6	123.0	13839.4	140.0	-53.3	99.9	243.5	38.1	34.1	17.0	385.8	999.9	99.9	999.9	51.0	78.
44.0	124.0	13979.0	137.0	-53.1	99.9	245.9	39.1	35.7	16.0	388.5	999.9	99.9	999.9	52.0	78.
44.6	125.0	14121.6	134.0	-53.3	99.9	247.7	42.3	39.1	16.1	390.6	999.9	99.9	999.9	53.2	77.
45.3	126.0	14316.9	130.0	-53.0	99.9	248.8	45.3	42.2	16.4	394.6	999.9	99.9	999.9	55.1	77.
45.8	127.0	14518.5	126.0	-52.8	99.9	249.6	42.6	40.0	14.9	398.5	999.9	99.9	999.9	56.7	77.
46.2	128.0	14674.0	123.0	-52.8	99.9	250.7	38.7	36.5	12.8	401.2	999.9	99.9	999.9	57.8	77.
46.8	129.0	14833.8	120.0	-52.7	99.9	253.0	35.4	33.9	10.3	404.3	999.9	99.9	999.9	58.7	77.
47.5	130.0	14996.9	117.0	-52.8	99.9	254.4	35.1	33.8	9.4	407.0	999.9	99.9	999.9	60.4	77.
48.2	131.0	15221.1	113.0	-53.5	99.9	254.2	30.4	29.3	3.3	409.9	999.9	99.9	999.9	61.7	76.
48.8	132.0	15394.1	110.0	-53.8	99.9	253.0	27.9	26.6	3.1	412.4	999.9	99.9	999.9	62.7	76.
49.4	133.0	15571.4	107.0	-54.6	99.9	250.5	27.8	26.2	9.2	414.2	999.9	99.9	999.9	63.6	76.
50.1	134.0	15753.4	104.0	-54.9	99.9	249.6	29.8	28.0	10.4	416.9	999.9	99.9	999.9	64.9	76.
50.6	135.0	15940.5	101.0	-55.4	99.9	251.0	31.7	29.9	10.3	419.5	999.9	99.9	999.9	65.7	76.
51.3	136.0	16197.4	97.0	-56.4	99.9	254.0	32.8	31.5	9.0	422.4	999.9	99.9	999.9	67.1	76.
52.1	137.0	16464.7	93.0	-56.6	99.9	255.9	27.9	27.0	5.8	427.2	999.9	99.9	999.9	68.8	76.
53.0	138.0	16672.4	90.0	-57.1	99.9	255.4	20.4	19.7	5.1	430.2	999.9	99.9	999.9	69.6	76.
53.8	139.0	16959.6	86.0	-57.9	99.9	251.3	25.0	23.7	8.0	434.1	999.9	99.9	999.9	71.1	76.
54.7	140.0	17183.1	83.0	-58.5	99.9	250.9	24.2	22.9	7.9	437.5	999.9	99.9	999.9	72.3	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN C AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
600 GMT

155 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
55.6	141.0	17414.5	80.0	-58.6	99.9	252.8	24.0	22.9	7.1	441.8	999.9	99.9	999.9	73.8	76.
56.5	142.0	17654.9	77.0	-58.3	99.9	247.7	24.4	22.6	9.3	447.4	999.9	99.9	999.9	74.8	76.
57.3	143.0	17991.5	73.0	-57.3	99.9	248.8	27.2	25.4	9.8	456.4	999.9	99.9	999.9	76.1	76.
58.2	144.0	18256.5	70.0	-57.8	99.9	248.4	23.9	22.2	8.8	460.8	999.9	99.9	999.9	77.6	76.
59.2	145.0	18531.9	67.0	-59.3	99.9	251.7	24.7	23.4	7.8	463.2	999.9	99.9	999.9	79.0	75.
60.2	146.0	18818.2	64.0	-60.2	99.9	255.2	25.8	24.9	6.6	467.4	999.9	99.9	999.9	80.5	75.
61.2	147.0	19117.0	61.0	-61.1	99.9	255.4	18.3	17.7	4.6	471.8	999.9	99.9	999.9	81.9	75.
62.1	148.0	19430.0	58.0	-61.3	99.9	255.4	23.0	22.3	5.8	478.3	999.9	99.9	999.9	82.8	75.
63.2	149.0	19872.4	54.0	-62.3	99.9	255.5	29.7	28.8	7.4	486.0	999.9	99.9	999.9	84.6	75.
64.3	150.0	20225.0	51.0	-62.8	99.9	259.6	26.3	25.9	4.8	492.7	999.9	99.9	999.9	86.8	75.
65.6	151.0	20598.6	48.0	-62.8	99.9	266.0	22.1	22.0	1.5	501.3	999.9	99.9	999.9	88.3	76.
66.8	152.0	20996.0	45.0	-63.0	99.9	257.7	20.4	19.9	1.3	510.2	999.9	99.9	999.9	90.0	76.
68.1	153.0	21420.1	42.0	-63.6	99.9	247.5	16.0	14.8	5.1	518.9	999.9	99.9	999.9	91.1	76.
69.5	154.0	21874.6	39.0	-64.0	99.9	250.8	22.7	21.4	7.4	529.0	999.9	99.9	999.9	92.9	76.
70.9	155.0	22364.1	36.0	-64.8	99.9	255.0	18.3	17.7	4.7	539.2	999.9	99.9	999.9	94.4	75.
72.6	156.0	22895.7	33.0	-64.4	99.9	259.8	25.8	25.4	4.6	553.9	999.9	99.9	999.9	97.2	76.
74.3	157.0	23478.6	30.0	-64.4	99.9	263.3	26.9	26.8	3.1	569.2	999.9	99.9	999.9	99.6	76.
76.3	158.0	24354.2	26.0	-64.2	99.9	275.5	28.9	28.8	-2.8	593.5	999.9	99.9	999.9	103.1	76.
78.4	159.0	25104.7	23.0	-64.2	99.9	278.4	26.3	26.0	-3.9	614.7	999.9	99.9	999.9	106.2	77.
80.8	160.0	25960.6	20.0	-64.0	99.9	999.9	99.9	99.9	99.9	640.4	999.9	99.9	999.9	999.9	999.

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
1115 GMT

154 15. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	175.0	995.0	-6.3	-8.2	300.0	5.1	4.4	-2.5	267.5	272.8	2.1	86.0	0.0	0.
0.3	7.0	261.9	984.0	-6.9	-8.6	292.3	10.4	9.6	-3.9	267.8	273.0	2.0	87.5	0.2	109.
0.6	8.0	357.6	972.0	-7.6	-8.6	292.3	10.3	9.5	-3.9	268.0	273.2	2.0	92.5	0.3	110.
0.9	9.0	446.1	961.0	-8.5	-9.0	292.5	10.0	9.3	-3.8	267.9	273.1	2.0	96.2	0.5	111.
1.2	10.0	527.1	951.0	-9.2	-9.5	291.7	9.9	9.2	-3.7	268.0	273.0	2.0	97.8	0.7	111.
1.6	11.0	641.7	937.0	-10.2	-10.4	290.9	10.0	9.3	-3.6	268.1	272.8	1.8	98.8	0.9	111.
1.9	12.0	732.7	926.0	-10.4	-10.5	292.3	10.6	9.8	-4.0	268.8	273.6	1.8	98.8	1.1	111.
2.2	13.0	824.7	915.0	-10.8	-11.0	294.4	10.9	9.9	-4.5	269.3	274.0	1.8	98.8	1.3	111.
2.4	14.0	909.7	905.0	-8.2	-8.6	296.1	11.0	9.9	-4.8	272.9	278.6	2.2	96.6	1.4	112.
2.8	15.0	1004.8	894.0	-7.9	-8.3	305.2	10.5	8.6	-6.1	274.2	280.1	2.3	96.7	1.7	113.
3.1	16.0	1118.6	881.0	-8.5	-8.9	311.4	10.1	7.6	-6.7	274.7	280.5	2.2	96.6	1.8	114.
3.5	17.0	1216.0	870.0	-9.2	-9.7	312.5	9.6	7.1	-6.5	274.9	280.5	2.1	96.5	2.1	116.
3.8	18.0	1305.5	860.0	-8.8	-9.2	304.7	10.3	8.4	-5.9	276.3	282.1	2.2	96.5	2.2	118.
4.2	19.0	1405.4	849.0	-8.6	-9.1	304.1	11.1	9.2	-6.2	277.5	283.5	2.3	96.6	2.5	118.
4.4	20.0	1497.3	839.0	-8.8	-9.2	307.8	11.3	9.0	-6.9	278.2	284.3	2.3	96.5	2.6	118.
4.8	21.0	1599.6	828.0	-8.9	-9.4	311.7	9.9	7.4	-6.6	279.1	285.2	2.3	96.5	2.9	120.
5.2	22.0	1712.7	816.0	-9.1	-9.5	310.8	8.6	6.5	-5.6	280.2	286.3	2.3	96.5	3.1	121.
5.5	23.0	1808.2	806.0	-8.9	-9.4	306.1	8.1	6.6	-4.8	281.3	287.6	2.3	96.5	3.2	121.
5.9	24.0	1914.6	795.0	-9.4	-9.8	309.3	9.4	7.3	-5.9	281.9	288.1	2.3	96.5	3.4	121.
6.2	25.0	2012.5	785.0	-9.5	-10.0	310.3	9.8	7.5	-6.4	282.8	289.0	2.3	96.4	3.6	122.
6.6	26.0	2131.6	773.0	-10.0	-10.4	310.4	9.8	7.5	-6.4	283.6	289.7	2.2	96.4	3.9	122.
6.9	27.0	2232.0	763.0	-10.5	-11.0	309.2	9.2	7.1	-5.8	284.0	289.9	2.2	96.3	4.0	123.
7.3	28.0	2323.3	754.0	-11.1	-11.6	308.1	8.8	7.0	-5.5	284.3	290.1	2.1	96.2	4.2	123.
7.6	29.0	2425.7	744.0	-11.8	-12.3	307.1	8.7	6.9	-5.2	284.6	290.2	2.0	96.1	4.4	123.
7.9	30.0	2529.3	734.0	-12.5	-13.0	305.6	8.5	6.9	-5.0	285.0	290.3	1.9	96.0	4.5	123.
8.2	31.0	2634.0	724.0	-13.2	-13.8	302.1	8.5	7.2	-4.5	285.3	290.3	1.8	95.0	4.7	123.
8.5	32.0	2739.8	714.0	-13.9	-14.7	297.8	8.6	7.6	-4.0	285.6	290.4	1.7	94.0	4.9	124.
8.9	33.0	2825.4	706.0	-14.5	-15.2	291.1	9.6	8.9	-3.5	285.9	290.6	1.7	93.9	5.0	123.
9.3	34.0	2933.9	696.0	-12.9	-14.2	288.0	10.9	10.3	-3.4	288.8	294.0	1.8	90.3	5.3	122.
9.6	35.0	3044.3	686.0	-13.1	-18.8	287.2	11.7	11.2	-3.5	289.8	293.5	1.3	61.8	5.5	121.
10.1	36.0	3167.4	675.0	-13.6	-26.6	288.3	12.2	11.6	-3.8	290.4	292.4	0.6	32.5	5.8	120.
10.4	37.0	3269.4	666.0	-13.6	-21.7	289.1	12.2	11.5	-4.0	291.6	294.6	1.0	50.3	6.1	120.
10.8	38.0	3372.8	657.0	-14.2	-22.2	289.9	12.1	11.4	-4.1	292.1	295.0	1.0	50.6	6.4	120.
11.1	39.0	3477.3	648.0	-14.9	-22.3	290.6	12.2	11.4	-4.3	292.5	295.4	1.0	53.2	6.6	119.
11.4	40.0	3571.3	640.0	-15.5	-22.2	291.5	12.4	11.5	-4.5	292.9	295.9	1.0	55.9	6.8	119.
11.9	41.0	3714.0	628.0	-16.3	-22.4	292.6	12.7	11.7	-4.9	293.5	296.5	1.0	58.9	7.2	119.
12.2	42.0	3810.4	620.0	-17.1	-23.4	292.5	13.0	12.0	-5.0	293.6	296.4	0.9	57.8	7.4	119.
12.6	43.0	3919.9	611.0	-17.8	-24.3	291.7	13.3	12.3	-4.9	294.1	296.7	0.9	56.3	7.7	118.
12.9	44.0	4030.8	602.0	-18.6	-26.1	290.5	13.4	12.6	-4.7	294.4	296.7	0.7	51.2	7.9	118.
13.2	45.0	4130.5	594.0	-19.1	-27.9	289.3	13.4	12.7	-4.4	294.9	296.8	0.6	45.4	8.2	118.
13.5	46.0	4243.9	585.0	-20.2	-29.5	288.0	13.3	12.7	-4.1	294.9	296.6	0.6	42.5	8.4	118.
13.9	47.0	4358.6	576.0	-21.2	-30.7	286.4	13.1	12.5	-3.7	295.1	296.7	0.5	41.6	8.7	117.
14.2	48.0	4461.7	568.0	-21.8	-30.8	285.3	13.0	12.6	-3.4	295.5	297.1	0.5	43.6	9.0	117.
14.6	49.0	4565.9	560.0	-23.0	-32.3	283.7	13.0	12.7	-3.1	295.3	296.7	0.4	42.3	9.3	117.
14.9	50.0	4684.5	551.0	-23.7	-32.5	282.0	13.0	12.7	-2.7	295.8	297.3	0.4	43.7	9.5	116.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
1115 GMT

154 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.3	51.0	4818.0	541.0	-24.9	-33.6	279.1	12.9	12.8	-2.0	296.0	297.3	0.4	43.7	9.8	116.
15.6	52.0	4912.6	534.0	-25.5	-33.0	276.7	12.9	12.8	-1.5	296.3	297.7	0.4	49.5	10.0	115.
16.0	53.0	5035.7	525.0	-26.3	-33.8	274.0	13.2	13.2	-0.9	296.8	298.1	0.4	49.0	10.3	115.
16.4	54.0	5146.5	517.0	-27.5	-35.0	273.0	14.1	14.1	-0.7	296.6	297.8	0.4	48.8	10.6	114.
16.7	55.0	5244.4	510.0	-28.6	-36.0	272.6	14.7	14.7	-0.7	296.5	297.6	0.3	48.3	10.8	114.
17.1	56.0	5386.0	500.0	-29.5	-37.0	272.1	15.4	15.3	-0.6	297.1	298.1	0.3	47.8	11.2	113.
17.4	57.0	5500.9	492.0	-30.7	-38.1	271.4	15.6	15.6	-0.4	297.0	297.9	0.3	47.7	11.5	112.
17.8	58.0	5617.1	484.0	-31.5	-39.3	269.9	15.9	15.9	0.0	297.4	298.2	0.3	45.5	11.8	112.
18.2	59.0	5720.1	477.0	-32.3	-40.1	268.2	16.3	16.3	0.5	297.7	298.4	0.2	45.1	12.2	111.
18.5	60.0	5824.2	470.0	-33.3	-41.0	267.0	16.6	16.6	0.9	297.6	298.3	0.2	45.5	12.5	111.
18.9	61.0	5929.4	463.0	-34.3	-41.9	265.9	16.9	16.9	1.2	297.7	298.4	0.2	45.4	12.8	110.
19.3	62.0	6066.5	454.0	-35.2	-43.0	265.1	17.0	16.9	1.4	298.2	298.9	0.2	44.3	13.2	109.
19.6	63.0	6174.7	447.0	-36.0	-44.5	264.8	17.0	16.9	1.5	298.5	299.1	0.2	40.7	13.5	108.
20.1	64.0	6284.1	440.0	-36.9	-45.4	264.6	17.3	17.2	1.6	298.7	299.2	0.1	40.5	13.9	108.
20.4	65.0	6394.8	433.0	-38.0	-46.9	264.3	17.7	17.6	1.7	298.7	299.1	0.1	38.0	14.2	107.
20.9	66.0	6539.1	424.0	-39.3	-48.9	262.7	18.1	18.0	2.3	298.8	299.1	0.1	35.0	14.8	106.
21.3	67.0	6652.9	417.0	-40.3	99.9	261.0	18.3	18.1	2.9	299.0	999.9	99.9	999.9	15.1	106.
21.7	68.0	6768.1	410.0	-41.4	99.9	259.1	18.2	17.9	3.5	299.1	999.9	99.9	999.9	15.5	105.
22.2	69.0	6884.7	403.0	-42.4	99.9	256.3	17.6	17.1	4.2	299.3	999.9	99.9	999.9	16.0	104.
22.5	70.0	7002.9	396.0	-43.5	99.9	254.3	17.0	16.4	4.6	299.4	999.9	99.9	999.9	16.3	104.
23.0	71.0	7139.8	388.0	-44.7	99.9	251.7	16.6	15.8	5.2	299.5	999.9	99.9	999.9	16.7	103.
23.4	72.0	7261.4	381.0	-45.7	99.9	251.4	16.6	15.7	5.3	299.7	999.9	99.9	999.9	17.1	102.
23.9	73.0	7366.8	375.0	-47.0	99.9	252.5	16.4	15.6	4.9	299.4	999.9	99.9	999.9	17.5	101.
24.2	74.0	7491.3	368.0	-48.0	99.9	253.7	16.2	15.6	4.6	299.6	999.9	99.9	999.9	17.7	101.
24.7	75.0	7599.5	362.0	-48.9	99.9	255.6	15.8	15.3	3.9	299.9	999.9	99.9	999.9	18.2	100.
25.1	76.0	7727.4	355.0	-50.1	99.9	256.4	15.0	14.6	3.5	299.9	999.9	99.9	999.9	18.5	99.
25.4	77.0	7838.5	349.0	-51.0	99.9	256.2	14.1	13.6	3.4	300.2	999.9	99.9	999.9	18.8	99.
25.8	78.0	7951.1	343.0	-51.9	99.9	256.2	13.5	13.1	3.2	300.4	999.9	99.9	999.9	19.1	99.
26.3	79.0	8065.1	337.0	-53.3	99.9	256.9	14.4	14.0	3.3	300.0	999.9	99.9	999.9	19.4	98.
26.7	80.0	8180.6	331.0	-54.0	99.9	256.5	16.2	15.8	3.8	300.7	999.9	99.9	999.9	19.7	98.
27.1	81.0	8317.7	324.0	-54.5	99.9	254.6	18.3	17.6	4.9	301.9	999.9	99.9	999.9	20.2	98.
27.4	82.0	8457.5	317.0	-54.6	99.9	252.1	19.7	18.8	6.0	303.6	999.9	99.9	999.9	20.4	97.
27.9	83.0	8559.2	312.0	-55.1	99.9	249.8	22.3	20.9	7.7	304.3	999.9	99.9	999.9	21.0	96.
28.4	84.0	8683.2	306.0	-55.1	99.9	250.1	25.0	23.5	8.5	306.0	999.9	99.9	999.9	21.6	96.
28.7	85.0	8809.4	300.0	-56.1	99.9	250.5	26.5	25.0	8.8	306.3	999.9	99.9	999.9	22.0	95.
29.2	86.0	8960.0	293.0	-54.6	99.9	250.9	28.6	27.1	9.4	310.5	999.9	99.9	999.9	22.8	94.
29.6	87.0	9070.3	288.0	-54.3	99.9	251.1	29.9	28.3	9.7	312.5	999.9	99.9	999.9	23.4	94.
30.0	88.0	9205.4	282.0	-54.0	99.9	251.4	30.4	28.8	9.7	314.8	999.9	99.9	999.9	24.2	93.
30.5	89.0	9343.4	276.0	-54.0	99.9	251.6	30.5	28.9	9.6	316.7	999.9	99.9	999.9	25.0	92.
30.9	90.0	9460.8	271.0	-54.0	99.9	251.8	30.9	29.3	9.7	318.4	999.9	99.9	999.9	25.7	92.
31.3	91.0	9580.5	266.0	-53.3	99.9	252.4	31.3	29.8	9.5	321.0	999.9	99.9	999.9	26.4	91.
31.8	92.0	9702.4	261.0	-52.7	99.9	253.1	31.6	30.2	9.2	323.7	999.9	99.9	999.9	27.3	90.
32.2	93.0	9853.1	255.0	-52.6	99.9	252.9	31.8	30.4	9.3	326.1	999.9	99.9	999.9	28.0	90.
32.7	94.0	9981.1	250.0	-52.4	99.9	251.3	32.0	30.3	10.2	328.2	999.9	99.9	999.9	29.0	89.
33.1	95.0	10111.7	245.0	-52.6	99.9	249.8	32.1	30.1	11.1	329.8	999.9	99.9	999.9	29.7	89.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
1115 GMT

154 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES* MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.7	96.0	10272.0	239.0	-52.1	99.9	248.8	32.1	29.9	11.6	332.9	999.9	99.9	999.9	30.8	88.
34.1	97.0	10409.1	234.0	-51.5	99.9	249.4	32.8	30.7	11.5	335.8	999.9	99.9	999.9	31.5	88.
34.5	98.0	10549.5	229.0	-51.2	99.9	251.0	34.1	32.3	11.1	338.4	999.9	99.9	999.9	32.2	87.
34.9	99.0	10663.9	225.0	-51.8	99.9	252.6	34.8	33.2	10.4	339.2	999.9	99.9	999.9	33.0	87.
35.3	100.0	10809.5	220.0	-51.9	99.9	253.3	34.2	32.7	9.8	341.1	999.9	99.9	999.9	33.9	86.
35.9	101.0	10988.6	214.0	-52.1	99.9	253.7	33.7	32.4	9.5	343.6	999.9	99.9	999.9	35.1	86.
36.4	102.0	11110.8	210.0	-52.1	99.9	254.1	36.5	35.1	10.0	345.4	999.9	99.9	999.9	35.8	86.
36.8	103.0	11266.9	205.0	-51.8	99.9	254.0	37.8	36.4	10.4	348.3	999.9	99.9	999.9	37.0	85.
37.4	104.0	11394.7	201.0	-51.9	99.9	253.7	35.7	34.3	10.0	350.0	999.9	99.9	999.9	38.5	85.
37.9	105.0	11524.6	197.0	-52.9	99.9	253.7	33.4	32.0	9.4	350.6	999.9	99.9	999.9	39.1	85.
38.4	106.0	11690.3	192.0	-53.5	99.9	253.6	33.4	32.0	9.4	352.1	999.9	99.9	999.9	40.4	84.
39.0	107.0	11825.7	188.0	-53.5	99.9	253.7	35.1	33.7	9.8	354.3	999.9	99.9	999.9	41.2	84.
39.4	108.0	11963.9	184.0	-54.0	99.9	254.2	35.4	34.0	9.6	355.7	999.9	99.9	999.9	42.3	84.
39.8	109.0	12104.9	180.0	-54.3	99.9	253.9	34.2	32.9	9.5	357.4	999.9	99.9	999.9	43.3	84.
40.3	110.0	12249.0	176.0	-54.5	99.9	252.7	33.4	31.9	10.0	359.5	999.9	99.9	999.9	44.1	84.
40.9	111.0	12433.3	171.0	-55.1	99.9	252.3	36.1	34.4	11.0	361.4	999.9	99.9	999.9	45.2	83.
41.4	112.0	12584.4	167.0	-55.3	99.9	253.4	38.3	36.7	10.9	363.6	999.9	99.9	999.9	46.4	83.
41.9	113.0	12739.2	163.0	-55.3	99.9	253.9	37.2	35.7	10.3	366.1	999.9	99.9	999.9	47.7	83.
42.3	114.0	12897.7	159.0	-55.4	99.9	254.0	35.9	34.5	9.9	368.4	999.9	99.9	999.9	48.5	83.
42.8	115.0	13019.2	156.0	-55.3	99.9	255.0	36.4	35.2	9.4	370.7	999.9	99.9	999.9	49.4	82.
43.5	116.0	13227.6	151.0	-54.3	99.9	256.5	40.4	39.3	9.4	375.8	999.9	99.9	999.9	51.0	82.
44.0	117.0	13399.7	147.0	-54.1	99.9	256.5	42.3	41.1	9.9	379.0	999.9	99.9	999.9	52.4	82.
44.5	118.0	13532.0	144.0	-54.3	99.9	256.4	43.3	42.1	10.2	381.0	999.9	99.9	999.9	53.3	82.
45.1	119.0	13712.7	140.0	-54.0	99.9	256.3	41.5	40.3	9.9	384.6	999.9	99.9	999.9	55.3	82.
45.6	120.0	13851.7	137.0	-54.1	99.9	256.5	37.6	36.5	8.7	386.7	999.9	99.9	999.9	56.4	82.
46.1	121.0	14041.6	133.0	-54.6	99.9	258.6	33.5	32.9	6.6	389.2	999.9	99.9	999.9	57.5	81.
46.7	122.0	14187.7	130.0	-54.3	99.9	262.1	31.3	31.0	4.3	392.3	999.9	99.9	999.9	58.5	82.
47.2	123.0	14388.5	126.0	-53.3	99.9	262.3	31.8	31.5	4.3	397.5	999.9	99.9	999.9	59.4	82.
47.8	124.0	14544.0	123.0	-52.6	99.9	259.8	32.4	31.9	5.7	401.7	999.9	99.9	999.9	60.7	82.
48.4	125.0	14703.6	120.0	-52.4	99.9	257.4	31.3	30.6	6.8	404.8	999.9	99.9	999.9	61.9	82.
49.1	126.0	14922.7	116.0	-52.6	99.9	256.6	32.0	31.2	7.4	408.5	999.9	99.9	999.9	63.0	81.
49.7	127.0	15092.2	113.0	-52.1	99.9	253.3	31.3	30.0	9.0	412.4	999.9	99.9	999.9	64.3	81.
50.1	128.0	15266.2	110.0	-52.6	99.9	248.3	28.4	26.4	10.5	414.7	999.9	99.9	999.9	65.2	81.
50.6	129.0	15505.1	106.0	-53.3	99.9	240.7	25.0	21.8	12.3	417.7	999.9	99.9	999.9	65.7	81.
51.3	130.0	15689.6	103.0	-54.1	99.9	242.1	27.5	24.3	12.9	419.6	999.9	99.9	999.9	66.6	81.
52.0	131.0	15878.8	100.0	-55.1	99.9	248.9	33.9	31.6	12.2	421.3	999.9	99.9	999.9	67.9	80.
52.7	132.0	16073.2	97.0	-55.4	99.9	249.5	32.8	30.7	11.5	424.3	999.9	99.9	999.9	69.5	80.
53.4	133.0	16273.4	94.0	-55.9	99.9	248.5	28.3	26.3	10.4	427.2	999.9	99.9	999.9	70.7	80.
54.1	134.0	16479.6	91.0	-56.2	99.9	251.6	31.4	29.8	9.9	430.5	999.9	99.9	999.9	71.6	80.
54.9	135.0	16692.7	88.0	-56.1	99.9	254.8	33.8	32.6	8.9	435.0	999.9	99.9	999.9	73.5	80.
55.7	136.0	16913.2	85.0	-56.2	99.9	257.7	28.9	28.3	5.1	439.0	999.9	99.9	999.9	75.0	80.
56.5	137.0	17218.5	81.0	-57.6	99.9	260.9	31.1	30.7	4.9	442.4	999.9	99.9	999.9	76.5	80.
57.3	138.0	17456.3	78.0	-58.4	99.9	259.3	32.9	32.4	6.1	445.4	999.9	99.9	999.9	77.9	80.
58.1	139.0	17702.1	75.0	-60.0	99.9	257.2	35.2	34.3	7.8	447.2	999.9	99.9	999.9	79.3	80.
59.0	140.0	17956.4	72.0	-61.0	99.9	253.2	32.0	31.3	6.5	450.2	999.9	99.9	999.9	81.6	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
1115 GMT

154 15. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
59.9	141.0	18219.8	69.0	-62.7	99.9	259.7	31.1	30.6	5.6	452.1	999.9	99.9	999.9	82.8	79.
61.0	142.0	18495.5	66.0	-60.2	99.9	262.2	36.6	36.3	5.0	463.4	999.9	99.9	999.9	85.4	79.
62.1	143.0	18885.4	62.0	-60.3	99.9	265.6	24.5	24.5	1.9	471.4	999.9	99.9	999.9	87.8	80.
63.1	144.0	19194.7	59.0	-60.2	99.9	265.3	20.5	20.4	1.7	478.5	999.9	99.9	999.9	88.6	80.
64.2	145.0	19519.7	56.0	-60.9	99.9	257.1	22.8	22.2	5.1	484.1	999.9	99.9	999.9	90.1	80.
65.3	146.0	19861.3	53.0	-61.8	99.9	263.9	23.4	23.2	2.5	489.7	999.9	99.9	999.9	91.6	80.
66.4	147.0	20222.0	50.0	-62.0	99.9	276.7	20.5	20.4	-2.4	497.5	999.9	99.9	999.9	93.1	80.
67.7	148.0	20473.6	48.0	-63.4	99.9	271.9	20.9	20.9	-0.7	499.8	999.9	99.9	999.9	94.4	80.
69.0	149.0	20870.2	45.0	-63.3	99.9	269.6	22.8	22.8	0.2	509.6	999.9	99.9	999.9	96.9	80.
70.4	150.0	21293.2	42.0	-64.4	99.9	264.0	22.1	21.9	2.3	516.9	999.9	99.9	999.9	98.0	80.
71.8	151.0	21746.8	39.0	-64.0	99.9	260.8	22.8	22.5	3.7	528.9	999.9	99.9	999.9	100.0	80.
73.5	152.0	22238.7	36.0	-62.7	99.9	265.9	21.9	21.8	1.6	544.6	999.9	99.9	999.9	102.2	81.
75.3	153.0	22774.1	33.0	-63.4	99.9	270.1	24.0	24.0	-0.0	556.3	999.9	99.9	999.9	104.6	81.
77.0	154.0	23358.5	30.0	-64.2	99.9	272.5	25.2	25.2	-1.1	569.6	999.9	99.9	999.9	107.2	81.
79.0	155.0	24006.0	27.0	-62.5	99.9	271.6	25.6	25.6	-0.7	591.8	999.9	99.9	999.9	110.1	81.
81.0	156.0	24730.1	24.0	-64.0	99.9	277.7	23.1	22.9	-3.1	607.7	999.9	99.9	999.9	113.3	82.
83.2	157.0	25545.8	21.0	-65.2	99.9	275.7	25.6	25.5	-2.5	627.9	999.9	99.9	999.9	115.9	82.
86.1	158.0	26495.4	18.0	-60.5	99.9	271.6	27.8	27.7	-0.8	670.9	999.9	99.9	999.9	120.1	83.
88.8	159.0	27632.0	15.0	-60.2	99.9	999.9	99.9	99.9	99.9	708.0	999.9	99.9	999.9	999.9	999.

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
1501 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	175.0	996.0	-6.7	-9.6	310.0	8.8	6.7	-5.7	267.0	271.8	1.9	80.0	0.0	0.
0.1	6.0	182.8	995.0	-6.3	-9.1	299.4	9.7	8.4	-4.8	267.4	272.4	1.9	80.3	0.2	123.
0.3	7.0	269.6	984.0	-7.8	-10.6	299.4	9.7	8.4	-4.8	266.8	271.2	1.7	80.3	0.2	123.
0.7	8.0	356.9	973.0	-9.0	-10.8	299.1	10.1	8.8	-4.9	266.5	270.9	1.7	86.3	0.4	122.
1.1	9.0	444.7	962.0	-10.0	-11.0	298.0	10.7	9.4	-5.0	266.3	270.7	1.7	92.1	0.6	121.
1.3	10.0	525.2	952.0	-11.0	-11.6	297.0	10.6	9.5	-4.8	266.1	270.3	1.7	95.4	0.7	120.
1.8	11.0	638.9	938.0	-11.7	-12.0	298.0	11.0	9.7	-5.2	266.5	270.7	1.6	97.9	1.1	119.
2.2	12.0	721.0	928.0	-12.4	-12.6	304.0	11.0	9.1	-6.1	266.6	270.6	1.6	98.5	1.3	119.
2.4	13.0	812.1	917.0	-12.6	-12.7	308.8	10.8	8.4	-6.8	267.3	271.4	1.6	98.5	1.5	119.
2.8	14.0	896.4	907.0	-9.6	-9.8	312.2	9.9	7.3	-6.7	271.3	276.5	2.0	98.2	1.7	122.
3.1	15.0	990.8	896.0	-9.3	-9.5	311.9	9.3	6.9	-6.2	272.6	278.0	2.1	98.3	1.9	123.
3.5	16.0	1104.1	883.0	-8.3	-8.5	308.1	8.9	7.0	-5.5	274.8	280.8	2.3	97.9	2.1	123.
3.9	17.0	1192.6	873.0	-8.4	-8.7	316.0	9.3	6.5	-6.7	275.5	281.5	2.3	97.9	2.3	124.
4.2	18.0	1291.0	862.0	-8.5	-8.8	318.3	10.0	6.7	-7.5	276.4	282.4	2.3	97.9	2.5	125.
4.5	19.0	1381.5	852.0	-8.7	-9.0	318.8	10.9	7.2	-8.2	277.1	283.2	2.3	97.9	2.7	126.
4.8	20.0	1473.1	842.0	-8.8	-9.1	318.3	10.5	7.0	-7.9	277.9	284.0	2.3	97.9	2.8	127.
5.3	21.0	1584.3	830.0	-9.4	-9.8	319.3	11.0	7.2	-8.3	278.4	284.3	2.2	97.1	3.2	128.
5.6	22.0	1668.6	821.0	-9.6	-10.0	320.2	11.1	7.1	-8.5	279.1	285.0	2.2	96.6	3.3	129.
5.8	23.0	1782.4	809.0	-9.6	-10.3	320.2	10.4	6.7	-8.0	280.3	286.1	2.2	94.1	3.5	129.
6.1	24.0	1878.7	795.0	-8.8	-11.7	319.4	9.3	6.0	-7.0	282.1	287.4	1.9	79.4	3.7	130.
6.4	25.0	1966.4	790.0	-9.1	-13.4	315.7	8.0	5.6	-5.7	282.6	287.4	1.7	70.7	3.8	130.
6.9	26.0	2084.9	778.0	-9.3	-14.8	314.0	9.3	6.7	-6.4	283.7	288.0	1.5	63.7	4.0	130.
7.2	27.0	2184.8	768.0	-10.0	-15.0	315.2	9.9	7.0	-7.0	284.0	288.3	1.5	66.4	4.2	130.
7.6	28.0	2285.8	758.0	-11.0	-15.6	317.1	10.3	7.0	-7.6	283.9	288.2	1.5	68.8	4.5	131.
8.0	29.0	2377.4	749.0	-12.1	-15.4	318.2	11.1	7.4	-8.2	283.7	288.0	1.5	76.3	4.7	131.
8.3	30.0	2480.0	739.0	-13.0	-15.0	318.2	11.4	7.6	-8.5	283.9	288.4	1.6	84.5	4.9	131.
8.7	31.0	2573.4	730.0	-13.7	-14.8	316.9	11.7	8.0	-8.6	284.1	288.7	1.7	91.6	5.2	132.
9.0	32.0	2667.6	721.0	-14.7	-15.1	314.9	11.9	8.4	-8.4	284.0	288.5	1.6	96.3	5.4	132.
9.3	33.0	2773.3	711.0	-15.5	-15.9	310.6	12.1	9.2	-7.9	284.2	288.6	1.6	96.8	5.6	132.
9.7	34.0	2859.4	703.0	-11.7	-17.9	305.0	12.5	10.3	-7.2	289.3	293.2	1.3	60.0	5.9	132.
10.0	35.0	2969.2	693.0	-11.6	-18.7	301.0	12.9	11.0	-6.6	290.6	294.3	1.3	55.1	6.2	132.
10.4	36.0	3091.7	682.0	-12.1	-20.0	297.2	13.0	11.5	-5.9	291.3	294.7	1.1	51.6	6.5	131.
10.7	37.0	3193.3	673.0	-12.6	-20.6	294.8	13.1	11.9	-5.5	292.0	295.2	1.1	50.7	6.7	131.
11.1	38.0	3295.9	664.0	-13.5	-21.5	291.8	13.2	12.3	-4.9	292.0	295.0	1.0	50.7	7.0	130.
11.4	39.0	3399.6	655.0	-14.2	-22.3	289.6	13.3	12.5	-4.5	292.3	295.2	1.0	50.1	7.2	129.
11.8	40.0	3492.7	647.0	-14.9	-23.2	286.4	13.2	12.7	-3.7	292.5	295.3	0.9	49.2	7.5	128.
12.2	41.0	3622.3	636.0	-15.8	-24.0	283.2	13.2	12.9	-3.0	293.0	295.6	0.9	48.8	7.8	127.
12.6	42.0	3729.6	627.0	-16.7	-25.1	280.3	13.3	13.1	-2.4	293.1	295.5	0.8	48.2	8.1	126.
12.9	43.0	3838.1	618.0	-17.3	-26.5	278.7	13.5	13.3	-2.0	293.7	295.9	0.7	44.4	8.3	126.
13.3	44.0	3935.7	610.0	-18.1	-26.4	277.2	13.6	13.5	-1.7	293.8	296.1	0.7	48.0	8.6	125.
13.7	45.0	4046.6	601.0	-18.9	-25.0	276.2	13.7	13.6	-1.5	294.2	296.7	0.8	58.2	8.9	124.
14.1	46.0	4146.3	593.0	-19.7	-25.4	275.5	13.7	13.6	-1.3	294.4	296.8	0.8	60.1	9.2	123.
14.4	47.0	4259.6	584.0	-20.7	-25.5	275.0	13.5	13.5	-1.2	294.5	297.0	0.8	65.0	9.4	122.
14.8	48.0	4361.5	576.0	-21.5	-27.0	274.4	13.1	13.1	-1.0	294.8	297.0	0.7	60.9	9.7	121.
15.2	49.0	4464.5	568.0	-22.4	-28.0	274.2	12.8	12.7	-0.9	294.8	296.9	0.7	60.3	10.0	120.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
1501 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.6	50.0	4568.5	560.0	-23.3	-28.2	274.4	12.6	12.5	-1.0	294.9	297.0	0.7	64.3	10.2	119.
16.0	51.0	4700.1	550.0	-24.4	-28.7	274.2	12.4	12.4	-0.9	295.2	297.2	0.6	67.4	10.5	119.
16.3	52.0	4806.8	542.0	-25.3	-29.4	272.9	12.0	12.0	-0.6	295.3	297.2	0.6	68.3	10.7	118.
16.7	53.0	4914.6	534.0	-26.1	-29.6	270.8	11.5	11.5	-0.2	295.6	297.5	0.6	72.4	11.0	118.
17.1	54.0	5023.6	526.0	-27.3	-30.7	268.8	11.1	11.1	0.2	295.4	297.2	0.6	72.5	11.2	117.
17.6	55.0	5133.7	518.0	-28.4	-31.0	267.1	11.3	11.3	0.6	295.5	297.2	0.5	77.7	11.5	116.
18.0	56.0	5245.1	510.0	-29.4	-31.1	265.7	11.8	11.8	0.9	295.5	297.2	0.6	85.5	11.7	116.
18.3	57.0	5357.9	502.0	-30.1	-31.8	264.1	11.9	11.8	1.2	296.0	297.7	0.5	84.5	11.9	115.
18.7	58.0	5472.0	494.0	-31.1	-32.9	262.6	11.6	11.5	1.5	296.1	297.6	0.5	84.5	12.2	114.
19.1	59.0	5587.5	486.0	-32.2	-33.9	262.1	11.1	11.0	1.5	296.2	297.6	0.4	84.3	12.4	113.
19.5	60.0	5689.8	479.0	-33.0	-36.7	263.4	10.8	10.8	1.2	296.4	297.5	0.3	69.3	12.6	113.
19.8	61.0	5808.1	471.0	-33.7	-38.4	265.3	11.2	11.1	0.9	297.0	297.9	0.3	61.9	12.8	113.
20.3	62.0	5882.8	466.0	-34.5	-41.3	268.2	11.9	11.9	0.4	296.9	297.6	0.2	49.3	13.1	112.
20.6	63.0	6019.0	457.0	-35.3	-42.1	269.6	12.4	12.4	0.1	297.6	298.2	0.2	49.2	13.3	111.
21.0	64.0	6126.3	450.0	-36.3	-42.8	271.2	13.0	13.0	-0.3	297.5	298.2	0.2	50.7	13.6	111.
21.3	65.0	6234.8	443.0	-37.4	-44.4	271.1	13.2	13.2	-0.3	297.5	298.0	0.2	47.8	13.8	111.
21.8	66.0	6376.2	434.0	-38.6	-46.1	270.0	13.6	13.6	0.0	297.7	298.2	0.1	44.5	14.2	110.
22.2	67.0	6487.7	427.0	-39.5	-48.4	268.5	14.4	14.4	0.4	298.0	298.4	0.1	37.6	14.5	110.
22.6	68.0	6600.6	420.0	-40.4	99.9	267.2	15.4	15.4	0.7	298.3	999.9	99.9	999.9	14.8	109.
23.0	69.0	6714.9	413.0	-41.3	99.9	266.6	16.6	16.6	1.0	298.6	999.9	99.9	999.9	15.2	109.
23.3	70.0	6814.2	407.0	-42.1	99.9	266.2	17.2	17.1	1.1	298.8	999.9	99.9	999.9	15.5	108.
23.8	71.0	6965.1	398.0	-43.2	99.9	265.2	17.5	17.4	1.5	299.3	999.9	99.9	999.9	16.0	108.
24.2	72.0	7067.2	392.0	-44.5	99.9	263.8	17.0	16.9	1.8	298.9	999.9	99.9	999.9	16.4	107.
24.6	73.0	7187.6	385.0	-45.3	99.9	262.0	16.3	16.2	2.3	299.3	999.9	99.9	999.9	16.8	106.
25.0	74.0	7292.2	379.0	-46.3	99.9	260.7	16.0	15.7	2.6	299.3	999.9	99.9	999.9	17.0	106.
25.3	75.0	7415.7	372.0	-47.5	99.9	260.5	16.1	15.9	2.7	299.4	999.9	99.9	999.9	17.3	105.
25.7	76.0	7522.9	366.0	-48.6	99.9	260.0	16.4	16.1	2.8	299.4	999.9	99.9	999.9	17.7	105.
26.1	77.0	7631.5	360.0	-49.5	99.9	258.9	16.5	16.2	3.2	299.6	999.9	99.9	999.9	18.0	104.
26.6	78.0	7759.8	353.0	-50.5	99.9	256.0	16.3	15.9	4.0	299.9	999.9	99.9	999.9	18.5	104.
26.9	79.0	7871.4	347.0	-51.6	99.9	253.8	16.1	15.4	4.5	299.9	999.9	99.9	999.9	18.8	103.
27.3	80.0	7984.2	341.0	-53.0	99.9	251.3	15.7	14.9	5.0	299.5	999.9	99.9	999.9	19.1	103.
27.8	81.0	8117.7	334.0	-53.8	99.9	249.5	15.3	14.4	5.4	300.2	999.9	99.9	999.9	19.5	102.
28.2	82.0	8233.8	328.0	-55.1	99.9	248.9	15.0	14.0	5.4	300.0	999.9	99.9	999.9	19.8	101.
28.7	83.0	8351.6	322.0	-55.7	99.9	248.9	14.9	13.9	5.4	300.6	999.9	99.9	999.9	20.2	101.
29.1	84.0	8471.2	316.0	-56.4	99.9	250.0	15.7	14.7	5.4	301.3	999.9	99.9	999.9	20.5	100.
29.5	85.0	8572.4	311.0	-56.4	99.9	252.4	17.8	16.9	5.4	302.7	999.9	99.9	999.9	20.6	100.
30.0	86.0	8717.6	304.0	-54.4	99.9	253.0	20.9	20.0	6.1	307.5	999.9	99.9	999.9	21.3	99.
30.3	87.0	8845.9	298.0	-52.4	99.9	250.7	21.6	20.4	7.1	312.1	999.9	99.9	999.9	21.7	99.
30.8	88.0	8955.5	293.0	-51.7	99.9	247.4	22.6	20.9	8.7	314.5	999.9	99.9	999.9	22.2	98.
31.3	89.0	9089.7	287.0	-51.6	99.9	246.1	23.7	21.6	9.6	316.6	999.9	99.9	999.9	22.8	97.
31.7	90.0	9203.8	282.0	-51.6	99.9	246.6	24.7	22.7	9.8	318.2	999.9	99.9	999.9	23.3	96.
32.2	91.0	9343.6	276.0	-50.8	99.9	247.8	26.0	24.1	9.8	321.3	999.9	99.9	999.9	24.0	95.
32.7	92.0	9462.7	271.0	-50.8	99.9	248.6	27.1	25.3	9.8	323.0	999.9	99.9	999.9	24.7	94.
33.1	93.0	9584.0	266.0	-50.7	99.9	249.5	27.9	26.1	9.7	324.9	999.9	99.9	999.9	25.3	94.
33.6	94.0	9707.6	261.0	-50.8	99.9	250.6	28.7	27.1	9.5	326.5	999.9	99.9	999.9	26.1	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
1501 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.0	95.0	9833.7	256.0	-50.4	99.9	251.8	29.6	28.1	9.3	329.0	999.9	99.9	999.9	26.8	92.
34.5	96.0	9988.6	250.0	-49.9	99.9	252.9	31.7	30.3	9.3	331.9	999.9	99.9	999.9	27.5	92.
34.9	97.0	10120.9	245.0	-49.3	99.9	252.2	33.0	31.4	10.1	334.7	999.9	99.9	999.9	28.4	91.
35.3	98.0	10256.1	240.0	-49.5	99.9	250.9	33.0	31.2	10.8	336.5	999.9	99.9	999.9	29.1	91.
35.8	99.0	10393.2	235.0	-50.2	99.9	250.0	31.5	29.6	10.8	337.4	999.9	99.9	999.9	30.1	90.
36.2	100.0	10534.2	230.0	-50.2	99.9	250.5	30.2	28.5	10.1	339.4	999.9	99.9	999.9	30.8	89.
36.9	101.0	10677.6	225.0	-50.7	99.9	252.7	31.1	29.7	9.2	340.9	999.9	99.9	999.9	31.8	89.
37.3	102.0	10824.2	220.0	-50.2	99.9	253.1	32.9	31.5	9.5	343.8	999.9	99.9	999.9	32.7	88.
37.9	103.0	10974.3	215.0	-50.2	99.9	252.5	34.4	32.8	10.3	345.8	999.9	99.9	999.9	33.7	88.
38.2	104.0	11096.8	211.0	-50.5	99.9	252.0	33.9	32.2	10.5	347.4	999.9	99.9	999.9	34.4	88.
38.8	105.0	11253.2	206.0	-50.5	99.9	252.1	32.1	30.6	9.9	349.8	999.9	99.9	999.9	35.6	87.
39.2	106.0	11381.0	202.0	-50.8	99.9	253.5	31.9	30.6	9.1	351.3	999.9	99.9	999.9	36.2	87.
39.7	107.0	11511.3	198.0	-50.7	99.9	255.0	31.8	30.7	8.2	353.6	999.9	99.9	999.9	37.3	86.
40.2	108.0	11677.7	193.0	-51.3	99.9	254.9	30.2	29.2	7.9	355.2	999.9	99.9	999.9	38.3	86.
40.7	109.0	11813.7	189.0	-51.7	99.9	254.2	29.5	28.4	8.0	356.6	999.9	99.9	999.9	38.9	86.
41.1	110.0	11952.2	185.0	-52.4	99.9	254.7	30.8	29.7	8.1	357.7	999.9	99.9	999.9	39.7	86.
41.7	111.0	12129.4	180.0	-52.5	99.9	257.6	35.4	34.5	7.6	360.3	999.9	99.9	999.9	40.9	85.
42.2	112.0	12274.4	176.0	-53.2	99.9	259.6	38.8	38.1	7.0	361.6	999.9	99.9	999.9	41.8	85.
42.7	113.0	12460.4	171.0	-52.4	99.9	259.6	37.4	36.8	6.8	365.9	999.9	99.9	999.9	43.4	85.
43.2	114.0	12613.4	167.0	-52.7	99.9	257.4	32.0	31.2	7.0	367.9	999.9	99.9	999.9	44.5	85.
43.8	115.0	12730.6	164.0	-52.4	99.9	255.7	30.1	29.1	7.4	370.3	999.9	99.9	999.9	45.1	85.
44.4	116.0	12930.7	159.0	-52.5	99.9	256.6	32.8	31.9	7.6	373.3	999.9	99.9	999.9	46.4	85.
45.0	117.0	13095.0	155.0	-53.6	99.9	256.8	32.1	31.2	7.3	374.2	999.9	99.9	999.9	47.8	84.
45.5	118.0	13263.0	151.0	-53.8	99.9	256.5	30.6	29.8	7.2	376.7	999.9	99.9	999.9	48.4	84.
46.1	119.0	13391.5	148.0	-54.0	99.9	257.6	30.6	29.9	6.6	378.6	999.9	99.9	999.9	49.6	84.
46.6	120.0	13567.6	144.0	-54.4	99.9	259.8	29.8	29.4	5.3	380.7	999.9	99.9	999.9	50.6	84.
47.2	121.0	13702.5	141.0	-54.6	99.9	262.2	28.2	28.0	3.8	382.7	999.9	99.9	999.9	51.6	84.
47.7	122.0	13886.6	137.0	-54.9	99.9	261.1	28.0	27.6	4.3	385.3	999.9	99.9	999.9	52.4	84.
48.2	123.0	14028.5	134.0	-53.8	99.9	256.8	28.7	27.9	6.5	389.8	999.9	99.9	999.9	53.2	84.
48.7	124.0	14223.1	130.0	-54.0	99.9	253.0	28.5	27.3	8.3	392.9	999.9	99.9	999.9	54.2	84.
49.3	125.0	14373.0	127.0	-54.1	99.9	253.6	27.5	26.4	7.8	395.2	999.9	99.9	999.9	55.1	83.
50.0	126.0	14578.3	123.0	-54.1	99.9	255.8	28.9	28.0	7.1	398.9	999.9	99.9	999.9	56.2	83.
50.6	127.0	14736.8	120.0	-53.8	99.9	252.7	29.4	28.1	8.8	402.3	999.9	99.9	999.9	57.3	83.
51.2	128.0	14899.6	117.0	-53.6	99.9	249.8	30.1	28.3	10.4	405.5	999.9	99.9	999.9	58.3	83.
51.7	129.0	15066.5	114.0	-53.8	99.9	250.4	32.1	30.3	10.8	408.2	999.9	99.9	999.9	59.1	83.
52.3	130.0	15296.0	110.0	-53.8	99.9	253.2	33.1	31.7	9.6	412.4	999.9	99.9	999.9	60.4	82.
53.0	131.0	15474.0	107.0	-53.0	99.9	255.1	31.2	30.2	8.0	417.2	999.9	99.9	999.9	61.8	82.
53.7	132.0	15719.7	103.0	-53.0	99.9	252.8	31.7	30.3	9.4	421.8	999.9	99.9	999.9	63.0	82.
54.3	133.0	15910.1	100.0	-53.6	99.9	248.4	30.5	28.4	11.2	424.1	999.9	99.9	999.9	64.3	82.
55.0	134.0	16105.9	97.0	-53.6	99.9	247.0	29.2	26.8	11.4	427.8	999.9	99.9	999.9	65.3	82.
55.6	135.0	16307.8	94.0	-54.0	99.9	252.9	30.7	29.4	9.0	431.1	999.9	99.9	999.9	66.3	81.
56.4	136.0	16515.9	91.0	-54.3	99.9	257.2	26.5	25.9	5.9	434.4	999.9	99.9	999.9	67.9	81.
57.3	137.0	16730.9	88.0	-54.1	99.9	253.1	26.8	25.6	7.8	439.0	999.9	99.9	999.9	69.2	81.
58.1	138.0	17029.4	84.0	-54.1	99.9	244.2	28.5	25.7	12.4	444.8	999.9	99.9	999.9	70.5	81.
58.9	139.0	17261.2	81.0	-55.9	99.9	244.0	29.8	26.7	13.0	445.8	999.9	99.9	999.9	71.9	81.

\* BY SPFFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TMF MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
1501 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
59.8	140.0	17501.6	78.0	-56.4	99.9	249.6	33.3	31.2	11.6	449.6	999.9	99.9	999.9	73.4	80.
60.6	141.0	17835.3	74.0	-57.1	99.9	255.2	37.2	35.9	9.5	455.0	999.9	99.9	999.9	75.0	80.
61.4	142.0	18096.3	71.0	-58.6	99.9	259.5	36.5	35.9	6.7	457.1	999.9	99.9	999.9	77.1	80.
62.2	143.0	18367.0	68.0	-59.7	99.9	261.9	35.1	34.8	5.0	460.5	999.9	99.9	999.9	78.6	80.
63.1	144.0	18649.2	65.0	-59.5	99.9	264.3	30.8	30.7	3.0	466.9	999.9	99.9	999.9	80.7	80.
64.1	145.0	19047.4	61.0	-58.8	99.9	264.5	28.9	28.7	2.8	477.0	999.9	99.9	999.9	82.4	80.
65.1	146.0	19363.7	58.0	-59.1	99.9	263.1	24.8	24.7	3.0	483.2	999.9	99.9	999.9	83.8	80.
66.0	147.0	19696.3	55.0	-59.7	99.9	268.2	24.4	24.4	0.8	489.4	999.9	99.9	999.9	85.2	80.
67.1	148.0	20046.6	52.0	-60.2	99.9	268.8	22.1	22.1	0.5	496.0	999.9	99.9	999.9	86.7	81.
68.2	149.0	20417.7	49.0	-59.7	99.9	270.3	14.5	14.5	-0.1	505.8	999.9	99.9	999.9	88.0	81.
69.4	150.0	20812.4	46.0	-60.0	99.9	259.1	16.3	16.0	3.1	514.2	999.9	99.9	999.9	88.7	81.
70.5	151.0	21232.2	43.0	-61.3	99.9	258.6	21.5	21.0	4.3	521.1	999.9	99.9	999.9	90.3	81.
71.8	152.0	21679.6	40.0	-62.6	99.9	261.0	22.1	21.8	3.5	528.7	999.9	99.9	999.9	91.9	81.
73.0	153.0	22159.8	37.0	-63.2	99.9	266.8	24.5	24.5	1.4	539.1	999.9	99.9	999.9	93.4	81.
74.3	154.0	22681.9	34.0	-61.5	99.9	271.1	25.7	25.7	-0.5	556.8	999.9	99.9	999.9	95.5	81.
76.0	155.0	23254.7	31.0	-61.5	99.9	275.1	32.4	32.3	-2.9	571.7	999.9	99.9	999.9	97.9	81.
77.4	156.0	24110.5	27.0	-61.9	99.9	272.2	16.2	16.2	-0.6	593.7	999.9	99.9	999.9	100.7	82.
79.2	157.0	24840.4	24.0	-61.3	99.9	261.1	22.1	21.8	3.4	615.6	999.9	99.9	999.9	102.1	82.
81.2	158.0	25668.7	21.0	-61.5	99.9	263.4	23.9	23.8	2.8	639.0	999.9	99.9	999.9	104.6	81.
83.6	159.0	26629.6	18.0	-59.5	99.9	999.9	99.9	99.9	99.9	674.1	999.9	99.9	999.9	999.9	999.

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
1800 GMT

156 18. 0

TIME MIN	CNTCT	HFIGHT GPM	PRFS MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	175.0	997.1	-6.4	-11.5	310.0	8.8	6.7	-5.7	267.2	271.3	1.6	67.0	0.0	0.
0.1	6.0	199.4	994.0	-6.2	-11.8	292.2	10.6	9.8	-4.0	267.6	271.6	1.6	64.5	0.3	111.
0.3	7.0	286.2	983.0	-7.9	-12.7	292.2	10.6	9.8	-4.0	266.8	270.5	1.5	67.9	0.3	111.
0.7	8.0	373.4	972.0	-9.4	-12.9	292.7	10.1	9.4	-3.9	266.1	269.9	1.5	75.4	0.4	111.
0.9	9.0	461.3	961.0	-10.2	-12.6	293.3	9.7	8.9	-3.8	266.1	270.0	1.5	82.9	0.6	112.
1.3	10.0	549.9	950.0	-11.2	-12.6	294.3	8.7	7.9	-3.6	266.0	269.9	1.5	89.4	0.8	112.
1.7	11.0	655.5	937.0	-12.1	-12.4	295.5	8.3	7.5	-3.6	266.2	270.2	1.6	97.4	1.0	113.
2.0	12.0	745.7	926.0	-13.1	-13.3	296.3	8.5	7.6	-3.8	266.0	269.9	1.5	98.4	1.1	113.
2.3	13.0	836.8	915.0	-13.5	-13.7	308.9	9.3	7.2	-5.8	266.5	270.3	1.4	98.3	1.3	114.
2.7	14.0	920.4	905.0	-13.5	-13.7	320.7	10.3	6.5	-8.0	267.3	271.2	1.5	98.3	1.5	117.
3.0	15.0	1005.6	895.0	-9.6	-9.8	327.2	11.0	5.0	-9.3	272.2	277.6	2.0	98.9	1.7	121.
3.4	16.0	1118.9	882.0	-8.8	-8.9	323.9	10.2	6.0	-8.2	274.3	280.1	2.2	99.1	1.9	124.
3.7	17.0	1207.3	872.0	-9.2	-9.3	321.3	10.1	6.3	-7.9	274.8	280.4	2.2	99.0	2.1	126.
4.1	18.0	1305.8	861.0	-9.4	-9.5	317.8	10.3	6.9	-7.6	275.6	281.3	2.2	99.0	2.3	127.
4.3	19.0	1395.8	851.0	-9.6	-9.8	315.5	10.4	7.3	-7.4	276.2	281.9	2.1	98.9	2.4	128.
4.6	20.0	1478.0	842.0	-9.9	-10.1	312.9	10.2	7.5	-6.9	276.7	282.4	2.1	98.9	2.6	128.
5.0	21.0	1598.0	829.0	-10.1	-10.3	311.5	9.1	6.8	-6.0	277.8	283.4	2.1	98.1	2.9	128.
5.3	22.0	1691.7	819.0	-10.1	-10.4	313.3	9.0	6.6	-6.2	278.8	284.5	2.1	97.7	3.0	129.
5.7	23.0	1796.0	808.0	-10.1	-10.5	313.3	9.0	6.5	-6.2	279.9	285.6	2.1	97.0	3.2	129.
5.9	24.0	1882.4	799.0	-10.4	-10.8	312.0	9.0	6.6	-6.0	280.4	286.1	2.1	96.5	3.3	129.
6.3	25.0	1979.3	789.0	-10.9	-12.0	307.1	9.5	7.6	-5.7	280.8	286.1	1.9	92.0	3.6	129.
6.7	26.0	2087.4	778.0	-10.2	-11.8	303.9	10.0	8.3	-5.6	282.7	288.2	2.0	88.5	3.8	129.
7.0	27.0	2197.2	767.0	-10.4	-13.8	303.0	10.3	8.6	-5.6	283.7	288.5	1.7	75.8	4.0	128.
7.3	28.0	2288.0	758.0	-11.1	-16.2	301.3	10.6	9.0	-5.5	283.8	287.8	1.4	65.6	4.2	128.
7.7	29.0	2379.7	749.0	-11.5	-16.2	299.3	10.8	9.4	-5.3	284.3	288.4	1.4	68.1	4.4	128.
8.0	30.0	2482.6	739.0	-12.4	-16.6	298.0	10.9	9.6	-5.1	284.5	288.5	1.4	70.8	4.6	127.
8.3	31.0	2586.6	729.0	-13.1	-16.9	297.5	11.1	9.8	-5.1	284.8	288.8	1.4	72.6	4.8	127.
8.7	32.0	2681.2	720.0	-13.9	-17.4	297.4	11.5	10.2	-5.3	284.9	288.8	1.4	74.9	5.1	126.
9.0	33.0	2776.7	711.0	-14.6	-16.7	297.9	12.0	10.7	-5.6	285.2	289.3	1.5	84.0	5.2	126.
9.3	34.0	2873.1	702.0	-15.0	-16.1	298.2	12.7	11.2	-6.0	285.8	290.2	1.5	91.7	5.5	126.
9.7	35.0	2971.0	693.0	-14.2	-16.1	298.2	13.4	11.8	-6.3	287.8	292.2	1.6	85.2	5.8	125.
10.1	36.0	3103.5	681.0	-14.3	-16.9	298.0	13.9	12.3	-6.5	289.0	293.3	1.5	80.7	6.1	125.
10.5	37.0	3204.4	672.0	-14.8	-17.7	298.2	14.4	12.7	-6.8	289.7	293.7	1.4	78.0	6.5	125.
10.9	38.0	3306.4	663.0	-15.3	-15.8	299.2	15.2	13.3	-7.4	290.1	293.6	1.2	68.5	6.8	124.
11.2	39.0	3398.1	655.0	-15.9	-21.3	299.4	15.7	13.6	-7.7	290.5	293.6	1.1	62.5	7.1	124.
11.5	40.0	3502.3	646.0	-16.4	-22.2	299.5	16.1	14.0	-7.9	291.0	294.0	1.0	60.6	7.4	124.
11.9	41.0	3631.4	635.0	-17.0	-23.0	298.0	16.2	14.3	-7.6	291.8	294.6	0.9	59.1	7.8	124.
12.2	42.0	3726.4	627.0	-17.6	-24.0	296.8	16.4	14.6	-7.4	292.1	294.7	0.9	57.4	8.1	124.
12.6	43.0	3834.8	618.0	-18.5	-24.9	295.1	16.7	15.1	-7.1	292.3	294.8	0.8	56.8	8.4	123.
12.9	44.0	3943.9	609.0	-19.1	-24.9	294.1	17.0	15.5	-6.9	292.8	295.3	0.8	60.1	8.7	123.
13.2	45.0	4054.8	600.0	-20.2	-25.3	293.0	16.9	15.5	-6.6	292.8	295.2	0.8	63.3	9.1	123.
13.6	46.0	4153.8	592.0	-20.9	-25.8	291.5	16.5	15.4	-6.1	293.1	295.5	0.8	64.4	9.5	122.
13.9	47.0	4254.3	584.0	-21.6	-26.8	290.3	16.2	15.2	-5.6	293.5	295.7	0.7	62.3	9.8	122.
14.2	48.0	4355.8	576.0	-22.3	-27.5	289.0	16.1	15.2	-5.2	293.7	295.8	0.7	62.6	10.0	121.
14.6	49.0	4458.4	568.0	-23.3	-28.6	287.0	16.1	15.4	-4.7	293.8	295.7	0.6	61.2	10.4	121.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
1800 GMT

156 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.9	50.0	4575.1	559.0	-24.2	-29.6	285.3	16.1	15.5	-4.2	294.0	295.8	0.6	60.8	10.7	121.
15.3	51.0	4706.5	549.0	-25.3	-30.8	283.4	16.0	15.5	-3.7	294.3	296.0	0.5	59.8	11.1	120.
15.7	52.0	4799.6	542.0	-26.2	-31.6	282.0	15.9	15.6	-3.3	294.3	295.8	0.5	59.7	11.4	119.
16.1	53.0	4920.5	533.0	-27.2	-32.6	281.0	16.0	15.7	-3.0	294.4	295.9	0.5	60.1	11.8	119.
16.3	54.0	5015.6	526.0	-27.9	-32.3	280.4	16.0	15.8	-2.9	294.7	296.1	0.4	59.7	12.0	119.
16.8	55.0	5125.5	518.0	-28.8	-34.0	279.2	16.4	16.2	-2.6	294.9	296.2	0.4	60.4	12.4	118.
17.2	56.0	5250.7	509.0	-29.8	-35.0	279.1	16.8	16.6	-2.7	295.1	296.4	0.4	60.7	12.8	117.
17.6	57.0	5363.4	501.0	-30.9	-36.1	279.9	17.3	17.1	-3.0	295.2	296.3	0.3	59.9	13.2	117.
18.0	58.0	5477.5	493.0	-31.7	-37.3	281.1	17.5	17.2	-3.4	295.6	296.6	0.3	56.9	13.6	116.
18.3	59.0	5578.4	486.0	-32.6	-38.4	281.5	17.0	16.6	-3.4	295.7	296.6	0.3	55.6	13.9	116.
18.7	60.0	5695.1	478.0	-33.6	-39.5	281.9	16.2	15.9	-3.3	295.8	296.6	0.3	55.3	14.3	115.
19.1	61.0	5783.6	472.0	-34.4	-40.2	281.9	15.5	15.2	-3.2	295.9	296.7	0.2	55.1	14.7	115.
19.6	62.0	5903.0	464.0	-35.2	-40.9	281.1	15.2	14.9	-2.9	296.3	297.1	0.2	55.8	15.1	115.
19.9	63.0	6008.7	457.0	-36.4	-42.0	280.2	15.2	14.9	-2.7	296.1	296.8	0.2	55.7	15.4	114.
20.2	64.0	6130.9	449.0	-37.3	-42.9	279.3	15.3	15.1	-2.5	296.5	297.1	0.2	55.9	15.6	114.
20.7	65.0	6223.6	443.0	-38.3	-43.8	278.1	15.5	15.4	-2.2	296.4	297.0	0.2	55.6	16.1	114.
21.1	66.0	6364.5	434.0	-39.5	-45.0	277.3	15.7	15.5	-2.0	296.6	297.2	0.2	55.4	16.4	113.
21.4	67.0	6491.6	426.0	-40.4	95.9	276.2	15.4	15.3	-1.7	297.1	999.9	99.9	999.9	16.8	113.
21.8	68.0	6604.3	419.0	-41.4	95.9	274.5	14.8	14.8	-1.2	297.3	999.9	99.9	999.9	17.1	113.
22.2	69.0	6702.0	413.0	-42.4	99.9	273.6	14.5	14.4	-0.9	297.1	999.9	99.9	999.9	17.4	112.
22.6	70.0	6817.3	406.0	-43.4	99.9	273.7	14.6	14.6	-0.9	297.3	999.9	99.9	999.9	17.7	112.
23.0	71.0	6950.8	398.0	-44.7	99.9	273.6	15.4	15.4	-1.0	297.4	999.9	99.9	999.9	18.0	112.
23.4	72.0	7069.3	391.0	-45.6	99.9	270.0	16.3	16.3	-0.0	297.6	999.9	99.9	999.9	18.4	112.
23.7	73.0	7172.2	385.0	-46.3	95.9	267.7	17.0	17.0	0.7	298.0	999.9	99.9	999.9	18.7	111.
24.1	74.0	7293.9	378.0	-47.1	95.9	266.2	18.1	18.1	1.2	298.6	999.9	99.9	999.9	19.0	110.
24.5	75.0	7399.7	372.0	-48.1	95.9	268.0	19.1	19.1	0.7	298.7	999.9	99.9	999.9	19.4	110.
24.9	76.0	7524.6	365.0	-49.1	99.9	270.3	19.8	19.8	-0.1	299.0	999.9	99.9	999.9	19.9	109.
25.3	77.0	7633.2	359.0	-50.1	99.9	270.4	19.9	19.9	-0.1	299.0	999.9	99.9	999.9	20.4	109.
25.7	78.0	7743.1	353.0	-51.0	99.9	269.2	19.5	19.5	0.3	299.2	999.9	99.9	999.9	20.9	109.
26.0	79.0	7854.4	347.0	-51.7	95.9	267.9	19.0	18.9	0.7	299.7	999.9	99.9	999.9	21.2	108.
26.4	80.0	7967.3	341.0	-52.8	95.9	267.0	18.4	18.4	1.0	299.8	999.9	99.9	999.9	21.6	108.
26.9	81.0	8120.2	333.0	-53.7	95.9	266.3	18.3	18.3	1.2	300.5	999.9	99.9	999.9	22.0	107.
27.3	82.0	8236.9	327.0	-54.3	95.9	264.6	18.1	18.1	1.7	301.2	999.9	99.9	999.9	22.5	107.
27.7	83.0	8355.4	321.0	-55.1	99.9	261.5	17.7	17.6	2.6	301.8	999.9	99.9	999.9	22.9	106.
28.1	84.0	8475.8	315.0	-55.3	99.9	257.8	17.5	17.1	3.7	303.2	999.9	99.9	999.9	23.3	106.
28.4	85.0	8578.1	310.0	-54.5	99.9	256.1	17.8	17.3	4.3	305.7	999.9	99.9	999.9	23.6	106.
29.0	86.0	8724.7	303.0	-53.6	95.9	257.0	20.0	19.5	4.5	309.0	999.9	99.9	999.9	24.0	105.
29.4	87.0	8831.8	298.0	-53.0	95.9	258.0	21.6	21.2	4.5	311.3	999.9	99.9	999.9	24.6	104.
29.9	88.0	8963.3	292.0	-52.2	95.9	257.4	22.7	22.2	4.9	314.2	999.9	99.9	999.9	25.2	104.
30.4	89.0	9097.8	286.0	-51.7	99.9	255.5	23.3	22.5	5.8	316.7	999.9	99.9	999.9	25.8	103.
30.7	90.0	9212.5	281.0	-50.5	99.9	254.1	23.7	22.8	6.5	320.1	999.9	99.9	999.9	26.2	103.
31.2	91.0	9329.6	276.0	-50.4	99.9	252.0	25.0	23.8	7.7	321.9	999.9	99.9	999.9	26.8	102.
31.6	92.0	9473.1	270.0	-49.9	99.9	251.1	26.5	25.1	8.6	324.6	999.9	99.9	999.9	27.3	101.
32.0	93.0	9595.2	265.0	-50.4	99.9	251.2	28.1	26.6	9.0	325.7	999.9	99.9	999.9	27.9	100.
32.4	94.0	9744.6	259.0	-50.5	95.9	252.4	28.9	27.6	8.8	327.6	999.9	99.9	999.9	28.5	100.

\* BY SPFD MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
1800 GMT

156 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.9	95.0	9871.7	254.0	-50.4	99.9	253.8	29.1	28.0	8.1	329.7	999.9	99.9	999.9	29.3	99.
33.4	96.0	10027.7	248.0	-50.4	99.9	255.3	28.7	27.7	7.3	331.9	999.9	99.9	999.9	30.1	98.
33.9	97.0	10160.7	243.0	-50.1	99.9	256.9	28.8	28.1	6.5	334.3	999.9	99.9	999.9	30.8	98.
34.3	98.0	10296.6	238.0	-49.8	99.9	257.4	29.7	29.0	6.5	336.7	999.9	99.9	999.9	31.6	97.
34.7	99.0	10435.6	233.0	-49.7	99.9	256.8	30.9	30.1	7.0	339.0	999.9	99.9	999.9	32.2	97.
35.1	100.0	10577.5	228.0	-49.8	99.9	255.5	32.0	31.0	8.0	340.9	999.9	99.9	999.9	32.8	96.
35.7	101.0	10752.1	222.0	-49.7	99.9	253.2	32.7	31.3	9.4	343.7	999.9	99.9	999.9	34.1	96.
36.1	102.0	10871.1	218.0	-49.8	99.9	252.2	32.5	30.9	10.0	345.3	999.9	99.9	999.9	34.7	95.
36.6	103.0	11022.8	213.0	-50.1	99.9	251.3	31.8	30.2	10.2	347.1	999.9	99.9	999.9	35.7	94.
37.1	104.0	11146.6	209.0	-50.2	99.9	251.0	31.1	29.5	10.1	348.8	999.9	99.9	999.9	36.6	94.
37.6	105.0	11304.7	204.0	-50.2	99.9	252.7	31.9	30.4	9.5	351.2	999.9	99.9	999.9	37.2	93.
38.0	106.0	11433.5	200.0	-50.5	99.9	254.9	33.2	32.0	8.7	352.8	999.9	99.9	999.9	38.0	93.
38.6	107.0	11599.0	195.0	-50.5	99.9	256.0	30.9	30.0	7.5	355.3	999.9	99.9	999.9	39.4	92.
39.0	108.0	11734.1	191.0	-50.7	99.9	256.1	28.1	27.3	6.8	357.2	999.9	99.9	999.9	40.1	92.
39.6	109.0	11871.8	187.0	-51.3	99.9	257.7	27.8	27.1	5.9	358.4	999.9	99.9	999.9	40.7	92.
40.1	110.0	12012.1	183.0	-51.9	99.9	258.5	29.5	28.9	5.9	359.6	999.9	99.9	999.9	41.8	92.
40.7	111.0	12191.7	178.0	-51.9	99.9	258.5	31.8	31.1	6.4	362.5	999.9	99.9	999.9	42.7	91.
41.2	112.0	12338.8	174.0	-52.3	99.9	258.7	32.1	31.5	6.3	364.1	999.9	99.9	999.9	43.8	91.
41.7	113.0	12489.2	170.0	-52.5	99.9	258.8	29.7	29.1	5.8	366.3	999.9	99.9	999.9	44.8	91.
42.2	114.0	12643.2	166.0	-52.0	99.9	259.1	27.2	26.7	5.1	369.6	999.9	99.9	999.9	45.5	90.
42.7	115.0	12801.0	162.0	-52.6	99.9	260.6	27.5	27.2	4.5	371.1	999.9	99.9	999.9	46.2	90.
43.4	116.0	13003.3	157.0	-53.0	99.9	262.7	30.5	30.2	3.9	373.9	999.9	99.9	999.9	47.4	90.
43.9	117.0	13169.7	153.0	-53.1	99.9	261.7	30.1	29.8	4.4	376.5	999.9	99.9	999.9	48.5	90.
44.4	118.0	13297.4	150.0	-53.0	99.9	259.0	29.2	28.6	5.6	378.9	999.9	99.9	999.9	49.2	90.
44.9	119.0	13471.7	146.0	-53.1	99.9	256.6	29.4	28.6	6.8	381.5	999.9	99.9	999.9	50.1	90.
45.5	120.0	13650.9	142.0	-52.6	99.9	254.3	28.8	27.8	7.8	385.4	999.9	99.9	999.9	51.2	89.
46.0	121.0	13788.8	139.0	-53.0	99.9	251.3	26.2	24.8	8.4	387.2	999.9	99.9	999.9	52.1	89.
46.6	122.0	13976.8	135.0	-53.7	99.9	249.2	24.6	23.0	8.8	389.1	999.9	99.9	999.9	52.8	89.
47.1	123.0	14120.9	132.0	-54.5	99.9	250.1	25.9	24.4	8.8	390.2	999.9	99.9	999.9	53.4	88.
47.7	124.0	14317.8	128.0	-55.0	99.9	252.4	28.6	27.2	8.6	392.8	999.9	99.9	999.9	54.4	88.
48.3	125.0	14469.1	125.0	-55.8	99.9	254.0	29.8	28.6	8.2	394.0	999.9	99.9	999.9	55.5	88.
49.0	126.0	14676.3	121.0	-55.5	99.9	255.9	29.6	28.7	7.2	398.3	999.9	99.9	999.9	56.6	87.
49.6	127.0	14836.6	118.0	-55.0	99.9	259.6	31.3	30.7	5.6	402.0	999.9	99.9	999.9	57.7	87.
50.1	128.0	15001.4	115.0	-54.3	99.9	262.0	33.4	33.1	4.7	406.2	999.9	99.9	999.9	58.7	87.
50.8	129.0	15170.9	112.0	-54.2	99.9	261.3	36.8	36.4	5.5	409.6	999.9	99.9	999.9	60.1	87.
51.3	130.0	15345.0	109.0	-54.3	99.9	260.0	36.9	36.4	6.4	412.4	999.9	99.9	999.9	61.4	87.
52.0	131.0	15584.3	105.0	-54.8	99.9	258.2	32.0	31.3	6.5	416.0	999.9	99.9	999.9	62.7	87.
52.6	132.0	15769.8	102.0	-54.7	99.9	256.4	28.1	27.4	6.6	419.8	999.9	99.9	999.9	63.9	87.
53.2	133.0	15960.8	99.0	-54.8	99.9	256.9	29.6	28.9	6.7	423.0	999.9	99.9	999.9	64.7	86.
53.9	134.0	16157.3	96.0	-55.3	99.9	259.1	32.8	32.2	6.2	425.9	999.9	99.9	999.9	66.3	86.
54.7	135.0	16291.9	94.0	-54.5	99.9	261.9	27.7	27.4	3.9	430.0	999.9	99.9	999.9	67.7	86.
55.3	136.0	16570.4	90.0	-54.5	99.9	263.4	24.9	24.8	2.9	435.4	999.9	99.9	999.9	68.6	86.
56.2	137.0	16787.5	87.0	-54.7	99.9	261.5	27.5	27.1	4.1	439.3	999.9	99.9	999.9	69.8	86.
57.0	138.0	17088.7	83.0	-54.7	99.9	259.0	27.9	27.4	5.3	445.2	999.9	99.9	999.9	71.3	86.
57.8	139.0	17324.6	80.0	-54.2	99.9	258.3	27.4	26.9	5.6	450.9	999.9	99.9	999.9	72.6	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
1800 GMT

156 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.6	140.0	17569.4	77.0	-54.8	95.9	255.1	24.1	23.3	6.2	454.6	999.9	99.9	999.9	73.9	86.
59.4	141.0	17822.6	74.0	-56.4	95.9	250.9	21.8	20.6	7.1	456.4	999.9	99.9	999.9	74.9	86.
60.3	142.0	18084.9	71.0	-57.1	95.9	253.9	21.3	20.4	5.9	460.5	999.9	99.9	999.9	76.0	85.
61.2	143.0	18358.8	68.0	-56.1	99.9	260.0	22.6	22.3	3.9	468.3	999.9	99.9	999.9	77.1	85.
62.0	144.0	18645.2	65.0	-56.7	99.9	263.7	23.4	23.2	2.5	472.9	999.9	99.9	999.9	78.3	85.
62.9	145.0	18944.7	62.0	-56.9	99.9	268.4	22.5	22.5	0.6	479.0	999.9	99.9	999.9	79.5	85.
63.9	146.0	19258.4	59.0	-57.6	99.9	267.3	23.1	23.1	1.1	484.4	999.9	99.9	999.9	80.8	85.
64.8	147.0	19586.6	56.0	-59.2	95.9	265.3	24.3	24.2	2.0	487.9	999.9	99.9	999.9	82.2	85.
65.8	148.0	19931.5	53.0	-59.4	95.9	265.0	25.4	25.3	2.2	495.2	999.9	99.9	999.9	83.6	85.
66.7	149.0	20295.7	50.0	-60.1	95.9	262.7	25.6	25.4	3.2	501.9	999.9	99.9	999.9	85.1	85.
67.8	150.0	20680.6	47.0	-61.5	99.9	260.3	20.5	20.2	3.4	507.5	999.9	99.9	999.9	86.7	85.
68.9	151.0	21088.9	44.0	-62.2	99.9	252.0	13.7	13.0	4.2	515.4	999.9	99.9	999.9	87.3	85.
69.9	152.0	21525.0	41.0	-62.4	99.9	262.2	26.2	25.9	3.6	525.5	999.9	99.9	999.9	88.8	85.
71.0	153.0	21993.8	38.0	-62.7	99.9	266.9	28.4	28.3	1.5	536.1	999.9	99.9	999.9	90.6	85.
72.2	154.0	22502.5	35.0	-61.1	99.9	276.4	24.0	23.8	-2.7	553.1	999.9	99.9	999.9	92.6	85.
73.5	155.0	22867.5	33.0	-61.7	95.9	280.3	17.2	16.9	-3.1	561.0	999.9	99.9	999.9	94.2	85.
74.8	156.0	23457.7	30.0	-61.8	95.9	260.8	20.1	19.8	3.2	576.1	999.9	99.9	999.9	95.4	85.
76.3	157.0	24111.7	27.0	-60.6	99.9	255.9	26.0	25.2	6.3	597.2	999.9	99.9	999.9	97.7	85.
78.0	158.0	24844.4	24.0	-61.0	99.9	258.6	24.6	24.1	4.9	616.6	999.9	99.9	999.9	99.9	85.
79.8	159.0	25672.6	21.0	-61.8	99.9	265.1	25.2	25.1	2.2	637.9	999.9	99.9	999.9	102.3	85.
82.1	160.0	26630.7	18.0	-60.1	99.9	999.9	99.9	99.9	99.9	672.2	999.9	99.9	999.9	999.9	999.

STATION NO. 433  
SALEM, ILL

6. FEBRUARY 1975  
2100 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	175.0	996.4	-5.6	-6.3	310.0	7.2	5.5	-4.6	268.1	273.3	2.0	81.0	0.0	0.
0.2	6.0	209.7	992.0	-6.1	-11.8	299.4	12.0	10.4	-5.9	267.8	271.9	1.6	64.2	0.3	121.
0.5	7.0	296.8	981.0	-7.0	-12.0	299.4	12.0	10.4	-5.9	267.8	271.8	1.5	67.3	0.3	121.
0.8	8.0	384.6	970.0	-8.1	-12.4	299.6	12.0	10.4	-5.9	267.6	271.6	1.5	70.8	0.5	120.
1.1	9.0	473.2	959.0	-8.8	-12.4	300.2	11.8	10.2	-5.9	267.7	271.7	1.5	75.4	0.7	120.
1.4	10.0	554.2	949.0	-9.8	-12.2	301.6	11.2	9.5	-5.9	267.5	271.6	1.6	82.7	0.9	120.
1.8	11.0	660.6	936.0	-10.7	-11.9	303.7	11.0	9.1	-6.1	267.7	271.9	1.6	90.7	1.2	121.
2.1	12.0	751.3	925.0	-11.8	-12.5	305.2	11.1	9.1	-6.4	267.4	271.5	1.6	95.1	1.4	121.
2.3	13.0	834.5	915.0	-12.5	-12.9	305.9	11.3	9.2	-6.6	267.5	271.5	1.5	97.3	1.5	122.
2.7	14.0	926.7	904.0	-13.4	-13.6	312.0	11.3	8.4	-7.5	267.6	271.4	1.5	98.4	1.8	122.
2.9	15.0	1011.4	894.0	-13.9	-17.6	317.7	11.1	7.4	-8.2	267.8	270.6	1.1	73.6	1.9	123.
3.3	16.0	1123.0	881.0	-12.4	-18.4	320.8	12.2	7.7	-9.4	270.5	273.2	1.0	60.6	2.2	126.
3.7	17.0	1210.8	871.0	-11.0	-15.9	316.8	13.2	9.0	-9.6	272.9	276.3	1.3	67.1	2.5	128.
3.9	18.0	1308.1	860.0	-11.0	-14.9	313.0	13.5	9.9	-9.2	273.9	277.7	1.4	72.5	2.6	128.
4.2	19.0	1398.0	850.0	-11.0	-13.6	310.7	12.7	9.6	-8.3	274.8	279.1	1.6	81.1	2.9	128.
4.6	20.0	1489.3	840.0	-9.2	-11.2	310.0	10.8	8.3	-7.0	277.6	282.9	1.9	85.9	3.2	128.
5.0	21.0	1591.4	829.0	-9.1	-10.6	309.6	9.7	7.5	-6.2	278.9	284.4	2.1	88.9	3.4	128.
5.3	22.0	1694.7	818.0	-9.5	-11.1	310.1	9.6	7.4	-6.2	279.5	284.9	2.0	88.6	3.6	128.
5.7	23.0	1789.7	808.0	-10.0	-11.3	307.6	9.5	7.5	-5.8	280.0	285.4	2.0	89.6	3.8	129.
6.0	24.0	1876.1	799.0	-10.4	-11.5	303.2	9.4	7.9	-5.2	280.4	285.8	2.0	91.4	4.0	129.
6.3	25.0	1973.1	789.0	-11.0	-11.8	296.1	9.7	8.7	-4.3	280.8	286.1	2.0	93.6	4.1	128.
6.7	26.0	2090.6	777.0	-11.0	-11.6	288.5	9.9	9.4	-3.1	282.0	287.6	2.0	95.4	4.4	127.
7.1	27.0	2190.4	767.0	-11.3	-11.9	282.9	10.1	9.8	-2.2	282.8	288.3	2.0	95.0	4.6	126.
7.4	28.0	2281.0	758.0	-11.5	-12.3	280.6	10.5	10.3	-1.9	283.4	288.8	2.0	93.8	4.8	125.
7.7	29.0	2372.6	745.0	-12.0	-12.6	279.1	10.8	10.7	-1.7	283.9	289.3	1.9	94.9	4.9	124.
8.0	30.0	2475.4	739.0	-12.7	-13.2	277.9	11.2	11.1	-1.5	284.2	289.4	1.9	96.2	5.1	123.
8.3	31.0	2579.4	729.0	-13.2	-13.6	277.9	11.8	11.7	-1.6	284.7	289.8	1.8	97.2	5.3	122.
8.7	32.0	2673.9	720.0	-13.8	-14.2	278.5	12.9	12.8	-1.9	285.1	290.0	1.8	97.1	5.5	121.
9.0	33.0	2769.6	711.0	-13.9	-14.3	279.2	13.9	13.7	-2.2	286.0	290.9	1.8	97.1	5.8	120.
9.3	34.0	2866.4	702.0	-13.7	-14.2	280.1	15.1	14.8	-2.6	287.3	292.4	1.8	96.0	6.0	119.
9.7	35.0	2975.6	692.0	-13.7	-15.2	281.0	16.6	16.3	-3.2	288.5	293.3	1.7	87.9	6.4	118.
10.1	36.0	3097.5	681.0	-13.8	-15.8	281.6	18.1	17.7	-3.6	289.6	294.4	1.6	85.1	6.8	117.
10.4	37.0	3198.5	672.0	-14.6	-16.9	282.0	18.9	18.5	-3.9	289.8	294.1	1.5	82.7	7.1	116.
10.8	38.0	3300.6	663.0	-15.2	-17.3	282.5	19.6	19.1	-4.2	290.3	294.6	1.5	83.9	7.6	115.
11.1	39.0	3403.7	654.0	-16.0	-17.9	282.7	19.8	19.4	-4.3	290.5	294.6	1.4	85.0	7.9	115.
11.4	40.0	3496.4	646.0	-16.6	-19.0	282.5	19.9	19.4	-4.3	290.9	294.7	1.3	81.7	8.3	114.
11.8	41.0	3625.4	635.0	-17.4	-20.1	281.6	19.7	19.3	-4.0	291.3	294.9	1.2	79.3	8.8	114.
12.1	42.0	3732.3	626.0	-17.9	-20.9	280.6	19.5	19.2	-3.6	291.9	295.3	1.1	77.3	9.1	113.
12.5	43.0	3828.3	618.0	-19.0	-23.0	279.0	19.0	18.8	-3.0	291.7	294.6	1.0	70.6	9.5	113.
12.9	44.0	3937.4	609.0	-19.6	-23.7	277.4	18.7	18.5	-2.4	292.3	295.1	0.9	69.7	10.0	112.
13.2	45.0	4047.9	600.0	-20.5	-24.9	276.7	18.7	18.5	-2.2	292.5	295.0	0.8	67.5	10.3	112.
13.6	46.0	4147.2	592.0	-20.9	-25.5	276.5	18.9	18.8	-2.1	293.1	295.5	0.8	66.1	10.7	111.
13.9	47.0	4247.5	584.0	-22.0	-27.0	277.2	19.3	19.2	-2.4	293.0	295.2	0.7	63.3	11.1	110.
14.2	48.0	4361.6	575.0	-22.9	-28.1	278.1	19.7	19.5	-2.8	293.2	295.2	0.7	62.4	11.4	110.
14.6	49.0	4464.2	567.0	-23.6	-25.0	279.5	20.1	19.9	-3.3	293.6	295.5	0.6	60.9	11.9	110.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
2100 GMT

188 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.9	50.0	4567.9	559.0	-24.6	-30.5	280.1	20.3	20.0	-3.6	293.5	295.2	0.5	56.0	12.2	109.
15.3	51.0	4699.0	549.0	-25.8	-32.4	280.2	20.2	19.9	-3.6	293.6	295.1	0.5	53.7	12.7	109.
15.7	52.0	4805.2	541.0	-26.6	-33.2	279.8	19.9	19.6	-3.4	293.9	295.3	0.4	53.6	13.2	109.
16.1	53.0	4912.7	533.0	-27.3	-33.9	279.3	19.6	19.3	-3.2	294.4	295.7	0.4	52.8	13.7	108.
16.4	54.0	5007.7	526.0	-28.6	-35.3	279.2	19.5	19.3	-3.1	293.9	295.1	0.4	52.2	14.0	108.
16.8	55.0	5131.1	517.0	-29.5	-36.1	279.6	19.6	19.3	-3.3	294.3	295.3	0.3	52.4	14.5	108.
17.2	56.0	5256.3	508.0	-30.1	-36.5	280.0	19.7	19.4	-3.4	294.9	296.0	0.3	53.2	15.0	108.
17.6	57.0	5369.1	500.0	-31.2	-37.5	280.1	19.5	19.2	-3.4	295.0	296.0	0.3	53.6	15.4	107.
17.9	58.0	5468.8	493.0	-32.4	-38.2	279.7	19.2	18.9	-3.2	294.8	295.7	0.3	55.8	15.8	107.
18.3	59.0	5584.0	485.0	-33.2	-39.1	278.2	18.4	18.2	-2.6	295.2	296.0	0.3	55.0	16.2	107.
18.7	60.0	5700.7	477.0	-34.1	-39.6	275.8	17.6	17.5	-1.8	295.4	296.3	0.3	56.9	16.7	107.
19.0	61.0	5804.0	470.0	-35.1	-40.5	273.7	17.1	17.1	-1.1	295.4	296.1	0.2	57.8	17.0	107.
19.5	62.0	5893.4	464.0	-36.3	-41.0	272.3	17.7	17.7	-0.7	295.0	295.7	0.2	61.5	17.3	106.
19.9	63.0	6029.0	455.0	-37.2	-42.4	273.4	18.3	18.3	-1.1	295.5	296.1	0.2	58.1	17.9	106.
20.2	64.0	6136.0	448.0	-38.0	-43.7	273.5	18.4	18.4	-1.1	295.8	296.4	0.2	55.1	18.2	105.
20.7	65.0	6244.2	441.0	-39.1	-44.8	272.1	18.4	18.4	-0.7	295.8	296.3	0.2	54.3	18.7	105.
21.1	66.0	6385.3	432.0	-40.2	-45.9	269.4	18.3	18.3	0.2	296.2	999.9	99.9	999.9	19.1	105.
21.4	67.0	6496.6	425.0	-40.9	-46.9	267.0	18.3	18.2	0.9	296.7	999.9	99.9	999.9	19.5	105.
21.9	68.0	6593.1	419.0	-42.1	-47.9	263.5	17.8	17.7	2.0	296.3	999.9	99.9	999.9	20.0	104.
22.2	69.0	6723.2	411.0	-43.2	-48.9	262.2	17.8	17.7	2.4	296.6	999.9	99.9	999.9	20.3	104.
22.7	70.0	6822.1	405.0	-43.9	-49.9	261.9	18.5	18.3	2.6	296.9	999.9	99.9	999.9	20.7	103.
23.1	71.0	6955.8	397.0	-44.8	-50.9	263.3	19.4	19.3	2.3	297.4	999.9	99.9	999.9	21.1	103.
23.4	72.0	7091.6	389.0	-46.0	-51.9	264.7	20.0	20.0	1.8	297.6	999.9	99.9	999.9	21.6	102.
23.8	73.0	7194.9	383.0	-46.8	-52.9	266.0	20.5	20.5	1.4	297.8	999.9	99.9	999.9	22.0	102.
24.2	74.0	7316.9	376.0	-47.7	-53.9	265.9	20.6	20.5	1.5	298.3	999.9	99.9	999.9	22.8	102.
24.6	75.0	7440.7	369.0	-48.8	-54.9	264.4	20.2	20.1	2.0	298.3	999.9	99.9	999.9	23.0	101.
24.9	76.0	7548.1	363.0	-50.0	-55.9	262.4	19.7	19.5	2.6	298.2	999.9	99.9	999.9	23.4	101.
25.2	77.0	7656.9	357.0	-50.9	-56.9	260.9	19.3	19.0	3.0	298.4	999.9	99.9	999.9	23.7	101.
25.7	78.0	7785.5	350.0	-51.8	-57.9	259.5	18.8	18.4	3.4	298.9	999.9	99.9	999.9	24.1	100.
26.0	79.0	7897.3	344.0	-53.0	-58.9	259.3	18.5	18.2	3.5	298.7	999.9	99.9	999.9	24.4	100.
26.3	80.0	8010.6	338.0	-53.6	-59.9	260.2	18.2	18.0	3.1	299.4	999.9	99.9	999.9	24.9	100.
26.8	81.0	8164.6	330.0	-53.6	-60.9	263.8	18.9	18.8	2.0	301.4	999.9	99.9	999.9	25.3	99.
27.2	82.0	8282.5	324.0	-54.1	-61.9	267.4	20.8	20.7	1.0	302.4	999.9	99.9	999.9	25.6	99.
27.7	83.0	8422.8	317.0	-53.5	-62.9	270.5	23.0	23.0	-0.2	305.1	999.9	99.9	999.9	26.4	99.
28.0	84.0	8525.2	312.0	-53.3	-63.9	271.7	23.5	23.5	-0.7	306.7	999.9	99.9	999.9	26.9	99.
28.4	85.0	8650.2	306.0	-53.2	-64.9	271.9	21.6	21.6	-0.7	308.7	999.9	99.9	999.9	27.4	99.
28.9	86.0	8799.6	299.0	-52.3	-65.9	270.1	19.4	19.4	-0.0	312.0	999.9	99.9	999.9	28.1	99.
29.3	87.0	8909.0	294.0	-51.2	-66.9	267.4	19.3	19.3	0.9	315.0	999.9	99.9	999.9	28.4	98.
29.7	88.0	9043.3	288.0	-50.6	-67.9	265.6	21.1	21.0	1.6	317.7	999.9	99.9	999.9	28.8	98.
30.1	89.0	9180.6	282.0	-50.3	-68.9	265.8	24.5	24.5	1.8	320.1	999.9	99.9	999.9	29.4	98.
30.5	90.0	9297.4	277.0	-50.0	-69.9	267.7	29.5	29.5	1.2	322.1	999.9	99.9	999.9	29.9	98.
30.9	91.0	9416.5	272.0	-50.0	-70.9	268.9	33.6	33.6	0.6	323.8	999.9	99.9	999.9	30.5	97.
31.2	92.0	9562.4	266.0	-49.6	-71.9	268.0	34.1	34.1	1.2	326.5	999.9	99.9	999.9	31.5	97.
31.7	93.0	9686.7	261.0	-49.7	-72.9	263.7	30.9	30.7	3.4	328.1	999.9	99.9	999.9	32.6	97.
32.0	94.0	9813.3	256.0	-49.7	-73.9	259.1	27.1	26.6	5.1	329.9	999.9	99.9	999.9	32.6	97.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
2100 GMT

188 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.4	95.0	9942.3	251.0	-49.7	99.9	253.7	22.2	21.3	6.2	331.8	999.9	99.9	999.9	33.9	96.
32.9	96.0	10100.5	245.0	-50.2	99.9	253.6	21.0	20.1	5.9	333.4	999.9	99.9	999.9	33.8	96.
33.3	97.0	10262.5	239.0	-50.0	99.9	257.7	24.2	23.6	5.2	336.0	999.9	99.9	999.9	34.2	96.
33.7	98.0	10400.7	234.0	-50.2	99.9	260.0	27.4	26.9	4.7	337.8	999.9	99.9	999.9	35.1	95.
34.2	97.0	10542.0	229.0	-49.6	99.9	260.1	28.6	28.1	4.9	340.8	999.9	99.9	999.9	36.1	95.
34.6	100.0	10657.6	225.0	-48.8	99.9	259.6	28.2	27.7	5.1	343.7	999.9	99.9	999.9	36.5	95.
35.1	101.0	10835.0	219.0	-49.1	99.9	260.6	29.1	28.7	4.7	345.9	999.9	99.9	999.9	37.5	94.
35.4	102.0	10986.4	214.0	-49.7	99.9	261.7	30.1	29.8	4.3	347.3	999.9	99.9	999.9	37.9	94.
35.9	103.0	11110.0	210.0	-49.3	99.9	263.5	32.2	32.0	3.6	349.8	999.9	99.9	999.9	38.9	94.
36.3	104.0	11267.8	205.0	-50.0	99.9	264.8	34.1	33.9	3.1	351.1	999.9	99.9	999.9	39.6	94.
36.7	105.0	11396.4	201.0	-50.5	99.9	265.5	34.2	34.1	2.7	352.4	999.9	99.9	999.9	40.4	94.
37.2	106.0	11560.7	196.0	-50.5	99.9	265.2	30.0	29.9	2.5	354.9	999.9	99.9	999.9	41.7	93.
37.6	107.0	11695.2	192.0	-50.6	99.9	264.1	25.0	24.9	2.6	356.8	999.9	99.9	999.9	42.5	93.
38.1	108.0	11832.4	188.0	-50.9	99.9	264.7	25.4	25.3	2.3	358.5	999.9	99.9	999.9	42.6	93.
38.6	109.0	12008.0	183.0	-50.5	99.9	267.3	33.8	33.8	1.6	362.0	999.9	99.9	999.9	43.2	93.
39.0	110.0	12152.1	179.0	-50.6	99.9	268.5	38.4	38.4	1.0	364.0	999.9	99.9	999.9	45.0	93.
39.6	111.0	12336.9	174.0	-50.5	99.9	268.9	31.0	31.0	0.6	367.2	999.9	99.9	999.9	46.0	93.
40.1	112.0	12488.4	170.0	-50.9	99.9	269.7	25.9	25.9	0.1	368.9	999.9	99.9	999.9	46.8	93.
40.6	113.0	12643.4	166.0	-50.9	99.9	270.6	28.1	28.1	-0.3	371.5	999.9	99.9	999.9	47.2	93.
41.0	114.0	12802.2	162.0	-50.9	99.9	270.5	32.2	32.2	-0.3	374.1	999.9	99.9	999.9	48.0	93.
41.5	115.0	12923.8	159.0	-51.3	99.9	269.3	34.4	34.4	0.4	375.3	999.9	99.9	999.9	49.5	93.
42.1	116.0	13131.1	154.0	-52.0	99.9	268.0	36.9	36.8	1.3	377.7	999.9	99.9	999.9	50.2	92.
42.6	117.0	13301.4	150.0	-52.6	99.9	268.0	38.4	38.4	1.3	379.5	999.9	99.9	999.9	51.7	92.
43.1	118.0	13431.8	147.0	-52.7	99.9	268.4	35.6	35.6	1.0	381.5	999.9	99.9	999.9	52.8	92.
43.6	119.0	13610.0	143.0	-52.7	99.9	268.2	30.4	30.3	1.0	384.5	999.9	99.9	999.9	54.0	92.
44.1	120.0	13793.2	139.0	-52.7	99.9	268.0	27.3	27.3	1.0	387.6	999.9	99.9	999.9	54.4	92.
44.6	121.0	13933.9	136.0	-53.0	99.9	269.3	26.7	26.7	0.3	389.5	999.9	99.9	999.9	55.4	92.
45.1	122.0	14077.7	133.0	-53.3	99.9	271.4	26.6	26.6	-0.6	391.4	999.9	99.9	999.9	56.3	92.
45.6	123.0	14274.2	129.0	-53.6	99.9	273.1	27.4	27.4	-1.5	394.3	999.9	99.9	999.9	56.2	92.
46.2	124.0	14425.3	126.0	-54.1	99.9	273.5	29.9	29.9	-1.8	396.1	999.9	99.9	999.9	58.0	92.
46.7	125.0	14632.2	122.0	-54.3	99.9	272.2	31.3	31.3	-1.2	399.5	999.9	99.9	999.9	58.8	92.
47.3	126.0	14791.7	119.0	-54.7	99.9	270.5	30.4	30.4	-0.3	401.5	999.9	99.9	999.9	60.3	92.
48.0	127.0	14955.1	116.0	-54.4	99.9	271.5	32.7	32.7	-0.8	405.0	999.9	99.9	999.9	60.7	92.
48.5	128.0	15180.1	112.0	-54.3	99.9	273.3	38.7	38.7	-2.2	409.4	999.9	99.9	999.9	63.0	92.
49.2	129.0	15354.4	109.0	-53.5	99.9	273.4	30.1	30.1	-1.8	414.1	999.9	99.9	999.9	64.2	92.
49.8	130.0	15534.0	106.0	-53.5	99.9	269.0	15.5	15.5	0.3	417.4	999.9	99.9	999.9	64.8	92.
50.5	131.0	15718.8	103.0	-53.3	99.9	267.8	21.5	21.5	0.8	421.1	999.9	99.9	999.9	65.2	92.
51.2	132.0	15909.1	100.0	-53.5	99.9	269.6	33.9	33.9	0.3	424.4	999.9	99.9	999.9	66.5	92.
51.8	133.0	16104.7	97.0	-54.3	99.9	269.6	32.3	32.3	0.2	426.6	999.9	99.9	999.9	68.2	92.
52.4	134.0	16305.9	94.0	-54.7	99.9	269.2	29.1	29.1	0.4	429.5	999.9	99.9	999.9	68.4	92.
53.1	135.0	16513.4	91.0	-54.9	99.9	269.4	27.3	27.3	0.3	433.2	999.9	99.9	999.9	70.6	92.
53.9	136.0	16727.6	88.0	-55.0	99.9	271.4	28.3	28.3	-0.7	437.1	999.9	99.9	999.9	70.6	92.
54.7	137.0	17024.7	84.0	-55.2	99.9	271.8	28.9	28.9	-0.9	442.6	999.9	99.9	999.9	73.3	92.
55.7	138.0	17256.2	81.0	-55.4	99.9	271.8	30.0	29.9	-0.9	446.9	999.9	99.9	999.9	74.8	92.
56.6	139.0	17497.3	78.0	-55.8	99.9	270.6	12.0	12.0	-0.1	450.8	999.9	99.9	999.9	74.8	92.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
2100 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.3	140.0	17746.5	75.0	-56.5	95.9	269.4	27.5	27.5	0.3	454.5	999.9	99.9	999.9	76.0	92.
58.0	141.0	18004.9	72.0	-57.6	99.9	268.7	29.3	29.2	0.7	457.4	999.9	99.9	999.9	79.3	92.
58.7	142.0	18272.8	65.0	-58.8	99.9	267.3	20.1	20.1	0.9	460.5	999.9	99.9	999.9	78.5	92.
59.3	143.0	18551.4	66.0	-59.7	99.9	266.9	24.4	24.3	1.3	464.5	999.9	99.9	999.9	79.5	92.
60.2	144.0	18841.2	63.0	-61.2	99.9	268.6	37.8	37.8	1.0	467.3	999.9	99.9	999.9	81.1	92.
61.0	145.0	19145.1	60.0	-59.8	99.9	267.0	7.3	7.3	0.4	477.0	999.9	99.9	999.9	84.2	92.
61.9	146.0	19466.5	57.0	-58.6	99.9	279.2	15.8	15.6	-2.5	486.7	999.9	99.9	999.9	81.8	92.
62.8	147.0	19806.6	54.0	-58.1	99.9	278.0	33.8	33.4	-4.7	495.5	999.9	99.9	999.9	84.6	92.
63.8	148.0	20167.3	51.0	-57.3	99.9	272.4	24.7	24.7	-1.0	505.6	999.9	99.9	999.9	86.6	92.
64.7	149.0	20419.5	49.0	-58.5	99.9	266.8	13.7	13.7	0.8	508.6	999.9	99.9	999.9	86.8	92.
65.7	150.0	20815.2	46.0	-60.2	99.9	272.1	28.4	28.3	-1.0	513.8	999.9	99.9	999.9	88.7	92.
66.7	151.0	21234.6	43.0	-61.6	99.9	269.1	25.8	25.8	0.4	520.3	999.9	99.9	999.9	90.2	92.
67.7	152.0	21680.8	40.0	-63.4	99.9	257.3	20.0	19.5	4.4	526.7	999.9	99.9	999.9	92.0	92.
68.7	153.0	22159.6	37.0	-63.6	99.9	264.8	18.2	18.1	1.6	538.1	999.9	99.9	999.9	92.6	91.
70.0	154.0	22502.2	35.0	-61.8	99.9	271.4	29.0	29.0	-0.7	551.4	999.9	99.9	999.9	94.8	91.
71.2	155.0	23058.4	32.0	-60.7	95.9	268.7	37.6	37.6	0.9	568.6	999.9	99.9	999.9	95.7	91.
72.3	156.0	23672.5	29.0	-59.7	99.9	259.2	22.1	21.7	4.1	587.7	999.9	99.9	999.9	99.0	91.
73.8	157.0	24117.2	27.0	-61.8	99.9	262.7	21.4	21.3	2.7	593.9	999.9	99.9	999.9	100.5	91.
75.3	158.0	24847.7	24.0	-61.1	99.9	260.5	26.6	26.3	4.4	616.3	999.9	99.9	999.9	101.8	91.
77.0	159.0	25676.3	21.0	-61.6	99.9	268.8	35.0	35.0	0.7	638.7	999.9	99.9	999.9	105.4	91.
79.1	160.0	26640.1	18.0	-57.8	99.9	263.3	24.7	24.6	2.9	679.4	999.9	99.9	999.9	110.5	91.
81.2	161.0	27385.6	16.0	-56.3	99.9	262.3	29.8	29.5	4.0	707.5	999.9	99.9	999.9	113.1	90.
84.2	162.0	28703.9	13.0	-56.5	95.9	999.9	99.9	99.9	99.9	750.2	999.9	99.9	999.9	999.9	999.

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
2315 GMT

155 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	175.0	997.9	-6.0	-12.7	300.0	6.7	5.8	-3.3	267.5	271.3	1.4	59.0	0.0	0.
0.1	6.0	197.8	995.0	-5.8	-13.3	292.1	8.6	8.0	-3.2	267.9	271.5	1.4	55.6	0.3	111.
0.3	7.0	284.7	984.0	-7.2	-14.3	292.1	8.6	8.0	-3.2	267.4	270.7	1.3	56.4	0.3	111.
0.5	8.0	356.2	975.0	-8.2	-15.0	292.1	8.6	8.0	-3.2	267.0	270.3	1.2	58.1	0.3	111.
0.7	9.0	444.1	964.0	-9.2	-15.7	294.3	8.8	8.1	-3.6	266.9	269.9	1.2	59.3	0.4	112.
1.0	10.0	524.7	954.0	-10.0	-15.3	297.3	9.3	8.2	-4.2	266.9	270.1	1.2	64.6	0.5	112.
1.3	11.0	630.4	941.0	-10.7	-15.5	299.5	9.7	8.4	-4.8	267.2	270.4	1.2	67.3	0.7	114.
1.6	12.0	712.4	931.0	-11.7	-15.8	301.4	10.0	8.5	-5.2	267.0	270.2	1.2	71.5	0.9	116.
1.8	13.0	795.0	921.0	-12.8	-16.4	302.7	10.0	8.4	-5.4	266.7	269.7	1.1	74.3	1.0	116.
2.2	14.0	878.3	911.0	-13.1	-15.4	308.7	10.3	8.0	-6.4	267.2	270.6	1.3	82.9	1.2	118.
2.4	15.0	953.8	902.0	-14.2	-21.9	313.1	10.8	7.9	-7.4	266.8	268.8	0.7	51.8	1.3	119.
2.7	16.0	1064.1	889.0	-13.5	-39.0	317.1	11.6	7.9	-8.5	268.5	269.0	0.1	9.5	1.5	121.
3.0	17.0	1150.3	879.0	-12.8	-37.5	319.6	12.4	8.1	-9.5	270.1	270.7	0.2	10.5	1.8	124.
3.3	18.0	1228.7	870.0	-12.9	-36.2	316.4	12.3	8.5	-8.9	270.8	271.4	0.2	12.1	2.0	125.
3.5	19.0	1316.8	860.0	-13.2	-34.5	314.3	12.3	8.8	-8.6	271.4	272.1	0.2	14.6	2.1	126.
3.8	20.0	1405.9	850.0	-12.8	-30.0	312.2	12.1	9.0	-8.2	272.8	273.8	0.4	21.9	2.3	126.
4.2	21.0	1505.5	839.0	-12.0	-28.6	311.3	12.8	9.6	-8.4	274.7	275.9	0.4	23.6	2.6	127.
4.6	22.0	1588.1	830.0	-11.7	-18.1	311.0	13.9	10.5	-9.2	275.9	279.0	1.1	58.7	2.9	127.
4.8	23.0	1671.6	821.0	-11.5	-14.1	309.4	13.9	10.7	-8.8	277.0	281.2	1.6	81.0	3.1	128.
5.1	24.0	1775.2	810.0	-11.1	-12.5	306.2	13.4	10.8	-7.9	278.5	283.4	1.8	89.3	3.4	128.
5.4	25.0	1861.1	801.0	-11.1	-12.6	300.8	12.0	10.3	-6.1	279.4	284.4	1.8	88.5	3.6	128.
5.8	26.0	1976.9	789.0	-11.7	-13.2	295.6	11.6	10.5	-5.0	280.0	284.8	1.7	88.2	3.9	127.
6.1	27.0	2064.2	780.0	-12.2	-13.8	293.2	11.6	10.7	-4.6	280.3	285.0	1.7	88.2	4.1	126.
6.4	28.0	2153.5	771.0	-12.8	-14.4	292.1	11.5	10.6	-4.3	280.6	285.1	1.6	87.9	4.3	125.
6.7	29.0	2243.0	762.0	-13.2	-14.5	290.4	11.6	10.8	-4.0	281.1	285.6	1.6	89.8	4.5	125.
7.0	30.0	2333.4	753.0	-14.2	-15.1	288.5	11.7	11.1	-3.7	281.0	285.3	1.6	92.6	4.6	124.
7.3	31.0	2424.7	744.0	-14.2	-14.9	286.3	12.0	11.6	-3.4	282.0	286.5	1.6	94.7	4.9	124.
7.5	32.0	2517.1	735.0	-14.1	-14.9	284.9	12.3	11.8	-3.1	283.1	287.7	1.6	93.4	5.0	123.
7.9	33.0	2610.6	726.0	-14.5	-15.5	282.4	13.0	12.7	-2.8	283.7	288.0	1.6	91.7	5.3	122.
8.1	34.0	2705.1	717.0	-15.2	-16.1	281.4	13.4	13.2	-2.7	283.9	288.1	1.5	92.3	5.4	121.
8.4	35.0	2789.9	709.0	-15.2	-16.1	280.3	14.3	14.0	-2.6	284.8	289.1	1.5	92.3	5.6	120.
8.8	36.0	2908.2	698.0	-15.2	-16.1	279.2	15.4	15.2	-2.5	286.1	290.5	1.5	92.3	6.0	119.
9.0	37.0	3006.3	689.0	-15.6	-16.4	278.7	16.0	15.8	-2.4	286.7	291.1	1.5	93.7	6.2	119.
9.3	38.0	3094.4	681.0	-15.7	-16.5	278.1	16.7	16.5	-2.4	287.5	291.9	1.5	94.1	6.5	118.
9.6	39.0	3194.8	672.0	-16.1	-16.9	277.7	17.4	17.2	-2.3	288.1	292.4	1.5	94.0	6.8	117.
9.9	40.0	3284.9	664.0	-16.8	-17.6	277.5	18.2	18.1	-2.4	288.3	292.5	1.4	93.5	7.0	116.
10.3	41.0	3398.8	654.0	-17.2	-18.0	277.6	19.6	19.4	-2.6	289.1	293.2	1.4	93.5	7.5	115.
10.6	42.0	3491.0	646.0	-18.2	-19.0	277.6	20.6	20.4	-2.7	289.0	292.8	1.3	93.3	7.8	114.
10.9	43.0	3595.2	637.0	-18.5	-19.3	277.5	21.5	21.3	-2.8	289.9	293.7	1.3	93.3	8.2	113.
11.2	44.0	3701.9	628.0	-19.3	-20.2	276.7	21.8	21.6	-2.5	290.1	293.7	1.2	92.6	8.6	113.
11.6	45.0	3785.2	621.0	-19.7	-20.7	275.0	21.5	21.4	-1.9	290.6	294.0	1.2	91.4	9.1	112.
11.9	46.0	3893.5	612.0	-20.6	-21.8	273.6	20.7	20.6	-1.3	290.7	293.9	1.1	90.5	9.5	111.
12.2	47.0	3990.8	604.0	-21.0	-22.6	273.4	19.6	19.6	-1.2	291.3	294.4	1.0	87.0	9.8	110.
12.6	48.0	4089.1	596.0	-22.0	-24.3	274.4	18.2	18.1	-1.4	291.3	294.0	0.9	81.4	10.3	109.
12.9	49.0	4188.5	588.0	-22.6	-25.3	275.7	17.4	17.3	-1.7	291.7	294.2	0.8	78.4	10.5	109.

\* BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
2315 GMT

155 29. 0

TIME MIN	CNTCT	HFLIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
13.3	50.0	4288.9	580.0	-23.4	-26.7	275.4	16.8	16.7	-1.6	291.9	294.1	0.7	74.4	11.0	109.
13.7	51.0	4403.1	571.0	-24.2	-27.9	273.9	16.6	16.6	-1.1	292.2	294.3	0.7	71.3	11.3	108.
14.0	52.0	4505.9	563.0	-25.0	-30.1	272.5	16.7	16.7	-0.7	292.5	294.2	0.6	62.5	11.6	108.
14.4	53.0	4596.7	556.0	-25.9	-31.1	272.4	17.4	17.3	-0.7	292.4	294.0	0.5	61.7	12.0	107.
14.7	54.0	4714.8	547.0	-26.3	-32.0	272.6	17.8	17.8	-0.8	293.3	294.8	0.5	58.3	12.3	107.
15.0	55.0	4794.3	541.0	-27.5	-34.4	273.0	18.3	18.3	-1.0	292.8	294.0	0.4	51.4	12.6	107.
15.4	56.0	4928.4	531.0	-28.3	-37.0	272.9	18.6	18.6	-1.0	293.4	294.4	0.3	42.9	13.0	106.
15.8	57.0	5037.1	523.0	-29.0	-38.3	272.4	18.6	18.6	-0.8	293.9	294.8	0.3	39.9	13.5	106.
16.1	58.0	5133.3	516.0	-30.0	-40.2	271.9	18.5	18.5	-0.6	293.8	294.5	0.2	35.9	13.9	105.
16.4	59.0	5216.5	510.0	-30.8	-41.6	271.2	18.4	18.4	-0.4	293.8	294.4	0.2	33.4	14.2	105.
16.8	60.0	5328.5	502.0	-31.6	-42.8	270.5	18.5	18.5	-0.2	294.1	294.7	0.2	31.9	14.6	105.
17.1	61.0	5441.9	494.0	-32.7	-43.9	270.3	18.7	18.7	-0.1	294.2	294.7	0.2	31.3	14.9	104.
17.4	62.0	5542.3	487.0	-33.6	-45.0	270.3	18.9	18.9	-0.1	294.3	294.7	0.1	30.2	15.2	104.
17.7	63.0	5643.7	480.0	-34.3	-45.9	270.8	18.9	18.9	-0.3	294.7	295.1	0.1	29.3	15.6	104.
18.1	64.0	5746.3	473.0	-35.3	-47.5	271.7	19.0	19.0	-0.6	294.6	294.9	0.1	27.1	16.0	103.
18.4	65.0	5820.2	468.0	-35.8	-45.5	272.6	19.2	19.2	-0.9	294.8	295.1	0.1	22.9	16.3	103.
18.8	66.0	5970.0	458.0	-36.9	-51.8	273.5	19.4	19.4	-1.2	295.3	295.5	0.1	19.4	16.8	103.
19.2	67.0	6076.4	451.0	-38.0	-52.9	274.0	19.2	19.2	-1.3	295.3	295.5	0.1	19.1	17.3	103.
19.5	68.0	6183.9	444.0	-38.8	-53.9	274.2	18.8	18.7	-1.4	295.6	295.7	0.1	18.3	17.7	102.
19.9	69.0	6292.8	437.0	-39.8	-54.1	274.8	18.3	18.2	-1.5	295.7	295.9	0.1	19.7	18.0	102.
20.2	70.0	6387.1	431.0	-40.7	99.9	275.7	18.4	18.3	-1.8	295.7	999.9	99.9	999.9	18.3	102.
20.6	71.0	6530.5	422.0	-41.8	99.9	277.4	18.8	18.6	-2.4	296.1	999.9	99.9	999.9	18.8	102.
21.0	72.0	6643.6	415.0	-42.5	95.9	279.7	19.2	18.9	-3.2	296.6	999.9	99.9	999.9	19.3	102.
21.4	73.0	6725.3	410.0	-43.8	99.9	282.2	19.2	18.8	-4.1	296.0	999.9	99.9	999.9	19.7	102.
21.8	74.0	6840.8	403.0	-44.6	99.9	284.0	19.2	18.6	-4.6	296.4	999.9	99.9	999.9	20.2	102.
22.0	75.0	6957.9	396.0	-45.3	99.9	284.8	19.1	18.5	-4.9	297.0	999.9	99.9	999.9	20.5	102.
22.4	76.0	7042.5	391.0	-46.3	99.9	285.6	19.3	18.6	-5.2	296.7	999.9	99.9	999.9	20.9	102.
22.8	77.0	7162.4	384.0	-46.9	99.9	287.4	20.3	19.4	-6.1	297.5	999.9	99.9	999.9	21.3	102.
23.2	78.0	7266.6	378.0	-47.9	99.9	290.2	21.9	20.5	-7.5	297.5	999.9	99.9	999.9	21.8	102.
23.4	79.0	7372.2	372.0	-47.8	95.9	291.8	22.7	21.1	-8.5	299.1	999.9	99.9	999.9	22.1	102.
23.8	80.0	7479.5	366.0	-47.9	99.9	295.0	23.3	21.1	-9.9	300.3	999.9	99.9	999.9	22.7	103.
24.3	81.0	7606.6	359.0	-48.9	99.9	298.0	22.6	19.9	-10.6	300.6	999.9	99.9	999.9	23.4	103.
24.6	82.0	7717.1	353.0	-49.5	99.9	299.1	22.0	19.2	-10.7	301.2	999.9	99.9	999.9	23.8	103.
25.0	83.0	7829.2	347.0	-50.3	99.9	299.2	21.9	19.1	-10.7	301.7	999.9	99.9	999.9	24.2	104.
25.5	84.0	7942.9	341.0	-51.0	99.9	298.1	23.9	21.0	-11.2	302.2	999.9	99.9	999.9	24.7	104.
25.8	85.0	8058.2	335.0	-51.8	99.9	297.5	24.7	21.9	-11.4	302.7	999.9	99.9	999.9	25.3	104.
26.2	86.0	8195.0	328.0	-52.1	99.9	296.7	24.6	22.0	-11.1	304.1	999.9	99.9	999.9	25.9	105.
26.6	87.0	8294.4	323.0	-52.6	95.9	295.3	23.2	21.0	-9.9	304.8	999.9	99.9	999.9	26.6	105.
27.0	88.0	8415.5	317.0	-52.6	99.9	292.3	21.6	20.0	-8.2	306.4	999.9	99.9	999.9	27.1	105.
27.4	89.0	8518.2	312.0	-52.7	99.9	287.7	22.1	21.1	-6.7	307.6	999.9	99.9	999.9	27.4	105.
27.8	90.0	8643.7	306.0	-52.6	99.9	284.2	23.4	22.7	-5.8	309.5	999.9	99.9	999.9	28.0	105.
28.2	91.0	8750.1	301.0	-52.4	99.9	282.2	24.4	23.9	-5.1	311.2	999.9	99.9	999.9	28.7	105.
28.6	92.0	8880.4	295.0	-52.1	95.9	281.2	24.7	24.3	-4.8	313.4	999.9	99.9	999.9	29.3	105.
29.0	93.0	8991.1	290.0	-51.9	95.9	280.9	24.7	24.3	-4.7	315.2	999.9	99.9	999.9	29.7	105.
29.4	94.0	9103.9	285.0	-51.8	95.9	280.5	24.4	24.0	-4.4	317.0	999.9	99.9	999.9	30.5	105.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TFMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

6 FEBRUARY 1975  
2315 GMT

155 29. 0

TIME MIN	CNTCT	HEIGHT GPM	FRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
29.8	95.0	9218.4	280.0	-52.6	99.9	279.2	24.5	24.2	-3.9	317.5	999.9	99.9	999.9	31.0	105.
30.3	96.0	9358.3	274.0	-52.7	99.9	276.3	25.7	25.6	-2.8	319.2	999.9	99.9	999.9	31.6	105.
30.7	97.0	9501.1	268.0	-53.2	99.9	273.6	27.7	27.6	-1.8	320.6	999.9	99.9	999.9	32.3	104.
31.1	98.0	9622.4	263.0	-53.5	99.9	271.7	29.8	29.8	-0.9	321.8	999.9	99.9	999.9	33.0	104.
31.5	99.0	9721.1	259.0	-52.9	99.9	271.4	31.8	31.8	-0.8	324.2	999.9	99.9	999.9	33.6	104.
31.9	100.0	9847.0	254.0	-52.6	99.9	273.0	33.4	33.4	-1.8	326.4	999.9	99.9	999.9	34.6	104.
32.4	101.0	10001.5	248.0	-52.4	99.9	275.1	34.9	34.8	-3.1	328.9	999.9	99.9	999.9	35.4	103.
32.8	102.0	10133.2	243.0	-52.6	99.9	275.4	34.7	34.6	-3.2	330.6	999.9	99.9	999.9	36.4	103.
33.3	103.0	10267.6	238.0	-52.3	99.9	273.8	32.7	32.6	-2.2	333.0	999.9	99.9	999.9	37.5	103.
33.8	104.0	10405.3	233.0	-51.0	99.9	272.1	31.4	31.3	-1.1	336.9	999.9	99.9	999.9	38.4	103.
34.3	105.0	10518.0	229.0	-51.0	99.9	272.5	33.8	33.7	-1.5	338.6	999.9	99.9	999.9	39.1	102.
34.8	106.0	10661.8	224.0	-50.4	99.9	273.2	36.4	36.3	-2.0	341.7	999.9	99.9	999.9	40.2	102.
35.2	107.0	10779.7	220.0	-49.2	99.9	272.3	33.5	33.5	-1.3	345.3	999.9	99.9	999.9	41.4	102.
35.7	108.0	10930.9	215.0	-48.0	99.9	266.6	22.4	22.4	1.3	349.4	999.9	99.9	999.9	42.3	102.
36.2	109.0	11054.6	211.0	-48.5	99.9	251.0	13.3	12.5	4.3	350.6	999.9	99.9	999.9	42.8	102.
36.7	110.0	11180.4	207.0	-48.9	99.9	255.0	18.8	18.2	4.9	351.8	999.9	99.9	999.9	42.4	101.
37.3	111.0	11373.3	201.0	-49.5	99.9	266.2	38.1	38.1	2.5	353.9	999.9	99.9	999.9	43.5	101.
37.7	112.0	11504.8	197.0	-50.3	99.9	267.2	42.4	42.3	2.1	354.7	999.9	99.9	999.9	45.3	100.
38.2	113.0	11638.6	193.0	-50.7	99.9	264.6	36.1	35.9	3.4	356.1	999.9	99.9	999.9	46.1	100.
38.6	114.0	11774.9	189.0	-51.0	99.9	261.7	30.9	30.5	4.5	357.7	999.9	99.9	999.9	46.8	100.
39.1	115.0	11913.9	185.0	-51.6	99.9	263.3	32.2	32.0	3.8	358.9	999.9	99.9	999.9	47.4	99.
39.7	116.0	12091.4	180.0	-52.4	99.9	268.2	38.3	38.3	1.2	360.5	999.9	99.9	999.9	48.7	99.
40.2	117.0	12236.7	176.0	-52.4	99.9	269.6	39.4	39.4	0.2	362.8	999.9	99.9	999.9	50.1	99.
40.6	118.0	12385.3	172.0	-52.4	99.9	268.9	36.9	36.9	0.7	365.2	999.9	99.9	999.9	51.1	99.
41.2	119.0	12537.6	168.0	-51.9	99.9	266.6	33.5	33.4	2.0	368.4	999.9	99.9	999.9	52.1	98.
41.8	120.0	12693.7	164.0	-52.3	99.9	267.9	34.5	34.4	1.2	370.5	999.9	99.9	999.9	53.3	98.
42.3	121.0	12853.7	160.0	-51.6	99.9	271.0	34.3	34.3	-0.6	374.1	999.9	99.9	999.9	54.4	98.
42.9	122.0	12976.3	157.0	-52.4	99.9	273.1	31.7	31.7	-1.7	374.9	999.9	99.9	999.9	55.5	98.
43.5	123.0	13143.0	153.0	-52.7	99.9	271.6	29.7	29.6	-0.8	377.1	999.9	99.9	999.9	56.8	98.
44.1	124.0	13313.6	149.0	-53.8	99.9	270.9	31.2	31.2	-0.5	378.1	999.9	99.9	999.9	57.6	98.
44.7	125.0	13488.3	145.0	-54.1	99.9	272.6	33.8	33.8	-1.5	380.5	999.9	99.9	999.9	58.9	98.
45.4	126.0	13667.8	141.0	-54.1	99.9	273.7	32.4	32.4	-2.1	383.5	999.9	99.9	999.9	60.3	97.
45.9	127.0	13806.0	138.0	-53.3	99.9	271.6	28.3	28.3	-0.8	387.3	999.9	99.9	999.9	61.5	97.
46.4	128.0	13995.0	134.0	-54.1	99.9	267.8	27.5	27.4	1.1	389.2	999.9	99.9	999.9	61.9	97.
47.1	129.0	14140.3	131.0	-54.1	99.9	265.6	31.7	31.6	2.4	391.7	999.9	99.9	999.9	63.2	97.
47.6	130.0	14339.2	127.0	-54.1	99.9	267.0	32.0	32.0	1.7	395.2	999.9	99.9	999.9	64.3	97.
48.4	131.0	14544.5	123.0	-54.1	99.9	275.2	28.5	28.4	-2.6	398.8	999.9	99.9	999.9	65.7	97.
49.0	132.0	14703.0	120.0	-54.1	99.9	999.9	99.9	99.9	99.9	401.7	999.9	99.9	999.9	999.9	999.
49.7	133.0	14865.4	117.0	-54.1	99.9	999.9	99.9	99.9	99.9	404.6	999.9	99.9	999.9	999.9	999.
50.2	134.0	15031.6	114.0	-55.3	99.9	999.9	99.9	99.9	99.9	405.5	999.9	99.9	999.9	999.9	999.
50.9	135.0	15259.3	110.0	-55.7	99.9	999.9	99.9	99.9	99.9	408.7	999.9	99.9	999.9	999.9	999.
51.7	136.0	15434.7	107.0	-57.4	99.9	999.9	99.9	99.9	99.9	408.9	999.9	99.9	999.9	999.9	999.
52.4	137.0	15675.0	103.0	-58.2	99.9	999.9	99.9	99.9	99.9	411.7	999.9	99.9	999.9	999.9	999.
53.1	138.0	15923.9	99.0	-59.1	99.9	999.9	99.9	99.9	99.9	414.7	999.9	99.9	999.9	999.9	999.
53.9	139.0	16116.9	96.0	-58.9	99.9	999.9	99.9	99.9	99.9	418.7	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM. ILL

6 FEBRUARY 1975  
2315 GMT

155 29. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
54.7	140.0	16384.9	92.0	-57.4	95.9	999.9	99.9	99.9	99.9	426.9	999.9	99.9	999.9	999.9	999.9
55.7	141.0	16594.4	89.0	-57.4	95.9	999.9	99.9	99.9	99.9	431.0	999.9	99.9	999.9	999.9	999.9
56.7	142.0	16885.0	85.0	-57.4	99.9	999.9	99.9	99.9	99.9	436.7	999.9	99.9	999.9	999.9	999.9
57.6	143.0	17112.3	82.0	-57.1	99.9	999.9	99.9	99.9	99.9	441.9	999.9	99.9	999.9	999.9	999.9
58.5	144.0	17428.9	78.0	-56.9	99.9	999.9	99.9	99.9	99.9	446.6	999.9	99.9	999.9	999.9	999.9
59.4	145.0	17676.6	75.0	-56.2	99.9	999.9	99.9	99.9	99.9	450.8	999.9	99.9	999.9	999.9	999.9
60.3	146.0	18020.8	71.0	-59.3	95.9	999.9	99.9	99.9	99.9	455.7	999.9	99.9	999.9	999.9	999.9
61.3	147.0	18291.1	68.0	-59.5	95.9	999.9	99.9	99.9	99.9	461.0	999.9	99.9	999.9	999.9	999.9
62.4	148.0	18573.1	65.0	-60.2	95.9	999.9	99.9	99.9	99.9	465.5	999.9	99.9	999.9	999.9	999.9
63.6	149.0	18970.0	61.0	-59.5	99.9	999.9	99.9	99.9	99.9	475.6	999.9	99.9	999.9	999.9	999.9
64.5	150.0	19285.3	58.0	-60.0	99.9	999.9	99.9	99.9	99.9	481.3	999.9	99.9	999.9	999.9	999.9
65.7	151.0	19616.2	55.0	-60.9	99.9	999.9	99.9	99.9	99.9	486.6	999.9	99.9	999.9	999.9	999.9
66.8	152.0	19964.2	52.0	-61.8	99.9	999.9	99.9	99.9	99.9	492.4	999.9	99.9	999.9	999.9	999.9
68.2	153.0	20458.8	48.0	-62.7	99.9	999.9	99.9	99.9	99.9	501.6	999.9	99.9	999.9	999.9	999.9
69.7	154.0	20855.7	45.0	-63.6	95.9	999.9	99.9	99.9	99.9	508.6	999.9	99.9	999.9	999.9	999.9
71.1	155.0	21278.6	42.0	-64.2	95.9	999.9	99.9	99.9	99.9	517.4	999.9	99.9	999.9	999.9	999.9
72.6	156.0	21731.7	39.0	-64.6	95.9	999.9	99.9	99.9	99.9	527.5	999.9	99.9	999.9	999.9	999.9
74.4	157.0	22394.0	35.0	-63.8	99.9	999.9	99.9	99.9	99.9	546.1	999.9	99.9	999.9	999.9	999.9
76.2	158.0	22944.2	32.0	-63.3	99.9	999.9	99.9	99.9	99.9	561.8	999.9	99.9	999.9	999.9	999.9
78.1	159.0	23547.2	29.0	-64.8	99.9	999.9	99.9	99.9	99.9	573.6	999.9	99.9	999.9	999.9	999.9

STATION NO. 433  
SALEM, ILL

7 FEBRUARY 1975  
600 GMT

162 17. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES ME	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	175.0	1000.4	-7.9	-15.1	320.0	8.2	5.3	-6.3	265.3	267.6	0.8	40.0	0.0	0.
0.2	7.0	264.1	989.0	-8.1	-13.8	311.2	11.0	8.3	-7.2	266.0	269.5	1.3	63.7	0.3	131.
0.5	8.0	350.9	978.0	-8.7	-14.2	311.2	11.0	8.3	-7.2	266.3	269.7	1.3	64.4	0.3	131.
0.8	9.0	430.4	968.0	-9.7	-14.5	309.0	11.2	8.7	-7.0	266.0	269.4	1.3	68.2	0.5	131.
1.1	10.0	510.4	958.0	-10.9	-15.5	307.0	11.5	9.2	-6.9	265.7	268.8	1.2	68.5	0.7	130.
1.4	11.0	607.1	946.0	-11.7	-15.5	305.1	11.9	9.7	-6.8	265.7	268.9	1.2	73.3	0.9	129.
1.7	12.0	688.5	936.0	-12.3	-15.6	303.9	12.4	10.3	-6.9	266.0	269.1	1.2	76.2	1.1	128.
1.9	13.0	770.5	926.0	-13.0	-16.0	303.4	12.9	10.8	-7.1	266.1	269.2	1.2	78.1	1.3	128.
2.2	14.0	853.2	916.0	-13.7	-16.0	303.1	12.7	10.7	-7.0	266.2	269.3	1.2	82.5	1.5	127.
2.4	15.0	936.5	906.0	-14.4	-17.2	303.0	12.4	10.4	-6.7	266.3	269.2	1.1	79.1	1.7	126.
2.8	16.0	1037.5	894.0	-15.0	-18.3	303.7	11.7	9.7	-6.5	266.7	269.4	1.0	75.4	1.9	126.
3.1	17.0	1122.7	884.0	-14.8	-17.9	304.6	11.6	9.6	-6.6	267.7	270.5	1.1	77.6	2.1	126.
3.3	18.0	1208.9	874.0	-14.3	-18.3	305.2	12.2	9.9	-7.0	269.2	271.9	1.0	71.4	2.2	126.
3.7	19.0	1296.2	864.0	-14.0	-19.0	306.4	12.2	9.8	-7.2	270.3	273.0	1.0	65.5	2.6	126.
3.9	20.0	1375.8	855.0	-13.7	-20.5	307.1	11.7	9.3	-7.0	271.4	273.8	0.9	56.2	2.7	126.
4.2	21.0	1483.3	843.0	-13.7	-22.3	307.2	10.9	8.6	-6.6	272.5	274.6	0.8	48.0	2.9	126.
4.6	22.0	1574.0	833.0	-13.9	-21.9	307.9	10.1	8.0	-6.2	273.3	275.5	0.8	50.6	3.2	126.
4.9	23.0	1656.5	824.0	-14.0	-22.9	310.5	10.5	7.9	-6.8	274.0	276.0	0.7	46.6	3.4	126.
5.1	24.0	1749.2	814.0	-14.1	-29.5	311.9	10.6	7.9	-7.1	274.8	275.9	0.4	25.7	3.5	126.
5.4	25.0	1833.5	805.0	-14.3	-33.8	313.6	10.7	7.8	-7.4	275.5	276.3	0.3	17.2	3.7	127.
5.8	26.0	1947.4	793.0	-14.4	-36.1	307.0	10.0	8.0	-6.0	276.5	277.2	0.2	13.8	3.9	127.
6.0	27.0	2033.9	784.0	-14.6	-38.7	301.6	9.6	8.2	-5.0	277.2	277.8	0.2	10.7	4.1	127.
6.3	28.0	2121.3	775.0	-14.6	-38.7	293.1	10.3	9.5	-4.0	278.2	278.7	0.2	10.7	4.2	127.
6.6	29.0	2209.8	766.0	-14.4	-37.7	287.2	11.1	10.6	-3.3	279.2	279.8	0.2	11.7	4.4	126.
6.9	30.0	2299.4	757.0	-14.6	-37.4	284.4	11.7	11.3	-2.9	280.0	280.7	0.2	12.3	4.6	124.
7.1	31.0	2389.9	748.0	-15.0	-36.9	283.7	12.0	11.7	-2.9	280.5	281.2	0.2	13.3	4.7	124.
7.4	32.0	2481.4	739.0	-15.4	-36.8	284.0	12.5	12.1	-3.0	281.1	281.7	0.2	13.9	4.9	123.
7.7	33.0	2573.8	730.0	-15.8	-37.1	284.6	13.1	12.7	-3.3	281.6	282.3	0.2	13.9	5.2	122.
8.0	34.0	2667.3	721.0	-16.4	-38.3	285.3	13.8	13.3	-3.6	282.0	282.6	0.2	13.0	5.4	122.
8.3	35.0	2751.1	713.0	-16.9	-24.0	285.6	15.1	14.5	-4.0	282.3	284.6	0.8	53.7	5.6	121.
8.7	36.0	2867.8	702.0	-17.5	-27.1	286.1	16.9	16.2	-4.7	283.0	285.5	0.8	61.2	6.0	120.
8.9	37.0	2953.6	694.0	-17.7	-20.3	286.4	17.8	17.1	-5.0	283.7	286.8	1.1	80.1	6.2	119.
9.2	38.0	3051.3	685.0	-17.9	-22.4	287.1	18.9	18.1	-5.6	284.6	287.2	0.9	67.1	6.5	119.
9.5	39.0	3139.3	677.0	-17.3	-41.5	287.9	20.0	19.0	-6.1	286.0	286.5	0.1	10.0	6.9	118.
9.8	40.0	3239.7	668.0	-16.8	-37.2	288.6	20.5	19.4	-6.5	287.7	288.5	0.2	15.0	7.2	117.
10.2	41.0	3352.9	658.0	-16.9	-32.8	289.0	20.9	19.8	-6.8	288.8	290.0	0.4	23.5	7.7	117.
10.4	42.0	3444.6	650.0	-17.6	-32.6	289.1	21.0	19.9	-6.9	289.1	290.3	0.4	25.5	8.0	117.
10.8	43.0	3548.9	641.0	-18.3	-37.2	289.0	20.9	19.8	-6.8	289.5	290.6	0.4	25.5	8.5	116.
11.1	44.0	3642.5	633.0	-18.9	-31.8	289.0	20.7	19.5	-6.7	289.7	291.0	0.4	31.1	8.9	116.
11.4	45.0	3737.1	625.0	-19.8	-30.8	289.4	20.3	19.1	-6.7	289.9	291.3	0.5	36.6	9.3	116.
11.7	46.0	3832.6	617.0	-20.4	-30.7	290.0	20.1	18.9	-6.9	290.2	291.7	0.5	39.2	9.6	115.
12.0	47.0	3929.2	609.0	-20.7	-36.3	290.7	19.9	18.7	-7.0	290.9	291.8	0.3	22.9	9.9	115.
12.3	48.0	4027.0	601.0	-21.0	-31.9	290.9	20.3	19.0	-7.3	291.7	293.1	0.4	36.5	10.3	115.
12.7	49.0	4125.9	593.0	-21.2	-32.3	290.9	21.0	19.6	-7.5	292.5	293.9	0.4	35.8	10.8	115.
12.9	50.0	4226.1	585.0	-21.8	-37.3	290.6	21.4	20.0	-7.5	293.1	294.3	0.4	34.0	11.0	115.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

7 FEBRUARY 1975  
600 GMT

162 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
13.3	51.0	4340.1	576.0	-22.3	-34.6	289.8	21.9	20.6	-7.4	293.7	294.8	0.3	31.4	11.6	115.
13.6	52.0	4442.8	568.0	-22.7	-35.3	289.1	22.2	21.0	-7.2	294.4	295.5	0.3	30.5	12.0	115.
13.9	53.0	4546.8	560.0	-23.1	-36.2	288.4	22.3	21.2	-7.0	295.2	296.1	0.3	28.6	12.4	114.
14.2	54.0	4638.9	553.0	-23.6	-36.4	288.2	22.7	21.5	-7.1	295.6	296.6	0.3	29.6	12.8	114.
14.6	55.0	4745.3	545.0	-24.3	-35.6	288.6	23.3	22.1	-7.4	296.0	297.1	0.3	34.0	13.3	114.
14.9	56.0	4866.5	536.0	-25.1	-35.6	289.3	24.0	22.6	-7.9	296.5	297.6	0.3	36.7	13.7	114.
15.3	57.0	4961.9	529.0	-25.9	-35.6	289.6	24.9	23.5	-8.3	296.7	297.8	0.3	39.1	14.3	114.
15.6	58.0	5058.2	522.0	-26.6	-36.1	289.3	25.5	24.1	-8.4	296.9	297.9	0.3	40.0	14.8	113.
15.9	59.0	5169.6	514.0	-27.4	-36.6	288.5	26.1	24.8	-8.3	297.2	298.3	0.3	40.8	15.2	113.
16.2	60.0	5268.2	507.0	-28.0	-36.5	287.5	26.7	25.5	-8.1	297.8	298.8	0.3	43.3	15.7	113.
16.5	61.0	5367.9	500.0	-28.9	-36.9	286.5	27.3	26.2	-7.8	297.8	298.9	0.3	45.5	16.2	113.
16.9	62.0	5468.6	493.0	-29.8	-37.9	285.3	28.1	27.1	-7.4	297.9	298.9	0.3	44.6	16.8	113.
17.2	63.0	5570.3	486.0	-30.7	-38.5	284.5	28.6	27.7	-7.1	298.0	298.9	0.3	45.9	17.4	112.
17.6	64.0	5673.2	479.0	-31.5	-38.3	283.6	29.4	28.6	-6.9	298.3	299.2	0.3	50.5	18.1	112.
17.9	65.0	5777.2	472.0	-32.4	-39.0	283.4	29.9	29.1	-6.9	298.4	299.3	0.3	51.5	18.5	112.
18.2	66.0	5897.7	464.0	-32.9	-39.3	283.5	30.4	29.6	-7.1	299.2	300.1	0.3	52.3	19.1	112.
18.6	67.0	6004.5	457.0	-33.6	-39.0	284.1	31.1	30.1	-7.6	299.7	300.6	0.3	57.4	19.9	111.
18.9	68.0	6112.7	450.0	-34.4	-39.6	285.0	31.9	30.8	-8.3	300.0	300.9	0.3	58.7	20.4	111.
19.2	69.0	6222.2	443.0	-35.2	-40.9	286.1	33.3	32.0	-9.2	300.4	301.2	0.2	55.2	20.9	111.
19.6	70.0	6317.1	437.0	-35.8	-41.7	287.3	35.4	33.8	-10.5	300.7	301.5	0.2	54.4	21.7	111.
20.0	71.0	6445.2	429.0	-37.3	-42.9	287.4	37.3	35.6	-11.2	300.4	301.1	0.2	54.9	22.7	111.
20.3	72.0	6558.6	422.0	-38.3	-44.5	285.8	37.4	36.0	-10.2	300.5	301.1	0.2	51.5	23.4	111.
20.7	73.0	6656.9	416.0	-39.1	-45.7	283.8	37.1	36.0	-8.8	300.7	301.2	0.1	49.1	24.3	111.
21.1	74.0	6773.1	409.0	-39.8	-46.5	282.3	36.1	35.2	-7.7	301.3	301.8	0.1	48.2	25.2	110.
21.4	75.0	6873.9	403.0	-41.0	99.9	282.2	35.0	34.2	-7.4	301.1	999.9	99.9	999.9	25.8	110.
21.8	76.0	6975.6	397.0	-42.0	99.9	282.5	33.9	33.1	-7.4	301.1	999.9	99.9	999.9	26.6	110.
22.1	77.0	7095.9	390.0	-42.8	99.9	282.7	33.6	32.8	-7.4	301.6	999.9	99.9	999.9	27.3	110.
22.6	78.0	7200.3	384.0	-43.7	99.9	282.4	34.2	33.4	-7.4	301.7	999.9	99.9	999.9	28.1	109.
22.9	79.0	7306.0	378.0	-44.4	99.9	282.2	34.7	34.0	-7.3	302.1	999.9	99.9	999.9	28.8	109.
23.2	80.0	7413.0	372.0	-45.0	99.9	282.0	35.4	34.6	-7.4	302.8	999.9	99.9	999.9	29.5	109.
23.7	81.0	7539.8	365.0	-45.7	99.9	281.9	37.0	36.2	-7.6	303.5	999.9	99.9	999.9	30.4	109.
24.1	82.0	7650.0	359.0	-46.8	99.9	282.0	38.5	37.6	-8.0	303.4	999.9	99.9	999.9	31.2	109.
24.4	83.0	7761.7	353.0	-46.9	99.9	282.2	38.9	38.0	-8.2	304.7	999.9	99.9	999.9	32.2	108.
24.8	84.0	7874.9	347.0	-48.2	99.9	282.2	37.9	37.0	-8.0	304.4	999.9	99.9	999.9	33.1	108.
25.2	85.0	7989.7	341.0	-49.0	99.9	281.9	36.6	35.9	-7.5	305.0	999.9	99.9	999.9	33.9	108.
25.6	86.0	8125.7	334.0	-49.5	99.9	281.3	36.0	35.3	-7.0	306.0	999.9	99.9	999.9	34.8	108.
26.0	87.0	8224.4	329.0	-50.1	99.9	280.8	36.5	35.9	-6.8	306.5	999.9	99.9	999.9	35.5	108.
26.3	88.0	8344.3	323.0	-51.2	99.9	281.1	37.2	36.5	-7.1	306.7	999.9	99.9	999.9	36.3	108.
26.7	89.0	8445.5	318.0	-52.2	99.9	281.7	38.2	37.4	-7.8	306.6	999.9	99.9	999.9	37.2	107.
27.1	90.0	8568.6	312.0	-52.8	99.9	282.6	39.2	38.2	-8.6	307.4	999.9	99.9	999.9	38.0	107.
27.5	91.0	8672.7	307.0	-53.4	99.9	283.3	39.5	38.4	-9.1	308.0	999.9	99.9	999.9	39.0	107.
27.8	92.0	8800.0	301.0	-52.7	99.9	283.4	38.2	37.1	-8.8	310.8	999.9	99.9	999.9	39.9	107.
28.2	93.0	8908.3	296.0	-52.1	99.9	283.3	36.1	35.1	-8.3	313.2	999.9	99.9	999.9	40.8	107.
28.6	94.0	9018.7	291.0	-51.6	99.9	282.9	34.0	33.1	-7.6	315.4	999.9	99.9	999.9	41.4	107.
29.0	95.0	9131.3	286.0	-51.3	99.9	282.6	32.8	32.0	-7.1	317.4	999.9	99.9	999.9	42.5	107.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 433  
SALEM, ILL

7 FEBRUARY 1975  
600 GMT

162 17. 0

TIME MIN	CNTCT	HFIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
29.5	96.0	9269.2	280.0	-50.7	99.9	282.5	33.5	32.8	-7.3	320.1	999.9	99.9	999.9	43.1	107.
29.9	97.0	9386.7	275.0	-50.6	99.9	282.5	34.6	33.8	-7.5	322.0	999.9	99.9	999.9	44.0	107.
30.3	98.0	9506.5	270.0	-50.0	99.9	282.2	34.8	34.0	-7.4	324.6	999.9	99.9	999.9	45.1	107.
30.7	99.0	9628.6	265.0	-50.1	99.9	281.8	35.1	34.3	-7.2	326.1	999.9	99.9	999.9	45.8	107.
31.1	100.0	9753.1	260.0	-49.8	99.9	281.0	35.9	35.2	-6.9	328.3	999.9	99.9	999.9	46.3	106.
31.6	101.0	9906.0	254.0	-49.4	99.9	279.6	37.2	36.7	-6.2	331.1	999.9	99.9	999.9	47.8	106.
32.0	102.0	10036.4	249.0	-49.1	99.9	278.4	37.4	37.0	-5.5	333.5	999.9	99.9	999.9	48.8	106.
32.4	103.0	10142.7	245.0	-49.0	99.9	277.9	37.9	37.5	-5.2	335.2	999.9	99.9	999.9	49.3	106.
32.9	104.0	10278.1	240.0	-49.0	99.9	277.4	38.1	37.8	-4.9	337.2	999.9	99.9	999.9	50.7	106.
33.2	105.0	10416.4	235.0	-49.0	99.9	277.3	37.3	37.0	-4.7	339.3	999.9	99.9	999.9	51.4	106.
33.7	106.0	10557.6	230.0	-49.1	99.9	278.4	35.8	35.4	-5.2	341.1	999.9	99.9	999.9	52.4	106.
34.1	107.0	10672.7	226.0	-49.1	99.9	280.9	35.8	35.1	-6.8	342.8	999.9	99.9	999.9	53.2	105.
34.6	108.0	10789.9	222.0	-49.1	99.9	282.7	36.8	35.9	-8.1	344.6	999.9	99.9	999.9	54.1	105.
35.0	109.0	10939.4	217.0	-49.1	99.9	280.3	34.5	33.9	-6.2	346.8	999.9	99.9	999.9	55.6	106.
35.4	110.0	11061.4	213.0	-49.2	99.9	272.8	26.0	26.0	-1.3	348.5	999.9	99.9	999.9	56.2	105.
36.0	111.0	11217.3	208.0	-49.1	99.9	259.1	16.7	16.4	3.2	351.1	999.9	99.9	999.9	57.0	105.
36.4	112.0	11376.9	203.0	-49.4	99.9	267.2	22.5	22.5	1.1	353.1	999.9	99.9	999.9	56.5	105.
36.8	113.0	11507.1	199.0	-50.1	99.9	273.8	34.5	34.5	-2.3	353.9	999.9	99.9	999.9	57.2	105.
37.2	114.0	11639.7	195.0	-50.1	99.9	276.4	45.2	44.9	-5.1	356.0	999.9	99.9	999.9	58.4	105.
37.7	115.0	11775.1	191.0	-50.1	99.9	277.1	48.3	48.0	-6.0	358.1	999.9	99.9	999.9	60.3	104.
38.2	116.0	11948.5	186.0	-49.8	99.9	276.5	42.6	42.3	-4.8	361.3	999.9	99.9	999.9	61.7	104.
38.7	117.0	12090.8	182.0	-49.5	99.9	275.8	39.0	38.8	-3.9	364.0	999.9	99.9	999.9	62.5	104.
39.2	118.0	12236.4	178.0	-49.5	99.9	275.3	39.1	39.0	-3.6	366.4	999.9	99.9	999.9	63.7	104.
39.7	119.0	12385.1	174.0	-50.0	99.9	274.2	37.8	37.7	-2.8	368.0	999.9	99.9	999.9	65.2	104.
40.1	120.0	12498.8	171.0	-50.1	99.9	273.2	35.8	35.7	-2.0	369.6	999.9	99.9	999.9	65.8	104.
40.6	121.0	12653.3	167.0	-50.4	99.9	272.3	33.8	33.8	-1.4	371.6	999.9	99.9	999.9	66.7	103.
41.1	122.0	12811.5	163.0	-50.4	99.9	268.8	28.8	28.7	0.6	374.2	999.9	99.9	999.9	68.1	103.
41.4	123.0	12932.6	160.0	-50.6	99.9	263.7	24.5	24.3	2.7	376.0	999.9	99.9	999.9	68.7	103.
41.9	124.0	13097.6	156.0	-50.9	99.9	259.3	24.2	23.7	4.5	378.2	999.9	99.9	999.9	68.5	103.
42.2	125.0	13223.9	153.0	-51.3	99.9	261.9	28.4	28.1	4.0	379.5	999.9	99.9	999.9	68.9	103.
42.7	126.0	13439.3	148.0	-52.2	99.9	266.8	37.5*	37.5	2.1	381.6	999.9	99.9	999.9	70.2	102.
43.2	127.0	13571.5	145.0	-53.6	99.9	267.7	39.3*	39.3	1.6	381.4	999.9	99.9	999.9	71.4	102.
43.7	128.0	13705.9	142.0	-53.7	99.9	263.0	26.6*	26.4	3.3	383.5	999.9	99.9	999.9	73.0	102.
44.2	129.0	13889.2	138.0	-54.5	99.9	266.9	10.3*	9.5	4.0	385.2	999.9	99.9	999.9	73.6	102.
44.8	130.0	14029.8	135.0	-54.8	99.9	267.3	10.6*	10.5	0.5	387.1	999.9	99.9	999.9	72.4	102.
45.4	131.0	14222.2	131.0	-54.8	99.9	276.8	26.0*	25.9	-3.1	390.5	999.9	99.9	999.9	73.8	102.
46.1	132.0	14370.3	128.0	-55.0	99.9	273.3	29.2	29.1	-1.7	392.8	999.9	99.9	999.9	74.9	102.
46.6	133.0	14521.8	125.0	-55.1	99.9	269.6	29.3	29.3	0.2	395.2	999.9	99.9	999.9	76.0	101.
47.1	134.0	14729.4	121.0	-55.3	99.9	269.3	36.3*	36.3	0.5	398.6	999.9	99.9	999.9	76.2	101.
47.5	135.0	14889.4	118.0	-55.9	99.9	271.2	45.9*	45.9	-0.9	400.3	999.9	99.9	999.9	78.1	101.
48.1	136.0	15053.0	115.0	-56.6	99.9	274.5	57.0*	56.8	-4.5	402.0	999.9	99.9	999.9	78.9	101.
48.8	137.0	15277.4	111.0	-56.9	99.9	275.6	47.9*	47.7	-4.7	405.5	999.9	99.9	999.9	82.4	101.
49.4	138.0	15450.8	108.0	-57.2	99.9	273.9	35.1*	35.1	-2.4	408.1	999.9	99.9	999.9	83.3	101.
50.1	139.0	15689.7	104.0	-56.9	99.9	272.1	30.5*	30.4	-1.1	413.1	999.9	99.9	999.9	84.7	101.
50.9	140.0	15875.1	101.0	-56.7	99.9	274.0	25.8*	25.7	-1.8	416.9	999.9	99.9	999.9	85.8	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

7 FEBRUARY 1975  
600 GMT

162 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
51.7	141.0	16131.4	97.0	-56.6	99.9	275.7	21.8*	21.7	-2.2	422.1	999.9	99.9	999.9	87.4	100.
52.4	142.0	16330.8	94.0	-56.3	99.9	274.0	22.3*	22.2	-1.6	426.5	999.9	99.9	999.9	87.9	100.
53.3	143.0	16607.4	90.0	-55.8	99.9	270.8	25.1*	25.1	-0.4	432.8	999.9	99.9	999.9	89.4	100.
54.1	144.0	16823.3	87.0	-55.8	99.9	266.3	24.7*	24.6	1.6	437.0	999.9	99.9	999.9	90.5	100.
54.9	145.0	17046.2	84.0	-56.7	99.9	264.7	24.1*	24.0	2.2	439.5	999.9	99.9	999.9	91.7	100.
55.8	146.0	17276.6	81.0	-56.9	99.9	258.5	22.9*	22.5	4.6	443.8	999.9	99.9	999.9	93.0	100.
56.6	147.0	17597.2	77.0	-57.2	99.9	261.1	29.8*	29.4	4.6	449.5	999.9	99.9	999.9	93.6	99.
57.3	148.0	17848.0	74.0	-58.2	99.9	267.1	34.5*	34.5	1.8	452.6	999.9	99.9	999.9	95.5	99.
58.1	149.0	18108.4	71.0	-58.4	99.9	264.2	22.5*	22.3	2.3	457.6	999.9	99.9	999.9	97.0	99.
59.0	150.0	18379.8	68.0	-58.7	99.9	266.4	25.7*	25.7	1.6	462.6	999.9	99.9	999.9	97.7	99.
60.1	151.0	18662.9	65.0	-59.2	99.9	273.0	40.1*	40.1	-2.1	467.5	999.9	99.9	999.9	100.3	99.
61.2	152.0	18959.2	62.0	-58.9	99.9	268.6	20.1*	20.1	0.5	474.6	999.9	99.9	999.9	102.2	98.
62.1	153.0	19270.1	59.0	-59.4	99.9	275.5	18.2*	18.1	-1.7	480.3	999.9	99.9	999.9	103.2	98.
63.1	154.0	19596.7	56.0	-59.6	99.9	278.0	10.1*	10.0	-1.4	487.1	999.9	99.9	999.9	103.9	98.
64.2	155.0	19941.2	53.0	-59.6	99.9	122.5	7.8	-6.6	4.2	494.8	999.9	99.9	999.9	104.2	98.
65.4	156.0	20305.9	50.0	-59.4	99.9	161.8	6.6	-2.0	6.2	503.5	999.9	99.9	999.9	103.7	98.
66.7	157.0	20693.3	47.0	-59.4	99.9	274.0	30.6	30.5	-2.2	512.5	999.9	99.9	999.9	104.4	98.
67.8	158.0	21105.1	44.0	-60.6	99.9	275.7	52.6	52.3	-5.2	519.4	999.9	99.9	999.9	107.8	98.
69.2	159.0	21544.1	41.0	-61.3	99.9	271.9	25.1	25.1	-0.8	528.2	999.9	99.9	999.9	116.8	98.
70.7	160.0	22016.0	38.0	-60.9	99.9	275.0	34.1	34.0	-2.9	540.7	999.9	99.9	999.9	113.8	98.
72.0	161.0	22526.1	35.0	-61.8	99.9	270.6	19.0	19.0	-0.2	551.3	999.9	99.9	999.9	114.6	98.
73.8	162.0	23078.0	32.0	-64.0	99.9	271.4	20.2	20.2	-0.5	559.7	999.9	99.9	999.9	118.1	98.
75.9	163.0	23681.6	29.0	-63.6	99.9	274.7	22.6	22.5	-1.9	576.7	999.9	99.9	999.9	120.3	98.
77.7	164.0	24351.1	26.0	-64.0	99.9	264.0	18.2	18.1	1.9	594.0	999.9	99.9	999.9	122.8	97.
80.0	165.0	25100.1	23.0	-65.1	99.9	270.9	42.6	42.6	-0.6	611.8	999.9	99.9	999.9	128.2	97.
82.4	166.0	25955.9	20.0	-63.1	99.9	249.9	17.6	16.6	6.0	643.1	999.9	99.9	999.9	130.1	97.
85.0	167.0	26955.5	17.0	-63.3	99.9	999.9	99.9	99.9	99.9	673.1	999.9	99.9	999.9	999.9	999.

STATION NO. 433  
SALEM, ILL

7 FEBRUARY 1975  
1115 GMT

187 10. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MR RTO GN/KG	RM PCT	RANGE KM	AZ DG
0.0	5.7	175.0	1000.0	-10.1	-16.2	310.0	2.6	2.0	-1.7	263.2	266.0	1.1	61.0	0.0	0.0
0.2	6.0	205.9	996.0	-10.5	-15.8	152.2	3.7	-1.7	3.3	263.1	266.0	1.1	61.0	0.5	121.0
0.4	7.0	299.1	984.0	-11.1	-15.9	152.2	3.7	-1.7	3.3	263.5	266.4	1.1	61.0	0.5	121.0
0.6	8.0	385.3	973.0	-11.9	-16.4	179.7	2.1	-0.0	2.1	263.4	266.3	1.1	69.2	0.4	118.0
1.1	9.0	472.3	962.0	-12.5	-16.6	274.1	3.7	3.7	-0.3	263.7	266.6	1.1	71.1	0.4	112.0
1.4	10.0	552.0	952.0	-13.3	-17.8	287.7	7.2	6.9	-2.2	263.6	266.2	1.0	69.0	0.6	112.0
1.8	11.0	664.6	938.0	-14.3	-18.9	291.1	8.9	8.3	-3.2	263.8	266.2	0.9	68.0	0.8	111.0
2.1	12.0	754.2	927.0	-13.9	-21.7	292.9	9.1	8.4	-3.6	265.0	267.0	0.7	51.5	0.9	111.0
2.4	13.0	844.9	916.0	-13.9	-19.5	295.4	8.9	8.0	-3.8	266.0	268.4	0.9	62.4	1.1	112.0
2.8	14.0	928.5	906.0	-12.6	-23.0	299.4	8.9	7.7	-4.4	268.1	269.9	0.7	41.2	1.3	112.0
3.1	15.0	1021.2	895.0	-12.3	-24.0	302.7	9.0	7.6	-4.9	269.3	271.0	0.6	36.8	1.5	113.0
3.5	16.0	1133.7	882.0	-12.0	-24.4	307.3	9.3	7.4	-5.6	270.7	272.4	0.6	34.9	1.7	115.0
3.8	17.0	1220.5	872.0	-12.2	-21.5	305.8	9.6	7.8	-5.6	271.5	273.7	0.8	45.6	1.8	116.0
4.2	18.0	1317.2	861.0	-12.8	-25.8	303.9	9.3	7.7	-5.2	271.8	273.4	0.5	32.5	2.1	117.0
4.6	19.0	1406.9	851.0	-13.2	-28.9	302.8	8.9	7.5	-4.8	272.3	273.3	0.3	21.5	2.2	117.0
4.8	20.0	1496.5	841.0	-13.3	-31.8	296.8	8.6	7.7	-3.9	273.1	274.0	0.3	19.4	2.4	118.0
5.3	21.0	1606.3	829.0	-13.5	-33.2	288.1	10.3	9.8	-3.2	274.0	274.9	0.3	17.1	2.7	117.0
5.6	22.0	1698.8	819.0	-13.3	-28.1	285.9	11.4	11.0	-3.1	275.2	276.5	0.5	27.5	3.0	116.0
5.9	23.0	1801.5	808.0	-13.9	-21.4	286.9	11.4	10.9	-3.3	275.7	278.1	0.8	53.1	3.3	115.0
6.3	24.0	1896.0	798.0	-14.3	-22.3	288.5	10.9	10.4	-3.5	276.2	278.5	0.8	53.1	3.3	115.0
6.6	25.0	1991.6	788.0	-14.7	-22.6	289.8	11.1	10.4	-3.7	276.8	279.0	0.8	51.0	3.6	115.0
7.0	26.0	2097.9	777.0	-15.7	-23.5	291.2	12.8	11.9	-4.6	276.8	278.9	0.7	51.0	3.6	114.0
7.4	27.0	2195.5	767.0	-16.2	-23.5	294.0	14.3	13.1	-5.8	277.3	279.9	0.7	53.4	4.1	114.0
7.6	28.0	2294.6	757.0	-14.7	-27.9	295.4	15.0	13.5	-6.4	279.9	282.4	0.0	1.1	4.7	114.0
8.0	29.0	2385.4	748.0	-13.3	-57.9	298.4	16.0	14.1	-7.6	282.3	284.1	0.0	1.1	5.0	115.0
8.3	30.0	2487.5	738.0	-12.8	-58.0	300.1	16.4	14.2	-8.3	284.0	284.9	0.0	1.0	5.3	115.0
8.6	31.0	2591.9	728.0	-13.0	-54.3	301.4	16.8	14.4	-8.8	284.8	284.9	0.0	1.6	5.7	115.0
9.0	32.0	2686.7	719.0	-12.9	-51.8	301.7	17.3	14.7	-9.1	286.0	286.1	0.0	2.2	6.1	116.0
9.4	33.0	2782.7	710.0	-13.3	-51.8	301.0	18.0	15.4	-9.3	286.6	286.7	0.0	2.2	6.3	116.0
9.6	34.0	2890.5	700.0	-13.9	-51.9	300.8	18.3	15.7	-9.4	287.1	287.3	0.0	2.3	6.3	116.0
10.0	35.0	2988.7	691.0	-14.3	-31.4	300.7	19.1	16.4	-9.7	287.7	289.0	0.4	21.6	6.8	116.0
10.4	36.0	3110.2	680.0	-15.3	-30.2	300.7	19.7	17.0	-10.1	288.0	289.4	0.5	26.5	7.2	117.0
10.7	37.0	3210.8	671.0	-15.8	-25.8	300.5	20.2	17.4	-10.3	288.5	289.9	0.5	28.7	7.6	117.0
11.1	38.0	3312.5	662.0	-16.2	-25.8	295.8	20.9	18.1	-10.4	289.1	290.6	0.5	29.7	8.1	117.0
11.4	39.0	3415.5	653.0	-16.6	-28.3	299.0	21.5	18.8	-10.4	289.8	291.5	0.6	35.6	8.5	117.0
11.8	40.0	3519.5	644.0	-17.5	-31.6	298.2	22.5	19.8	-10.6	290.0	291.3	0.4	27.7	9.0	117.0
12.3	41.0	3648.5	633.0	-18.3	-33.8	298.0	24.1	21.3	-11.3	290.5	291.6	0.3	24.0	9.7	117.0
12.6	42.0	3743.4	625.0	-18.4	-39.4	298.3	25.1	22.1	-11.9	291.4	292.0	0.2	13.7	10.1	117.0
12.9	43.0	3851.6	616.0	-18.7	-40.7	299.1	25.8	22.5	-12.6	292.3	292.8	0.2	12.2	10.6	117.0
13.3	44.0	3961.3	607.0	-18.8	-42.5	300.4	25.9	22.3	-13.1	293.0	293.8	0.1	10.2	11.2	117.0
13.6	45.0	4060.0	599.0	-19.4	-45.7	301.3	25.5	21.8	-13.3	293.8	294.2	0.1	7.6	11.7	116.0
14.0	46.0	4172.4	590.0	-19.9	-46.7	302.2	24.4	20.7	-13.0	294.5	294.8	0.1	7.1	12.4	118.0
14.4	47.0	4273.7	582.0	-19.9	-51.0	302.3	23.5	19.8	-12.6	295.0	295.3	0.0	4.3	12.9	118.0
14.7	48.0	4376.3	574.0	-20.4	-53.9	302.1	23.2	19.7	-12.4	296.2	296.3	0.0	3.2	13.3	118.0
15.1	49.0	4480.0	566.0	-21.4	-51.7	301.7	23.3	19.8	-12.2	296.2	296.4	0.1	4.5	13.8	118.0

\* BY SPEED MEANS FLVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

7 FEBRUARY 1975  
1115 GMT

187 14. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX WTD GM/KG	RH PCT	RANGE KM	AZ DG
15.4	50.0	4597.9	557.0	-22.6	-51.4	301.3	23.7	20.2	-12.3	296.2	296.4	0.1	5.2	14.3	118.
15.9	51.0	4730.5	547.0	-23.8	-45.7	301.2	24.6	21.0	-12.8	296.3	296.6	0.1	7.1	15.0	119.
16.3	52.0	4824.4	540.0	-24.7	-50.3	301.2	25.6	21.9	-13.2	296.3	296.5	0.1	7.2	15.6	119.
16.6	53.0	4946.6	531.0	-25.5	-50.8	301.2	26.2	22.4	-13.6	296.8	297.0	0.1	7.3	16.0	119.
17.0	54.0	5056.4	523.0	-26.6	-52.1	301.0	26.8	23.0	-13.8	296.8	297.0	0.1	6.9	16.7	119.
17.3	55.0	5153.6	516.0	-27.4	-48.5	301.3	27.1	23.2	-14.1	297.0	297.3	0.1	11.3	17.2	119.
17.8	56.0	5294.1	506.0	-28.7	-47.7	302.5	27.7	23.3	-14.9	297.0	297.4	0.1	13.9	18.0	119.
18.2	57.0	5408.0	498.0	-29.6	-47.8	304.3	28.3	23.4	-15.9	297.3	297.6	0.1	15.0	18.7	119.
18.5	58.0	5508.9	491.0	-30.4	-46.9	305.7	28.8	23.4	-16.8	297.5	297.9	0.1	17.9	19.2	119.
19.1	59.0	5625.6	483.0	-30.9	-44.9	308.4	30.3	23.8	-18.8	298.2	298.7	0.1	23.7	20.2	120.
19.4	60.0	5729.0	476.0	-31.6	-43.8	309.5	31.0	23.9	-19.7	298.7	299.2	0.2	28.3	20.8	120.
19.8	61.0	5833.7	469.0	-32.1	-43.8	311.0	31.3	23.6	-20.5	299.3	299.8	0.2	29.8	21.5	120.
20.2	62.0	5955.1	461.0	-32.6	-44.1	312.6	31.1	22.9	-21.1	300.1	300.7	0.2	30.5	22.3	121.
20.6	63.0	6062.7	454.0	-33.6	-44.3	314.5	30.8	22.0	-21.6	300.3	300.8	0.2	32.7	23.0	121.
21.0	64.0	6187.2	446.0	-34.6	-45.2	316.4	30.7	21.2	-22.2	300.4	300.9	0.1	32.7	23.7	122.
21.4	65.0	6281.6	440.0	-35.6	-46.9	317.6	30.9	20.8	-22.8	300.4	300.9	0.1	30.0	24.4	122.
21.9	66.0	6425.3	431.0	-36.1	-48.2	317.8	31.0	20.8	-23.0	301.5	301.9	0.1	27.2	25.3	123.
22.3	67.0	6538.9	424.0	-36.6	-48.7	317.3	31.3	21.2	-23.0	302.2	302.6	0.1	27.2	26.0	123.
22.7	68.0	6654.1	417.0	-37.3	-49.6	316.9	31.7	21.7	-23.1	302.8	303.2	0.1	26.2	26.7	123.
23.1	69.0	6770.7	410.0	-38.4	-50.8	317.0	32.0	21.8	-23.4	302.9	303.2	0.1	25.3	27.5	124.
23.4	70.0	6889.0	403.0	-39.2	-51.6	317.7	31.8	21.4	-23.5	303.3	303.8	0.1	25.0	28.1	124.
23.9	71.0	7026.1	395.0	-40.2	99.9	319.5	30.7	20.0	-23.3	303.9	999.9	99.9	999.9	29.0	125.
24.4	72.0	7147.8	388.0	-41.4	99.9	320.9	29.9	18.9	-23.2	303.8	999.9	99.9	999.9	29.8	125.
24.7	73.0	7253.4	382.0	-42.1	99.9	321.1	29.9	18.8	-23.3	304.3	999.9	99.9	999.9	30.3	125.
25.2	74.0	7378.4	375.0	-42.9	99.9	321.0	30.5	19.2	-23.7	304.8	999.9	99.9	999.9	31.2	126.
25.5	75.0	7486.9	369.0	-43.8	99.9	320.8	31.0	19.6	-24.0	305.1	999.9	99.9	999.9	31.8	126.
25.9	76.0	7596.9	363.0	-44.5	99.9	320.9	32.4	20.4	-25.1	305.6	999.9	99.9	999.9	32.5	126.
26.4	77.0	7727.1	356.0	-45.3	99.9	321.1	34.6	21.7	-27.0	306.1	999.9	99.9	999.9	33.4	127.
26.7	78.0	7840.4	350.0	-46.0	99.9	321.2	36.0	22.6	-28.1	306.7	999.9	99.9	999.9	34.1	127.
27.2	79.0	7955.2	344.0	-46.6	99.9	321.4	38.0	23.7	-29.6	307.4	999.9	99.9	999.9	35.1	127.
27.5	80.0	8071.8	338.0	-47.5	99.9	321.5	38.8	24.2	-30.3	307.8	999.9	99.9	999.9	35.8	128.
28.0	81.0	8229.8	330.0	-48.4	99.9	321.9	38.5	23.8	-30.3	308.7	999.9	99.9	999.9	37.0	128.
28.4	82.0	8350.4	324.0	-49.3	99.9	322.7	37.0	22.5	-29.4	309.1	999.9	99.9	999.9	37.9	129.
28.9	83.0	8472.7	318.0	-50.0	99.9	323.9	35.0	20.6	-28.3	309.7	999.9	99.9	999.9	39.0	129.
29.4	84.0	8576.2	313.0	-50.8	99.9	324.3	34.5	20.2	-28.0	310.0	999.9	99.9	999.9	39.9	129.
29.8	85.0	8702.0	307.0	-51.5	99.9	323.3	35.6	21.3	-28.5	310.7	999.9	99.9	999.9	40.7	130.
30.4	86.0	8851.5	300.0	-52.2	99.9	320.5	36.8	23.4	-28.4	311.9	999.9	99.9	999.9	42.0	130.
30.8	87.0	8960.1	295.0	-52.9	99.9	318.0	35.5	23.8	-26.4	312.2	999.9	99.9	999.9	42.9	130.
31.3	88.0	9092.6	289.0	-53.2	99.9	314.4	32.7	23.4	-22.9	313.6	999.9	99.9	999.9	44.0	130.
31.7	89.0	9227.7	283.0	-53.4	99.9	312.0	31.1	23.1	-20.8	315.3	999.9	99.9	999.9	44.7	130.
32.2	90.0	9342.3	278.0	-53.9	99.9	310.2	31.2	23.8	-20.1	316.2	999.9	99.9	999.9	45.5	130.
32.6	91.0	9458.8	273.0	-54.2	99.9	309.2	32.7	25.3	-20.6	317.4	999.9	99.9	999.9	46.2	130.
33.0	92.0	9601.2	267.0	-54.4	99.9	308.0	34.5	27.1	-21.2	319.2	999.9	99.9	999.9	47.1	130.
33.4	93.0	9722.4	262.0	-54.4	99.9	306.8	34.5	27.7	-20.7	320.9	999.9	99.9	999.9	48.0	130.
33.9	94.0	9845.9	257.0	-54.4	99.9	305.5	33.2	27.0	-19.2	322.7	999.9	99.9	999.9	49.1	130.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

7 FEBRUARY 1975  
1115 GMT

157 14. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.4	95.0	9971.7	252.0	-54.7	99.9	304.2	32.6	27.0	-18.4	324.0	999.9	99.9	999.9	50.0	130.
35.0	96.0	10126.0	246.0	-54.4	99.9	302.5	35.4	29.8	-19.0	326.8	999.9	99.9	999.9	51.0	130.
35.4	97.0	10257.8	241.0	-53.7	99.9	300.9	37.4	32.1	-19.2	329.6	999.9	99.9	999.9	52.0	130.
35.9	98.0	10392.7	236.0	-53.2	99.9	298.3	37.6	33.1	-17.8	332.3	999.9	99.9	999.9	53.2	130.
36.4	99.0	10530.7	231.0	-52.9	99.9	295.5	36.3	32.8	-15.6	334.9	999.9	99.9	999.9	54.2	129.
36.8	100.0	10672.0	226.0	-52.5	99.9	294.0	36.0	32.9	-14.6	337.7	999.9	99.9	999.9	55.1	129.
37.4	101.0	10816.7	221.0	-52.3	99.9	292.5	37.0	34.2	-14.2	340.1	999.9	99.9	999.9	56.2	129.
37.8	102.0	10965.0	216.0	-51.4	99.9	291.1	38.0	35.4	-13.7	343.8	999.9	99.9	999.9	57.2	129.
38.2	103.0	11117.5	211.0	-50.3	99.9	289.1	38.5	36.3	-12.6	347.7	999.9	99.9	999.9	58.1	128.
38.7	104.0	11242.4	207.0	-50.5	99.9	285.9	38.8	37.3	-10.6	349.4	999.9	99.9	999.9	59.1	128.
39.2	105.0	11401.8	202.0	-50.8	99.9	282.2	38.8	37.9	-8.2	351.4	999.9	99.9	999.9	60.2	127.
39.6	106.0	11532.1	198.0	-50.6	99.9	279.9	39.9	39.9	99.9	353.6	999.9	99.9	999.9	999.9	999.
40.2	107.0	11665.2	194.0	-50.5	99.9	279.9	39.9	39.9	99.9	356.0	999.9	99.9	999.9	999.9	999.
40.7	108.0	11835.4	189.0	-50.8	99.9	279.9	39.9	39.9	99.9	358.1	999.9	99.9	999.9	999.9	999.
41.3	109.0	11974.7	185.0	-50.8	99.9	279.9	39.9	39.9	99.9	360.3	999.9	99.9	999.9	999.9	999.
41.7	110.0	12117.0	181.0	-51.2	99.9	279.9	39.9	39.9	99.9	361.8	999.9	99.9	999.9	999.9	999.
42.4	111.0	12299.1	176.0	-51.2	99.9	279.9	39.9	39.9	99.9	364.8	999.9	99.9	999.9	999.9	999.
42.8	112.0	12448.1	172.0	-52.3	99.9	279.9	39.9	39.9	99.9	365.4	999.9	99.9	999.9	999.9	999.
43.4	113.0	12600.2	168.0	-52.6	99.9	279.9	39.9	39.9	99.9	367.3	999.9	99.9	999.9	999.9	999.
43.8	114.0	12755.7	164.0	-53.1	99.9	279.9	39.9	39.9	99.9	369.1	999.9	99.9	999.9	999.9	999.
44.4	115.0	12874.7	161.0	-53.1	99.9	279.9	39.9	39.9	99.9	371.0	999.9	99.9	999.9	999.9	999.
45.0	116.0	13078.2	156.0	-52.9	99.9	279.9	39.9	39.9	99.9	374.7	999.9	99.9	999.9	999.9	999.
45.5	117.0	13245.6	152.0	-53.2	99.9	279.9	39.9	39.9	99.9	376.9	999.9	99.9	999.9	999.9	999.
46.2	118.0	13373.9	149.0	-53.7	99.9	279.9	39.9	39.9	99.9	378.2	999.9	99.9	999.9	999.9	999.
46.7	119.0	13548.7	145.0	-53.9	99.9	279.9	39.9	39.9	99.9	380.9	999.9	99.9	999.9	999.9	999.
47.2	120.0	13728.1	141.0	-54.5	99.9	279.9	39.9	39.9	99.9	382.9	999.9	99.9	999.9	999.9	999.
47.9	121.0	13865.7	138.0	-54.8	99.9	279.9	39.9	39.9	99.9	384.7	999.9	99.9	999.9	999.9	999.
48.5	122.0	14006.1	135.0	-55.5	99.9	279.9	39.9	39.9	99.9	385.9	999.9	99.9	999.9	999.9	999.
49.1	123.0	14197.4	131.0	-56.3	99.9	279.9	39.9	39.9	99.9	387.8	999.9	99.9	999.9	999.9	999.
49.6	124.0	14344.2	128.0	-57.3	99.9	279.9	39.9	39.9	99.9	388.6	999.9	99.9	999.9	999.9	999.
50.2	125.0	14494.1	125.0	-57.5	99.9	279.9	39.9	39.9	99.9	390.9	999.9	99.9	999.9	999.9	999.
50.7	126.0	14699.2	121.0	-58.2	99.9	279.9	39.9	39.9	99.9	393.3	999.9	99.9	999.9	999.9	999.
51.3	127.0	14857.3	118.0	-58.2	99.9	279.9	39.9	39.9	99.9	396.1	999.9	99.9	999.9	999.9	999.
51.8	128.0	15074.1	114.0	-58.9	99.9	279.9	39.9	39.9	99.9	398.8	999.9	99.9	999.9	999.9	999.
52.4	129.0	15241.6	111.0	-58.7	99.9	279.9	39.9	39.9	99.9	402.2	999.9	99.9	999.9	999.9	999.
53.1	130.0	15413.6	108.0	-58.9	99.9	279.9	39.9	39.9	99.9	405.0	999.9	99.9	999.9	999.9	999.
53.8	131.0	15649.9	104.0	-59.9	99.9	279.9	39.9	39.9	99.9	407.4	999.9	99.9	999.9	999.9	999.
54.5	132.0	15771.3	102.0	-59.6	99.9	279.9	39.9	39.9	99.9	410.3	999.9	99.9	999.9	999.9	999.
55.3	133.0	15957.9	99.0	-60.1	99.9	279.9	39.9	39.9	99.9	412.8	999.9	99.9	999.9	999.9	999.
55.8	134.0	16149.7	96.0	-60.6	99.9	279.9	39.9	39.9	99.9	415.4	999.9	99.9	999.9	999.9	999.
56.4	135.0	16347.3	93.0	-60.6	99.9	279.9	39.9	39.9	99.9	419.2	999.9	99.9	999.9	999.9	999.
57.2	136.0	16551.6	90.0	-60.3	99.9	279.9	39.9	39.9	99.9	423.9	999.9	99.9	999.9	999.9	999.
58.0	137.0	16835.2	86.0	-60.1	99.9	279.9	39.9	39.9	99.9	429.8	999.9	99.9	999.9	999.9	999.
59.0	138.0	17057.2	83.0	-59.4	99.9	279.9	39.9	39.9	99.9	435.6	999.9	99.9	999.9	999.9	999.
59.8	139.0	17287.7	80.0	-59.4	99.9	279.9	39.9	39.9	99.9	440.2	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

7 FEBRUARY 1975  
1115 GMT

157 14. 1

ANGLFS ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.6	140.0	17526.7	77.0	-59.9	99.9	999.9	99.9	99.9	99.9	444.0	999.9	99.9	999.9	999.9	999.
61.6	141.0	17775.3	74.0	-59.2	99.9	999.9	99.9	99.9	99.9	450.5	999.9	99.9	999.9	999.9	999.
62.5	142.0	18123.1	70.0	-59.7	99.9	999.9	99.9	99.9	99.9	456.6	999.9	99.9	999.9	999.9	999.
63.5	143.0	18396.9	67.0	-59.7	99.9	999.9	99.9	99.9	99.9	462.4	999.9	99.9	999.9	999.9	999.
64.4	144.0	18683.1	64.0	-60.1	99.9	999.9	99.9	99.9	99.9	467.7	999.9	99.9	999.9	999.9	999.
65.4	145.0	18981.8	61.0	-61.4	99.9	999.9	99.9	99.9	99.9	471.3	999.9	99.9	999.9	999.9	999.
66.3	146.0	19293.3	58.0	-63.2	99.9	999.9	99.9	99.9	99.9	474.0	999.9	99.9	999.9	999.9	999.
67.3	147.0	19620.2	55.0	-62.8	99.9	999.9	99.9	99.9	99.9	482.1	999.9	99.9	999.9	999.9	999.
68.5	148.0	19965.1	52.0	-63.6	99.9	999.9	99.9	99.9	99.9	488.1	999.9	99.9	999.9	999.9	999.
69.5	149.0	20330.7	49.0	-62.6	99.9	999.9	99.9	99.9	99.9	498.8	999.9	99.9	999.9	999.9	999.
70.7	150.0	20720.3	46.0	-62.6	99.9	999.9	99.9	99.9	99.9	507.8	999.9	99.9	999.9	999.9	999.
72.1	151.0	21136.3	43.0	-62.5	99.9	999.9	99.9	99.9	99.9	518.2	999.9	99.9	999.9	999.9	999.
73.4	152.0	21429.7	41.0	-63.2	99.9	999.9	99.9	99.9	99.9	523.4	999.9	99.9	999.9	999.9	999.
74.7	153.0	21896.3	38.0	-63.8	99.9	999.9	99.9	99.9	99.9	533.5	999.9	99.9	999.9	999.9	999.
76.1	154.0	22399.0	35.0	-65.1	99.9	999.9	99.9	99.9	99.9	542.6	999.9	99.9	999.9	999.9	999.
77.9	155.0	22947.8	32.0	-63.0	99.9	999.9	99.9	99.9	99.9	562.4	999.9	99.9	999.9	999.9	999.
79.8	156.0	23554.8	29.0	-62.3	99.9	999.9	99.9	99.9	99.9	580.5	999.9	99.9	999.9	999.9	999.
81.6	157.0	24225.7	26.0	-64.6	99.9	999.9	99.9	99.9	99.9	592.4	999.9	99.9	999.9	999.9	999.
83.8	158.0	24979.2	23.0	-62.1	99.9	999.9	99.9	99.9	99.9	620.8	999.9	99.9	999.9	999.9	999.
86.0	159.0	25843.3	20.0	-62.1	99.9	251.3	12.0	11.4	3.9	646.2	999.9	99.9	999.9	129.6	109.
89.2	160.0	26857.8	17.0	-58.0	99.9	280.1	28.4	28.0	-5.0	690.0	999.9	99.9	999.9	133.3	109.
92.3	161.0	28083.8	14.0	-57.2	99.9	999.9	99.9	99.9	99.9	732.3	999.9	99.9	999.9	999.9	999.

STATION NO. 451  
DODGE CITY, KAN

5 FEBRUARY 1975  
2315 GMT

149 18. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	791.0	928.5	-10.0	-12.8	10.0	9.3	-1.6	-9.2	269.0	273.0	1.5	80.0	0.0	0.
0.3	13.0	870.2	919.0	-11.1	-15.2	249.3	2.3	2.1	0.8	268.6	272.0	1.3	71.8	0.7	185.
0.6	14.0	962.5	908.0	-12.1	-14.9	294.0	2.1	1.9	-0.9	268.5	272.0	1.3	79.6	0.7	184.
0.9	15.0	1047.1	898.0	-13.0	-15.0	346.3	6.0	1.4	-5.8	268.5	272.0	1.3	84.8	0.7	181.
1.3	16.0	1158.1	885.0	-14.1	-15.2	355.9	11.3	0.8	-11.3	268.4	271.9	1.3	91.1	1.0	180.
1.5	17.0	1253.0	874.0	-14.6	-15.3	357.9	13.8	0.5	-13.8	268.8	272.3	1.3	94.8	1.2	179.
1.9	18.0	1340.4	864.0	-13.5	-15.2	357.6	12.3	0.5	-12.3	270.9	274.5	1.3	86.7	1.4	179.
2.1	19.0	1429.3	854.0	-11.8	-14.2	357.6	11.8	0.5	-11.8	273.6	277.6	1.5	82.5	1.6	179.
2.4	20.0	1519.6	844.0	-11.0	-12.7	357.8	11.6	0.5	-11.6	275.4	280.0	1.7	87.2	1.8	179.
2.7	21.0	1629.8	832.0	-10.5	-11.8	353.9	10.7	1.1	-10.7	277.0	282.0	1.9	90.4	2.0	179.
3.0	22.0	1723.0	822.0	-10.3	-11.2	346.7	9.6	2.2	-9.4	278.3	283.6	2.0	92.9	2.2	179.
3.3	23.0	1817.3	812.0	-10.4	-11.2	336.7	8.7	3.5	-8.0	279.1	284.5	2.0	93.7	2.4	177.
3.6	24.0	1912.7	802.0	-11.0	-11.7	326.9	8.1	4.4	-6.8	279.5	284.7	1.9	94.2	2.5	175.
3.9	25.0	1999.4	793.0	-11.4	-11.8	319.8	7.7	4.9	-5.8	279.9	285.2	2.0	96.9	2.6	174.
4.2	26.0	2126.2	780.0	-11.8	-11.8	310.9	7.1	5.3	-4.6	280.8	286.2	2.0	102.2	2.7	172.
4.5	27.0	2215.2	771.0	-11.5	-11.5	299.9	6.5	5.7	-3.3	282.0	287.6	2.0	102.6	2.8	170.
4.8	28.0	2315.3	761.0	-11.8	-11.8	294.2	6.2	5.7	-2.6	282.8	288.4	2.0	101.6	2.9	168.
5.1	29.0	2406.4	752.0	-12.0	-12.0	290.6	6.1	5.8	-2.2	283.6	289.2	2.0	101.0	2.9	166.
5.4	30.0	2508.8	742.0	-12.7	-12.7	291.8	6.4	5.9	-2.4	283.9	289.3	1.9	100.9	3.0	165.
5.7	31.0	2601.9	733.0	-13.1	-13.1	292.2	6.2	5.7	-2.3	284.4	289.7	1.9	101.5	3.1	163.
5.9	32.0	2706.6	723.0	-13.7	-13.7	292.3	5.9	5.5	-2.2	284.9	290.1	1.8	101.7	3.1	162.
6.3	33.0	2801.8	714.0	-14.4	-14.4	291.4	5.7	5.3	-2.1	285.2	290.1	1.8	101.6	3.2	160.
6.6	34.0	2897.9	705.0	-14.9	-14.9	289.2	5.7	5.4	-1.9	285.6	290.4	1.7	101.2	3.3	159.
6.9	35.0	2995.6	696.0	-13.1	-15.1	284.6	5.9	5.7	-1.5	288.6	293.5	1.7	84.8	3.4	158.
7.2	36.0	3128.2	684.0	-13.0	-16.2	278.9	6.2	6.1	-0.9	290.2	294.8	1.6	76.8	3.4	156.
7.6	37.0	3217.8	676.0	-13.7	-17.0	271.5	6.7	6.7	-0.2	290.4	294.5	1.4	72.5	3.5	154.
7.9	38.0	3319.6	667.0	-14.4	-19.5	267.3	7.2	7.2	0.3	290.7	294.3	1.2	64.6	3.5	152.
8.3	39.0	3422.6	658.0	-14.8	-20.7	264.4	7.8	7.7	0.8	291.3	294.6	1.1	60.6	3.6	149.
8.6	40.0	3526.7	649.0	-15.6	-20.4	263.7	8.2	8.1	0.9	291.6	294.9	1.1	64.3	3.7	147.
9.1	41.0	3643.7	639.0	-16.6	-21.2	265.2	8.7	8.6	0.7	291.8	295.0	1.1	67.1	3.8	144.
9.4	42.0	3750.2	630.0	-17.5	-21.3	266.3	8.8	8.8	0.6	291.8	295.1	1.1	72.1	3.9	142.
9.7	43.0	3857.9	621.0	-18.2	-21.3	266.7	8.9	8.9	0.5	292.3	295.6	1.1	76.4	4.0	140.
10.0	44.0	3954.6	613.0	-18.9	-21.9	266.8	8.9	8.8	0.5	292.6	295.8	1.1	76.6	4.1	138.
10.4	45.0	4052.4	605.0	-19.7	-22.1	267.0	8.7	8.7	0.4	292.7	295.9	1.1	81.0	4.2	136.
10.7	46.0	4163.5	596.0	-20.8	-22.6	268.1	8.6	8.6	0.3	292.7	295.8	1.0	85.3	4.3	134.
11.1	47.0	4263.4	588.0	-21.2	-23.7	270.3	8.4	8.4	-0.0	293.4	296.3	1.0	79.8	4.4	132.
11.4	48.0	4377.1	579.0	-21.8	-26.0	272.2	8.3	8.3	-0.3	293.9	295.9	0.7	57.2	4.6	131.
11.8	49.0	4479.5	571.0	-22.4	-29.6	274.2	8.1	8.0	-0.6	294.4	296.2	0.6	51.5	4.7	130.
12.1	50.0	4582.9	563.0	-23.5	-30.6	275.2	7.9	7.9	-0.7	294.3	296.0	0.5	51.8	4.8	129.
12.5	51.0	4713.8	553.0	-24.4	-31.4	275.8	7.9	7.8	-0.8	294.7	296.3	0.5	52.0	5.0	128.
12.9	52.0	4819.9	545.0	-24.9	-30.7	275.0	8.1	8.0	-0.7	295.3	297.0	0.5	58.4	5.2	127.
13.2	53.0	4927.2	537.0	-25.8	-34.2	273.7	8.2	8.2	-0.5	295.4	296.7	0.4	45.0	5.3	126.
13.6	54.0	5035.8	529.0	-26.6	-34.0	271.2	8.2	8.2	-0.2	295.8	297.0	0.4	49.5	5.5	125.
13.9	55.0	5145.6	521.0	-27.7	-37.0	268.5	7.9	7.9	0.2	295.8	296.7	0.3	40.5	5.6	124.
14.4	56.0	5284.6	511.0	-29.0	-46.0	265.9	7.2	7.2	0.5	295.8	296.2	0.1	17.4	5.8	122.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

5 FEBRUARY 1975  
2315 GMT

149 18. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.8	57.0	5397.2	503.0	-30.1	-46.6	268.3	6.7	6.7	0.2	295.8	296.2	0.1	18.1	5.9	121.
15.1	58.0	5511.2	495.0	-30.8	-47.7	272.2	6.3	6.3	-0.2	296.4	296.7	0.1	17.0	6.0	120.
15.5	59.0	5626.6	487.0	-31.8	-48.0	279.2	6.2	6.1	-1.0	296.4	296.8	0.1	18.2	6.1	120.
15.9	60.0	5743.5	479.0	-32.6	-48.1	283.4	6.3	6.1	-1.5	296.9	297.2	0.1	19.4	6.3	120.
16.2	61.0	5847.0	472.0	-33.7	-48.8	285.3	6.4	6.2	-1.7	296.8	297.1	0.1	20.0	6.4	119.
16.7	62.0	5966.7	464.0	-34.6	-48.7	287.1	6.7	6.4	-2.0	297.1	297.4	0.1	22.1	6.6	119.
17.0	63.0	6072.6	457.0	-35.8	-48.2	287.9	6.9	6.5	-2.1	296.8	297.2	0.1	26.5	6.7	119.
17.5	64.0	6179.8	450.0	-36.5	-48.8	288.1	7.5	7.1	-2.3	297.3	297.6	0.1	26.5	6.9	119.
17.8	65.0	6288.3	443.0	-37.2	-48.8	286.5	7.8	7.5	-2.2	297.8	298.1	0.1	28.4	7.0	118.
18.2	66.0	6429.8	434.0	-38.4	-49.2	283.4	8.1	7.9	-1.9	298.0	298.3	0.1	30.5	7.2	118.
18.7	67.0	6541.3	427.0	-39.5	-47.4	277.8	8.4	8.3	-1.1	298.0	298.4	0.1	42.5	7.5	118.
19.0	68.0	6654.2	420.0	-40.5	99.9	274.1	8.6	8.6	-0.6	298.2	999.9	99.9	999.9	7.6	117.
19.5	69.0	6768.5	413.0	-41.4	99.9	269.2	9.3	9.3	0.1	298.4	999.9	99.9	999.9	7.8	116.
19.8	70.0	6884.3	406.0	-42.6	99.9	267.0	9.7	9.7	0.5	298.4	999.9	99.9	999.9	8.0	116.
20.2	71.0	7035.4	397.0	-43.6	99.9	264.6	10.4	10.4	1.0	299.0	999.9	99.9	999.9	8.2	115.
20.6	72.0	7137.5	391.0	-44.7	99.9	262.6	11.2	11.1	1.4	298.9	999.9	99.9	999.9	8.4	114.
21.0	73.0	7258.1	384.0	-46.0	99.9	261.0	12.0	11.9	1.9	298.7	999.9	99.9	999.9	8.6	113.
21.3	74.0	7380.2	377.0	-46.9	99.9	259.4	12.6	12.4	2.3	299.1	999.9	99.9	999.9	8.8	112.
21.6	75.0	7486.2	371.0	-48.2	99.9	257.6	13.2	12.9	2.8	298.7	999.9	99.9	999.9	9.1	111.
22.0	76.0	7611.5	364.0	-49.3	99.9	254.6	13.7	13.2	3.6	298.9	999.9	99.9	999.9	9.3	110.
22.4	77.0	7720.2	358.0	-50.3	99.9	251.9	14.0	13.3	4.4	298.9	999.9	99.9	999.9	9.6	109.
22.7	78.0	7830.2	352.0	-51.7	99.9	250.3	14.2	13.3	4.8	298.5	999.9	99.9	999.9	9.8	108.
23.0	79.0	7960.2	345.0	-52.5	99.9	248.9	14.3	13.3	5.1	299.2	999.9	99.9	999.9	10.0	107.
23.4	80.0	8073.3	339.0	-53.6	99.9	247.8	14.5	13.4	5.4	299.1	999.9	99.9	999.9	10.3	106.
23.9	81.0	8226.4	331.0	-55.1	99.9	247.9	15.2	14.1	5.7	299.2	999.9	99.9	999.9	10.6	104.
24.2	82.0	8343.0	325.0	-56.1	99.9	249.4	15.8	14.8	5.6	299.4	999.9	99.9	999.9	10.8	104.
24.7	83.0	8461.5	319.0	-55.9	99.9	254.1	16.9	16.3	4.6	301.2	999.9	99.9	999.9	11.2	102.
25.1	84.0	8582.5	313.0	-55.2	99.9	259.3	17.9	17.6	3.3	303.8	999.9	99.9	999.9	11.6	101.
25.5	85.0	8685.7	308.0	-53.3	99.9	264.6	19.0	18.9	1.8	307.9	999.9	99.9	999.9	12.0	101.
26.0	86.0	8855.3	300.0	-53.0	99.9	268.5	20.0	20.0	0.5	310.7	999.9	99.9	999.9	12.6	100.
26.5	87.0	8985.8	294.0	-52.3	99.9	270.1	20.9	20.9	-0.1	313.4	999.9	99.9	999.9	13.2	99.
26.9	88.0	9096.7	289.0	-52.5	99.9	270.5	21.8	21.8	-0.2	314.7	999.9	99.9	999.9	13.7	99.
27.3	89.0	9232.3	283.0	-52.5	99.9	270.7	22.8	22.8	-0.3	316.6	999.9	99.9	999.9	14.2	99.
27.7	90.0	9347.6	278.0	-52.3	99.9	270.9	23.8	23.8	-0.4	318.4	999.9	99.9	999.9	14.8	99.
28.2	91.0	9488.6	272.0	-52.5	99.9	271.5	25.1	25.1	-0.6	320.2	999.9	99.9	999.9	15.5	98.
28.7	92.0	9608.6	267.0	-52.5	99.9	272.2	26.4	26.4	-1.0	321.9	999.9	99.9	999.9	16.3	98.
29.1	93.0	9755.4	261.0	-52.5	99.9	272.8	27.2	27.2	-1.3	324.0	999.9	99.9	999.9	17.0	98.
29.6	94.0	9880.7	256.0	-51.7	99.9	273.5	28.1	28.1	-1.7	327.0	999.9	99.9	999.9	17.8	97.
30.1	95.0	10008.7	251.0	-51.4	99.9	274.2	29.3	29.2	-2.1	329.3	999.9	99.9	999.9	18.6	97.
30.7	96.0	10165.9	245.0	-51.2	99.9	274.5	30.5	30.4	-2.4	331.8	999.9	99.9	999.9	19.7	97.
31.2	97.0	10327.1	239.0	-51.2	99.9	274.5	30.9	30.8	-2.4	334.2	999.9	99.9	999.9	20.7	97.
31.7	98.0	10464.4	234.0	-51.7	99.9	275.2	31.3	31.2	-2.8	335.5	999.9	99.9	999.9	21.6	97.
32.1	99.0	10576.2	230.0	-51.7	99.9	276.4	32.0	31.8	-3.6	337.1	999.9	99.9	999.9	22.3	97.
32.6	100.0	10718.8	225.0	-51.7	99.9	278.3	32.8	32.5	-4.8	339.3	999.9	99.9	999.9	23.3	97.
33.2	101.0	10924.0	218.0	-51.2	99.9	280.5	32.8	32.2	-6.0	343.1	999.9	99.9	999.9	24.5	97.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 451  
DODGE CITY, KAN

5 FEBRUARY 1975  
2315 GMT

149 10. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.8	102.0	11044.3	214.0	-51.6	99.9	281.6	32.5	31.8	-6.5	344.4	999.9	99.9	999.9	25.7	97.
34.2	103.0	11197.6	209.0	-51.7	99.9	281.7	32.4	31.8	-6.6	346.5	999.9	99.9	999.9	26.4	97.
34.8	104.0	11322.9	205.0	-51.9	99.9	281.4	31.9	31.3	-6.3	348.2	999.9	99.9	999.9	27.6	98.
35.2	105.0	11482.8	200.0	-52.5	99.9	281.1	31.1	30.5	-6.0	349.6	999.9	99.9	999.9	28.4	98.
35.8	106.0	11613.4	196.0	-52.3	99.9	280.5	29.3	28.8	-5.3	351.9	999.9	99.9	999.9	29.5	98.
36.3	107.0	11780.2	191.0	-53.1	99.9	279.4	28.2	27.9	-4.6	353.3	999.9	99.9	999.9	30.3	98.
36.9	108.0	11916.5	187.0	-53.5	99.9	277.5	28.7	28.5	-3.7	354.9	999.9	99.9	999.9	31.3	98.
37.3	109.0	12055.4	183.0	-54.3	99.9	276.8	30.0	29.8	-3.5	355.8	999.9	99.9	999.9	32.0	98.
37.9	110.0	12196.9	179.0	-54.8	99.9	277.7	31.3	31.0	-4.2	357.2	999.9	99.9	999.9	33.1	98.
38.5	111.0	12414.6	173.0	-55.1	99.9	279.5	31.6	31.2	-5.2	360.2	999.9	99.9	999.9	34.3	98.
39.1	112.0	12564.4	169.0	-54.9	99.9	279.0	32.2	31.8	-5.0	362.9	999.9	99.9	999.9	35.4	98.
39.7	113.0	12717.6	165.0	-54.6	99.9	277.1	32.3	32.1	-4.0	365.9	999.9	99.9	999.9	36.6	98.
40.2	114.0	12874.7	161.0	-54.6	99.9	275.4	31.4	31.3	-2.9	368.5	999.9	99.9	999.9	37.6	98.
40.9	115.0	13035.6	157.0	-54.9	99.9	273.9	31.5	31.4	-2.2	370.6	999.9	99.9	999.9	38.8	98.
41.5	116.0	13200.6	153.0	-55.1	99.9	274.4	33.5	33.4	-2.6	373.1	999.9	99.9	999.9	40.0	98.
42.1	117.0	13370.0	149.0	-54.4	99.9	276.0	34.4	34.2	-3.6	377.0	999.9	99.9	999.9	41.2	98.
42.7	118.0	13544.7	145.0	-53.6	99.9	277.7	34.1	33.8	-4.6	381.4	999.9	99.9	999.9	42.5	98.
43.2	119.0	13724.7	141.0	-53.3	99.9	278.8	33.4	33.0	-5.1	385.0	999.9	99.9	999.9	43.5	98.
43.9	120.0	13863.2	138.0	-53.3	99.9	279.8	32.1	31.6	-5.5	387.4	999.9	99.9	999.9	44.8	98.
44.5	121.0	14052.9	134.0	-52.7	99.9	280.1	31.5	31.0	-5.5	391.8	999.9	99.9	999.9	46.0	98.
45.1	122.0	14199.1	131.0	-52.7	99.9	280.2	31.6	31.1	-5.6	394.3	999.9	99.9	999.9	47.1	98.
45.7	123.0	14399.3	127.0	-52.8	99.9	280.3	31.6	31.1	-5.6	397.6	999.9	99.9	999.9	48.3	98.
46.4	124.0	14553.9	124.0	-52.2	99.9	280.1	31.0	30.5	-5.4	401.4	999.9	99.9	999.9	49.6	98.
47.0	125.0	14712.3	121.0	-52.5	99.9	279.2	29.7	29.4	-4.7	403.7	999.9	99.9	999.9	50.7	98.
47.8	126.0	14929.4	117.0	-52.8	99.9	276.8	27.7	27.5	-3.3	407.0	999.9	99.9	999.9	52.1	98.
48.4	127.0	15096.8	114.0	-53.3	99.9	274.5	28.2	28.1	-2.2	409.1	999.9	99.9	999.9	53.0	98.
49.0	128.0	15327.1	110.0	-52.8	99.9	271.9	30.2	30.2	-1.0	414.2	999.9	99.9	999.9	54.0	98.
49.5	129.0	15504.9	107.0	-54.4	99.9	270.1	29.8	29.8	-0.0	414.5	999.9	99.9	999.9	55.0	98.
50.1	130.0	15686.6	104.0	-55.7	99.9	269.3	25.6	25.6	0.3	415.4	999.9	99.9	999.9	56.1	97.
50.9	131.0	15936.5	100.0	-55.4	99.9	272.6	23.3	23.3	-1.0	420.7	999.9	99.9	999.9	57.0	97.
51.5	132.0	16130.9	97.0	-55.1	99.9	275.9	25.3	25.2	-2.6	425.0	999.9	99.9	999.9	57.9	97.
52.1	133.0	16331.5	94.0	-55.2	99.9	276.4	26.4	26.2	-2.9	428.5	999.9	99.9	999.9	58.9	97.
52.6	134.0	16468.5	92.0	-56.1	99.9	274.5	26.8	26.8	-2.1	429.5	999.9	99.9	999.9	59.7	97.
53.2	135.0	16679.3	89.0	-56.2	99.9	270.9	27.6	27.6	-0.4	433.3	999.9	99.9	999.9	60.7	97.
54.1	136.0	16970.6	85.0	-57.4	99.9	270.6	28.1	28.1	-0.3	436.6	999.9	99.9	999.9	62.2	97.
54.8	137.0	17197.4	82.0	-57.9	99.9	274.3	30.0	29.9	-2.2	440.1	999.9	99.9	999.9	63.3	97.
55.6	138.0	17431.2	79.0	-60.1	99.9	278.1	33.1	32.8	-4.6	440.4	999.9	99.9	999.9	64.9	97.
56.5	139.0	17754.2	75.0	-61.7	99.9	282.3	30.5	29.8	-6.5	443.5	999.9	99.9	999.9	66.7	97.
57.2	140.0	18006.1	72.0	-63.2	99.9	283.3	26.0	25.3	-6.0	445.5	999.9	99.9	999.9	67.9	97.
58.0	141.0	18267.6	69.0	-63.6	99.9	284.4	24.5	23.7	-6.1	450.1	999.9	99.9	999.9	68.9	97.
58.9	142.0	18540.0	66.0	-64.2	99.9	287.1	23.7	22.6	-7.0	454.6	999.9	99.9	999.9	70.4	97.
60.0	143.0	18729.9	64.0	-60.8	99.9	291.9	20.9	19.4	-7.8	466.1	999.9	99.9	999.9	71.7	98.
61.0	144.0	19029.1	61.0	-59.9	99.9	289.5	25.5	24.0	-8.5	474.6	999.9	99.9	999.9	72.9	98.
61.9	145.0	19343.6	58.0	-60.6	99.9	285.2	21.2	20.4	-5.6	479.9	999.9	99.9	999.9	74.6	98.
62.7	146.0	19673.6	55.0	-61.5	99.9	285.0	15.7	15.1	-4.1	485.1	999.9	99.9	999.9	75.1	98.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

5 FEBRUARY 1975  
2315 GMT

149 18. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.9	147.0	20020.6	52.0	-62.3	99.9	288.3	18.7	17.7	-5.9	491.2	999.9	99.9	999.9	76.6	98.
65.3	148.0	20263.4	50.0	-61.3	99.9	298.7	7.0	6.2	-3.4	498.9	999.9	99.9	999.9	77.4	98.
66.4	149.0	20646.5	47.0	-61.7	99.9	270.6	19.3	19.3	-0.2	506.9	999.9	99.9	999.9	78.1	98.
67.4	150.0	21054.9	44.0	-62.3	99.9	277.8	22.5	22.3	-3.0	515.2	999.9	99.9	999.9	79.6	98.
68.6	151.0	21490.9	41.0	-62.5	99.9	285.3	12.6	12.1	-3.3	525.3	999.9	99.9	999.9	80.9	98.
70.1	152.0	21799.9	39.0	-61.9	99.9	284.5	17.4	16.8	-4.4	534.3	999.9	99.9	999.9	81.9	99.
71.5	153.0	22293.2	36.0	-63.6	99.9	273.8	18.6	18.6	-1.2	542.2	999.9	99.9	999.9	83.7	99.
73.0	154.0	22643.8	34.0	-63.8	99.9	283.4	13.9	13.5	-3.2	550.6	999.9	99.9	999.9	85.1	99.
74.5	155.0	23209.7	31.0	-64.2	99.9	302.4	7.4	6.2	-3.9	564.3	999.9	99.9	999.9	86.0	99.
76.2	156.0	23830.5	28.0	-65.6	99.9	287.2	14.2	13.6	-4.2	577.1	999.9	99.9	999.9	87.0	99.
78.0	157.0	24280.3	26.0	-66.2	99.9	294.2	14.2	13.0	-5.8	587.7	999.9	99.9	999.9	88.1	99.
80.1	158.0	25029.2	23.0	-63.0	99.9	291.0	19.1	17.8	-6.8	618.0	999.9	99.9	999.9	90.8	99.
82.1	159.0	25587.2	21.0	-64.4	99.9	297.2	16.0	14.3	-7.3	630.2	999.9	99.9	999.9	92.3	100.
84.8	160.0	26538.7	18.0	-60.4	99.9	999.9	99.9	99.9	99.9	671.1	999.9	99.9	999.9	999.9	999.

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
515 GMT

143 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.7	791.0	932.2	-11.7	-16.0	350.0	6.7	1.2	-6.6	266.9	270.0	1.2	70.0	0.0	0.
0.3	12.0	817.4	929.0	-11.5	-16.8	351.6	13.7	2.0	-13.6	267.4	270.3	1.1	64.6	0.2	169.
0.5	13.0	900.3	919.0	-12.1	-17.1	351.6	13.7	2.0	-13.6	267.6	270.5	1.1	65.7	0.2	169.
0.7	14.0	983.9	909.0	-12.6	-17.7	350.9	13.2	2.1	-13.0	267.9	270.7	1.0	65.7	0.4	170.
1.0	15.0	1076.7	898.0	-13.3	-18.2	349.6	12.4	2.2	-12.2	268.1	270.8	1.0	66.5	0.6	171.
1.4	16.0	1187.6	885.0	-14.2	-18.8	344.4	11.2	3.0	-10.8	268.3	270.9	1.0	67.5	0.9	170.
1.8	17.0	1273.8	875.0	-14.9	-19.4	340.0	11.2	3.8	-10.5	268.5	271.0	0.9	67.9	1.1	168.
2.1	18.0	1360.6	865.0	-15.5	-19.4	338.0	11.8	4.4	-11.0	268.6	271.2	0.9	72.2	1.3	166.
2.4	19.0	1448.3	855.0	-16.2	-18.4	337.4	13.2	5.1	-12.2	268.8	271.6	1.0	83.1	1.6	165.
2.7	20.0	1536.8	845.0	-17.1	-18.7	337.7	14.1	5.4	-13.1	268.8	271.6	1.0	87.1	1.8	164.
2.9	21.0	1643.9	833.0	-18.1	-19.4	338.0	14.5	5.4	-13.5	268.8	271.5	1.0	89.9	2.0	163.
3.3	22.0	1734.1	823.0	-18.7	-20.1	336.6	14.0	5.6	-12.8	269.1	271.7	0.9	88.6	2.3	163.
3.5	23.0	1825.5	813.0	-17.5	-18.6	335.5	13.5	5.6	-12.3	271.4	274.3	1.1	90.5	2.5	162.
3.7	24.0	1918.4	803.0	-16.5	-18.1	331.6	14.6	7.0	-12.9	273.4	276.5	1.1	87.6	2.7	162.
4.2	25.0	2003.3	794.0	-15.4	-17.1	322.7	16.9	10.3	-13.5	275.5	278.9	1.3	86.9	3.1	160.
4.4	26.0	2128.1	781.0	-15.4	-17.2	318.9	17.5	11.5	-13.2	276.8	280.3	1.3	86.1	3.3	159.
4.6	27.0	2215.9	772.0	-14.0	-14.9	316.2	17.5	12.1	-12.6	279.2	283.5	1.6	93.0	3.5	157.
5.0	28.0	2315.1	762.0	-13.0	-14.1	312.4	16.1	11.9	-10.9	281.3	286.0	1.7	92.0	3.9	155.
5.4	29.0	2405.7	753.0	-13.3	-14.3	318.9	15.2	10.0	-11.4	282.0	286.6	1.7	92.1	4.3	153.
5.6	30.0	2507.4	743.0	-14.2	-14.8	322.5	15.1	9.2	-12.0	282.1	286.6	1.6	94.5	4.4	152.
6.0	31.0	2599.9	734.0	-14.3	-14.7	329.7	15.9	8.0	-13.7	283.0	287.6	1.7	97.1	4.8	152.
6.4	32.0	2704.2	724.0	-13.5	-13.5	334.2	17.1	7.4	-15.4	285.0	290.2	1.9	102.0	5.2	152.
6.6	33.0	2799.5	715.0	-13.2	-13.2	335.6	17.3	7.1	-15.7	286.4	291.8	1.9	102.1	5.4	152.
7.1	34.0	2896.0	706.0	-13.5	-13.5	337.1	16.7	6.5	-15.3	287.1	292.5	1.9	101.7	5.9	153.
7.4	35.0	2993.6	697.0	-13.9	-13.9	337.5	16.6	6.3	-15.3	287.7	293.0	1.9	100.2	6.2	153.
7.8	36.0	3114.5	686.0	-14.3	-14.4	337.2	16.5	6.4	-15.2	288.5	293.7	1.8	98.9	6.6	153.
8.3	37.0	3214.6	677.0	-15.0	-15.1	336.2	16.1	6.5	-14.7	288.8	293.8	1.8	99.5	7.1	153.
8.4	38.0	3315.8	668.0	-15.3	-15.6	336.0	16.0	6.5	-14.6	289.6	294.5	1.7	97.4	7.2	154.
8.7	39.0	3418.3	659.0	-16.0	-16.7	335.4	15.4	6.4	-14.0	289.9	294.4	1.6	93.7	7.5	154.
9.0	40.0	3521.9	650.0	-16.4	-17.0	334.9	14.6	6.2	-13.2	290.6	295.1	1.5	94.5	7.8	154.
9.4	41.0	3638.3	640.0	-17.5	-17.9	335.1	13.7	5.8	-12.5	290.6	294.9	1.5	96.1	8.1	154.
9.7	42.0	3744.3	631.0	-18.1	-19.1	335.5	13.2	5.5	-12.1	291.0	294.9	1.3	92.2	8.3	154.
10.0	43.0	3839.6	623.0	-18.6	-22.6	336.0	12.9	5.2	-11.7	291.6	294.6	1.0	70.5	8.6	154.
10.4	44.0	3948.1	614.0	-19.2	-23.2	336.4	12.6	5.1	-11.6	292.0	294.9	1.0	70.6	8.9	154.
10.7	45.0	4057.8	605.0	-20.0	-25.1	336.6	12.5	5.0	-11.5	292.3	294.8	0.8	63.8	9.1	154.
11.1	46.0	4156.3	597.0	-20.9	-27.3	336.8	12.4	4.9	-11.4	292.5	294.5	0.7	56.1	9.4	154.
11.4	47.0	4268.5	588.0	-21.5	-27.1	336.8	12.0	4.7	-11.0	292.9	295.1	0.7	60.3	9.6	154.
11.7	48.0	4369.4	580.0	-22.2	-29.6	336.4	11.6	4.6	-10.6	293.3	295.0	0.6	50.5	9.9	154.
12.1	49.0	4471.3	572.0	-23.1	-30.5	335.5	11.1	4.6	-10.1	293.4	295.0	0.5	50.7	10.1	154.
12.5	50.0	4574.4	564.0	-23.8	-31.6	334.0	11.3	5.0	-10.2	293.8	295.3	0.5	48.4	10.3	154.
12.9	51.0	4704.8	554.0	-24.9	-33.5	332.2	12.6	5.9	-11.1	294.0	295.3	0.4	44.3	10.6	154.
13.3	52.0	4810.4	546.0	-25.5	-34.4	330.3	13.6	6.7	-11.8	294.4	295.6	0.4	42.8	10.9	154.
13.7	53.0	4930.8	537.0	-26.6	-36.7	328.2	14.0	7.4	-11.9	294.5	295.5	0.3	37.6	11.3	154.
14.0	54.0	5039.0	529.0	-27.5	-38.1	326.5	13.9	7.7	-11.6	294.7	295.6	0.3	35.3	11.6	154.
14.4	55.0	5134.7	522.0	-28.2	-39.2	323.7	13.0	7.7	-10.5	295.0	295.8	0.2	33.6	11.9	154.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
515 GNT

143 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.9	56.0	5273.2	512.0	-29.5	-40.4	319.7	12.1	7.8	-9.2	295.1	295.8	0.2	33.6	12.3	153.
15.4	57.0	5385.3	504.0	-30.6	-41.2	315.1	11.9	8.4	-8.4	295.1	295.8	0.2	34.1	12.5	153.
15.7	58.0	5484.5	497.0	-31.5	-41.8	312.0	12.0	8.9	-8.1	295.1	295.8	0.2	34.9	12.8	153.
16.1	59.0	5599.3	489.0	-32.1	-41.9	308.2	12.2	9.6	-7.5	295.7	296.3	0.2	36.9	13.1	152.
16.5	60.0	5715.4	481.0	-33.3	-42.7	305.2	12.1	9.9	-7.0	295.6	296.2	0.2	37.9	13.3	151.
16.9	61.0	5818.3	474.0	-34.0	-43.0	305.8	12.0	9.7	-7.0	296.0	296.6	0.2	39.5	13.5	151.
17.3	62.0	5922.2	467.0	-35.3	-44.0	308.7	11.8	9.2	-7.4	295.6	296.2	0.2	40.5	13.8	150.
17.7	63.0	6042.4	459.0	-36.2	-44.8	312.7	11.4	8.4	-7.8	296.1	296.6	0.1	40.1	14.1	150.
18.2	64.0	6148.8	452.0	-37.2	-46.2	317.4	11.2	7.5	-8.2	296.0	296.5	0.1	38.4	14.4	150.
18.7	65.0	6256.4	445.0	-38.2	-47.0	320.2	11.4	7.3	-8.7	296.1	296.6	0.1	38.5	14.7	149.
19.2	66.0	6396.7	436.0	-39.6	-48.2	321.3	11.9	7.4	-9.3	296.1	296.5	0.1	39.0	15.1	149.
19.5	67.0	6507.2	429.0	-40.5	-49.9	321.4	12.2	7.6	-9.5	296.4	296.9	99.9	999.9	15.3	149.
20.0	68.0	6619.0	422.0	-41.6	-50.9	320.1	12.2	7.8	-9.3	296.3	296.9	99.9	999.9	15.7	149.
20.4	69.0	6732.2	415.0	-42.6	-51.9	318.0	11.6	7.8	-8.6	296.5	296.9	99.9	999.9	16.0	149.
20.9	70.0	6846.8	408.0	-43.6	-52.9	313.7	10.9	7.9	-7.5	296.7	296.9	99.9	999.9	16.3	149.
21.4	71.0	6979.7	400.0	-44.7	-53.9	307.3	10.7	8.5	-6.5	296.9	296.9	99.9	999.9	16.6	148.
21.8	72.0	7097.5	393.0	-45.9	-54.9	302.4	10.9	9.2	-5.8	296.9	296.9	99.9	999.9	16.8	148.
22.2	73.0	7216.9	386.0	-46.9	-55.9	299.0	11.1	9.7	-5.4	297.1	296.9	99.9	999.9	17.1	147.
22.6	74.0	7337.8	379.0	-48.2	-56.9	297.0	11.1	9.9	-5.0	296.9	296.9	99.9	999.9	17.3	147.
23.0	75.0	7442.8	373.0	-48.8	-57.9	295.7	10.8	9.7	-4.7	297.4	296.9	99.9	999.9	17.5	147.
23.5	76.0	7566.9	366.0	-50.2	-58.9	294.4	10.1	9.2	-4.2	297.2	296.9	99.9	999.9	17.8	146.
23.9	77.0	7674.5	360.0	-51.4	-59.9	293.5	9.9	9.1	-4.0	297.0	296.9	99.9	999.9	18.0	146.
24.3	78.0	7783.5	354.0	-52.0	-60.9	292.7	10.6	9.8	-4.1	297.6	296.9	99.9	999.9	18.2	145.
24.7	79.0	7912.5	347.0	-53.3	-61.9	293.1	12.0	11.0	-4.7	297.6	296.9	99.9	999.9	18.4	145.
25.2	80.0	8024.6	341.0	-54.3	-62.9	295.9	14.1	12.7	-6.2	297.8	296.9	99.9	999.9	18.7	144.
25.6	81.0	8176.4	333.0	-55.4	-63.9	298.8	15.6	13.7	-7.5	298.2	296.9	99.9	999.9	19.0	144.
26.0	82.0	8292.2	327.0	-55.9	-64.9	301.0	16.5	14.1	-8.5	299.1	296.9	99.9	999.9	19.4	143.
26.4	83.0	8410.2	321.0	-55.4	-65.9	300.3	16.9	14.6	-8.5	301.4	296.9	99.9	999.9	19.8	143.
26.8	84.0	8530.8	315.0	-54.4	-66.9	299.4	17.8	15.6	-8.8	304.4	296.9	99.9	999.9	20.2	142.
27.4	85.0	8654.2	309.0	-53.8	-67.9	298.7	20.6	18.0	-9.9	306.9	296.9	99.9	999.9	20.7	142.
27.6	86.0	8801.6	302.0	-53.1	-68.9	298.2	21.5	19.0	-10.2	309.9	296.9	99.9	999.9	20.9	141.
28.0	87.0	8931.1	296.0	-52.8	-69.9	296.4	23.2	20.8	-10.3	312.1	296.9	99.9	999.9	21.6	141.
28.4	88.0	9041.0	291.0	-52.7	-70.9	293.1	24.1	22.1	-9.5	313.8	296.9	99.9	999.9	22.0	140.
28.8	89.0	9175.9	285.0	-51.7	-71.9	291.3	25.0	23.3	-9.1	317.1	296.9	99.9	999.9	22.6	139.
29.4	90.0	9290.8	280.0	-51.4	-72.9	292.0	26.8	24.8	-10.0	319.1	296.9	99.9	999.9	23.3	138.
29.8	91.0	9431.5	274.0	-51.1	-73.9	293.1	28.0	25.8	-11.0	321.6	296.9	99.9	999.9	24.0	138.
30.4	92.0	9551.5	269.0	-50.3	-74.9	292.6	29.3	27.0	-11.3	324.4	296.9	99.9	999.9	24.9	137.
30.8	93.0	9699.0	263.0	-49.6	-75.9	290.8	29.7	27.7	-10.6	327.6	296.9	99.9	999.9	25.6	136.
31.3	94.0	9824.7	258.0	-49.4	-76.9	289.1	30.1	28.4	-9.9	329.6	296.9	99.9	999.9	26.4	135.
31.7	95.0	9952.7	253.0	-50.3	-77.9	289.0	30.5	28.8	-9.9	330.1	296.9	99.9	999.9	27.0	134.
32.3	96.0	10108.9	247.0	-51.6	-78.9	290.5	30.8	28.8	-10.8	330.5	296.9	99.9	999.9	28.1	133.
32.9	97.0	10241.9	242.0	-50.8	-79.9	292.1	30.6	28.3	-11.5	333.6	296.9	99.9	999.9	29.1	133.
33.4	98.0	10405.6	236.0	-50.3	-80.9	292.1	29.8	27.6	-11.2	336.7	296.9	99.9	999.9	29.9	132.
34.0	99.0	10545.6	231.0	-49.6	-81.9	289.8	28.4	26.7	-9.6	340.0	296.9	99.9	999.9	31.0	131.
34.7	100.0	10659.8	227.0	-50.2	-82.9	288.6	29.7	28.1	-9.5	340.7	296.9	99.9	999.9	32.0	131.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
515 GMT

143 37. 0

TIME MIN	CNTCT	HEIGHT GPM	FRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.3	101.0	10834.4	221.0	-51.1	95.9	290.5	33.6	31.5	-11.8	341.9	999.9	99.9	999.9	33.0	130.
35.7	102.0	10983.1	216.0	-51.4	95.9	290.9	35.7	33.4	-12.7	343.7	999.9	99.9	999.9	33.8	129.
36.3	103.0	11135.2	211.0	-51.6	95.9	289.4	35.8	33.7	-11.9	345.8	999.9	99.9	999.9	35.2	129.
36.6	104.0	11259.3	207.0	-51.9	99.9	288.8	34.8	33.0	-11.2	347.2	999.9	99.9	999.9	35.9	128.
37.3	105.0	11417.5	202.0	-52.7	99.9	289.3	33.3	31.5	-11.0	348.4	999.9	99.9	999.9	37.0	128.
37.6	106.0	11579.3	197.0	-52.8	99.9	289.4	33.1	31.2	-11.0	350.6	999.9	99.9	999.9	37.7	127.
38.3	107.0	11711.5	193.0	-53.5	95.9	288.7	31.3	29.6	-10.0	351.7	999.9	99.9	999.9	39.0	127.
38.7	108.0	11846.3	189.0	-53.5	95.9	288.9	30.1	28.5	-9.8	353.8	999.9	99.9	999.9	39.7	126.
39.3	109.0	11983.8	185.0	-53.9	95.9	290.5	29.9	28.0	-10.5	355.2	999.9	99.9	999.9	40.6	126.
39.7	110.0	12123.9	181.0	-54.4	95.9	291.6	30.3	28.2	-11.2	356.6	999.9	99.9	999.9	41.3	126.
40.4	111.0	12339.4	175.0	-55.6	99.9	293.2	30.7	28.2	-12.1	358.2	999.9	99.9	999.9	42.5	125.
40.8	112.0	12486.6	171.0	-55.9	99.9	293.0	30.7	28.2	-12.0	360.0	999.9	99.9	999.9	43.3	125.
41.4	113.0	12637.1	167.0	-56.4	99.9	290.8	29.6	27.7	-10.5	361.6	999.9	99.9	999.9	44.4	125.
41.9	114.0	12791.0	163.0	-56.2	99.9	288.6	28.3	26.8	-9.0	364.4	999.9	99.9	999.9	45.3	124.
42.6	115.0	12948.8	159.0	-56.4	95.9	287.9	29.2	27.8	-9.0	366.7	999.9	99.9	999.9	46.3	124.
42.4	116.0	13110.6	155.0	-56.2	95.9	288.9	33.5	31.7	-10.8	369.7	999.9	99.9	999.9	47.8	124.
43.8	117.0	13276.8	151.0	-56.2	95.9	287.6	33.7	32.1	-10.2	372.5	999.9	99.9	999.9	48.7	123.
44.4	118.0	13447.3	147.0	-56.2	99.9	282.8	31.1	30.4	-6.9	375.4	999.9	99.9	999.9	49.8	123.
45.0	119.0	13622.2	143.0	-57.3	99.9	277.5	27.5	27.3	-3.6	376.6	999.9	99.9	999.9	50.9	122.
45.7	120.0	13756.4	140.0	-56.9	99.9	279.7	29.1	28.7	-4.9	379.5	999.9	99.9	999.9	51.6	122.
46.3	121.0	13940.4	136.0	-55.9	95.9	281.9	34.3	33.5	-7.1	384.4	999.9	99.9	999.9	52.8	122.
46.7	122.0	14082.5	133.0	-55.4	95.9	281.8	36.6	35.8	-7.5	387.7	999.9	99.9	999.9	53.6	121.
47.4	123.0	14277.2	129.0	-55.6	95.9	280.3	34.9	34.3	-6.2	390.8	999.9	99.9	999.9	55.3	121.
47.9	124.0	14426.9	126.0	-56.2	95.9	279.6	31.7	31.3	-5.3	392.3	999.9	99.9	999.9	56.0	120.
48.6	125.0	14580.0	123.0	-56.2	99.9	282.1	32.0	31.3	-6.7	395.0	999.9	99.9	999.9	57.2	120.
49.4	126.0	14790.3	119.0	-55.7	99.9	285.8	35.3	34.0	-9.6	399.7	999.9	99.9	999.9	58.8	119.
50.0	127.0	15008.3	115.0	-55.2	99.9	286.2	33.6	32.3	-9.4	404.5	999.9	99.9	999.9	60.2	119.
50.7	128.0	15177.0	112.0	-55.2	99.9	284.8	29.7	28.7	-7.6	407.6	999.9	99.9	999.9	61.4	119.
51.4	129.0	15350.5	109.0	-54.9	95.9	284.7	30.1	29.1	-7.7	411.4	999.9	99.9	999.9	62.5	119.
51.8	130.0	15528.9	106.0	-54.9	95.9	285.2	30.2	29.1	-7.9	414.7	999.9	99.9	999.9	63.2	118.
52.7	131.0	15774.7	102.0	-55.1	95.9	285.9	25.8	24.8	-7.1	418.9	999.9	99.9	999.9	64.9	118.
53.4	132.0	15965.3	99.0	-55.2	95.9	285.7	24.9	24.0	-6.8	422.2	999.9	99.9	999.9	65.6	118.
54.3	133.0	16161.9	96.0	-54.8	99.9	283.2	23.8	23.2	-5.4	426.9	999.9	99.9	999.9	67.1	118.
54.8	134.0	16364.9	93.0	-55.1	99.9	275.4	18.1	18.0	-1.7	430.2	999.9	99.9	999.9	68.1	117.
55.4	135.0	16504.1	91.0	-53.9	95.9	266.0	17.1	17.1	1.2	435.1	999.9	99.9	999.9	67.8	117.
56.2	136.0	16791.8	87.0	-55.4	95.9	273.0	26.8	26.7	-1.4	437.8	999.9	99.9	999.9	69.2	117.
56.7	137.0	17014.4	84.0	-57.6	95.9	272.9	26.7	26.6	-1.3	437.8	999.9	99.9	999.9	70.0	117.
57.4	138.0	17242.9	81.0	-59.9	95.9	267.6	19.1	19.1	0.8	437.7	999.9	99.9	999.9	71.0	116.
58.3	139.0	17478.4	78.0	-60.2	95.9	271.8	19.4	19.4	-0.6	441.7	999.9	99.9	999.9	71.5	116.
59.3	140.0	17724.0	75.0	-58.6	99.9	273.8	25.8	25.7	-1.7	450.0	999.9	99.9	999.9	72.8	115.
60.2	141.0	18068.5	71.0	-58.5	99.9	274.2	27.1	27.1	-2.0	457.5	999.9	99.9	999.9	74.4	115.
61.2	142.0	18338.6	68.0	-60.6	99.9	274.9	22.3	22.2	-1.9	458.6	999.9	99.9	999.9	75.7	115.
62.1	143.0	18618.0	65.0	-63.0	95.9	274.8	18.6	18.5	-1.6	459.2	999.9	99.9	999.9	76.8	114.
63.0	144.0	18909.7	62.0	-61.7	95.9	265.6	15.4	15.4	1.2	468.4	999.9	99.9	999.9	77.4	114.
64.3	145.0	19113.5	60.0	-60.2	95.9	289.0	24.1	22.8	-7.8	476.1	999.9	99.9	999.9	78.9	114.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
515 GMT

143 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.5	146.0	19433.2	57.0	-60.6	95.9	302.3	15.9	13.4	-8.5	482.3	999.9	99.9	999.9	80.9	114.
66.7	147.0	19769.1	54.0	-61.5	95.9	301.5	17.7	15.1	-9.3	487.7	999.9	99.9	999.9	81.7	114.
67.7	148.0	20122.8	51.0	-62.3	95.9	283.0	14.5	14.2	-3.3	494.0	999.9	99.9	999.9	82.8	114.
69.1	149.0	20495.6	48.0	-64.2	99.9	263.0	14.2	14.1	1.7	498.1	999.9	99.9	999.9	83.9	114.
70.4	150.0	20889.9	45.0	-65.0	99.9	267.2	17.4	17.4	0.8	505.4	999.9	99.9	999.9	84.9	113.
71.9	151.0	21168.5	43.0	-63.0	99.9	271.7	16.5	16.4	-0.5	516.8	999.9	99.9	999.9	86.2	113.
73.6	152.0	21612.6	40.0	-64.0	95.9	999.9	99.9	99.9	99.9	525.2	999.9	99.9	999.9	999.9	999.
75.3	153.0	22090.1	37.0	-64.2	95.9	999.9	99.9	99.9	99.9	536.6	999.9	99.9	999.9	999.9	999.

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
1115 GMT

134 59. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	NX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	791.0	933.0	-15.6	-18.4	330.0	6.7	3.4	-5.8	262.8	265.3	1.0	79.0	0.0	0.
0.2	12.0	823.4	929.0	-16.0	-21.2	338.9	13.5	4.8	-12.6	262.8	264.8	0.8	63.9	0.3	153.
0.5	13.0	913.2	918.0	-15.8	-20.5	338.9	13.5	4.8	-12.6	263.8	266.0	0.8	66.9	0.3	153.
0.8	14.0	1003.9	907.0	-16.8	-21.4	340.5	13.6	4.5	-12.8	263.7	265.8	0.8	67.3	0.5	155.
1.3	15.0	1095.5	896.0	-17.5	-21.8	344.9	15.3	4.0	-14.8	263.9	265.9	0.7	68.5	0.9	158.
1.7	16.0	1204.2	883.0	-18.6	-22.8	347.8	16.8	3.6	-16.4	263.9	265.8	0.7	68.8	1.3	161.
1.9	17.0	1289.7	873.0	-18.4	-23.2	348.7	17.2	3.4	-16.9	264.9	266.7	0.7	65.6	1.6	162.
2.3	18.0	1375.2	863.0	-17.9	-23.7	349.3	17.0	3.2	-16.7	266.3	268.3	0.7	65.9	2.0	163.
2.6	19.0	1471.9	852.0	-17.5	-22.3	348.8	17.0	3.3	-16.7	267.8	269.8	0.7	65.9	2.2	164.
2.9	20.0	1560.4	842.0	-17.3	-22.2	346.9	17.9	4.1	-17.5	268.8	270.9	0.8	65.6	2.6	165.
3.3	21.0	1668.1	830.0	-16.9	-21.9	345.4	19.9	5.0	-19.3	270.3	272.5	0.8	65.3	3.0	165.
3.6	22.0	1759.3	820.0	-15.8	-20.6	345.0	21.2	5.5	-20.5	272.5	274.9	0.9	66.3	3.4	165.
3.8	23.0	1852.0	810.0	-14.7	-19.8	345.4	21.7	5.4	-21.0	274.6	277.3	1.0	64.9	3.7	165.
4.2	24.0	1946.1	800.0	-14.6	-19.9	344.7	21.6	5.7	-20.8	275.7	278.4	1.0	63.6	4.2	165.
4.4	25.0	2041.5	790.0	-14.4	-19.7	343.5	21.1	6.0	-20.2	276.9	279.7	1.0	64.1	4.4	165.
4.8	26.0	2157.2	778.0	-13.3	-18.5	339.1	21.5	7.7	-20.1	279.3	282.5	1.1	64.6	4.9	165.
5.1	27.0	2256.7	768.0	-11.6	-14.9	336.5	21.8	8.7	-20.0	282.2	286.6	1.6	76.6	5.3	164.
5.4	28.0	2357.4	758.0	-10.2	-13.9	336.0	21.2	8.6	-19.4	284.8	289.6	1.7	74.1	5.7	163.
5.6	29.0	2449.5	749.0	-10.2	-14.6	336.5	20.5	8.2	-18.8	285.8	290.4	1.6	70.3	6.0	163.
6.0	30.0	2553.2	739.0	-9.8	-14.9	339.4	18.6	6.5	-17.4	287.4	292.0	1.6	66.1	6.4	163.
6.4	31.0	2647.2	730.0	-9.9	-15.7	338.2	20.3	7.6	-18.8	288.2	292.6	1.5	62.7	6.9	163.
6.7	32.0	2754.2	720.0	-10.3	-17.4	337.3	20.4	7.9	-18.8	288.8	292.8	1.3	56.0	7.3	162.
7.0	33.0	2851.1	711.0	-10.5	-19.1	336.4	19.9	8.0	-18.3	289.7	293.2	1.2	49.2	7.7	162.
7.3	34.0	2949.1	702.0	-10.9	-21.9	335.6	19.5	8.1	-17.8	290.3	293.3	1.0	43.4	8.0	162.
7.7	35.0	3059.2	692.0	-11.6	-21.9	334.1	19.1	8.3	-17.2	290.7	293.5	0.9	42.0	8.4	161.
8.2	36.0	3181.2	681.0	-12.5	-23.1	331.6	18.9	9.0	-16.6	291.0	293.6	0.9	40.4	9.0	161.
8.5	37.0	3283.3	672.0	-13.2	-24.5	329.8	19.0	9.6	-16.4	291.3	293.7	0.8	37.6	9.3	161.
8.8	38.0	3385.2	663.0	-14.2	-25.7	328.1	18.7	9.9	-15.9	291.4	293.5	0.7	36.8	9.7	160.
9.2	39.0	3489.4	654.0	-14.9	-26.2	326.4	18.1	10.0	-15.0	291.7	293.8	0.7	37.0	10.1	160.
9.5	40.0	3594.1	645.0	-16.0	-26.7	325.5	17.3	9.8	-14.3	291.6	293.6	0.7	39.0	10.5	159.
10.0	41.0	3723.4	634.0	-17.2	-27.7	326.6	16.6	9.2	-13.9	291.6	293.5	0.6	39.4	10.9	158.
10.4	42.0	3830.5	625.0	-17.7	-28.4	328.6	17.3	9.0	-14.8	292.2	294.0	0.6	38.7	11.2	158.
10.7	43.0	3926.7	617.0	-18.7	-29.2	329.4	17.9	9.1	-15.4	292.2	293.9	0.5	38.9	11.6	158.
11.0	44.0	4036.1	608.0	-19.5	-30.6	329.9	18.6	9.4	-16.1	292.5	294.0	0.5	36.3	12.0	158.
11.4	45.0	4134.3	600.0	-20.4	-32.5	328.8	19.1	9.9	-16.3	292.5	293.8	0.4	32.8	12.4	157.
11.7	46.0	4246.1	591.0	-21.3	-34.1	327.7	19.3	10.3	-16.3	292.8	293.9	0.4	30.0	12.7	157.
12.1	47.0	4346.5	583.0	-22.1	-35.6	325.7	19.6	11.1	-16.2	293.0	294.0	0.3	27.7	13.2	157.
12.5	48.0	4460.7	574.0	-22.9	-37.6	323.5	20.1	12.0	-16.2	293.4	294.2	0.3	24.3	13.6	156.
12.8	49.0	4563.5	566.0	-23.5	-39.7	321.6	20.5	12.8	-16.1	293.7	294.4	0.2	20.9	14.0	156.
13.1	50.0	4667.4	558.0	-24.3	-42.9	319.8	20.9	13.5	-16.0	294.0	294.5	0.2	15.9	14.4	156.
13.5	51.0	4799.1	548.0	-25.0	-44.2	317.4	21.1	14.3	-15.5	294.7	295.2	0.1	14.7	14.9	155.
13.8	52.0	4905.8	540.0	-25.7	-44.3	316.2	20.8	14.4	-15.0	295.2	295.6	0.1	15.4	15.2	155.
14.2	53.0	5013.8	532.0	-26.8	-46.9	315.1	20.1	14.2	-14.2	295.0	295.3	0.1	12.9	15.7	154.
14.5	54.0	5122.9	524.0	-27.8	-47.1	314.5	19.4	13.8	-13.6	295.2	295.5	0.1	13.7	16.1	154.
14.9	55.0	5233.3	516.0	-28.4	-47.6	313.5	18.3	13.3	-12.6	295.7	296.0	0.1	13.7	16.5	153.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
1115 GMT

134 59. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.4	56.0	5359.0	507.0	-30.2	-42.9	312.0	17.4	12.9	-11.6	295.1	295.4	0.1	13.9	17.0	152.
15.7	57.0	5472.0	499.0	-31.0	-49.6	311.8	17.2	12.8	-11.4	295.4	295.7	0.1	14.0	17.2	152.
16.2	58.0	5586.4	491.0	-32.1	-49.7	312.5	17.4	12.8	-11.7	295.3	295.6	0.1	15.3	17.7	151.
16.5	59.0	5687.5	484.0	-33.3	-51.8	313.4	17.7	12.8	-12.1	295.1	295.3	0.1	13.6	18.0	151.
16.9	60.0	5804.4	476.0	-34.1	-51.7	313.9	18.2	13.1	-12.6	295.5	295.7	0.1	14.9	18.4	151.
17.4	61.0	5922.8	468.0	-35.1	-51.7	314.8	19.0	13.5	-13.4	295.8	296.0	0.1	16.2	18.9	150.
17.7	62.0	6027.7	461.0	-36.2	-52.3	315.5	19.6	13.7	-14.0	295.7	295.9	0.1	16.9	19.3	150.
18.0	63.0	6133.6	454.0	-37.4	-55.3	316.1	20.1	13.9	-14.5	295.5	295.7	0.1	17.0	19.7	150.
18.4	64.0	6256.1	446.0	-38.7	-54.4	315.8	20.5	14.3	-14.7	295.3	295.4	0.1	17.1	20.1	149.
18.7	65.0	6364.6	439.0	-39.0	-55.2	315.1	20.6	14.6	-14.6	296.3	296.4	0.0	16.0	20.5	149.
19.2	66.0	6522.2	429.0	-40.4	99.9	312.9	20.6	15.1	-14.0	296.5	999.9	99.9	999.9	21.1	149.
19.5	67.0	6634.1	422.0	-41.5	99.9	311.2	20.5	15.4	-13.5	296.5	999.9	99.9	999.9	21.5	148.
19.9	68.0	6747.3	415.0	-42.6	99.9	308.5	20.6	16.1	-12.8	296.5	999.9	99.9	999.9	21.9	148.
20.3	69.0	6862.0	408.0	-43.6	99.9	305.9	21.1	17.1	-12.4	296.7	999.9	99.9	999.9	22.4	148.
20.6	70.0	6961.4	402.0	-44.6	99.9	304.0	21.5	17.8	-12.0	296.6	999.9	99.9	999.9	22.7	147.
21.0	71.0	7112.5	393.0	-45.9	99.9	301.5	22.0	18.8	-11.5	296.9	999.9	99.9	999.9	23.2	147.
21.4	72.0	7231.8	386.0	-47.2	99.9	299.8	21.8	19.0	-10.8	296.7	999.9	99.9	999.9	23.7	146.
21.7	73.0	7352.7	379.0	-48.2	99.9	299.8	21.3	18.5	-10.6	296.9	999.9	99.9	999.9	24.0	146.
22.1	74.0	7457.5	373.0	-49.3	99.9	301.0	20.4	17.5	-10.5	296.8	999.9	99.9	999.9	24.5	145.
22.5	75.0	7581.4	366.0	-50.5	99.9	303.1	19.5	16.3	-10.6	296.8	999.9	99.9	999.9	24.9	145.
22.9	76.0	7688.9	360.0	-51.7	99.9	303.6	19.0	15.9	-10.5	296.6	999.9	99.9	999.9	25.4	144.
23.3	77.0	7816.0	353.0	-52.8	99.9	303.6	18.8	15.7	-10.4	296.8	999.9	99.9	999.9	25.8	144.
23.7	78.0	7926.4	347.0	-53.6	99.9	303.4	18.8	15.7	-10.4	297.1	999.9	99.9	999.9	26.2	144.
24.1	79.0	8038.2	341.0	-55.1	99.9	303.1	19.5	16.3	-10.6	296.7	999.9	99.9	999.9	26.6	143.
24.5	80.0	8151.3	335.0	-56.1	99.9	302.4	21.5	18.1	-11.5	296.8	999.9	99.9	999.9	27.0	143.
25.0	81.0	8306.4	327.0	-52.2	99.9	301.9	26.0	22.1	-13.7	304.2	999.9	99.9	999.9	27.6	143.
25.4	82.0	8426.3	321.0	-52.0	99.9	301.9	28.6	24.3	-15.1	306.0	999.9	99.9	999.9	28.3	142.
25.8	83.0	8548.6	315.0	-51.6	99.9	301.9	29.1	24.7	-15.4	308.3	999.9	99.9	999.9	29.1	141.
26.3	84.0	8673.4	309.0	-51.6	99.9	302.0	28.1	23.8	-14.9	310.0	999.9	99.9	999.9	29.9	141.
26.7	85.0	8800.8	303.0	-51.1	99.9	301.9	27.2	23.1	-14.4	312.4	999.9	99.9	999.9	30.5	141.
27.3	86.0	8953.1	296.0	-50.3	99.9	300.5	27.8	23.9	-14.1	315.6	999.9	99.9	999.9	31.4	140.
27.7	87.0	9086.7	290.0	-50.3	99.9	299.1	29.2	25.5	-14.2	317.5	999.9	99.9	999.9	32.0	140.
28.2	88.0	9200.3	285.0	-50.2	99.9	297.5	30.9	27.4	-14.3	319.3	999.9	99.9	999.9	32.9	139.
28.6	89.0	9339.2	279.0	-50.5	99.9	296.8	31.8	28.4	-14.3	320.8	999.9	99.9	999.9	33.6	138.
29.1	90.0	9456.8	274.0	-51.6	99.9	297.8	33.1	29.2	-15.4	320.9	999.9	99.9	999.9	34.4	138.
29.5	91.0	9600.5	268.0	-51.7	99.9	299.7	35.0	30.4	-17.3	322.7	999.9	99.9	999.9	35.1	137.
29.9	92.0	9722.6	263.0	-51.6	99.9	301.0	37.2	31.9	-19.2	324.7	999.9	99.9	999.9	36.0	137.
30.4	93.0	9872.4	257.0	-51.7	99.9	301.1	38.4	32.9	-19.8	326.6	999.9	99.9	999.9	37.2	137.
30.8	94.0	10000.1	252.0	-50.6	99.9	300.3	37.4	32.3	-18.8	330.0	999.9	99.9	999.9	38.1	136.
31.4	95.0	10130.5	247.0	-51.6	99.9	298.1	34.1	30.1	-16.1	330.5	999.9	99.9	999.9	39.4	136.
32.1	96.0	10290.1	241.0	-51.6	99.9	296.3	31.6	28.3	-14.0	332.9	999.9	99.9	999.9	40.6	135.
32.6	97.0	10426.1	236.0	-51.7	99.9	296.6	32.4	28.9	-14.5	334.6	999.9	99.9	999.9	41.5	135.
33.1	98.0	10564.9	231.0	-51.9	99.9	297.6	35.4	31.4	-16.4	336.5	999.9	99.9	999.9	42.4	134.
33.6	99.0	10706.7	226.0	-51.9	99.9	298.0	39.2	34.6	-18.5	338.6	999.9	99.9	999.9	43.4	134.
34.1	100.0	10851.8	221.0	-51.7	99.9	297.2	40.3	35.8	-18.4	341.0	999.9	99.9	999.9	44.8	133.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
1115 GMT

134 59. 0

TIME MM	CNTCT	HEIGHT GPM	FRES WB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.7	101.0	11030.3	215.0	-51.7	99.9	294.6	36.0	32.7	-15.0	343.7	999.9	99.9	999.9	46.2	133.
35.3	102.0	11152.1	211.0	-51.9	99.9	293.3	33.1	30.4	-13.1	345.3	999.9	99.9	999.9	47.1	132.
35.7	103.0	11307.2	206.0	-52.7	99.9	294.4	34.0	30.9	-14.0	346.4	999.9	99.9	999.9	47.8	132.
36.2	104.0	11465.6	201.0	-53.5	99.9	296.7	36.0	32.2	-16.2	347.6	999.9	99.9	999.9	49.0	132.
36.7	105.0	11594.9	197.0	-53.6	95.9	298.2	36.7	32.4	-17.4	349.4	999.9	99.9	999.9	50.0	131.
37.2	106.0	11760.2	192.0	-53.8	95.9	298.5	35.8	31.4	-17.1	351.7	999.9	99.9	999.9	51.1	131.
37.7	107.0	11895.5	188.0	-53.8	95.9	297.6	34.4	30.5	-16.0	353.8	999.9	99.9	999.9	52.2	131.
38.3	108.0	12033.8	184.0	-53.5	99.9	296.5	35.0	31.3	-15.6	356.5	999.9	99.9	999.9	53.2	131.
38.6	109.0	12175.2	180.0	-53.3	99.9	296.5	36.3	32.5	-16.2	359.0	999.9	99.9	999.9	53.8	130.
39.2	110.0	12356.6	175.0	-53.5	99.9	298.0	38.9	34.3	-18.3	361.7	999.9	99.9	999.9	55.3	130.
39.4	111.0	12543.0	170.0	-53.6	99.9	298.5	38.2	33.5	-18.2	364.4	999.9	99.9	999.9	56.7	130.
40.4	112.0	12695.7	166.0	-54.9	95.9	296.7	35.3	31.5	-15.9	364.7	999.9	99.9	999.9	58.0	130.
40.9	113.0	12851.5	162.0	-55.1	95.9	294.6	33.0	30.0	-13.7	367.0	999.9	99.9	999.9	58.9	129.
41.4	114.0	13011.2	158.0	-55.2	95.9	293.2	31.2	28.6	-12.3	369.4	999.9	99.9	999.9	60.0	129.
42.0	115.0	13133.7	155.0	-54.6	99.9	293.7	29.9	27.3	-12.0	372.5	999.9	99.9	999.9	60.7	129.
42.8	116.0	13343.5	150.0	-54.9	99.9	297.1	32.1	28.6	-14.6	375.5	999.9	99.9	999.9	62.3	128.
43.5	117.0	13516.4	146.0	-54.6	99.9	298.2	36.2	31.9	-17.1	379.0	999.9	99.9	999.9	63.7	128.
44.2	118.0	13694.6	142.0	-53.8	99.9	297.7	33.7	29.8	-15.7	383.4	999.9	99.9	999.9	65.3	128.
44.8	119.0	13831.4	139.0	-54.9	95.9	296.2	29.0	26.0	-12.8	383.7	999.9	99.9	999.9	66.4	128.
45.5	120.0	14018.3	135.0	-54.3	95.9	296.1	29.1	26.1	-12.8	388.1	999.9	99.9	999.9	67.3	128.
46.2	121.0	14162.2	132.0	-54.9	95.9	298.3	32.1	28.2	-15.2	389.5	999.9	99.9	999.9	68.8	127.
46.7	122.0	14358.8	128.0	-55.2	99.9	299.0	30.7	26.8	-14.9	392.3	999.9	99.9	999.9	69.8	127.
47.5	123.0	14509.8	125.0	-56.2	99.9	299.2	25.2	22.0	-12.3	393.2	999.9	99.9	999.9	71.0	127.
48.1	124.0	14664.2	122.0	-56.1	99.9	301.5	27.3	23.3	-4.2	396.2	999.9	99.9	999.9	71.8	127.
48.7	125.0	14876.0	118.0	-56.4	99.9	302.6	29.2	24.6	-15.8	399.4	999.9	99.9	999.9	73.0	127.
49.4	126.0	15039.4	115.0	-56.6	99.9	303.0	28.8	24.2	-15.7	402.0	999.9	99.9	999.9	74.4	127.
50.3	127.0	15264.0	111.0	-56.6	95.9	305.0	32.6	26.7	-18.7	406.1	999.9	99.9	999.9	75.9	127.
51.0	128.0	15437.8	108.0	-56.6	95.9	306.3	33.6	27.1	-19.9	409.3	999.9	99.9	999.9	77.1	127.
51.7	129.0	15616.5	105.0	-56.6	95.9	304.8	33.3	27.4	-19.0	412.6	999.9	99.9	999.9	78.7	127.
52.5	130.0	15800.4	102.0	-56.7	99.9	301.0	32.1	27.6	-16.5	415.7	999.9	99.9	999.9	80.4	127.
53.3	131.0	16053.9	98.0	-56.7	99.9	292.3	27.9	25.8	-10.6	420.3	999.9	99.9	999.9	81.7	127.
54.0	132.0	16250.6	95.0	-57.6	99.9	287.2	25.7	24.6	-7.6	422.6	999.9	99.9	999.9	82.7	126.
54.7	133.0	16452.8	92.0	-58.5	99.9	290.2	22.9	21.5	-7.9	424.8	999.9	99.9	999.9	83.7	126.
55.4	134.0	16661.2	89.0	-58.6	95.9	296.0	20.2	18.1	-8.9	428.5	999.9	99.9	999.9	84.8	126.
56.4	135.0	16804.1	87.0	-58.5	95.9	298.5	27.0	23.7	-12.9	431.6	999.9	99.9	999.9	85.6	126.
57.3	136.0	17024.7	84.0	-58.6	99.9	299.2	30.2	26.4	-14.7	435.6	999.9	99.9	999.9	87.6	126.
58.2	137.0	17331.4	80.0	-58.5	99.9	294.9	25.5	23.1	-10.8	442.1	999.9	99.9	999.9	89.0	126.
59.2	138.0	17571.7	77.0	-58.6	99.9	287.5	22.8	21.7	-6.9	446.6	999.9	99.9	999.9	90.4	125.
60.2	139.0	17821.5	74.0	-58.5	99.9	276.5	24.5	24.4	-2.8	452.1	999.9	99.9	999.9	91.6	125.
61.2	140.0	18081.3	71.0	-59.2	99.9	261.1	22.5	22.2	-3.5	456.0	999.9	99.9	999.9	93.0	124.
62.2	141.0	18351.2	68.0	-60.2	95.9	260.2	22.0	21.7	-3.7	459.3	999.9	99.9	999.9	93.5	124.
63.2	142.0	18631.8	65.0	-61.5	95.9	268.9	27.1	27.1	-0.5	462.5	999.9	99.9	999.9	94.9	123.
64.4	143.0	18925.1	62.0	-61.0	99.9	999.9	99.9	99.9	99.9	470.0	999.9	99.9	999.9	999.9	999.
65.8	144.0	19233.9	59.0	-60.2	99.9	999.9	99.9	99.9	99.9	478.4	999.9	99.9	999.9	999.9	999.

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
1535 GMT

147 13. 0

TIME MIN	CNTCT	HFIGHT GPH	FRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	791.0	933.8	-15.0	-17.8	300.0	4.1	3.6	-2.0	263.4	266.0	1.0	79.0	0.0	0.
0.1	12.0	830.0	929.0	-14.6	-20.9	999.9	99.9	99.9	99.9	264.1	266.2	0.8	58.6	999.9	999.
0.5	13.0	920.1	918.0	-15.6	-21.1	999.9	99.9	99.9	99.9	264.0	266.1	0.8	62.7	999.9	999.
0.7	14.0	1011.0	907.0	-16.1	-21.7	999.9	99.9	99.9	99.9	264.4	266.4	0.7	61.8	999.9	999.
1.1	15.0	1094.5	897.0	-16.1	-22.0	999.9	99.9	99.9	99.9	265.2	267.2	0.7	60.6	999.9	999.
1.5	16.0	1212.8	883.0	-16.8	-22.9	999.9	99.9	99.9	99.9	265.7	267.5	0.7	58.9	999.9	999.
1.9	17.0	1307.5	872.0	-14.1	-21.1	338.3	15.1	5.6	-14.1	269.5	271.8	0.8	55.2	1.3	156.
2.1	18.0	1395.0	862.0	-14.2	-21.3	338.5	15.5	5.7	-14.4	270.3	272.5	0.8	54.7	1.6	156.
2.4	19.0	1483.7	852.0	-13.5	-20.4	339.5	16.1	5.7	-15.1	271.9	274.4	0.9	55.9	1.8	157.
2.7	20.0	1583.1	841.0	-10.7	-17.6	338.6	16.7	6.1	-15.6	275.9	279.1	1.1	56.6	2.1	157.
3.1	21.0	1701.2	828.0	-9.5	-16.4	336.9	17.8	7.0	-16.3	278.4	282.0	1.3	57.0	2.5	157.
3.4	22.0	1797.2	818.0	-9.2	-15.8	336.7	19.0	7.5	-17.5	279.7	283.5	1.4	58.6	2.9	157.
3.7	23.0	1892.4	808.0	-9.1	-15.5	337.7	20.4	7.7	-18.8	280.8	284.8	1.4	59.3	3.2	157.
4.0	24.0	1998.6	797.0	-8.8	-16.1	339.1	21.7	7.8	-20.3	282.3	286.1	1.4	55.4	3.6	157.
4.3	25.0	2086.6	788.0	-8.8	-16.8	338.5	21.9	8.0	-20.3	283.2	286.8	1.3	51.9	4.0	158.
4.7	26.0	2215.4	775.0	-9.2	-19.3	336.2	22.1	8.9	-20.2	284.0	287.1	1.1	43.8	4.5	158.
5.0	27.0	2315.2	765.0	-9.5	-22.8	333.5	22.3	9.9	-19.9	284.7	287.1	0.8	32.9	4.9	157.
5.3	28.0	2417.4	755.0	-9.8	-22.4	332.5	21.9	10.1	-19.4	285.5	287.9	0.8	34.9	5.3	157.
5.6	29.0	2509.8	746.0	-10.4	-23.8	331.3	21.3	10.2	-18.7	285.8	288.0	0.7	32.2	5.7	157.
5.9	30.0	2613.6	736.0	-11.2	-24.1	329.8	20.2	10.2	-17.4	286.0	288.2	0.7	33.5	6.1	156.
6.3	31.0	2718.4	726.0	-12.0	-24.3	327.8	20.6	11.0	-17.4	286.3	288.5	0.7	34.8	6.6	156.
6.6	32.0	2813.7	717.0	-13.2	-24.9	327.1	21.1	11.5	-17.7	285.9	288.0	0.7	36.5	6.9	155.
6.9	33.0	2920.6	707.0	-13.4	-28.8	328.1	21.1	11.2	-17.9	286.9	288.4	0.5	25.8	7.3	155.
7.2	34.0	3028.9	697.0	-14.1	-29.4	328.4	21.0	11.0	-17.9	287.3	288.8	0.5	25.8	7.7	155.
7.5	35.0	3127.4	688.0	-15.0	-31.2	328.5	20.8	10.9	-17.7	287.3	288.5	0.4	23.5	8.1	154.
8.0	36.0	3249.0	677.0	-16.1	-33.3	327.7	21.2	11.3	-17.9	287.4	288.4	0.3	21.0	8.7	154.
8.3	37.0	3349.6	668.0	-16.8	-36.7	327.0	21.9	11.9	-18.4	287.7	288.5	0.2	15.8	9.1	154.
8.7	38.0	3462.8	658.0	-17.4	-35.8	325.7	22.7	12.8	-18.8	288.3	289.2	0.3	18.3	9.6	153.
9.0	39.0	3565.9	649.0	-17.6	-36.0	324.6	23.3	13.5	-19.0	289.1	290.0	0.3	18.3	10.0	153.
9.3	40.0	3670.3	640.0	-18.5	-36.6	322.8	23.3	14.1	-18.6	289.4	290.2	0.3	18.4	10.5	153.
9.8	41.0	3799.4	629.0	-19.5	-37.5	319.9	23.3	15.0	-17.8	289.6	290.3	0.2	18.4	11.2	152.
10.1	42.0	3906.3	620.0	-20.1	-37.9	318.5	23.2	15.4	-17.4	290.1	290.9	0.2	18.5	11.6	151.
10.5	43.0	4014.6	611.0	-20.8	-38.5	317.1	23.2	15.8	-17.0	290.6	291.3	0.2	18.5	12.1	151.
10.8	44.0	4124.1	602.0	-21.8	-39.3	316.2	23.2	16.1	-16.8	290.6	291.2	0.2	18.6	12.5	150.
11.1	45.0	4222.4	594.0	-22.6	-40.0	315.1	23.2	16.4	-16.5	290.8	291.4	0.2	18.7	12.9	150.
11.5	46.0	4334.3	585.0	-23.3	-40.5	313.1	23.4	17.1	-16.0	291.3	291.9	0.2	18.7	13.4	149.
11.9	47.0	4434.9	577.0	-24.1	-41.2	311.0	23.9	18.1	-15.7	291.5	292.1	0.2	18.8	13.9	149.
12.2	48.0	4549.5	568.0	-24.9	-41.8	309.7	24.3	18.7	-15.5	291.9	292.4	0.2	18.8	14.4	148.
12.6	49.0	4652.5	560.0	-25.5	-42.3	308.3	24.6	19.3	-15.2	292.3	292.8	0.2	18.9	15.0	147.
12.9	50.0	4756.7	552.0	-26.3	-43.0	307.5	24.5	19.4	-14.9	292.5	293.0	0.2	18.9	15.4	147.
13.3	51.0	4902.0	541.0	-27.1	-43.6	306.5	23.9	19.2	-14.2	293.3	293.8	0.1	19.0	15.9	146.
13.7	52.0	5009.2	533.0	-28.2	-44.5	305.9	23.1	18.7	-13.6	293.3	293.7	0.1	19.1	16.5	145.
14.1	53.0	5117.5	525.0	-29.1	-45.2	306.2	22.6	18.2	-13.4	293.4	293.9	0.1	19.1	17.0	145.
14.5	54.0	5227.1	517.0	-29.6	-45.7	308.1	22.8	18.0	-14.1	294.1	294.5	0.1	19.2	17.4	144.
14.9	55.0	5338.2	509.0	-30.4	-46.3	311.6	23.7	17.7	-15.7	294.4	294.8	0.1	19.2	18.0	144.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
1535 GMT

147 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.3	56.0	5464.8	500.0	-31.6	-47.3	315.3	24.1	17.0	-17.1	294.5	294.9	0.1	19.3	18.6	143.
15.6	57.0	5593.1	491.0	-32.2	-47.8	318.2	24.4	16.2	-18.2	295.2	295.6	0.1	19.4	19.1	143.
16.1	58.0	5694.4	484.0	-32.6	-48.1	323.7	25.1	14.9	-20.3	296.0	296.3	0.1	19.4	19.7	143.
16.4	59.0	5811.7	476.0	-33.3	-48.7	326.9	26.4	14.4	-22.1	296.6	296.9	0.1	19.4	20.1	143.
16.7	60.0	5915.7	469.0	-33.4	-48.8	329.6	27.8	14.1	-24.0	297.7	298.0	0.1	19.4	20.7	143.
17.1	61.0	6036.4	461.0	-33.8	-49.1	332.3	29.3	13.6	-25.9	298.6	298.9	0.1	19.5	21.4	143.
17.4	62.0	6143.6	454.0	-34.5	-49.6	333.8	29.5	13.0	-26.5	299.1	299.4	0.1	19.5	21.9	144.
17.8	63.0	6267.8	446.0	-34.7	-49.9	335.1	28.5	12.0	-25.8	300.3	300.6	0.1	19.5	22.7	144.
18.1	64.0	6378.1	439.0	-35.5	-50.5	335.6	27.4	11.3	-25.0	300.7	300.9	0.1	19.6	23.2	144.
18.5	65.0	6489.8	432.0	-36.1	-51.0	335.7	26.0	10.7	-23.7	301.4	301.6	0.1	19.6	23.7	145.
19.0	66.0	6635.8	423.0	-36.7	-51.5	335.3	25.6	10.7	-23.3	302.3	302.6	0.1	19.7	24.5	145.
19.4	67.0	6751.2	416.0	-37.4	-52.1	335.2	25.5	10.7	-23.2	302.9	303.2	0.1	19.7	25.1	145.
19.8	68.0	6868.1	409.0	-38.6	-52.1	335.3	25.4	10.6	-23.1	302.8	303.1	0.1	19.8	25.7	145.
20.1	69.0	6986.5	402.0	-39.4	-53.7	335.4	25.3	10.5	-23.0	303.3	303.5	0.1	19.9	26.1	146.
20.5	70.0	7123.8	394.0	-40.5	99.9	335.4	25.2	10.5	-22.9	303.7	999.9	99.9	999.9	26.7	146.
21.0	71.0	7263.2	386.0	-42.1	99.9	336.0	25.1	10.2	-22.9	303.3	999.9	99.9	999.9	27.5	146.
21.4	72.0	7386.8	379.0	-42.8	99.9	336.6	25.5	10.1	-23.4	304.0	999.9	99.9	999.9	28.1	146.
21.7	73.0	7512.3	372.0	-43.9	99.9	336.4	26.1	10.4	-23.9	304.2	999.9	99.9	999.9	28.5	147.
22.1	74.0	7621.2	366.0	-44.9	99.9	335.5	26.7	11.1	-24.3	304.3	999.9	99.9	999.9	29.1	147.
22.4	75.0	7750.0	359.0	-45.9	99.9	334.2	26.6	11.6	-24.0	304.6	999.9	99.9	999.9	29.7	147.
22.8	76.0	7862.0	353.0	-46.7	99.9	332.8	25.6	11.7	-22.8	305.0	999.9	99.9	999.9	30.3	147.
23.1	77.0	7975.5	347.0	-47.6	99.9	332.1	24.8	11.6	-21.9	305.3	999.9	99.9	999.9	30.7	147.
23.5	78.0	8109.9	340.0	-48.2	99.9	332.5	24.0	11.1	-21.3	306.3	999.9	99.9	999.9	31.3	147.
23.9	79.0	8227.4	334.0	-47.5	99.9	333.4	24.8	11.1	-22.2	308.8	999.9	99.9	999.9	31.9	147.
24.2	80.0	8347.1	328.0	-48.2	99.9	333.5	25.6	11.4	-22.9	309.4	999.9	99.9	999.9	32.3	147.
24.7	81.0	8509.5	320.0	-48.9	99.9	332.9	26.8	12.2	-23.9	310.6	999.9	99.9	999.9	33.1	148.
25.1	82.0	8633.6	314.0	-49.8	99.9	331.8	27.1	12.8	-23.9	311.1	999.9	99.9	999.9	33.8	148.
25.6	83.0	8738.4	309.0	-50.7	99.9	329.9	27.1	13.6	-23.4	311.3	999.9	99.9	999.9	34.6	148.
25.9	84.0	8866.2	303.0	-50.6	99.9	328.3	27.6	14.5	-23.5	313.2	999.9	99.9	999.9	35.0	148.
26.4	85.0	8996.6	297.0	-50.7	99.9	326.2	29.7	16.5	-24.7	314.8	999.9	99.9	999.9	35.9	148.
26.9	86.0	9151.8	290.0	-51.3	99.9	325.9	32.5	18.2	-26.9	316.1	999.9	99.9	999.9	36.8	148.
27.3	87.0	9287.6	284.0	-51.5	99.9	325.9	34.1	19.1	-28.3	317.8	999.9	99.9	999.9	37.6	148.
27.8	88.0	9426.4	278.0	-51.0	99.9	324.3	34.6	20.2	-28.1	320.4	999.9	99.9	999.9	38.7	148.
28.3	89.0	9544.9	273.0	-49.5	99.9	319.4	33.2	21.6	-25.2	324.2	999.9	99.9	999.9	39.8	148.
28.7	90.0	9690.7	267.0	-48.6	99.9	314.0	31.7	22.8	-22.0	327.6	999.9	99.9	999.9	40.5	147.
29.0	91.0	9815.1	262.0	-48.5	99.9	309.4	30.6	23.6	-19.4	329.6	999.9	99.9	999.9	41.1	147.
29.5	92.0	9941.6	257.0	-49.5	99.9	305.5	29.6	24.1	-17.2	329.9	999.9	99.9	999.9	42.0	147.
30.0	93.0	10070.0	252.0	-50.7	99.9	306.3	30.7	24.7	-18.2	329.9	999.9	99.9	999.9	42.6	146.
30.5	94.0	10226.8	246.0	-51.3	99.9	307.7	33.3	26.3	-20.3	331.3	999.9	99.9	999.9	43.6	146.
31.0	95.0	10360.1	241.0	-51.6	99.9	306.1	34.4	27.8	-20.3	332.8	999.9	99.9	999.9	44.6	145.
31.5	96.0	10523.4	235.0	-52.5	99.9	302.8	33.7	28.3	-18.3	333.8	999.9	99.9	999.9	45.7	145.
32.0	97.0	10662.2	230.0	-53.1	99.9	301.3	33.9	29.0	-17.6	335.0	999.9	99.9	999.9	46.4	144.
32.5	98.0	10803.4	225.0	-54.6	99.9	303.0	35.5	29.8	-19.3	334.9	999.9	99.9	999.9	47.4	144.
33.0	99.0	10947.6	220.0	-53.6	99.9	306.2	36.7	29.6	-21.7	338.5	999.9	99.9	999.9	48.5	143.
33.5	100.0	11066.1	216.0	-51.5	99.9	308.8	37.6	29.3	-23.6	343.7	999.9	99.9	999.9	49.5	143.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
1535 GMT

147 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.1	101.0	11249.5	210.0	-50.4	99.9	308.5	39.5	30.9	-24.6	348.1	999.9	99.9	999.9	50.9	143.
34.6	102.0	11406.6	205.0	-50.9	99.9	307.2	40.2	32.0	-24.3	349.8	999.9	99.9	999.9	52.0	142.
35.1	103.0	11567.1	200.0	-51.5	99.9	306.0	38.4	31.1	-22.6	351.3	999.9	99.9	999.9	53.3	142.
35.6	104.0	11698.3	196.0	-51.6	99.9	303.5	34.9	29.1	-19.3	353.1	999.9	99.9	999.9	54.4	142.
36.0	105.0	11865.7	191.0	-52.4	99.9	299.8	32.5	28.2	-16.1	354.5	999.9	99.9	999.9	55.1	142.
36.5	106.0	12002.5	187.0	-52.5	99.9	294.0	32.1	29.3	-13.0	356.4	999.9	99.9	999.9	55.8	141.
37.1	107.0	12142.1	183.0	-52.8	99.9	291.3	35.0	32.6	-12.7	358.1	999.9	99.9	999.9	57.0	140.
37.8	108.0	12321.0	178.0	-52.7	99.9	294.7	40.9	37.2	-17.1	361.2	999.9	99.9	999.9	58.2	140.
38.5	109.0	12504.8	173.0	-53.0	99.9	296.6	41.2	36.8	-18.5	363.6	999.9	99.9	999.9	60.3	139.
39.1	110.0	12655.7	169.0	-52.8	99.9	294.8	36.6	33.3	-15.3	366.3	999.9	99.9	999.9	61.2	139.
39.9	111.0	12849.4	164.0	-53.1	99.9	294.0	36.0	32.9	-14.6	369.0	999.9	99.9	999.9	62.7	138.
40.4	112.0	13008.3	160.0	-53.8	99.9	293.7	35.1	32.1	-14.1	370.5	999.9	99.9	999.9	63.9	137.
40.9	113.0	13170.7	156.0	-54.6	99.9	293.5	32.2	29.5	-12.8	371.9	999.9	99.9	999.9	64.8	137.
41.4	114.0	13295.1	153.0	-54.6	99.9	295.9	31.4	28.2	-13.7	374.0	999.9	99.9	999.9	65.5	137.
41.9	115.0	13464.6	149.0	-54.9	99.9	299.8	35.3	30.6	-17.6	376.3	999.9	99.9	999.9	66.3	137.
42.7	116.0	13682.5	144.0	-55.4	99.9	302.5	42.2	35.6	-22.7	379.1	999.9	99.9	999.9	68.3	136.
43.4	117.0	13862.3	140.0	-55.2	99.9	301.6	41.2	35.1	-21.6	382.5	999.9	99.9	999.9	70.2	136.
44.1	118.0	14000.7	137.0	-55.0	99.9	301.3	37.5*	32.0	-19.5	385.1	999.9	99.9	999.9	71.8	135.
44.7	119.0	14190.2	133.0	-54.6	99.9	303.2	35.1*	29.3	-19.2	389.3	999.9	99.9	999.9	73.0	135.
45.3	120.0	14336.3	130.0	-54.6	99.9	303.9	31.7*	26.3	-17.7	391.8	999.9	99.9	999.9	74.3	135.
45.9	121.0	14536.4	126.0	-54.6	99.9	303.9	30.5*	25.3	-17.0	395.3	999.9	99.9	999.9	75.2	135.
46.5	122.0	14690.5	123.0	-55.2	99.9	305.7	32.8*	26.6	-19.1	396.9	999.9	99.9	999.9	76.1	135.
47.1	123.0	14901.2	119.0	-55.8	99.9	306.0	32.7*	26.5	-19.2	399.5	999.9	99.9	999.9	77.8	135.
47.7	124.0	15118.6	115.0	-56.3	99.9	303.3	31.2*	26.1	-17.1	402.5	999.9	99.9	999.9	78.6	134.
48.4	125.0	15286.3	112.0	-57.0	99.9	297.5	27.9*	24.8	-12.9	404.3	999.9	99.9	999.9	80.0	134.
49.3	126.0	15516.4	108.0	-57.1	99.9	297.0	24.4*	21.7	-11.0	408.2	999.9	99.9	999.9	81.2	134.
50.0	127.0	15694.6	105.0	-57.5	99.9	303.9	24.3*	20.1	-13.5	410.9	999.9	99.9	999.9	82.1	134.
50.6	128.0	15877.5	102.0	-57.8	99.9	305.0	24.0*	19.7	-13.8	413.7	999.9	99.9	999.9	83.1	134.
51.4	129.0	16065.5	99.0	-58.7	99.9	300.8	24.5*	21.0	-12.5	415.6	999.9	99.9	999.9	84.1	134.
52.1	130.0	16258.8	96.0	-58.7	99.9	296.0	25.2*	22.6	-11.1	419.3	999.9	99.9	999.9	85.2	133.
52.9	131.0	16525.8	92.0	-59.3	99.9	287.9	19.2*	18.2	-5.9	423.1	999.9	99.9	999.9	86.5	133.
53.8	132.0	16733.2	89.0	-59.7	99.9	291.7	20.1*	18.7	-7.4	426.4	999.9	99.9	999.9	86.9	133.
54.4	133.0	16947.7	86.0	-59.5	99.9	296.3	24.1*	21.6	-10.7	431.0	999.9	99.9	999.9	87.9	133.
55.3	134.0	17169.9	83.0	-59.5	99.9	295.2	23.6*	21.3	-10.0	435.4	999.9	99.9	999.9	89.1	132.
56.2	135.0	17400.6	80.0	-59.0	99.9	293.1	22.8*	21.0	-8.9	441.0	999.9	99.9	999.9	90.3	132.
57.2	136.0	17640.0	77.0	-59.7	99.9	283.7	22.2*	21.5	-5.3	444.4	999.9	99.9	999.9	91.6	132.
58.2	137.0	17888.5	74.0	-59.5	99.9	275.2	21.8*	21.7	-2.0	449.9	999.9	99.9	999.9	92.6	131.
59.1	138.0	18235.6	70.0	-60.4	99.9	284.1	28.0*	27.2	-6.8	455.2	999.9	99.9	999.9	93.7	131.
60.0	139.0	18509.8	67.0	-58.5	99.9	284.5	27.5	26.7	-6.9	465.1	999.9	99.9	999.9	95.2	131.
61.1	140.0	18797.2	64.0	-59.5	99.9	279.5	26.7	26.4	-4.4	469.0	999.9	99.9	999.9	96.7	130.
62.2	141.0	19098.2	61.0	-58.7	99.9	288.5	28.5*	27.0	-9.0	477.3	999.9	99.9	999.9	98.2	130.
63.5	142.0	19415.0	58.0	-58.7	99.9	290.0	18.2*	17.1	-6.2	484.3	999.9	99.9	999.9	99.9	129.
64.7	143.0	19748.1	55.0	-59.5	99.9	292.1	18.5	17.1	-7.0	489.7	999.9	99.9	999.9	101.6	129.
65.8	144.0	20100.1	52.0	-58.3	99.9	291.7	8.4	7.8	-3.1	500.4	999.9	99.9	999.9	102.4	129.
67.6	145.0	20472.5	49.0	-60.0	99.9	270.1	3.0	3.0	-0.0	504.9	999.9	99.9	999.9	102.4	129.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
1535 GMT

147 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
68.2	146.0	20866.6	46.0	-60.4	99.9	308.4	22.6	17.7	-14.1	513.3	999.9	99.9	999.9	103.5	129.
69.3	147.0	21286.2	43.0	-61.1	99.9	306.4	16.3	13.1	-9.7	521.6	999.9	99.9	999.9	104.9	129.
70.6	148.0	21733.1	40.0	-63.3	95.9	298.6	11.7	10.3	-5.6	527.0	999.9	99.9	999.9	105.8	129.
72.1	149.0	22212.6	37.0	-63.1	95.9	307.7	11.9	9.4	-7.3	539.3	999.9	99.9	999.9	107.2	129.
73.5	150.0	22732.9	34.0	-63.1	95.9	289.1	14.9	14.1	-4.9	552.5	999.9	99.9	999.9	107.8	128.
75.0	151.0	23302.3	31.0	-62.4	99.9	297.6	23.8	21.0	-11.0	569.3	999.9	99.9	999.9	108.6	128.
76.7	152.0	23929.7	28.0	-63.1	99.9	295.1	19.5	17.6	-8.3	584.1	999.9	99.9	999.9	111.5	128.
78.5	153.0	24629.7	25.0	-61.4	99.9	274.7	12.1	12.1	-1.0	608.0	999.9	99.9	999.9	112.8	128.
80.5	154.0	25423.8	22.0	-60.7	99.9	288.8	20.5	19.4	-6.6	632.8	999.9	99.9	999.9	114.5	127.
82.7	155.0	26340.1	19.0	-58.8	95.9	288.0	20.6	19.6	-6.4	665.8	999.9	99.9	999.9	117.6	127.
85.4	156.0	27421.5	16.0	-57.8	95.9	281.1	21.3	20.9	-4.1	702.7	999.9	99.9	999.9	121.4	126.
88.6	157.0	28746.8	13.0	-52.7	95.9	999.9	99.9	99.9	99.9	763.5	999.9	99.9	999.9	999.9	999.

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
1758 GMT

147 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.3	791.0	933.5	-10.0	-18.2	330.0	6.7	3.4	-5.8	268.5	271.1	1.0	51.0	0.0	0.
0.3	12.0	853.2	926.0	-10.4	-18.7	326.5	9.9	5.4	-8.2	268.7	271.2	0.9	50.3	0.2	154.
0.7	13.0	945.0	915.0	-11.4	-18.6	325.9	9.8	5.5	-8.1	268.6	271.2	1.0	54.9	0.4	152.
0.9	14.0	1037.6	904.0	-12.4	-19.0	325.3	9.8	5.6	-8.1	268.5	271.0	0.9	57.6	0.5	150.
1.2	15.0	1130.9	893.0	-13.5	-20.8	329.9	10.2	5.1	-8.8	268.2	270.5	0.8	54.2	0.6	149.
1.7	16.0	1242.5	880.0	-13.4	-22.5	337.9	12.7	4.8	-11.8	269.5	271.5	0.7	46.1	1.0	151.
2.1	17.0	1329.9	870.0	-11.3	-20.8	337.3	15.7	6.1	-14.5	272.6	274.9	0.8	45.0	1.3	154.
2.4	18.0	1427.7	859.0	-10.6	-21.7	331.5	17.2	8.2	-15.1	274.3	276.5	0.8	39.3	1.6	154.
2.7	19.0	1527.2	848.0	-8.5	-22.3	330.0	19.1	9.6	-16.6	277.5	279.6	0.7	31.8	1.9	153.
3.0	20.0	1609.9	839.0	-9.0	-24.5	330.4	21.3	10.6	-18.5	277.8	279.6	0.6	27.0	2.2	152.
3.3	21.0	1740.4	825.0	-8.0	-27.3	332.6	22.9	10.6	-20.4	280.2	281.7	0.5	19.4	2.7	152.
3.7	22.0	1835.1	815.0	-8.5	-18.1	332.8	22.9	10.5	-20.3	280.7	283.9	1.1	46.0	3.3	152.
4.0	23.0	1930.7	805.0	-9.1	-18.3	331.1	21.2	10.2	-18.5	281.1	284.2	1.1	47.2	3.7	153.
4.3	24.0	2017.7	796.0	-9.1	-20.9	329.0	21.6	11.1	-18.5	281.9	284.5	0.9	37.8	4.0	152.
4.7	25.0	2115.5	786.0	-9.4	-21.0	327.2	23.1	12.5	-19.4	282.6	285.2	0.9	38.1	4.6	152.
5.1	26.0	2244.2	773.0	-10.3	-21.7	326.1	24.9	13.9	-20.6	283.1	285.6	0.9	38.3	5.2	151.
5.4	27.0	2344.2	763.0	-11.4	-23.3	324.7	24.2	14.0	-19.7	282.9	285.1	0.8	36.6	5.6	151.
5.8	28.0	2435.1	754.0	-12.1	-27.2	324.1	22.7	13.3	-18.3	283.0	284.6	0.5	27.1	6.2	150.
6.2	29.0	2537.3	744.0	-11.7	-46.4	327.3	21.8	11.8	-18.3	284.5	284.8	0.1	3.7	6.7	150.
6.6	30.0	2640.9	734.0	-11.9	-51.8	332.9	22.5	10.2	-20.0	285.5	285.6	0.0	2.0	7.2	150.
7.0	31.0	2746.0	724.0	-11.4	-57.2	335.8	24.3	10.0	-22.2	287.0	287.1	0.0	1.0	7.7	150.
7.3	32.0	2841.7	715.0	-12.1	-43.3	333.9	23.8	10.5	-21.4	287.3	287.7	0.1	5.4	8.2	150.
7.7	33.0	2949.3	705.0	-12.6	-42.2	332.0	23.0	10.8	-20.3	288.0	288.4	0.1	6.3	8.8	151.
8.0	34.0	3047.3	696.0	-13.4	-40.7	331.0	22.2	10.7	-19.4	288.1	288.6	0.2	7.9	9.2	151.
8.3	35.0	3146.2	687.0	-14.0	-37.4	330.6	21.0	10.3	-18.3	288.6	289.3	0.2	11.6	9.6	150.
8.8	36.0	3268.7	676.0	-14.1	-35.5	330.6	19.6	9.6	-17.1	289.8	290.6	0.3	14.3	10.2	150.
9.2	37.0	3370.3	667.0	-14.8	-32.8	330.9	19.3	9.4	-16.8	290.1	291.2	0.4	19.8	10.6	150.
9.6	38.0	3473.0	658.0	-15.6	-32.9	331.1	19.5	9.4	-17.1	290.3	291.4	0.4	20.9	11.1	151.
9.9	39.0	3576.8	649.0	-16.2	-32.9	331.1	19.9	9.6	-17.4	290.8	292.0	0.4	22.0	11.5	151.
10.2	40.0	3681.7	640.0	-17.1	-32.0	331.1	20.1	9.7	-17.6	290.9	292.2	0.4	25.9	11.8	151.
10.8	41.0	3811.6	629.0	-17.8	-31.1	330.3	20.7	10.3	-18.0	291.6	293.0	0.4	30.0	12.5	151.
11.1	42.0	3919.2	620.0	-18.6	-30.4	329.3	21.2	10.8	-18.2	291.8	293.3	0.5	34.4	12.9	151.
11.5	43.0	4028.2	611.0	-19.0	-30.5	327.2	22.1	11.9	-18.5	292.6	294.1	0.5	35.2	13.4	151.
11.9	44.0	4138.5	602.0	-19.7	-31.1	325.1	22.4	12.8	-18.4	293.0	294.5	0.5	35.5	14.0	150.
12.2	45.0	4237.8	594.0	-20.1	-31.6	324.2	22.2	13.0	-18.0	293.7	295.1	0.5	34.9	14.4	150.
12.6	46.0	4350.8	585.0	-20.8	-32.5	323.9	21.5	12.7	-17.4	294.2	295.5	0.4	34.0	15.0	150.
13.0	47.0	4452.5	577.0	-21.5	-32.4	325.0	20.6	11.8	-16.9	294.6	295.9	0.4	36.3	15.4	150.
13.4	48.0	4568.2	568.0	-22.3	-32.8	326.9	20.2	11.0	-16.9	295.0	296.3	0.4	37.5	15.9	150.
13.7	49.0	4672.4	560.0	-22.8	-33.4	328.1	20.1	10.6	-17.0	295.5	296.8	0.4	37.0	16.3	149.
14.1	50.0	4777.8	552.0	-23.3	-34.4	329.4	20.1	10.2	-17.3	296.1	297.3	0.4	35.1	16.7	149.
14.6	51.0	4911.4	542.0	-24.1	-35.7	329.8	20.4	10.3	-17.6	296.7	297.8	0.3	33.1	17.3	150.
15.0	52.0	5033.3	533.0	-25.1	-37.0	329.3	20.7	10.6	-17.8	297.0	298.0	0.3	31.8	17.8	150.
15.3	53.0	5143.0	525.0	-26.0	-38.3	328.5	21.0	11.0	-17.9	297.2	298.0	0.3	30.1	18.2	150.
15.7	54.0	5240.0	518.0	-27.0	-39.3	327.4	21.4	11.5	-18.0	297.0	297.8	0.2	30.1	18.7	149.
16.1	55.0	5352.0	510.0	-28.0	-40.1	326.3	21.7	12.1	-18.0	297.2	298.0	0.2	30.1	19.2	149.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
1758 GMT

147 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.4	56.0	5493.9	500.0	-29.0	-41.0	325.5	21.7	12.3	-17.9	297.6	298.3	0.2	30.1	19.7	149.
16.9	57.0	5609.1	492.0	-29.8	-41.7	324.4	22.0	12.8	-17.9	298.0	298.7	0.2	30.1	20.3	149.
17.2	58.0	5725.6	484.0	-31.0	-42.8	324.1	22.6	13.3	-18.3	298.0	298.5	0.2	30.1	20.6	149.
17.6	59.0	5828.8	477.0	-31.8	-43.5	324.1	23.7	13.9	-19.2	298.2	298.8	0.2	30.1	21.2	149.
18.0	60.0	5948.1	469.0	-32.9	-44.4	324.4	24.4	14.2	-19.8	298.3	298.9	0.2	30.1	21.8	149.
18.3	61.0	6069.0	461.0	-33.7	-45.1	324.4	23.6	13.7	-19.2	298.8	299.3	0.1	30.1	22.3	149.
18.8	62.0	6176.2	454.0	-34.1	-45.5	324.4	22.5	13.1	-18.3	299.6	300.1	0.1	30.1	23.0	149.
19.2	63.0	6285.0	447.0	-34.3	-45.7	324.4	22.6	13.2	-18.4	300.6	301.1	0.1	30.1	23.4	149.
19.6	64.0	6411.2	439.0	-35.0	-46.3	324.5	23.6	13.7	-19.2	301.3	301.8	0.1	30.2	23.9	148.
20.0	65.0	6523.1	432.0	-35.7	-46.9	324.6	24.7	14.3	-20.1	301.9	302.3	0.1	30.2	24.6	148.
20.5	66.0	6669.4	423.0	-36.3	-48.0	324.8	23.9	13.7	-19.5	302.8	303.2	0.1	28.4	25.4	148.
20.9	67.0	6784.8	416.0	-37.6	-49.7	326.2	22.5	12.5	-18.7	302.7	303.0	0.1	26.6	25.9	148.
21.3	68.0	6901.7	409.0	-38.5	-50.5	328.3	21.5	11.3	-18.3	302.9	303.3	0.1	26.6	26.4	148.
21.7	69.0	7020.2	402.0	-39.1	-51.0	330.6	21.2	10.4	-18.5	303.7	304.0	0.1	26.6	26.9	148.
22.1	70.0	7140.5	395.0	-39.6	-51.5	332.3	21.7	10.1	-19.2	304.6	304.8	0.1	26.6	27.4	148.
22.6	71.0	7280.2	387.0	-40.6	-52.9	332.5	23.5	10.8	-20.8	305.2	999.9	99.9	999.9	28.0	148.
23.0	72.0	7404.3	380.0	-41.5	-53.9	331.6	25.3	12.0	-22.3	305.5	999.9	99.9	999.9	28.6	148.
23.2	73.0	7512.2	374.0	-41.8	-54.9	331.2	25.5	12.3	-22.3	306.5	999.9	99.9	999.9	29.0	148.
23.7	74.0	7640.1	367.0	-42.2	-55.9	331.0	25.1	12.2	-21.9	307.6	999.9	99.9	999.9	29.8	148.
24.1	75.0	7770.1	360.0	-43.2	-56.9	332.0	23.9	11.2	-21.1	308.0	999.9	99.9	999.9	30.4	149.
24.5	76.0	7902.1	353.0	-44.2	-57.9	333.7	23.1	10.2	-20.7	308.4	999.9	99.9	999.9	30.9	149.
24.9	77.0	8016.9	347.0	-44.8	-58.9	334.2	23.8	10.4	-21.4	309.1	999.9	99.9	999.9	31.4	149.
25.3	78.0	8133.4	341.0	-45.3	-59.9	333.4	24.9	11.1	-22.3	309.7	999.9	99.9	999.9	32.0	149.
25.6	79.0	8251.6	335.0	-46.1	-60.9	332.6	25.6	11.8	-22.8	310.5	999.9	99.9	999.9	32.4	149.
26.0	80.0	8371.6	329.0	-46.9	-61.9	331.2	25.9	12.5	-22.7	310.9	999.9	99.9	999.9	33.2	149.
26.5	81.0	8534.5	321.0	-47.7	-62.9	329.8	25.2	12.7	-21.8	312.1	999.9	99.9	999.9	33.9	149.
26.9	82.0	8658.8	315.0	-48.7	-63.9	329.0	25.8	13.3	-22.1	312.3	999.9	99.9	999.9	34.4	149.
27.4	83.0	8785.0	309.0	-49.6	-64.9	327.6	27.3	14.6	-23.1	312.8	999.9	99.9	999.9	35.3	149.
27.7	84.0	8891.6	304.0	-50.4	-65.9	326.3	28.3	15.7	-23.5	313.2	999.9	99.9	999.9	35.8	149.
28.3	85.0	9021.6	298.0	-50.8	-66.9	323.6	30.1	17.9	-24.3	314.3	999.9	99.9	999.9	36.8	149.
28.8	86.0	9176.1	291.0	-51.7	-67.9	322.9	31.7	19.1	-25.3	315.2	999.9	99.9	999.9	37.7	149.
29.3	87.0	9311.1	285.0	-52.1	-68.9	322.9	33.2	20.0	-26.5	316.6	999.9	99.9	999.9	38.7	149.
29.7	88.0	9448.8	279.0	-52.2	-69.9	321.9	33.7	20.8	-26.5	318.3	999.9	99.9	999.9	39.5	148.
30.1	89.0	9566.0	274.0	-51.7	-70.9	319.2	33.3	21.8	-25.2	320.6	999.9	99.9	999.9	40.4	148.
30.5	90.0	9709.7	268.0	-51.3	-71.9	314.0	32.4	23.3	-22.5	323.4	999.9	99.9	999.9	41.2	148.
30.9	91.0	9832.1	263.0	-51.4	-72.9	307.2	32.3	25.7	-19.5	324.9	999.9	99.9	999.9	41.8	148.
31.4	92.0	9981.7	257.0	-52.1	-73.9	300.1	33.6	29.1	-16.8	326.1	999.9	99.9	999.9	42.8	147.
31.8	93.0	10108.7	252.0	-53.0	-74.9	296.5	34.7	31.0	-15.5	326.5	999.9	99.9	999.9	43.4	147.
32.2	94.0	10237.8	247.0	-53.6	-75.9	294.9	35.3	32.1	-14.9	327.5	999.9	99.9	999.9	44.2	146.
32.6	95.0	10369.0	242.0	-54.6	-76.9	295.0	35.5	32.2	-15.0	328.0	999.9	99.9	999.9	45.0	146.
33.3	96.0	10556.2	235.0	-56.2	-78.9	298.4	34.8	30.6	-16.5	328.2	999.9	99.9	999.9	46.2	145.
33.6	97.0	10692.6	230.0	-56.9	-79.9	299.8	34.1	29.6	-17.0	329.2	999.9	99.9	999.9	46.9	144.
34.2	98.0	10803.9	226.0	-56.4	-80.9	302.0	34.4	29.2	-18.2	331.7	999.9	99.9	999.9	47.8	144.
34.8	99.0	10946.3	221.0	-55.1	-81.9	304.0	37.2	30.8	-20.8	335.8	999.9	99.9	999.9	49.0	143.
35.3	100.0	11093.2	216.0	-52.8	-82.9	303.6	37.8	31.5	-20.9	341.5	999.9	99.9	999.9	50.3	143.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
1758 GMT

147 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.9	101.0	11275.5	210.0	-51.7	95.9	301.3	37.3	31.9	-19.4	346.0	999.9	99.9	999.9	51.4	142.
36.3	102.0	11431.4	205.0	-52.8	99.9	300.5	37.4	32.2	-19.0	346.7	999.9	99.9	999.9	52.3	142.
36.9	103.0	11558.5	201.0	-53.0	99.9	300.1	37.5	32.4	-18.8	348.4	999.9	99.9	999.9	53.6	141.
37.3	104.0	11721.0	196.0	-52.8	99.9	300.0	38.3	33.2	-19.2	351.1	999.9	99.9	999.9	54.3	141.
37.8	105.0	11854.3	192.0	-52.2	99.9	300.2	40.1	34.6	-20.2	354.2	999.9	99.9	999.9	55.4	141.
38.2	106.0	11990.3	188.0	-53.0	99.9	300.4	41.0	35.3	-20.7	355.1	999.9	99.9	999.9	56.4	140.
38.7	107.0	12164.1	183.0	-53.0	95.9	300.3	41.0	35.4	-20.7	357.8	999.9	99.9	999.9	57.6	140.
39.1	108.0	12306.4	179.0	-53.6	95.9	300.2	40.6	35.1	-20.4	359.1	999.9	99.9	999.9	58.4	140.
39.7	109.0	12488.6	174.0	-53.6	95.9	299.5	38.2	33.3	-18.8	362.0	999.9	99.9	999.9	59.9	139.
40.2	110.0	12637.9	170.0	-54.1	99.9	298.2	34.8	30.6	-16.4	363.6	999.9	99.9	999.9	61.0	139.
40.9	111.0	12829.3	165.0	-54.4	99.9	297.3	33.9	30.1	-15.6	366.2	999.9	99.9	999.9	62.0	138.
41.4	112.0	12986.6	161.0	-54.4	99.9	297.2	34.4	30.6	-15.7	368.8	999.9	99.9	999.9	63.2	138.
41.9	113.0	13147.5	157.0	-55.1	99.9	296.6	32.5	29.1	-14.5	370.3	999.9	99.9	999.9	64.2	138.
42.4	114.0	13312.3	153.0	-55.2	99.9	297.5	31.7	28.2	-14.7	372.8	999.9	99.9	999.9	65.0	137.
43.0	115.0	13481.2	149.0	-55.7	95.9	300.8	37.3	32.0	-19.1	374.8	999.9	99.9	999.9	65.8	137.
43.6	116.0	13654.1	145.0	-56.6	95.9	301.3	45.1	38.5	-23.4	376.3	999.9	99.9	999.9	67.5	137.
44.1	117.0	13831.7	141.0	-56.4	99.9	300.6	46.0	39.6	-23.4	379.6	999.9	99.9	999.9	69.0	136.
44.6	118.0	14014.2	137.0	-56.7	99.9	300.2	42.4	36.6	-21.4	382.1	999.9	99.9	999.9	70.4	136.
45.2	119.0	14154.6	134.0	-56.7	99.9	300.6	39.8	34.2	-20.3	384.5	999.9	99.9	999.9	71.5	136.
45.7	120.0	14346.5	130.0	-57.2	99.9	300.8	39.3	33.7	-20.1	387.0	999.9	99.9	999.9	72.8	135.
46.2	121.0	14494.0	127.0	-57.6	95.9	299.9	37.7	32.7	-18.8	389.0	999.9	99.9	999.9	73.9	135.
46.9	122.0	14696.3	123.0	-57.1	95.9	296.6	32.6	29.2	-14.6	393.5	999.9	99.9	999.9	75.4	135.
47.4	123.0	14852.8	120.0	-56.6	95.9	294.6	29.9	27.2	-12.5	397.2	999.9	99.9	999.9	76.2	135.
48.1	124.0	15067.8	116.0	-56.7	99.9	293.1	29.1	26.7	-11.4	400.7	999.9	99.9	999.9	77.3	134.
48.6	125.0	15234.0	113.0	-56.4	99.9	293.1	29.0	26.7	-11.3	404.4	999.9	99.9	999.9	78.2	134.
49.4	126.0	15462.9	109.0	-56.2	99.9	293.9	29.8	27.3	-12.1	408.9	999.9	99.9	999.9	79.4	134.
49.9	127.0	15639.9	106.0	-56.9	99.9	293.2	30.5	28.0	-12.0	410.9	999.9	99.9	999.9	80.3	134.
50.6	128.0	15883.5	102.0	-57.1	95.9	293.1	28.7	26.4	-11.2	415.1	999.9	99.9	999.9	81.6	133.
51.3	129.0	16072.4	99.0	-57.1	95.9	294.5	25.1	22.8	-10.4	418.7	999.9	99.9	999.9	82.6	133.
52.0	130.0	16266.9	96.0	-57.8	95.9	290.1	19.7	18.5	-6.8	421.0	999.9	99.9	999.9	83.6	133.
52.9	131.0	16467.2	93.0	-57.8	99.9	280.5	18.5	18.2	-3.4	424.9	999.9	99.9	999.9	84.0	132.
53.5	132.0	16673.6	90.0	-58.6	99.9	284.5	22.3	21.6	-5.6	427.2	999.9	99.9	999.9	84.9	132.
54.1	133.0	16885.9	87.0	-60.2	99.9	287.6	23.3	22.2	-7.0	428.1	999.9	99.9	999.9	85.8	132.
54.8	134.0	17104.7	84.0	-60.4	99.9	293.1	26.5	24.4	-10.4	432.1	999.9	99.9	999.9	86.4	132.
55.4	135.0	17330.9	81.0	-61.1	95.9	288.4	22.6	21.4	-7.1	435.1	999.9	99.9	999.9	88.1	132.
56.2	136.0	17644.8	77.0	-62.0	95.9	255.3	13.3	12.8	3.4	439.5	999.9	99.9	999.9	88.1	131.
57.2	137.0	17891.0	74.0	-61.3	95.9	291.4	26.0	24.2	-9.5	446.1	999.9	99.9	999.9	88.3	131.
58.1	138.0	18237.3	70.0	-59.5	99.9	297.1	30.6	27.3	-14.0	457.1	999.9	99.9	999.9	91.0	131.
58.9	139.0	18510.9	67.0	-60.2	99.9	286.4	23.5	22.6	-6.7	461.3	999.9	99.9	999.9	91.7	130.
60.0	140.0	18796.6	64.0	-60.4	99.9	279.3	21.3	21.0	-3.4	467.0	999.9	99.9	999.9	93.2	130.
60.7	141.0	19094.5	61.0	-62.2	99.9	281.9	23.2	22.7	-4.8	469.4	999.9	99.9	999.9	93.7	130.
61.8	142.0	19406.7	58.0	-61.3	95.9	295.0	24.7	22.4	-10.4	478.3	999.9	99.9	999.9	95.4	129.
62.9	143.0	19737.8	55.0	-59.3	95.9	294.0	21.3	19.5	-8.7	490.2	999.9	99.9	999.9	97.0	129.
63.8	144.0	20091.0	52.0	-57.1	95.9	295.8	24.4	22.0	-10.6	503.3	999.9	99.9	999.9	97.9	129.
64.9	145.0	20594.8	48.0	-59.5	99.9	278.1	13.4	13.2	-1.9	509.2	999.9	99.9	999.9	99.6	129.

\* BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
1758 GMT

147 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.0	146.0	20997.7	45.0	-60.6	99.9	262.8	6.8	6.8	0.9	516.1	999.9	99.9	999.9	99.6	128.
67.2	147.0	21427.1	42.0	-60.8	99.9	282.7	11.2	11.0	-2.5	525.9	999.9	99.9	999.9	99.6	128.
68.3	148.0	21887.0	39.0	-61.9	99.9	304.8	24.9	20.4	-14.2	534.4	999.9	99.9	999.9	101.5	128.
69.6	149.0	22379.2	36.0	-64.5	99.9	305.4	24.9	20.3	-14.4	539.9	999.9	99.9	999.9	103.5	128.
70.7	150.0	22913.7	33.0	-62.4	99.9	297.5	8.8	7.8	-4.1	559.1	999.9	99.9	999.9	104.6	128.
72.1	151.0	23501.0	30.0	-63.2	99.9	284.7	8.8	8.5	-2.2	572.5	999.9	99.9	999.9	104.9	128.
73.8	152.0	24151.1	27.0	-61.9	99.9	288.9	19.4	18.3	-6.3	593.7	999.9	99.9	999.9	106.6	128.
75.6	153.0	24878.4	24.0	-62.8	99.9	261.3	13.3	13.2	2.0	611.3	999.9	99.9	999.9	107.7	127.
77.4	154.0	25705.2	21.0	-60.8	99.9	276.0	19.3	19.2	-2.0	641.2	999.9	99.9	999.9	109.7	126.
79.7	155.0	26670.7	18.0	-57.9	99.9	283.8	23.0	22.4	-5.5	679.0	999.9	99.9	999.9	112.7	126.
82.2	156.0	27820.1	15.0	-57.9	99.9	283.5	30.6	29.7	-7.2	715.4	999.9	99.9	999.9	115.7	125.
85.3	157.0	29234.0	12.0	-55.7	99.9	999.9	99.9	99.9	99.9	770.3	999.9	99.9	999.9	999.9	999.

STATION NO. 451  
DODGE CITY, KAN

6 FEBRUARY 1975  
2100 GMT

60 403. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	791.0	930.8	-4.4	-12.3	300.0	4.6	4.0	-2.3	274.5	278.8	1.6	54.0	0.0	0.
0.1	13.0	840.3	925.0	-3.9	-14.9	298.5	6.3	5.5	-3.0	275.5	279.0	1.3	42.1	0.2	121.
0.4	14.0	934.5	914.0	-5.1	-15.6	298.5	6.3	5.5	-3.0	275.1	278.5	1.2	43.5	0.2	121.
0.7	15.0	1020.9	904.0	-5.4	-15.4	300.1	6.3	5.5	-3.2	275.7	279.2	1.3	45.2	0.3	120.
1.1	16.0	1134.2	891.0	-6.9	-16.2	303.0	6.9	5.8	-3.8	275.3	278.6	1.2	47.4	0.4	120.
1.5	17.0	1222.2	881.0	-7.7	-16.2	304.9	8.8	7.2	-5.1	275.4	278.8	1.2	50.1	0.6	122.
1.8	18.0	1319.8	870.0	-8.4	-16.7	307.5	10.6	8.4	-6.5	275.6	278.9	1.2	51.3	0.8	123.
2.1	19.0	1409.4	860.0	-9.3	-17.4	310.0	12.3	9.4	-7.9	275.6	278.8	1.1	51.6	1.0	124.
2.5	20.0	1499.8	850.0	-9.4	-18.3	313.9	14.2	10.3	-9.9	276.4	279.3	1.1	48.2	1.3	126.
3.0	21.0	1609.7	838.0	-9.3	-19.9	320.6	17.6	11.2	-13.6	277.6	280.3	0.9	41.5	1.7	128.
3.4	22.0	1702.6	828.0	-9.0	-23.4	329.4	20.5	10.5	-17.7	278.9	280.9	0.7	29.9	2.2	132.
3.8	23.0	1796.7	818.0	-8.4	-21.3	333.9	22.6	9.9	-20.3	280.5	282.9	0.8	34.2	2.7	136.
4.2	24.0	1892.1	808.0	-8.6	-20.4	335.3	22.6	9.4	-20.5	281.3	284.0	0.9	37.6	3.2	139.
4.6	25.0	1988.6	798.0	-9.3	-21.3	333.8	21.1	9.3	-18.9	281.5	284.0	0.9	36.7	3.8	142.
5.1	26.0	2105.8	786.0	-9.0	-21.3	329.3	19.9	10.2	-17.1	283.1	285.6	0.9	36.1	4.3	143.
5.4	27.0	2194.9	777.0	-9.3	-26.9	329.4	19.5	9.9	-16.8	283.7	285.3	0.5	22.2	4.7	143.
5.8	28.0	2295.0	767.0	-9.4	-29.4	332.9	19.3	8.8	-17.2	284.5	285.8	0.4	17.7	5.2	144.
6.1	29.0	2386.2	758.0	-9.7	-38.4	334.4	19.6	8.5	-17.7	285.2	285.7	0.2	7.5	5.5	145.
6.4	30.0	2488.6	748.0	-9.7	-40.6	332.5	20.4	9.5	-18.1	286.2	286.7	0.1	5.9	5.9	145.
6.8	31.0	2582.2	739.0	-9.0	-43.3	329.9	19.9	10.0	-17.2	288.0	288.4	0.1	4.2	6.4	146.
7.1	32.0	2687.5	729.0	-9.6	-43.6	328.1	19.4	10.2	-16.5	288.5	288.9	0.1	4.3	6.7	146.
7.5	33.0	2783.2	720.0	-10.4	-38.8	326.5	19.5	10.8	-16.2	288.6	289.2	0.2	7.6	7.1	146.
7.8	34.0	2890.7	710.0	-11.2	-31.5	325.7	19.2	10.8	-15.9	289.0	290.2	0.4	16.6	7.5	146.
8.2	35.0	2988.5	701.0	-11.9	-28.6	324.8	18.8	10.9	-15.4	289.3	290.8	0.5	23.3	8.0	146.
8.5	36.0	3098.5	691.0	-12.2	-26.1	324.1	18.5	10.8	-15.0	290.2	292.1	0.6	29.9	8.3	146.
9.0	37.0	3209.9	681.0	-12.4	-25.3	323.6	18.7	11.1	-15.0	291.1	293.2	0.7	33.2	8.8	146.
9.3	38.0	3311.5	672.0	-12.7	-28.3	323.5	19.0	11.3	-15.3	291.8	293.5	0.5	25.7	9.2	146.
9.7	39.0	3414.2	663.0	-13.7	-28.2	323.6	19.3	11.5	-15.6	291.9	293.6	0.6	27.9	9.7	145.
10.0	40.0	3506.3	655.0	-14.5	-28.8	323.8	19.4	11.5	-15.7	291.9	293.6	0.5	28.4	10.0	145.
10.5	41.0	3634.4	644.0	-15.4	-29.1	324.2	19.1	11.2	-15.5	292.4	294.0	0.5	29.6	10.6	145.
10.9	42.0	3740.6	635.0	-15.9	-29.2	323.7	19.0	11.2	-15.3	292.9	294.6	0.5	30.7	11.0	145.
11.3	43.0	3836.0	627.0	-16.6	-28.4	322.1	19.0	11.7	-15.0	293.2	295.0	0.6	35.0	11.5	145.
11.6	44.0	3944.6	618.0	-17.2	-26.5	320.3	19.1	12.2	-14.7	293.8	295.6	0.6	36.4	11.9	145.
12.0	45.0	4054.5	609.0	-18.0	-25.1	317.1	19.1	13.0	-14.0	294.1	295.8	0.6	36.9	12.3	145.
12.3	46.0	4153.2	601.0	-18.8	-25.6	314.7	18.8	13.3	-13.2	294.3	296.0	0.5	37.7	12.6	145.
12.7	47.0	4265.5	592.0	-19.2	-30.8	311.6	18.3	13.7	-12.1	295.1	296.6	0.5	35.0	13.1	144.
13.1	48.0	4366.8	584.0	-19.1	-32.2	309.4	18.1	14.0	-11.5	296.4	297.7	0.4	30.0	13.5	144.
13.5	49.0	4469.4	576.0	-19.3	-33.9	308.9	19.1	14.8	-12.0	297.2	298.4	0.4	26.0	13.8	143.
13.9	50.0	4573.3	568.0	-19.7	-34.4	310.5	21.6	16.4	-14.0	297.9	299.1	0.4	25.5	14.2	143.
14.4	51.0	4718.2	557.0	-20.8	-35.4	311.5	23.9	17.9	-15.8	298.3	299.4	0.3	25.6	15.1	142.
14.8	52.0	4824.9	549.0	-21.9	-36.1	311.5	24.6	18.4	-16.3	298.3	299.3	0.3	26.0	15.7	142.
15.2	53.0	4919.2	542.0	-22.8	-36.3	311.3	24.7	18.6	-16.3	298.3	299.3	0.3	27.7	16.2	142.
15.6	54.0	5028.0	534.0	-24.0	-37.2	311.2	24.6	18.5	-16.2	298.1	299.0	0.3	28.2	16.8	141.
16.0	55.0	5138.0	526.0	-24.9	-37.4	311.1	24.0	18.1	-15.8	298.3	299.2	0.3	30.1	17.4	141.
16.5	56.0	5277.2	516.0	-26.1	-38.0	310.4	22.8	17.4	-14.8	298.5	299.4	0.3	31.4	18.1	141.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
CODGE CITY, KAN

6 FEBRUARY 1975  
2100 GMT

60 403. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.9	57.0	5390.0	508.0	-27.3	-37.8	310.3	22.8	17.4	-14.8	298.4	299.3	0.3	35.8	18.6	140.
17.4	58.0	5489.7	501.0	-28.4	-39.1	311.5	23.4	17.5	-15.5	298.3	299.1	0.3	34.5	19.3	140.
17.7	59.0	5605.0	493.0	-29.0	-40.0	313.0	23.5	17.2	-16.0	298.8	299.6	0.2	33.6	19.7	140.
18.1	60.0	5707.1	486.0	-29.7	-40.7	315.3	23.6	16.6	-16.7	299.2	300.0	0.2	33.0	20.3	139.
18.7	61.0	5825.4	478.0	-30.1	-41.4	316.8	24.2	16.6	-17.6	300.2	300.9	0.2	31.8	21.1	139.
19.3	62.0	5930.4	471.0	-30.1	-42.5	314.8	24.8	17.6	-17.4	301.4	302.1	0.2	28.3	22.0	139.
20.0	63.0	6052.3	463.0	-30.5	-44.3	310.5	23.6	17.9	-15.3	302.4	303.0	0.2	24.2	23.1	139.
20.8	64.0	6160.4	456.0	-31.3	-45.0	309.6	22.9	17.7	-14.6	302.7	303.2	0.1	24.2	24.2	139.
21.6	65.0	6269.9	449.0	-31.7	99.9	311.9	22.5	16.7	-15.0	303.6	999.9	99.9	999.9	25.2	138.
22.5	66.0	6412.8	440.0	-32.7	99.9	316.8	23.1	15.8	-16.8	304.1	999.9	99.9	999.9	26.4	138.
23.1	67.0	6541.9	432.0	-33.4	99.9	320.1	25.3	16.2	-19.4	304.8	999.9	99.9	999.9	27.2	138.
24.2	68.0	6640.0	426.0	-33.9	99.9	322.2	25.7	15.7	-20.3	305.4	999.9	99.9	999.9	29.1	138.
25.5	69.0	6755.8	419.0	-35.1	99.9	320.9	27.7	17.4	-21.5	305.3	999.9	99.9	999.9	31.1	138.
26.6	70.0	6873.2	412.0	-35.5	99.9	999.9	99.9	99.9	99.9	306.2	999.9	99.9	999.9	999.9	999.
28.2	71.0	7026.5	403.0	-36.6	99.9	999.9	99.9	99.9	99.9	306.8	999.9	99.9	999.9	999.9	999.

STATION NO. 451  
DODGE CITY, KAN

7 FEBRUARY 1975  
515 GMT

147 13.0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.1	791.0	927.6	-8.9	-11.7	220.0	4.1	2.6	3.1	270.2	274.6	1.7	80.0	0.0	0.
0.3	13.0	889.8	916.0	-1.7	-13.5	243.5	8.3	7.4	3.7	278.6	282.6	1.5	39.7	0.4	54.
0.6	14.0	977.5	906.0	0.1	-11.7	278.8	6.1	6.1	-0.9	281.3	286.0	1.7	40.4	0.4	55.
1.0	15.0	1075.5	895.0	1.1	-13.1	358.3	19.5	0.6	-19.5	283.3	287.6	1.6	33.7	0.6	58.
1.3	16.0	1192.9	882.0	-0.2	-18.1	302.3	8.6	7.3	-4.6	283.1	286.0	1.0	24.3	0.6	138.
1.7	17.0	1293.1	871.0	-1.2	-17.4	226.1	21.2	15.3	14.7	283.1	286.3	1.1	27.7	0.6	115.
2.1	18.0	1394.5	860.0	-1.0	-18.6	218.5	30.4	18.9	23.8	284.3	287.2	1.0	24.9	1.5	62.
2.4	19.0	1478.3	851.0	-1.7	-20.1	236.8	16.2	13.5	8.8	284.4	287.1	0.9	22.8	1.7	64.
2.7	20.0	1581.6	840.0	-2.6	-20.9	252.3	11.7	11.2	3.6	284.5	287.0	0.9	22.9	1.9	65.
3.1	21.0	1705.2	827.0	-3.1	-22.7	254.6	10.6	10.2	2.8	285.3	287.4	0.7	20.2	2.2	66.
3.5	22.0	1801.4	817.0	-3.5	-23.1	260.7	10.2	10.0	1.6	285.7	287.9	0.7	20.2	2.4	66.
3.8	23.0	1898.6	807.0	-3.8	-23.3	268.4	10.6	10.6	0.3	286.4	288.6	0.7	20.2	2.6	68.
4.1	24.0	1996.5	797.0	-4.5	-23.8	275.1	11.3	11.3	-1.0	286.8	288.9	0.7	20.3	2.8	70.
4.5	25.0	2096.2	787.0	-5.1	-26.0	281.6	12.9	12.6	-2.6	287.2	288.9	0.6	17.4	3.0	72.
4.9	26.0	2227.0	774.0	-5.1	-26.0	288.0	13.3	12.6	-4.1	288.5	290.3	0.6	17.4	3.3	75.
5.3	27.0	2329.0	764.0	-5.8	-26.6	295.9	12.9	11.6	-5.6	288.8	290.5	0.6	17.4	3.5	78.
5.7	28.0	2432.1	754.0	-6.6	-27.2	301.2	13.1	11.2	-6.8	289.0	290.7	0.5	17.5	3.8	81.
6.0	29.0	2525.7	745.0	-7.6	-28.0	302.2	13.9	11.8	-7.4	288.9	290.5	0.5	17.6	4.0	84.
6.3	30.0	2641.2	734.0	-8.8	-28.9	305.5	14.4	11.7	-8.4	288.8	290.3	0.5	17.7	4.2	86.
6.7	31.0	2736.6	725.0	-9.5	-27.9	309.1	15.5	12.0	-9.8	289.1	290.7	0.5	20.6	4.4	89.
7.0	32.0	2843.7	715.0	-10.3	-30.1	311.1	16.7	12.6	-11.0	289.4	290.8	0.4	17.8	4.6	91.
7.2	33.0	2941.3	706.0	-10.3	-32.1	312.2	17.3	12.8	-11.6	290.4	291.6	0.4	14.6	4.8	93.
7.6	34.0	3051.1	696.0	-10.7	-35.1	314.2	18.2	13.0	-12.7	291.1	292.0	0.3	11.3	5.2	96.
8.0	35.0	3151.1	687.0	-10.8	-35.2	315.9	18.6	12.9	-13.4	292.1	292.9	0.3	11.3	5.5	99.
8.3	36.0	3286.3	675.0	-11.7	-35.6	317.9	18.3	12.3	-13.6	292.6	293.2	0.2	7.7	5.8	101.
8.7	37.0	3389.0	666.0	-12.4	-40.0	320.7	17.9	11.3	-13.9	292.9	293.5	0.2	7.8	6.2	104.
9.1	38.0	3492.8	657.0	-13.1	-36.8	323.6	17.6	10.4	-14.1	293.2	294.0	0.2	11.5	6.5	106.
9.4	39.0	3597.7	648.0	-13.8	-37.3	324.9	17.5	10.1	-14.3	293.6	294.4	0.2	11.6	6.7	108.
9.8	40.0	3703.2	639.0	-14.4	-37.7	325.2	17.6	10.0	-14.4	294.1	294.9	0.2	11.7	7.1	110.
10.3	41.0	3835.3	628.0	-15.2	-38.3	324.3	17.8	10.4	-14.4	294.7	295.4	0.2	11.7	7.5	112.
10.7	42.0	3944.2	619.0	-15.9	-38.8	323.5	18.0	10.7	-14.5	295.1	295.8	0.2	11.8	7.9	114.
11.1	43.0	4054.5	610.0	-16.3	-39.1	323.1	18.4	11.0	-14.7	295.8	296.5	0.2	11.9	8.2	115.
11.5	44.0	4166.2	601.0	-16.9	-39.5	323.2	18.8	11.3	-15.1	296.5	297.1	0.2	11.9	8.6	117.
11.8	45.0	4266.7	593.0	-17.7	-40.1	323.6	19.1	11.3	-15.4	296.7	297.3	0.2	12.0	9.0	118.
12.2	46.0	4381.1	584.0	-17.7	-40.1	324.0	19.4	11.4	-15.7	298.0	298.6	0.2	12.0	9.4	119.
12.5	47.0	4484.3	576.0	-18.1	-40.4	324.2	19.6	11.4	-15.9	298.6	299.3	0.2	12.0	9.7	120.
12.9	48.0	4601.8	567.0	-18.9	-41.0	324.2	20.2	11.8	-16.4	299.0	299.7	0.2	12.1	10.1	121.
13.3	49.0	4707.4	559.0	-20.0	-41.8	323.8	21.0	12.4	-16.9	299.0	299.6	0.2	12.2	10.5	122.
13.7	50.0	4814.1	551.0	-20.6	-42.3	323.3	21.6	12.9	-17.3	299.4	300.0	0.2	12.3	11.0	123.
14.0	51.0	4963.0	540.0	-21.6	-42.9	322.8	21.8	13.2	-17.4	300.0	300.6	0.2	12.4	11.5	124.
14.4	52.0	5072.8	532.0	-22.6	-43.7	321.4	21.6	13.5	-16.9	300.0	300.5	0.1	12.5	11.9	124.
14.7	53.0	5197.8	523.0	-23.4	-44.3	319.9	21.4	13.8	-16.4	300.5	301.0	0.1	12.6	12.3	125.
15.1	54.0	5296.1	516.0	-24.5	-45.1	317.4	21.3	14.4	-15.6	300.4	300.9	0.1	12.7	12.8	126.
15.4	55.0	5409.2	508.0	-25.3	-45.7	315.3	21.3	15.0	-15.1	300.8	301.2	0.1	12.8	13.2	126.
15.9	56.0	5553.9	498.0	-25.9	-46.2	312.6	21.6	15.9	-14.6	301.7	302.1	0.1	12.8	13.8	126.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

7 FEBRUARY 1975  
515 GMT

147 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.3	57.0	5671.0	490.0	-26.7	-46.8	312.0	22.4	16.7	-15.0	302.2	302.5	0.1	12.9	14.3	126.
16.6	58.0	5774.7	483.0	-27.4	-47.3	312.1	23.3	17.3	-15.6	302.6	303.0	0.1	13.0	14.7	126.
17.0	59.0	5894.7	475.0	-28.6	-48.2	313.2	24.8	18.1	-17.0	302.6	302.9	0.1	13.1	15.3	127.
17.3	60.0	6000.9	468.0	-29.2	-48.6	313.9	25.6	18.4	-17.7	303.0	303.4	0.1	13.2	15.7	127.
17.7	61.0	6123.9	460.0	-30.0	-49.2	314.1	26.2	18.8	-18.2	303.6	303.9	0.1	13.2	16.4	127.
18.1	62.0	6248.7	452.0	-30.7	-49.7	313.5	26.3	19.1	-18.1	304.3	304.6	0.1	13.3	17.0	128.
18.5	63.0	6359.3	445.0	-31.8	-50.6	312.1	26.4	19.6	-17.7	304.1	304.4	0.1	13.4	17.6	128.
18.9	64.0	6471.2	438.0	-32.5	-51.1	311.2	27.0	20.3	-17.8	304.7	305.0	0.1	13.5	18.3	128.
19.3	65.0	6584.6	431.0	-33.4	-51.8	311.1	27.5	20.7	-18.1	304.9	305.2	0.1	13.6	18.9	128.
19.8	66.0	6732.4	422.0	-34.5	99.9	311.4	28.1	21.1	-18.6	305.5	999.9	99.9	999.9	19.7	128.
20.1	67.0	6849.3	415.0	-34.9	99.9	311.6	28.4	21.2	-18.9	306.5	999.9	99.9	999.9	20.2	128.
20.5	68.0	6967.8	408.0	-35.8	99.9	311.9	28.9	21.5	-19.3	306.8	999.9	99.9	999.9	21.0	128.
20.9	69.0	7087.9	401.0	-36.4	99.9	312.4	29.5	21.8	-19.9	307.4	999.9	99.9	999.9	21.6	128.
21.2	70.0	7209.8	394.0	-37.2	99.9	312.9	30.1	22.0	-20.5	307.9	999.9	99.9	999.9	22.2	128.
21.7	71.0	7369.1	385.0	-38.6	99.9	313.5	31.2	22.6	-21.5	308.2	999.9	99.9	999.9	23.1	129.
22.1	72.0	7476.8	379.0	-39.5	99.9	313.7	31.9	23.1	-22.0	308.4	999.9	99.9	999.9	23.8	129.
22.4	73.0	7604.2	372.0	-40.2	99.9	313.5	32.2	23.3	-22.1	309.1	999.9	99.9	999.9	24.4	129.
22.8	74.0	7733.5	365.0	-41.1	99.9	313.3	32.0	23.3	-22.0	309.5	999.9	99.9	999.9	25.2	129.
23.1	75.0	7846.0	359.0	-41.8	99.9	313.2	31.9	23.3	-21.8	310.1	999.9	99.9	999.9	25.8	129.
23.5	76.0	7979.1	352.0	-42.9	99.9	313.2	31.9	23.3	-21.8	310.4	999.9	99.9	999.9	26.6	129.
24.0	77.0	8094.7	346.0	-44.1	99.9	313.6	33.4	24.2	-23.0	310.2	999.9	99.9	999.9	27.4	129.
24.4	78.0	8211.8	340.0	-45.1	99.9	314.6	35.4	25.2	-24.9	310.5	999.9	99.9	999.9	28.3	129.
24.8	79.0	8350.5	333.0	-46.0	99.9	316.1	37.0	25.7	-26.7	311.2	999.9	99.9	999.9	29.2	130.
25.2	80.0	8471.3	327.0	-46.7	99.9	317.8	38.1	25.6	-28.2	311.8	999.9	99.9	999.9	30.1	130.
25.7	81.0	8635.4	319.0	-47.2	99.9	319.6	38.9	25.2	-29.6	313.2	999.9	99.9	999.9	31.3	130.
26.2	82.0	8760.8	313.0	-48.3	99.9	319.7	40.2	26.0	-30.7	313.5	999.9	99.9	999.9	32.4	131.
26.6	83.0	8866.8	308.0	-48.5	99.9	318.7	41.8	27.6	-31.4	314.6	999.9	99.9	999.9	33.3	131.
27.0	84.0	8996.0	302.0	-49.4	99.9	317.3	43.6	29.5	-32.1	315.1	999.9	99.9	999.9	34.3	131.
27.3	85.0	9127.2	296.0	-50.3	99.9	317.1	44.2	30.1	-32.4	315.7	999.9	99.9	999.9	35.2	131.
27.9	86.0	9283.2	289.0	-51.0	99.9	317.3	45.8	31.1	-33.7	316.8	999.9	99.9	999.9	36.8	131.
28.3	87.0	9419.5	283.0	-51.6	99.9	317.9	48.1	32.2	-35.7	317.8	999.9	99.9	999.9	37.8	132.
28.8	88.0	9558.3	277.0	-52.3	99.9	318.6	50.7	33.5	-38.1	318.9	999.9	99.9	999.9	39.4	132.
29.2	89.0	9676.0	272.0	-53.0	99.9	319.0	51.8	34.0	-39.1	319.5	999.9	99.9	999.9	40.7	132.
29.7	90.0	9795.5	267.0	-53.3	99.9	318.9	52.9	34.8	-39.9	320.7	999.9	99.9	999.9	42.1	132.
30.2	91.0	9941.8	261.0	-53.5	99.9	317.9	55.2	37.0	-40.9	322.6	999.9	99.9	999.9	43.7	133.
30.6	92.0	10066.1	256.0	-54.1	99.9	316.6	57.2	39.3	-41.5	323.4	999.9	99.9	999.9	45.0	133.
31.0	93.0	10218.0	250.0	-54.9	99.9	315.0	58.4	41.3	-41.3	324.5	999.9	99.9	999.9	46.7	133.
31.5	94.0	10346.9	245.0	-55.7	99.9	313.5	58.4	42.3	-40.2	325.2	999.9	99.9	999.9	48.1	133.
32.0	95.0	10478.1	240.0	-56.3	99.9	313.1	56.3	41.2	-38.5	326.1	999.9	99.9	999.9	50.1	133.
32.6	96.0	10638.8	234.0	-56.5	99.9	313.5	53.3*	38.7	-36.7	326.2	999.9	99.9	999.9	52.0	133.
33.0	97.0	10775.9	229.0	-56.3	99.9	313.9	53.2*	38.3	-36.9	330.5	999.9	99.9	999.9	53.1	133.
33.6	98.0	10916.1	224.0	-56.3	99.9	312.8	53.4*	39.2	-36.3	332.6	999.9	99.9	999.9	55.1	133.
34.0	99.0	11059.6	219.0	-55.8	99.9	310.9	50.3*	38.0	-32.9	335.5	999.9	99.9	999.9	56.7	133.
34.5	100.0	11207.0	214.0	-54.9	99.9	306.9	42.9*	34.4	-25.8	339.2	999.9	99.9	999.9	58.1	133.
35.1	101.0	11388.8	208.0	-54.9	99.9	302.8	40.9*	34.4	-22.1	342.0	999.9	99.9	999.9	59.1	133.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

7 FEBRUARY 1975  
515 GMT

147 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.6	102.0	11513.0	204.0	-54.7	99.9	301.4	43.6*	37.2	-22.7	344.2	999.9	99.9	999.9	60.5	132.
36.1	103.0	11671.8	199.0	-54.4	99.9	301.0	46.2*	39.6	-23.8	347.1	999.9	99.9	999.9	61.9	132.
36.7	104.0	11802.0	195.0	-54.3	99.9	300.8	48.1*	41.3	-24.6	349.4	999.9	99.9	999.9	63.5	132.
37.2	105.0	11968.7	190.0	-53.9	99.9	300.4	48.6*	41.9	-24.6	352.5	999.9	99.9	999.9	64.9	132.
37.7	106.0	12105.4	186.0	-53.5	99.9	299.5	46.8*	40.8	-23.1	355.4	999.9	99.9	999.9	66.5	131.
38.1	107.0	12245.0	182.0	-54.3	99.9	298.4	44.2*	38.9	-21.0	356.3	999.9	99.9	999.9	67.6	131.
38.7	108.0	12423.4	177.0	-54.9	99.9	297.3	41.6*	36.9	-19.1	358.2	999.9	99.9	999.9	68.9	131.
39.2	109.0	12569.3	173.0	-55.7	99.9	297.6	42.6*	37.8	-19.7	359.2	999.9	99.9	999.9	70.1	131.
39.8	110.0	12718.3	169.0	-55.5	99.9	298.0	48.0*	42.3	-22.5	361.9	999.9	99.9	999.9	71.5	130.
40.4	111.0	12909.7	164.0	-55.7	99.9	297.5	51.1*	45.3	-23.5	364.7	999.9	99.9	999.9	73.5	130.
40.9	112.0	13066.7	160.0	-56.5	99.9	296.8	48.4*	43.2	-21.9	365.9	999.9	99.9	999.9	75.2	130.
41.5	113.0	13227.3	156.0	-56.7	99.9	296.9	44.6*	39.8	-20.2	368.3	999.9	99.9	999.9	76.3	129.
42.0	114.0	13392.2	152.0	-56.2	99.9	296.6	41.0*	36.7	-18.4	371.9	999.9	99.9	999.9	78.1	129.
42.5	115.0	13561.9	148.0	-55.7	99.9	295.5	35.9*	32.4	-15.4	375.6	999.9	99.9	999.9	79.1	129.
43.2	116.0	13736.4	144.0	-55.7	99.9	296.5	37.2*	33.3	-16.6	378.5	999.9	99.9	999.9	80.2	129.
43.8	117.0	13915.6	140.0	-56.3	99.9	296.0	41.2*	37.1	-18.1	380.5	999.9	99.9	999.9	81.8	129.
44.3	118.0	14099.6	136.0	-56.7	99.9	293.1	40.0*	36.8	-15.7	383.1	999.9	99.9	999.9	83.2	128.
44.8	119.0	14240.6	133.0	-57.8	99.9	289.6	36.5*	34.4	-12.2	383.5	999.9	99.9	999.9	84.1	128.
45.3	120.0	14433.0	129.0	-58.3	99.9	288.1	34.3*	32.6	-10.6	385.9	999.9	99.9	999.9	85.1	128.
45.9	121.0	14580.8	126.0	-59.1	99.9	289.3	33.2*	31.3	-11.0	387.0	999.9	99.9	999.9	86.2	128.
46.4	122.0	14783.0	122.0	-59.3	99.9	290.1	31.8*	29.8	-10.9	390.3	999.9	99.9	999.9	87.3	128.
47.0	123.0	14938.7	119.0	-59.8	99.9	288.7	29.7*	28.2	-9.5	392.1	999.9	99.9	999.9	88.2	127.
47.6	124.0	15097.7	116.0	-61.4	99.9	288.8	30.6*	29.0	-9.9	392.1	999.9	99.9	999.9	89.2	127.
48.2	125.0	15260.0	113.0	-61.9	99.9	290.5	35.7*	33.4	-12.5	394.0	999.9	99.9	999.9	90.3	127.
48.9	126.0	15539.4	108.0	-62.9	99.9	291.1	42.3*	39.4	-15.2	397.5	999.9	99.9	999.9	91.8	127.
49.5	127.0	15712.7	105.0	-63.4	99.9	290.8	39.1*	36.6	-13.9	399.6	999.9	99.9	999.9	93.8	126.
50.3	128.0	15890.8	102.0	-63.2	99.9	290.2	28.6*	26.9	-9.9	403.3	999.9	99.9	999.9	94.9	126.
51.0	129.0	16074.3	99.0	-63.4	99.9	287.9	24.9*	23.7	-7.6	406.4	999.9	99.9	999.9	96.0	126.
51.6	130.0	16263.4	96.0	-63.4	99.9	287.4	26.5*	25.3	-7.9	410.0	999.9	99.9	999.9	96.9	126.
52.5	131.0	16524.2	92.0	-64.5	99.9	293.5	37.2*	34.1	-14.8	412.8	999.9	99.9	999.9	98.7	125.
53.1	132.0	16726.5	89.0	-65.1	99.9	294.7	35.7*	32.4	-14.9	415.6	999.9	99.9	999.9	99.9	125.
53.8	133.0	16935.5	86.0	-64.9	99.9	294.7	32.2*	29.3	-13.5	420.1	999.9	99.9	999.9	101.2	125.
54.4	134.0	17152.0	83.0	-65.1	99.9	295.2	30.2*	27.4	-12.9	424.0	999.9	99.9	999.9	102.4	125.
55.0	135.0	17300.4	81.0	-65.9	99.9	295.6	25.2*	22.7	-10.9	425.3	999.9	99.9	999.9	103.3	125.
55.9	136.0	17607.7	77.0	-66.1	99.9	289.4	18.6*	17.5	-6.2	431.1	999.9	99.9	999.9	104.2	125.
56.8	137.0	17848.3	74.0	-66.9	99.9	292.1	25.0*	23.1	-9.4	434.4	999.9	99.9	999.9	105.5	125.
57.7	138.0	18099.3	71.0	-65.3	99.9	296.2	24.8*	22.2	-10.9	442.9	999.9	99.9	999.9	106.9	125.
58.6	139.0	18363.7	68.0	-62.9	99.9	300.8	11.1*	9.5	-5.7	453.7	999.9	99.9	999.9	108.2	124.
59.7	140.0	18641.5	65.0	-63.0	99.9	311.8	22.8*	17.0	-15.2	459.2	999.9	99.9	999.9	108.1	125.
60.8	141.0	18934.0	62.0	-60.7	99.9	306.5	42.7*	34.3	-25.4	470.6	999.9	99.9	999.9	111.8	125.
61.8	142.0	19242.6	59.0	-60.7	99.9	304.5	18.6*	15.3	-10.5	477.3	999.9	99.9	999.9	112.9	125.
62.8	143.0	19567.2	56.0	-60.9	99.9	296.0	12.8*	11.5	-5.6	484.1	999.9	99.9	999.9	114.3	125.
63.9	144.0	19909.7	53.0	-60.7	99.9	204.1	6.3*	2.6	5.7	492.2	999.9	99.9	999.9	114.1	125.
65.0	145.0	20273.2	50.0	-59.7	99.9	257.1	16.2*	15.8	3.6	502.9	999.9	99.9	999.9	114.8	124.
66.2	146.0	20657.6	47.0	-62.5	99.9	266.6	24.3*	24.2	1.4	505.1	999.9	99.9	999.9	115.8	124.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

7 FEBRUARY 1975  
515 GMT

147 13. 0

TIME MIN	CNCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.3	147.0	21064.2	44.0	-62.9	99.9	299.1	25.5*	22.3	-12.4	513.8	999.9	99.9	999.9	116.9	123.
68.4	148.0	21497.7	41.0	-64.3	99.9	304.9	22.9*	18.8	-13.1	520.6	999.9	99.9	999.9	119.2	123.
69.6	149.0	21960.5	38.0	-66.1	99.9	294.3	15.1*	13.7	-6.2	527.6	999.9	99.9	999.9	120.3	123.
71.1	150.0	22463.0	35.0	-63.0	99.9	251.0	5.0*	4.7	1.6	548.1	999.9	99.9	999.9	121.8	123.
72.3	151.0	22825.8	33.0	-62.3	99.9	291.2	20.0*	18.6	-7.2	559.4	999.9	99.9	999.9	121.3	123.
73.7	152.0	23412.1	30.0	-64.0	99.9	297.8	23.4*	20.7	-10.9	570.3	999.9	99.9	999.9	123.5	123.
75.3	153.0	24056.2	27.0	-64.5	99.9	294.0	20.1*	18.4	-8.2	586.1	999.9	99.9	999.9	125.7	123.
77.2	154.0	24775.3	24.0	-65.3	99.9	249.7	5.0*	4.7	1.7	604.0	999.9	99.9	999.9	127.0	123.
79.0	155.0	25306.0	22.0	-64.5	99.9	301.8	16.8	14.3	-8.8	621.5	999.9	99.9	999.9	127.4	123.
81.1	156.0	26208.6	19.0	-61.4	99.9	300.5	26.4	22.7	-13.4	657.8	999.9	99.9	999.9	130.6	123.
83.9	157.0	27273.1	16.0	-61.9	99.9	272.5	19.4	19.4	-0.8	689.2	999.9	99.9	999.9	133.2	122.
86.8	158.0	28568.2	13.0	-58.3	99.9	999.9	99.9	99.9	99.9	744.0	999.9	99.9	999.9	999.9	999.

STATION NO. 451  
DODGE CITY, KAN

7 FEBRUARY 1975  
1115 GMT

148 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	791.0	924.0	-6.1	-8.4	230.0	6.7	5.1	4.3	273.4	279.2	2.2	84.0	0.0	0.
0.3	13.0	842.0	918.0	-6.4	-8.4	244.5	19.6	17.7	8.5	273.7	279.5	2.2	85.6	0.3	53.
0.6	14.0	928.5	908.0	-1.4	-10.3	244.7	19.8	17.9	8.5	279.6	284.8	1.9	50.9	0.4	56.
1.0	15.0	1026.2	897.0	1.6	-9.6	245.5	20.5	18.7	8.5	283.7	289.4	2.1	42.9	0.9	60.
1.3	16.0	1144.2	884.0	3.8	-13.0	245.5	19.0	16.4	7.5	287.1	291.6	1.6	28.0	1.3	62.
1.9	17.0	1245.6	873.0	4.0	-14.2	245.8	12.4	11.3	5.1	288.3	292.5	1.5	25.2	1.8	63.
2.3	18.0	1330.1	864.0	3.6	-17.7	243.5	12.0	10.7	5.4	288.7	291.9	1.1	19.2	2.1	64.
2.7	19.0	1434.1	853.0	4.0	-17.4	239.8	12.3	10.6	6.2	290.1	293.5	1.1	19.2	2.4	63.
3.0	20.0	1529.7	843.0	3.3	-17.6	236.4	12.1	10.0	6.7	290.4	293.8	1.1	19.8	2.6	63.
3.5	21.0	1655.4	830.0	2.1	-18.5	236.8	12.2	10.2	6.7	290.5	293.6	1.1	19.9	2.9	62.
3.8	22.0	1753.1	820.0	1.6	-19.3	241.4	12.1	10.6	5.8	290.9	293.9	1.0	19.3	3.2	62.
4.2	23.0	1851.8	810.0	1.0	-19.8	246.7	12.1	11.1	4.8	291.3	294.2	1.0	19.4	3.5	62.
4.6	24.0	1941.5	801.0	0.3	-20.3	250.3	12.2	11.5	4.1	291.5	294.3	0.9	19.4	3.8	63.
4.9	25.0	2052.1	790.0	-0.6	-21.8	251.5	12.5	11.8	4.0	291.6	294.1	0.8	18.3	4.0	63.
5.3	26.0	2164.0	779.0	-1.1	-24.3	260.4	10.7	10.5	1.8	292.2	294.3	0.7	15.2	4.3	64.
5.6	27.0	2277.2	768.0	-1.4	-24.5	270.2	9.4	9.4	-0.0	293.1	295.2	0.7	15.2	4.5	64.
6.0	28.0	2370.9	759.0	-2.5	-25.3	280.2	8.9	8.7	-1.6	292.9	294.8	0.6	15.3	4.6	66.
6.4	29.0	2475.6	749.0	-3.3	-25.5	270.6	10.6	10.6	-0.1	293.1	295.1	0.6	16.0	4.8	67.
6.7	30.0	2571.3	740.0	-4.2	-26.2	267.0	10.9	10.9	0.6	293.2	295.0	0.6	16.1	5.0	68.
7.0	31.0	2678.4	730.0	-5.0	-27.2	264.3	10.6	10.6	1.1	293.5	295.2	0.6	15.5	5.2	69.
7.4	32.0	2786.6	720.0	-5.9	-27.9	264.2	10.7	10.6	1.1	293.6	295.3	0.5	15.6	5.4	70.
7.8	33.0	2884.9	711.0	-7.0	-28.3	263.5	11.0	10.9	1.2	293.5	295.1	0.5	16.3	5.7	70.
8.1	34.0	2984.1	702.0	-7.8	-28.6	263.2	11.2	11.1	1.3	293.6	295.2	0.5	17.0	5.9	71.
8.5	35.0	3084.2	693.0	-8.7	-29.3	263.8	11.5	11.5	1.2	293.7	295.2	0.5	17.0	6.1	71.
8.9	36.0	3219.2	681.0	-10.0	-30.7	267.7	11.4	11.4	0.5	293.7	295.1	0.4	16.5	6.5	72.
9.3	37.0	3321.7	672.0	-10.2	-32.0	272.9	11.3	11.3	-0.6	294.7	295.9	0.4	14.6	6.7	72.
9.6	38.0	3425.6	662.0	-10.2	-32.0	276.5	11.4	11.4	-1.3	295.8	297.0	0.4	14.6	6.9	73.
10.0	39.0	3530.9	654.0	-10.2	-30.4	279.4	11.9	11.8	-1.9	297.0	298.4	0.5	17.2	7.1	74.
10.4	40.0	3625.6	646.0	-9.9	-30.2	279.7	12.3	12.1	-2.1	298.3	299.9	0.5	17.1	7.4	75.
10.8	41.0	3770.2	634.0	-10.6	-31.1	280.6	12.2	12.0	-2.2	299.1	300.5	0.4	16.6	7.7	76.
11.3	42.0	3867.7	626.0	-11.6	-32.3	282.6	11.9	11.6	-2.6	299.1	300.4	0.4	16.0	8.0	77.
11.7	43.0	3978.5	617.0	-12.3	-30.5	284.6	11.8	11.4	-3.0	299.5	301.0	0.5	20.2	8.2	78.
12.0	44.0	4078.1	609.0	-13.0	-31.1	286.0	11.9	11.4	-3.3	299.8	301.3	0.5	20.2	8.4	79.
12.4	45.0	4191.3	600.0	-14.4	-31.9	287.8	12.3	11.8	-3.8	299.4	300.8	0.4	20.9	8.7	79.
12.8	46.0	4305.7	591.0	-15.1	-32.5	290.0	12.9	12.1	-4.4	299.9	301.3	0.4	20.9	8.9	80.
13.3	47.0	4408.6	583.0	-15.7	-32.2	293.0	13.9	12.8	-5.4	300.5	301.7	0.4	20.4	9.3	82.
13.6	48.0	4512.8	575.0	-15.8	-33.3	294.5	14.7	13.3	-6.1	301.5	302.8	0.4	20.4	9.5	82.
14.0	49.0	4618.4	567.0	-16.1	-34.4	295.8	15.8	14.2	-6.9	302.4	303.5	0.4	18.8	9.8	84.
14.4	50.0	4738.8	558.0	-16.6	-35.5	295.5	16.8	15.2	-7.2	303.1	304.2	0.3	17.6	10.2	85.
14.9	51.0	4874.6	548.0	-17.0	-37.3	293.4	17.9	16.4	-7.1	304.2	305.1	0.3	15.2	10.5	86.
15.3	52.0	4984.7	540.0	-17.7	-37.8	291.7	18.7	17.4	-6.9	304.6	305.5	0.3	15.3	11.0	87.
15.6	53.0	5096.3	532.0	-18.5	-38.4	291.2	19.3	18.0	-7.0	305.0	305.8	0.3	15.4	11.3	88.
16.1	54.0	5209.1	524.0	-19.4	-39.1	292.8	19.9	18.4	-7.7	305.3	306.1	0.2	15.4	11.8	89.
16.4	55.0	5323.3	516.0	-19.9	-39.5	294.6	20.1	18.3	-8.3	306.0	306.8	0.2	15.5	12.2	90.
16.9	56.0	5468.1	506.0	-21.2	-40.5	296.5	20.1	18.0	-9.0	306.1	306.8	0.2	15.6	12.8	91.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 451  
DODGE CITY, KAN

7 FEBRUARY 1975  
1115 GMT

148 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.3	57.0	5585.5	498.0	-22.4	-40.8	296.8	20.5	18.3	-9.2	306.0	306.7	0.2	16.9	13.1	92.
17.7	58.0	5689.2	491.0	-23.4	-41.2	296.7	21.2	18.9	-9.5	306.1	306.8	0.2	17.6	13.6	93.
18.1	59.0	5809.3	483.0	-24.0	-41.7	297.0	22.2	19.8	-10.1	306.7	307.4	0.2	17.6	14.1	94.
18.5	60.0	5915.6	476.0	-25.0	-42.8	297.9	23.5	20.8	-11.0	306.9	307.5	0.2	17.1	14.6	94.
18.9	61.0	6039.0	468.0	-24.3	-42.9	299.4	25.3	22.0	-12.4	309.2	309.8	0.2	15.9	15.1	95.
19.4	62.0	6148.7	461.0	-25.1	-43.2	301.3	27.3	23.3	-14.2	309.5	310.1	0.2	16.5	15.9	97.
19.8	63.0	6275.8	453.0	-25.4	-42.8	302.7	28.5	24.0	-15.4	310.7	311.4	0.2	17.7	16.5	98.
20.2	64.0	6388.9	446.0	-25.4	-41.4	304.1	29.5	24.5	-16.6	312.1	312.9	0.2	20.5	17.1	99.
20.6	65.0	6503.5	439.0	-26.4	-40.8	305.5	30.4	24.7	-17.6	312.2	313.1	0.2	24.0	17.8	100.
21.2	66.0	6653.0	430.0	-27.2	-41.2	307.0	31.6	25.3	-19.0	313.1	313.9	0.2	24.9	18.7	101.
21.6	67.0	6771.0	423.0	-28.0	-40.6	307.1	32.6	26.0	-19.7	313.5	314.4	0.3	28.6	19.4	102.
21.9	68.0	6907.8	415.0	-29.2	-40.5	306.3	33.4	26.9	-19.8	313.7	314.6	0.3	32.1	20.0	103.
22.4	69.0	7029.1	408.0	-30.5	-40.7	304.1	34.9	28.9	-19.5	313.5	314.5	0.3	35.7	20.9	104.
22.7	70.0	7151.9	401.0	-31.3	-39.8	302.9	35.7	30.0	-19.4	314.1	315.1	0.3	42.6	21.5	105.
23.2	71.0	7294.4	393.0	-32.5	-39.7	302.0	36.4	30.9	-19.3	314.3	315.4	0.3	47.9	22.6	105.
23.6	72.0	7420.4	386.0	-33.3	-40.4	302.3	36.3	30.7	-19.4	314.9	315.9	0.3	48.1	23.5	106.
24.0	73.0	7530.7	380.0	-34.6	-41.0	303.1	36.2	30.3	-19.8	314.6	315.6	0.3	51.8	24.3	107.
24.5	74.0	7660.3	373.0	-35.8	-42.3	303.2	37.2	31.1	-20.4	314.7	315.5	0.2	50.6	25.2	107.
24.8	75.0	7791.7	366.0	-37.0	-42.5	303.0	37.5	31.4	-20.4	314.8	315.6	0.2	50.3	25.9	108.
25.3	76.0	7905.8	360.0	-38.0	-44.5	302.9	36.9	31.0	-20.0	314.8	315.5	0.2	50.1	27.1	108.
25.7	77.0	8079.8	351.0	-39.1	-45.4	303.0	35.9	30.1	-19.6	315.7	316.3	0.2	50.9	28.0	109.
26.1	78.0	8158.2	347.0	-40.1	99.9	303.2	35.6	29.8	-19.5	315.5	999.9	99.9	999.9	28.7	109.
26.6	79.0	8276.9	341.0	-41.4	99.9	303.5	36.6	30.5	-20.2	315.2	999.9	99.9	999.9	29.7	110.
26.9	80.0	8417.4	334.0	-42.5	99.9	303.8	37.1	30.8	-20.6	315.6	999.9	99.9	999.9	30.5	110.
27.6	81.0	8560.1	327.0	-43.8	99.9	304.8	36.1	29.6	-20.6	315.8	999.9	99.9	999.9	31.9	111.
27.9	82.0	8684.1	321.0	-45.2	99.9	305.1	35.2	28.8	-20.3	315.5	999.9	99.9	999.9	32.6	111.
28.3	83.0	8809.8	315.0	-46.3	99.9	305.2	34.8	28.5	-20.1	315.6	999.9	99.9	999.9	33.4	111.
28.8	84.0	8937.2	309.0	-47.3	99.9	305.1	35.3	28.9	-20.3	316.0	999.9	99.9	999.9	34.3	112.
29.3	85.0	9044.9	304.0	-48.4	99.9	305.4	36.1	29.4	-20.9	316.0	999.9	99.9	999.9	35.4	112.
29.7	86.0	9219.9	296.0	-49.8	99.9	305.8	36.2	29.4	-21.2	316.3	999.9	99.9	999.9	36.3	112.
30.2	87.0	9331.0	291.0	-51.2	99.9	306.3	35.6	28.7	-21.1	315.9	999.9	99.9	999.9	37.3	113.
30.7	88.0	9466.0	285.0	-52.6	99.9	305.9	35.0	28.3	-20.5	315.9	999.9	99.9	999.9	38.4	113.
31.1	89.0	9603.2	279.0	-53.5	99.9	305.2	35.0	28.6	-20.2	316.4	999.9	99.9	999.9	39.2	114.
31.6	90.0	9719.3	274.0	-54.3	99.9	304.5	36.2	29.8	-20.5	316.9	999.9	99.9	999.9	40.1	114.
32.1	91.0	9860.8	268.0	-55.7	99.9	304.8	37.4	30.7	-21.4	316.8	999.9	99.9	999.9	41.3	114.
32.5	92.0	9980.6	263.0	-56.2	99.9	305.4	37.9	30.9	-21.9	317.8	999.9	99.9	999.9	42.1	114.
33.1	93.0	10102.2	258.0	-57.4	99.9	306.3	37.9	30.6	-22.4	317.9	999.9	99.9	999.9	43.5	115.
33.4	94.0	10225.8	253.0	-57.6	99.9	306.7	38.3	30.7	-22.9	319.4	999.9	99.9	999.9	44.2	115.
33.9	95.0	10351.6	248.0	-58.4	99.9	307.8	39.9	31.6	-24.4	320.0	999.9	99.9	999.9	45.2	115.
34.6	96.0	10531.1	241.0	-60.0	99.9	309.8	41.4	31.8	-26.5	320.3	999.9	99.9	999.9	47.1	116.
34.9	97.0	10661.7	236.0	-60.8	99.9	310.0	40.9	31.3	-26.3	320.9	999.9	99.9	999.9	47.8	116.
35.5	98.0	10794.8	231.0	-61.2	99.9	306.6	40.3	32.3	-24.0	322.3	999.9	99.9	999.9	49.0	116.
35.8	99.0	10930.7	226.0	-60.8	99.9	303.2	41.9	35.1	-22.9	324.9	999.9	99.9	999.9	49.8	116.
36.3	100.0	11041.8	222.0	-60.8	99.9	298.4	46.0	40.5	-21.9	326.5	999.9	99.9	999.9	51.1	117.
36.7	101.0	11212.4	216.0	-60.1	99.9	296.0	48.9	44.0	-21.5	330.2	999.9	99.9	999.9	52.2	117.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

7 FEBRUARY 1975  
1115 GMT

148 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.3	102.0	11358.9	211.0	-59.3	99.9	294.8	49.1	44.6	-20.6	333.8	999.9	99.9	999.9	54.2	116.
37.8	103.0	11509.6	206.0	-57.7	99.9	294.8	46.1	41.9	-19.3	338.5	999.9	99.9	999.9	55.6	116.
38.3	104.0	11633.5	202.0	-57.2	99.9	294.4	43.9	40.0	-18.1	341.2	999.9	99.9	999.9	56.9	116.
38.7	105.0	11791.9	197.0	-57.6	99.9	293.8	43.2	39.5	-17.4	343.1	999.9	99.9	999.9	57.9	116.
39.3	106.0	11921.0	193.0	-59.1	99.9	293.2	41.7	38.3	-16.4	342.7	999.9	99.9	999.9	59.5	116.
39.7	107.0	12085.5	188.0	-59.3	95.9	293.2	40.2*	36.9	-15.8	345.0	999.9	99.9	999.9	60.6	116.
40.3	108.0	12220.7	184.0	-57.7	95.9	292.8	40.3*	37.2	-15.6	349.6	999.9	99.9	999.9	61.7	116.
40.9	109.0	12359.6	180.0	-57.2	95.9	291.1	43.8*	40.9	-15.7	352.6	999.9	99.9	999.9	63.4	116.
41.6	110.0	12502.4	176.0	-54.9	99.9	290.0	45.4*	42.6	-15.6	358.7	999.9	99.9	999.9	65.2	116.
42.3	111.0	12686.9	171.0	-54.3	99.9	292.7	42.6*	39.3	-16.4	362.7	999.9	99.9	999.9	67.3	116.
42.6	112.0	12838.3	167.0	-55.3	99.9	294.1	40.8*	37.3	-16.7	363.5	999.9	99.9	999.9	68.1	116.
43.3	113.0	12992.7	163.0	-56.2	99.9	295.9	38.3*	34.4	-16.7	364.4	999.9	99.9	999.9	69.5	116.
43.8	114.0	13150.1	159.0	-57.6	95.9	295.2	38.2*	34.6	-16.3	364.8	999.9	99.9	999.9	70.6	116.
44.3	115.0	13310.7	155.0	-58.2	95.9	292.1	38.3*	35.5	-14.4	366.3	999.9	99.9	999.9	71.9	116.
45.1	116.0	13517.1	150.0	-58.4	99.9	287.7	40.7*	38.8	-12.4	369.5	999.9	99.9	999.9	73.5	115.
45.7	117.0	13644.3	147.0	-57.7	99.9	288.7	44.0*	41.7	-14.1	372.8	999.9	99.9	999.9	75.1	115.
46.4	118.0	13818.4	143.0	-57.7	99.9	289.3	42.9*	40.4	-14.2	375.7	999.9	99.9	999.9	77.2	115.
47.0	119.0	13997.4	139.0	-57.7	99.9	289.6	40.0*	37.7	-13.4	378.8	999.9	99.9	999.9	78.4	115.
47.6	120.0	14134.6	136.0	-59.3	99.9	290.8	39.5*	36.9	-14.0	378.4	999.9	99.9	999.9	80.0	115.
48.2	121.0	14321.6	132.0	-59.3	95.9	291.2	38.1*	35.5	-13.8	381.7	999.9	99.9	999.9	81.3	115.
48.8	122.0	14465.6	129.0	-59.4	95.9	290.2	35.6*	33.4	-12.3	383.9	999.9	99.9	999.9	82.8	115.
49.5	123.0	14662.4	125.0	-60.1	99.9	288.7	37.5*	35.6	-12.0	386.1	999.9	99.9	999.9	83.9	115.
50.1	124.0	14813.7	122.0	-61.0	99.9	289.4	42.4*	40.0	-14.1	387.2	999.9	99.9	999.9	85.7	115.
50.6	125.0	14968.3	119.0	-61.2	99.9	290.7	45.8*	42.9	-16.1	389.6	999.9	99.9	999.9	86.7	115.
51.5	126.0	15180.0	115.0	-62.3	99.9	291.1	46.8*	43.7	-16.9	391.4	999.9	99.9	999.9	89.7	115.
52.2	127.0	15398.4	111.0	-62.9	95.9	290.1	45.0*	42.2	-15.5	394.4	999.9	99.9	999.9	91.3	114.
52.8	128.0	15567.2	108.0	-62.9	95.9	290.7	46.0*	43.0	-16.3	397.5	999.9	99.9	999.9	92.9	114.
53.6	129.0	15740.7	105.0	-62.9	95.9	293.3	47.6*	43.7	-18.8	400.7	999.9	99.9	999.9	95.3	114.
54.2	130.0	15919.0	102.0	-63.6	99.9	293.5	40.0*	36.7	-15.9	402.6	999.9	99.9	999.9	97.1	114.
55.1	131.0	16164.3	98.0	-64.0	99.9	290.4	26.7*	25.0	-9.3	406.5	999.9	99.9	999.9	98.7	114.
55.8	132.0	16354.5	95.0	-64.6	99.9	290.6	21.8*	20.4	-7.7	409.0	999.9	99.9	999.9	99.8	114.
56.6	133.0	16551.0	92.0	-63.6	95.9	291.0	29.0*	27.0	-10.4	414.6	999.9	99.9	999.9	100.2	114.
57.2	134.0	16754.7	89.0	-63.2	95.9	287.6	32.8*	31.3	-9.9	419.3	999.9	99.9	999.9	102.2	114.
57.9	135.0	16894.3	87.0	-63.6	95.9	283.3	29.5*	28.7	-6.8	421.3	999.9	99.9	999.9	103.2	114.
58.8	136.0	17182.4	83.0	-64.8	99.9	285.6	27.1*	26.1	-7.3	424.7	999.9	99.9	999.9	104.8	114.
59.8	137.0	17407.5	80.0	-64.2	99.9	287.2	24.1*	23.0	-7.1	430.4	999.9	99.9	999.9	106.2	114.
60.8	138.0	17641.5	77.0	-64.0	99.9	286.4	26.2*	25.2	-7.4	435.5	999.9	99.9	999.9	107.7	114.
61.7	139.0	17885.1	74.0	-63.8	99.9	293.1	29.9*	27.5	-11.8	440.9	999.9	99.9	999.9	109.2	114.
62.7	140.0	18225.9	70.0	-63.8	95.9	298.8	29.2*	25.6	-14.1	447.6	999.9	99.9	999.9	111.1	114.
63.8	141.0	18494.6	67.0	-63.6	95.9	303.6	24.2*	20.1	-13.4	454.0	999.9	99.9	999.9	112.8	114.
64.7	142.0	18776.3	64.0	-62.9	99.9	296.8	17.0*	15.2	-7.7	461.6	999.9	99.9	999.9	114.0	114.
65.7	143.0	19071.5	61.0	-63.6	99.9	291.4	22.3*	20.8	-8.1	466.3	999.9	99.9	999.9	115.0	114.
66.7	144.0	19381.4	58.0	-63.2	99.9	307.3	12.7*	10.1	-7.7	474.0	999.9	99.9	999.9	116.3	114.
67.9	145.0	19707.0	55.0	-64.4	99.9	296.1	5.9*	5.3	-2.6	478.6	999.9	99.9	999.9	116.5	114.
69.2	146.0	20051.5	52.0	-62.7	95.9	276.1	6.7*	6.7	-0.7	490.3	999.9	99.9	999.9	117.1	114.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

7 FEBRUARY 1975  
1115 GMT

148 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
70.5	147.0	20417.3	49.0	-63.2	95.9	289.3	16.1*	15.2	-5.3	497.4	999.9	99.9	999.9	118.0	114.
71.7	148.0	20804.6	46.0	-64.6	95.9	294.2	13.5*	12.3	-5.5	503.2	999.9	99.9	999.9	118.9	114.
72.8	149.0	21074.9	44.0	-66.5	99.9	298.6	12.3*	10.8	-5.9	504.8	999.9	99.9	999.9	119.8	114.
74.2	150.0	21504.8	41.0	-64.2	99.9	290.8	18.0*	16.9	-6.4	521.0	999.9	99.9	999.9	121.2	114.
75.6	151.0	22135.1	37.0	-62.9	99.9	308.3	16.0*	12.5	-9.9	539.9	999.9	99.9	999.9	122.6	114.
77.2	152.0	22477.4	35.0	-62.9	99.9	304.5	11.1*	9.1	-6.3	548.6	999.9	99.9	999.9	123.4	114.
78.9	153.0	23029.7	32.0	-62.7	99.9	281.6	17.1*	16.8	-3.5	563.3	999.9	99.9	999.9	125.1	114.
80.7	154.0	23636.1	29.0	-63.0	95.9	295.2	27.3*	24.7	-11.6	578.4	999.9	99.9	999.9	127.1	114.
82.4	155.0	24307.0	26.0	-63.8	95.9	299.5	14.5*	12.6	-7.2	594.6	999.9	99.9	999.9	129.6	114.
84.5	156.0	25057.1	23.0	-64.2	95.9	292.7	10.3*	9.5	-4.0	613.0	999.9	99.9	999.9	132.0	114.
86.4	157.0	25613.9	21.0	-63.6	99.9	291.5	20.2*	18.8	-7.4	632.6	999.9	99.9	999.9	132.5	114.
89.1	158.0	26567.6	18.0	-60.3	99.9	274.5	20.1	20.0	-1.6	671.5	999.9	99.9	999.9	135.7	114.
92.1	159.0	27700.4	15.0	-61.7	99.9	999.9	99.9	99.9	99.9	702.7	999.9	99.9	999.9	999.9	999.

STATION NO. 456  
TOPEKA, KAN

5 FEBRUARY 1975  
2315 GMT

157 24. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	268.0	990.2	-10.0	-13.2	320.0	8.2	5.3	-6.3	264.1	267.7	1.4	77.0	0.0	0.
0.2	7.0	300.8	986.0	-10.1	-16.9	306.1	0.3	0.3	-0.2	264.3	267.0	1.0	56.9	0.5	140.
0.5	8.0	395.0	974.0	-11.2	-15.8	306.1	0.3	0.3	-0.2	264.1	267.1	1.1	68.8	0.5	140.
0.8	9.0	490.0	962.0	-12.2	-15.9	324.2	2.8	1.6	-2.2	264.0	267.0	1.2	74.0	0.5	140.
1.2	10.0	577.8	951.0	-13.1	-15.7	326.5	6.3	3.5	-5.3	264.0	267.1	1.2	80.7	0.6	141.
1.6	11.0	690.6	937.0	-14.2	-15.4	328.3	9.4	4.9	-8.0	264.0	267.2	1.2	90.1	0.8	142.
1.9	12.0	788.3	925.0	-15.3	-15.7	330.4	9.7	4.8	-8.4	263.8	267.0	1.2	96.9	1.0	143.
2.3	13.0	886.9	913.0	-15.8	-15.8	333.7	9.6	4.3	-8.6	264.2	267.4	1.2	102.0	1.3	145.
2.7	14.0	986.5	901.0	-16.5	-16.5	338.1	9.3	3.5	-8.7	264.5	267.6	1.2	103.6	1.5	147.
3.1	15.0	1079.3	890.0	-14.5	-14.5	343.4	9.2	2.6	-8.9	267.6	271.3	1.4	102.8	1.7	148.
3.6	16.0	1200.6	876.0	-9.9	-9.9	346.7	9.9	2.3	-9.6	273.6	279.1	2.1	102.8	2.0	151.
3.9	17.0	1298.3	865.0	-9.3	-9.3	343.0	10.1	3.0	-9.7	275.3	281.0	2.2	102.8	2.1	153.
4.3	18.0	1397.3	854.0	-9.5	-9.5	337.4	10.0	3.9	-9.3	276.1	281.9	2.2	102.8	2.4	153.
4.6	19.0	1497.7	843.0	-8.7	-8.7	334.2	9.7	4.2	-8.7	277.9	284.2	2.3	102.9	2.6	153.
5.0	20.0	1599.6	832.0	-8.7	-8.7	333.1	8.4	3.8	-7.5	279.0	285.3	2.4	102.9	2.8	153.
5.5	21.0	1721.8	819.0	-8.6	-8.6	331.3	8.1	3.9	-7.1	280.4	286.9	2.4	102.9	3.0	153.
5.8	22.0	1826.6	808.0	-8.9	-8.9	335.1	8.8	3.7	-8.0	281.2	287.7	2.4	102.9	3.2	153.
6.2	23.0	1932.7	797.0	-9.6	-9.6	340.2	9.0	3.0	-8.4	281.5	287.7	2.3	102.8	3.4	153.
6.5	24.0	2040.1	786.0	-10.1	-10.1	345.0	8.5	2.2	-8.2	282.1	288.3	2.3	102.7	3.6	154.
6.9	25.0	2138.7	776.0	-10.9	-10.9	327.8	8.1	4.3	-6.8	282.2	288.0	2.1	102.6	3.7	154.
7.4	26.0	2269.3	763.0	-8.3	-8.3	313.5	9.4	6.8	-6.5	286.5	293.8	2.7	103.0	4.0	153.
7.8	27.0	2371.7	753.0	-8.7	-8.7	309.6	10.4	8.0	-6.6	287.1	294.3	2.6	102.9	4.2	151.
8.1	28.0	2475.3	743.0	-9.2	-10.4	309.2	10.9	8.5	-6.9	287.6	294.1	2.3	90.9	4.4	150.
8.5	29.0	2590.6	732.0	-9.9	-14.6	312.1	11.4	8.5	-7.7	288.0	292.8	1.7	68.3	4.6	149.
8.8	30.0	2696.7	722.0	-10.3	-14.3	316.5	11.9	8.2	-8.6	288.7	293.6	1.7	72.3	4.8	148.
9.1	31.0	2804.2	712.0	-10.6	-13.8	320.6	12.3	7.8	-9.5	289.5	294.8	1.9	77.7	5.1	148.
9.5	32.0	2913.0	702.0	-10.6	-12.5	326.0	13.0	7.3	-10.8	290.7	296.6	2.1	86.3	5.4	148.
9.9	33.0	3012.2	693.0	-11.4	-13.1	329.6	13.6	6.9	-11.7	291.0	296.7	2.0	86.8	5.7	148.
10.2	34.0	3123.7	683.0	-12.1	-13.7	331.5	13.8	6.6	-12.2	291.4	296.9	1.9	87.6	5.9	148.
10.6	35.0	3236.5	673.0	-12.8	-14.3	333.6	13.9	6.2	-12.5	291.8	297.2	1.9	88.0	6.3	148.
11.1	36.0	3362.1	662.0	-13.8	-15.1	335.7	13.5	5.6	-12.3	292.1	297.2	1.8	89.4	6.7	149.
11.5	37.0	3477.6	652.0	-14.7	-16.3	336.6	13.0	5.2	-11.9	292.2	297.0	1.6	87.5	7.0	149.
11.9	38.0	3582.8	643.0	-15.3	-16.9	335.5	12.6	5.2	-11.5	292.8	297.4	1.6	87.4	7.3	149.
12.4	39.0	3689.3	634.0	-15.8	-17.9	332.6	12.3	5.7	-11.0	293.3	297.6	1.5	84.0	7.7	150.
12.8	40.0	3796.9	625.0	-16.7	-19.1	330.1	12.2	6.1	-10.6	293.5	297.5	1.4	81.6	8.0	150.
13.3	41.0	3942.5	613.0	-17.5	-20.4	327.8	11.9	6.4	-10.1	294.2	297.8	1.2	77.7	8.4	150.
13.8	42.0	4040.7	605.0	-18.4	-22.1	327.5	11.7	6.3	-9.9	294.2	297.4	1.1	72.8	8.7	149.
14.2	43.0	4152.4	596.0	-19.4	-22.9	328.4	11.4	6.0	-9.7	294.3	297.4	1.0	73.2	9.0	149.
14.6	44.0	4265.2	587.0	-20.3	-23.1	329.4	11.0	5.6	-9.5	294.5	297.6	1.0	78.6	9.3	149.
15.0	45.0	4379.6	578.0	-21.3	-24.2	329.7	10.2	5.2	-8.8	294.7	297.6	0.9	77.3	9.6	149.
15.5	46.0	4482.3	570.0	-22.2	-25.3	328.3	9.3	4.9	-7.9	294.8	297.4	0.9	75.6	9.8	149.
15.9	47.0	4599.2	561.0	-23.0	-25.8	325.8	9.1	5.1	-7.5	295.2	297.7	0.8	77.4	10.0	149.
16.3	48.0	4704.4	553.0	-23.7	-26.4	322.8	9.6	5.8	-7.6	295.6	298.1	0.8	78.2	10.2	149.
16.7	49.0	4824.2	544.0	-24.3	-26.9	320.0	10.5	6.7	-8.0	296.2	298.6	0.8	79.0	10.4	149.
17.1	50.0	4932.0	536.0	-25.2	-27.6	317.9	11.4	7.6	-8.5	296.4	298.6	0.7	80.8	10.7	149.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

5 FEBRUARY 1975  
2315 GMT

157 24. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.5	51.0	5082.2	525.0	-26.6	-28.5	316.7	11.5	7.9	-8.4	296.5	298.7	0.7	83.2	11.1	148.
18.0	52.0	5193.0	517.0	-27.6	-29.4	316.4	9.6	6.6	-6.9	296.6	298.6	0.6	84.2	11.4	148.
18.4	53.0	5305.0	509.0	-28.4	-29.7	315.7	7.8	5.5	-5.6	296.9	298.9	0.6	88.5	11.6	148.
18.9	54.0	5418.4	501.0	-29.2	-30.5	311.6	6.8	5.1	-4.5	297.3	299.2	0.6	88.3	11.7	148.
19.3	55.0	5533.3	493.0	-29.8	-31.2	308.0	6.8	5.4	-4.2	297.9	299.7	0.6	88.0	11.9	148.
19.8	56.0	5664.4	484.0	-30.9	-32.2	307.3	7.5	6.0	-4.6	298.2	299.8	0.5	87.7	12.1	147.
20.3	57.0	5782.4	476.0	-32.1	-33.7	310.2	8.6	6.6	-5.5	298.1	299.6	0.5	85.1	12.3	147.
20.7	58.0	5901.9	468.0	-33.0	-35.1	312.4	9.4	7.0	-6.4	298.4	299.7	0.4	80.8	12.5	146.
21.1	59.0	6007.7	461.0	-34.0	-36.5	313.8	10.0	7.2	-6.9	298.4	299.5	0.4	78.0	12.7	146.
21.5	60.0	6130.1	453.0	-34.8	-37.3	314.9	10.2	7.2	-7.2	298.9	300.0	0.3	77.8	13.0	146.
21.9	61.0	6238.6	446.0	-36.0	-38.5	316.4	9.8	6.7	-7.1	298.7	299.7	0.3	77.5	13.2	146.
22.3	62.0	6364.1	438.0	-37.0	-39.7	318.4	9.1	6.0	-6.8	299.1	300.0	0.3	75.4	13.5	146.
22.8	63.0	6475.3	431.0	-37.9	-40.6	321.1	8.3	5.2	-6.4	299.3	300.1	0.2	75.1	13.7	146.
23.2	64.0	6588.0	424.0	-38.8	-41.6	322.6	7.8	4.8	-6.2	299.5	300.2	0.2	74.9	13.9	146.
23.6	65.0	6702.0	417.0	-39.8	99.9	322.9	7.6	4.6	-6.1	299.7	999.9	99.9	999.9	14.1	146.
24.1	66.0	6850.7	408.0	-41.1	99.9	320.3	7.6	4.9	-5.9	299.9	999.9	99.9	999.9	14.3	145.
24.5	67.0	6968.1	401.0	-42.2	99.9	315.8	7.6	5.3	-5.4	299.9	999.9	99.9	999.9	14.5	145.
24.9	68.0	7069.8	395.0	-43.5	99.9	308.7	7.5	5.9	-4.7	299.6	999.9	99.9	999.9	14.7	145.
25.4	69.0	7189.9	388.0	-44.2	99.9	299.7	7.6	6.6	-3.8	300.2	999.9	99.9	999.9	14.9	145.
25.8	70.0	7311.7	381.0	-45.1	99.9	293.9	7.5	6.9	-3.1	300.5	999.9	99.9	999.9	15.1	145.
26.4	71.0	7453.1	373.0	-46.3	99.9	288.4	7.7	7.3	-2.4	300.8	999.9	99.9	999.9	15.3	144.
26.9	72.0	7560.6	367.0	-47.3	99.9	287.2	8.3	7.9	-2.5	300.9	999.9	99.9	999.9	15.4	143.
27.2	73.0	7687.7	360.0	-48.4	99.9	286.1	8.6	8.2	-2.4	301.0	999.9	99.9	999.9	15.6	143.
27.6	74.0	7798.1	354.0	-49.5	99.9	283.5	8.7	8.4	-2.0	301.1	999.9	99.9	999.9	15.8	143.
28.1	75.0	7928.7	347.0	-50.5	99.9	276.4	8.2	8.1	-0.9	301.4	999.9	99.9	999.9	16.0	142.
28.5	76.0	8042.2	341.0	-51.5	99.9	269.2	7.8	7.8	0.1	301.5	999.9	99.9	999.9	16.1	142.
29.0	77.0	8157.1	335.0	-52.6	99.9	262.5	7.7	7.7	1.0	301.5	999.9	99.9	999.9	16.2	141.
29.3	78.0	8273.6	329.0	-53.5	99.9	259.5	7.8	7.7	1.4	301.8	999.9	99.9	999.9	16.3	140.
29.8	79.0	8391.7	323.0	-54.6	99.9	254.9	8.0	7.7	2.1	301.9	999.9	99.9	999.9	16.4	140.
30.2	80.0	8511.4	317.0	-55.9	99.9	252.3	8.1	7.7	2.5	301.7	999.9	99.9	999.9	16.5	139.
30.9	81.0	8653.1	310.0	-56.9	99.9	252.7	8.5	8.1	2.5	302.3	999.9	99.9	999.9	16.6	138.
31.4	82.0	8777.2	304.0	-56.1	99.9	256.9	9.1	8.8	2.1	305.2	999.9	99.9	999.9	16.7	137.
31.9	83.0	8904.0	298.0	-55.8	99.9	261.6	10.0	9.9	1.5	307.4	999.9	99.9	999.9	16.8	136.
32.3	84.0	9011.7	293.0	-55.8	99.9	263.4	11.0	11.0	1.3	308.8	999.9	99.9	999.9	17.0	136.
32.8	85.0	9143.4	287.0	-56.1	99.9	262.3	12.4	12.3	1.7	310.2	999.9	99.9	999.9	17.2	135.
33.3	86.0	9300.3	280.0	-56.2	99.9	260.0	13.6	13.4	2.4	312.2	999.9	99.9	999.9	17.5	134.
33.9	87.0	9414.9	275.0	-55.8	99.9	260.1	15.0	14.7	2.6	314.5	999.9	99.9	999.9	17.7	132.
34.4	88.0	9531.8	270.0	-55.6	99.9	262.2	16.2	16.1	2.2	316.4	999.9	99.9	999.9	18.0	131.
35.0	89.0	9675.5	264.0	-54.2	99.9	262.5	18.0	17.8	2.3	320.5	999.9	99.9	999.9	18.5	130.
35.5	90.0	9798.3	259.0	-53.5	99.9	261.3	19.2	19.0	2.9	323.2	999.9	99.9	999.9	18.9	129.
36.1	91.0	9923.8	254.0	-53.2	99.9	261.0	20.2	20.0	3.2	325.5	999.9	99.9	999.9	19.3	127.
36.5	92.0	10051.9	249.0	-53.2	99.9	261.4	20.9	20.7	3.1	327.3	999.9	99.9	999.9	19.7	126.
37.1	93.0	10182.4	244.0	-53.7	99.9	262.1	22.2	22.0	3.0	328.5	999.9	99.9	999.9	20.2	124.
37.5	94.0	10315.6	239.0	-53.5	99.9	262.6	22.9	22.7	3.0	330.7	999.9	99.9	999.9	20.7	123.
38.1	95.0	10451.6	234.0	-53.4	99.9	263.4	22.9	22.8	2.7	333.0	999.9	99.9	999.9	21.3	122.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

5 FEBRUARY 1975  
2315 GMT

157 24. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	NX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.8	96.0	10619.1	228.0	-52.6	99.9	264.3	23.3	23.2	2.3	336.6	999.9	99.9	999.9	22.1	120.
39.3	97.0	10733.6	224.0	-52.2	99.9	265.0	24.3	24.2	2.1	339.0	999.9	99.9	999.9	22.6	119.
39.8	98.0	10879.6	219.0	-52.5	99.9	265.9	25.6	25.5	1.8	340.8	999.9	99.9	999.9	23.2	118.
40.3	99.0	11028.7	214.0	-52.9	99.9	266.4	26.8	26.7	1.7	342.3	999.9	99.9	999.9	23.9	117.
40.9	100.0	11150.5	210.0	-52.8	99.9	265.5	27.6	27.5	2.2	344.4	999.9	99.9	999.9	24.8	116.
41.6	101.0	11337.6	204.0	-52.9	99.9	262.6	27.5	27.3	3.5	347.0	999.9	99.9	999.9	25.8	115.
42.1	102.0	11465.4	200.0	-52.6	99.9	260.6	27.1	26.7	4.4	349.5	999.9	99.9	999.9	26.5	114.
42.7	103.0	11595.9	196.0	-52.8	99.9	260.2	27.3	26.9	4.7	351.3	999.9	99.9	999.9	27.3	113.
43.2	104.0	11762.7	191.0	-52.6	99.9	261.0	27.9	27.6	4.4	354.1	999.9	99.9	999.9	28.0	112.
43.7	105.0	11899.4	187.0	-52.9	99.9	261.8	28.4	28.1	4.0	355.8	999.9	99.9	999.9	28.7	111.
44.3	106.0	12038.8	183.0	-52.9	99.9	263.2	28.9	28.7	3.4	358.0	999.9	99.9	999.9	29.6	110.
44.9	107.0	12181.4	179.0	-52.9	99.9	265.8	30.0	29.9	2.2	360.2	999.9	99.9	999.9	30.5	109.
45.4	108.0	12327.4	175.0	-52.3	99.9	267.4	30.4	30.4	1.4	363.6	999.9	99.9	999.9	31.4	108.
46.0	109.0	12476.9	171.0	-52.6	99.9	267.0	29.5	29.4	1.6	365.5	999.9	99.9	999.9	32.5	108.
46.6	110.0	12591.4	168.0	-52.0	99.9	264.6	27.8	27.7	2.6	368.4	999.9	99.9	999.9	33.4	107.
47.2	111.0	12787.5	163.0	-51.1	99.9	262.7	26.8	26.5	3.4	373.1	999.9	99.9	999.9	34.3	106.
47.8	112.0	12948.9	159.0	-51.5	99.9	263.0	27.2	27.0	3.3	375.0	999.9	99.9	999.9	35.1	106.
48.3	113.0	13072.6	156.0	-51.2	99.9	264.4	28.9	28.8	2.8	377.5	999.9	99.9	999.9	35.9	105.
48.9	114.0	13241.7	152.0	-50.6	99.9	264.5	31.0	30.9	3.0	381.4	999.9	99.9	999.9	37.0	105.
49.4	115.0	13371.8	149.0	-50.2	99.9	262.6	30.8	30.6	4.0	384.3	999.9	99.9	999.9	37.9	104.
50.2	116.0	13594.8	144.0	-50.0	99.9	256.6	27.0	26.2	6.2	388.4	999.9	99.9	999.9	39.2	103.
50.8	117.0	13732.4	141.0	-49.9	99.9	251.7	26.2	24.8	8.2	391.0	999.9	99.9	999.9	39.9	103.
51.4	118.0	13872.9	138.0	-50.2	99.9	249.0	28.4	26.5	10.2	392.9	999.9	99.9	999.9	40.7	102.
52.0	119.0	14065.1	134.0	-50.0	99.9	246.9	29.9	27.5	11.7	396.4	999.9	99.9	999.9	41.7	101.
52.5	120.0	14212.8	131.0	-50.8	99.9	243.6	29.1	26.0	12.9	397.7	999.9	99.9	999.9	42.4	100.
52.9	121.0	14363.1	128.0	-52.5	99.9	240.2	27.9	24.2	13.8	397.3	999.9	99.9	999.9	43.0	100.
53.6	122.0	14516.3	125.0	-52.9	99.9	239.9	27.0	23.3	13.5	399.2	999.9	99.9	999.9	43.7	99.
54.1	123.0	14672.9	122.0	-53.2	99.9	245.2	27.5	25.0	11.6	401.4	999.9	99.9	999.9	44.3	98.
54.7	124.0	14833.0	119.0	-54.0	99.9	249.7	28.0	26.3	9.7	402.8	999.9	99.9	999.9	45.3	98.
55.3	125.0	14996.7	116.0	-54.6	99.9	250.8	28.1	26.5	9.2	404.6	999.9	99.9	999.9	46.2	97.
56.0	126.0	15163.9	113.0	-55.8	99.9	255.4	30.3	29.3	7.6	405.6	999.9	99.9	999.9	47.1	96.
56.6	127.0	15335.7	110.0	-54.8	99.9	259.8	32.0	31.5	5.6	410.5	999.9	99.9	999.9	48.4	96.
57.2	128.0	15512.6	107.0	-54.5	99.9	260.0	29.8	29.3	5.2	414.4	999.9	99.9	999.9	49.5	96.
57.8	129.0	15694.7	104.0	-54.6	99.9	255.7	25.3	24.5	6.2	417.5	999.9	99.9	999.9	50.5	95.
58.3	130.0	15881.4	101.0	-56.1	99.9	251.4	22.8	21.6	7.2	418.2	999.9	99.9	999.9	51.2	95.
59.2	131.0	16072.8	98.0	-56.9	99.9	255.4	27.5	26.7	6.9	420.2	999.9	99.9	999.9	52.1	94.
59.9	132.0	16203.2	96.0	-57.6	99.9	258.4	33.7	33.0	6.8	421.4	999.9	99.9	999.9	53.5	94.
60.5	133.0	16403.6	93.0	-57.9	99.9	258.5	33.1	32.5	6.6	424.6	999.9	99.9	999.9	54.8	94.
61.2	134.0	16610.6	90.0	-57.2	99.9	263.1	26.7	26.6	3.2	429.9	999.9	99.9	999.9	56.0	93.
61.8	135.0	16753.1	88.0	-56.2	99.9	270.3	23.5	23.5	-0.1	434.7	999.9	99.9	999.9	56.8	93.
62.5	136.0	16973.0	85.0	-57.2	99.9	276.0	23.7	23.5	-2.5	437.0	999.9	99.9	999.9	57.8	93.
63.2	137.0	17200.7	82.0	-56.2	99.9	276.7	22.9	22.7	-2.7	443.5	999.9	99.9	999.9	58.8	93.
64.0	138.0	17437.2	79.0	-56.9	99.9	272.9	18.6	18.6	-0.9	447.0	999.9	99.9	999.9	59.9	94.
64.7	139.0	17599.2	77.0	-57.9	99.9	263.0	16.5	16.3	2.0	448.2	999.9	99.9	999.9	60.5	93.
65.6	140.0	17849.1	74.0	-59.1	99.9	257.9	22.4	21.9	4.7	450.8	999.9	99.9	999.9	61.3	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 3 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

5 FEBRUARY 1975  
2315 GMT

157 24. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.4	141.0	18108.8	71.0	-58.7	99.9	262.9	30.7	30.5	3.8	456.9	999.9	99.9	999.9	62.7	93.
67.1	142.0	18287.9	69.0	-59.6	99.9	265.7	29.4	29.3	2.2	458.8	999.9	99.9	999.9	64.1	93.
68.0	143.0	18566.1	66.0	-59.4	99.9	265.2	23.2	23.2	1.9	465.0	999.9	99.9	999.9	65.5	93.
68.9	144.0	18758.8	64.0	-59.2	99.9	262.2	21.1	20.9	2.9	469.5	999.9	99.9	999.9	66.6	92.
69.7	145.0	19058.8	61.0	-60.5	99.9	259.9	18.2	17.9	3.2	473.3	999.9	99.9	999.9	67.6	92.
70.6	146.0	19265.8	59.0	-61.9	99.9	261.6	19.0	18.8	2.8	474.7	999.9	99.9	999.9	68.4	92.
71.5	147.0	19478.8	57.0	-62.6	99.9	269.5	28.7	28.7	0.3	477.7	999.9	99.9	999.9	69.6	92.
72.4	148.0	19812.1	54.0	-62.8	99.9	276.1	27.3	27.1	-2.9	484.7	999.9	99.9	999.9	71.4	92.
73.4	149.0	20045.9	52.0	-60.5	99.9	273.0	21.1	21.1	-1.1	495.4	999.9	99.9	999.9	72.7	92.
74.5	150.0	20290.2	50.0	-60.6	99.9	262.5	18.8	18.6	2.5	500.6	999.9	99.9	999.9	73.9	92.
75.6	151.0	20674.4	47.0	-61.7	99.9	262.1	17.9	17.8	2.5	507.0	999.9	99.9	999.9	75.3	92.
76.7	152.0	20943.3	45.0	-62.4	99.9	261.5	15.7	15.6	2.3	511.6	999.9	99.9	999.9	76.3	92.
77.8	153.0	21223.1	43.0	-63.5	99.9	270.6	19.4	19.4	-0.2	515.5	999.9	99.9	999.9	77.3	92.
78.8	154.0	21514.8	41.0	-64.7	99.9	276.3	21.3	21.1	-2.3	519.8	999.9	99.9	999.9	78.7	92.
80.0	155.0	21820.0	39.0	-64.9	99.9	285.2	19.8	19.1	-5.2	526.8	999.9	99.9	999.9	80.0	92.
81.3	156.0	22307.4	36.0	-65.6	99.9	286.4	24.7	23.7	-7.0	537.0	999.9	99.9	999.9	81.8	92.
82.7	157.0	22656.3	34.0	-63.9	99.9	298.7	18.2	15.9	-8.7	550.4	999.9	99.9	999.9	83.5	92.
84.2	158.0	23029.5	32.0	-62.1	99.9	292.5	16.7	15.4	-8.4	564.9	999.9	99.9	999.9	84.9	93.
85.7	159.0	23429.1	30.0	-61.5	99.9	281.0	16.1	15.8	-3.1	576.9	999.9	99.9	999.9	86.3	93.
87.3	160.0	23854.7	28.0	-63.5	99.9	276.1	16.1	16.0	-1.7	582.8	999.9	99.9	999.9	87.9	93.
89.0	161.0	24308.3	26.0	-64.9	99.9	999.9	99.9	99.9	99.9	591.5	999.9	99.9	999.9	999.9	999.
90.9	162.0	24797.3	24.0	-64.3	99.9	999.9	99.9	99.9	99.9	606.9	999.9	99.9	999.9	999.9	999.

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
600 GMT

139 70. 0

TIME MIN	CNTCT	HEIGHT GPM	FRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	268.0	992.2	-11.1	-13.9	330.0	6.2	3.1	-5.4	262.8	266.2	1.3	80.0	0.0	0.
0.2	7.0	316.1	986.0	-11.2	-16.7	349.1	13.9	2.6	-13.7	262.5	265.3	1.0	67.0	0.2	131.
0.5	8.0	401.9	975.0	-12.5	-16.4	349.1	13.9	2.6	-13.7	262.7	265.5	1.1	72.9	0.2	131.
0.8	9.0	488.4	964.0	-13.4	-16.3	345.8	12.5	3.1	-12.1	262.7	265.5	1.1	78.8	0.5	151.
1.1	10.0	575.7	953.0	-14.2	-16.2	341.3	11.2	3.6	-10.6	262.7	265.6	1.1	85.1	0.7	155.
1.5	11.0	687.8	939.0	-15.3	-16.2	332.6	9.7	4.5	-8.6	262.7	265.6	1.2	93.3	0.9	155.
1.8	12.0	776.7	928.0	-16.0	-16.6	334.9	10.5	4.4	-9.5	262.8	265.8	1.1	95.3	1.1	154.
2.1	13.0	866.4	917.0	-16.7	-16.7	339.7	11.3	3.9	-10.6	263.0	266.0	1.1	100.1	1.3	154.
2.4	14.0	957.1	906.0	-17.2	-17.2	348.8	12.3	2.4	-12.0	263.4	266.2	1.1	100.9	1.5	155.
2.6	15.0	1049.2	895.0	-14.6	-14.6	352.8	12.5	1.6	-12.4	267.0	270.6	1.4	101.2	1.6	157.
2.9	16.0	1160.3	882.0	-13.4	-13.4	356.9	12.1	0.7	-12.1	269.5	273.5	1.5	101.4	1.9	160.
3.3	17.0	1256.0	871.0	-12.7	-12.7	351.1	10.7	1.7	-10.6	271.2	275.5	1.7	100.9	2.1	162.
3.6	18.0	1353.2	860.0	-12.2	-12.2	343.5	10.1	2.9	-9.7	272.6	277.2	1.7	101.0	2.3	163.
3.9	19.0	1451.7	849.0	-12.1	-12.1	337.7	10.5	4.0	-9.7	273.8	278.5	1.8	101.0	2.5	162.
4.2	20.0	1542.4	839.0	-12.2	-12.2	335.4	10.4	4.3	-9.4	274.6	279.3	1.8	101.0	2.7	162.
4.6	21.0	1661.8	826.0	-12.2	-12.2	334.7	9.6	4.1	-8.6	275.8	280.6	1.8	101.0	2.9	161.
4.9	22.0	1755.3	816.0	-11.0	-11.0	335.2	8.1	3.4	-7.4	278.1	283.6	2.0	101.2	3.1	161.
5.3	23.0	1850.1	806.0	-10.8	-10.8	337.6	6.7	2.5	-6.2	279.3	284.9	2.1	101.2	3.3	160.
5.6	24.0	1946.1	796.0	-11.0	-11.0	338.7	5.9	2.1	-5.5	280.1	285.7	2.1	100.9	3.4	160.
5.9	25.0	2043.2	786.0	-11.7	-11.7	335.6	5.3	2.2	-4.8	280.3	285.8	2.0	100.8	3.5	160.
6.3	26.0	2170.9	773.0	-12.2	-12.2	317.9	4.8	3.2	-3.6	281.1	286.3	1.9	100.4	3.6	160.
6.7	27.0	2270.8	763.0	-11.3	-11.3	303.9	5.5	4.6	-3.1	283.2	289.0	2.1	100.8	3.7	159.
7.0	28.0	2372.3	753.0	-10.4	-10.4	300.8	6.5	5.6	-3.3	285.2	291.6	2.3	100.7	3.8	158.
7.3	29.0	2465.2	744.0	-9.2	-9.2	298.2	7.0	6.2	-3.3	287.5	294.6	2.6	100.8	3.9	157.
7.6	30.0	2569.9	734.0	-9.4	-9.4	296.6	7.6	6.8	-3.4	288.5	295.6	2.6	100.3	4.0	155.
8.0	31.0	2665.2	725.0	-10.1	-10.2	296.6	8.3	7.4	-3.7	288.7	295.5	2.4	99.6	4.1	154.
8.3	32.0	2772.2	715.0	-10.8	-11.2	297.5	8.9	7.9	-4.1	289.0	295.4	2.3	97.3	4.2	152.
8.6	33.0	2869.6	706.0	-11.1	-14.8	298.4	9.4	8.2	-4.4	289.7	294.6	1.7	73.9	4.4	151.
8.9	34.0	2968.1	697.0	-11.8	-16.2	299.2	9.7	8.4	-4.7	289.9	294.4	1.5	69.9	4.5	150.
9.2	35.0	3078.6	687.0	-12.7	-16.5	300.0	9.7	8.4	-4.9	290.2	294.6	1.5	72.6	4.7	149.
9.7	36.0	3201.6	676.0	-13.7	-17.0	301.3	9.5	8.1	-4.9	290.4	294.7	1.5	75.8	5.0	147.
9.9	37.0	3303.5	667.0	-14.4	-16.9	301.7	9.3	7.9	-4.9	290.7	295.2	1.5	80.9	5.1	147.
10.3	38.0	3406.4	658.0	-15.2	-17.2	301.7	8.9	7.6	-4.7	290.9	295.3	1.5	84.6	5.3	146.
10.6	39.0	3510.4	649.0	-15.9	-17.2	301.5	8.6	7.3	-4.5	291.3	295.7	1.5	89.2	5.4	145.
10.9	40.0	3603.8	641.0	-16.8	-18.4	301.3	8.3	7.1	-4.3	291.2	295.3	1.4	87.8	5.5	144.
11.3	41.0	3733.6	630.0	-17.7	-19.3	302.4	8.1	6.8	-4.3	291.7	295.6	1.3	86.9	5.7	144.
11.7	42.0	3841.3	621.0	-18.2	-19.8	304.5	7.9	6.5	-4.5	292.3	296.1	1.3	87.2	5.8	143.
12.0	43.0	3938.0	613.0	-19.0	-20.8	306.4	7.8	6.3	-4.6	292.4	295.9	1.2	85.9	6.0	143.
12.3	44.0	4048.1	604.0	-19.7	-21.7	307.3	7.7	6.1	-4.7	292.9	296.2	1.1	84.0	6.2	142.
12.6	45.0	4159.4	595.0	-20.5	-22.5	307.7	7.7	6.1	-4.7	293.2	296.3	1.0	83.5	6.3	142.
13.0	46.0	4259.5	587.0	-21.2	-23.2	307.0	7.7	6.1	-4.6	293.5	296.5	1.0	83.2	6.5	142.
13.3	47.0	4360.7	579.0	-22.0	-24.2	305.7	8.1	6.6	-4.7	293.7	296.6	0.9	82.1	6.6	141.
13.7	48.0	4462.9	571.0	-22.9	-25.6	304.3	8.7	7.2	-4.9	293.8	296.3	0.8	78.2	6.8	141.
14.0	49.0	4566.2	563.0	-23.8	-26.8	303.3	9.1	7.6	-5.0	293.9	296.2	0.8	76.3	6.9	141.
14.4	50.0	4670.6	555.0	-24.6	-27.4	302.2	9.5	8.0	-5.0	294.1	296.4	0.7	77.4	7.2	140.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
600 GMT

139 70. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.7	51.0	4802.7	545.0	-25.8	-28.4	301.2	9.6	8.2	-5.0	294.3	296.3	0.7	78.8	7.3	139.
15.1	52.0	4909.7	537.0	-26.6	-29.5	299.7	9.6	8.4	-4.8	294.5	296.4	0.6	76.6	7.6	139.
15.5	53.0	5017.9	529.0	-27.5	-31.0	297.6	9.7	8.6	-4.5	294.7	296.4	0.5	71.8	7.8	138.
15.7	54.0	5113.6	522.0	-28.5	-32.3	295.8	9.7	8.7	-4.2	294.7	296.2	0.5	69.1	7.9	138.
16.1	55.0	5224.1	514.0	-29.4	-33.6	291.7	9.6	8.9	-3.6	294.9	296.2	0.4	66.6	8.1	137.
16.5	56.0	5350.0	505.0	-30.2	-34.6	285.8	9.3	8.9	-2.5	295.4	296.7	0.4	65.0	8.3	137.
16.9	57.0	5463.5	497.0	-30.9	-35.7	279.3	8.9	8.8	-1.4	295.9	297.1	0.4	61.7	8.5	136.
17.2	58.0	5564.0	490.0	-31.8	-36.8	275.9	8.8	8.8	-0.9	296.0	297.1	0.3	60.9	8.6	135.
17.6	59.0	5680.3	482.0	-32.4	-37.6	273.7	9.0	8.9	-0.6	296.6	297.6	0.3	59.9	8.8	134.
18.0	60.0	5783.2	475.0	-33.5	-38.6	274.8	9.3	9.3	-0.8	296.5	297.4	0.3	59.7	8.9	133.
18.3	61.0	5887.3	468.0	-34.3	-39.4	275.9	9.6	9.5	-1.0	296.8	297.6	0.3	59.5	9.1	133.
18.7	62.0	5992.5	461.0	-35.2	-40.4	276.1	9.8	9.7	-1.0	296.9	297.7	0.2	59.0	9.3	132.
19.0	63.0	6098.9	454.0	-36.2	-41.1	275.4	9.7	9.7	-0.9	297.0	297.7	0.2	59.9	9.4	131.
19.3	64.0	6206.6	447.0	-37.0	-41.8	273.1	9.3	9.3	-0.5	297.3	298.0	0.2	60.6	9.6	130.
19.6	65.0	6315.6	440.0	-38.1	-42.4	270.8	9.0	9.0	-0.1	297.3	298.0	0.2	63.5	9.7	130.
20.1	66.0	6457.5	431.0	-39.3	-43.1	267.8	8.9	8.9	0.3	297.5	298.1	0.2	66.2	9.9	129.
20.5	67.0	6553.3	425.0	-40.5	-44.5	267.2	9.4	9.4	0.5	297.1	999.9	99.9	999.9	10.0	128.
20.8	68.0	6666.2	418.0	-41.5	-45.9	266.9	9.9	9.9	0.5	297.3	999.9	99.9	999.9	10.2	127.
21.2	69.0	6780.6	411.0	-42.5	-47.3	265.6	10.4	10.4	0.8	297.5	999.9	99.9	999.9	10.4	127.
21.5	70.0	6879.8	405.0	-43.4	-48.8	264.2	10.7	10.6	1.1	297.5	999.9	99.9	999.9	10.5	126.
21.9	71.0	7013.7	397.0	-44.6	-50.3	261.7	10.6	10.5	1.5	297.7	999.9	99.9	999.9	10.7	125.
22.3	72.0	7132.5	390.0	-45.6	-51.8	259.8	10.6	10.4	1.9	297.9	999.9	99.9	999.9	10.9	124.
22.7	73.0	7235.7	384.0	-46.4	-53.3	259.1	10.7	10.5	2.0	298.1	999.9	99.9	999.9	11.1	123.
23.0	74.0	7340.0	378.0	-47.6	-54.8	259.4	10.9	10.7	2.0	297.9	999.9	99.9	999.9	11.2	122.
23.3	75.0	7463.2	371.0	-48.6	-56.3	260.4	11.2	11.0	1.9	298.1	999.9	99.9	999.9	11.3	122.
23.7	76.0	7570.2	365.0	-49.4	-57.8	260.8	11.3	11.2	1.8	298.5	999.9	99.9	999.9	11.5	121.
24.0	77.0	7678.6	359.0	-50.4	-59.3	260.3	11.3	11.1	1.9	298.5	999.9	99.9	999.9	11.7	120.
24.3	78.0	7788.3	353.0	-51.4	-60.8	257.8	10.9	10.6	2.3	298.7	999.9	99.9	999.9	11.9	120.
24.7	79.0	7899.4	347.0	-52.3	-62.3	254.5	10.4	10.0	2.8	298.9	999.9	99.9	999.9	12.1	119.
24.9	80.0	7993.1	342.0	-53.4	-63.8	253.0	10.2	9.8	3.0	298.7	999.9	99.9	999.9	12.1	118.
25.3	81.0	8125.9	335.0	-54.5	-65.3	253.0	10.3	9.9	3.0	298.9	999.9	99.9	999.9	12.3	117.
25.6	82.0	8241.4	329.0	-55.3	-66.8	254.5	10.7	10.3	2.9	299.4	999.9	99.9	999.9	12.4	117.
25.9	83.0	8358.6	323.0	-56.0	-68.3	257.2	11.6	11.3	2.6	300.0	999.9	99.9	999.9	12.5	116.
26.1	84.0	8457.8	318.0	-56.5	-69.8	258.6	12.4	12.1	2.5	300.7	999.9	99.9	999.9	12.7	116.
26.4	85.0	8598.9	311.0	-56.8	-71.3	260.0	13.8	13.6	2.4	302.1	999.9	99.9	999.9	12.8	115.
26.7	86.0	8722.2	305.0	-57.3	-72.8	260.9	15.0	14.8	2.4	303.1	999.9	99.9	999.9	13.1	115.
27.0	87.0	8826.5	300.0	-58.2	-74.3	261.4	16.1	15.9	2.4	303.3	999.9	99.9	999.9	13.3	114.
27.3	88.0	8932.4	295.0	-58.0	-75.8	262.4	16.5	16.4	2.2	305.0	999.9	99.9	999.9	13.6	113.
27.6	89.0	9061.9	289.0	-58.0	-77.3	263.5	16.9	16.8	1.9	306.8	999.9	99.9	999.9	13.8	113.
27.8	90.0	9172.1	284.0	-57.2	-78.8	264.2	17.0	16.9	1.7	309.6	999.9	99.9	999.9	14.0	112.
28.1	91.0	9284.6	279.0	-56.7	-80.3	265.0	17.3	17.2	1.5	311.9	999.9	99.9	999.9	14.3	112.
28.4	92.0	9399.3	274.0	-56.3	-81.8	265.3	17.8	17.7	1.5	314.0	999.9	99.9	999.9	14.6	111.
28.7	93.0	9516.4	269.0	-56.0	-83.3	265.9	18.7	18.7	1.3	316.1	999.9	99.9	999.9	14.9	111.
29.0	94.0	9635.9	264.0	-55.2	-84.8	266.6	19.9	19.9	1.2	319.1	999.9	99.9	999.9	15.1	110.
29.3	95.0	9758.2	259.0	-54.7	-86.3	268.4	21.0	21.0	0.6	321.5	999.9	99.9	999.9	15.5	109.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
600 GMT

139 70. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
29.7	96.0	9908.4	253.0	-53.9	99.9	270.4	22.0	22.0	-0.2	324.9	999.9	99.9	999.9	16.0	109.
30.0	97.0	10036.7	248.0	-53.6	99.9	271.9	22.4	22.3	-0.7	327.2	999.9	99.9	999.9	16.4	108.
30.3	98.0	10167.9	243.0	-53.1	99.9	272.4	22.2	22.2	-0.9	329.8	999.9	99.9	999.9	16.8	108.
30.7	99.0	10275.0	239.0	-52.6	99.9	272.2	21.9	21.9	-0.8	332.1	999.9	99.9	999.9	17.3	108.
31.0	100.0	10411.7	234.0	-52.3	99.9	271.3	21.7	21.7	-0.5	334.6	999.9	99.9	999.9	17.7	107.
31.4	101.0	10551.4	229.0	-52.1	99.9	268.4	21.9	21.9	0.6	336.9	999.9	99.9	999.9	18.2	107.
31.7	102.0	10694.5	224.0	-51.8	99.9	266.7	22.4	22.3	1.3	339.5	999.9	99.9	999.9	18.6	106.
32.1	103.0	10811.2	220.0	-52.1	99.9	265.6	23.2	23.1	1.8	340.8	999.9	99.9	999.9	19.0	106.
32.5	104.0	10960.0	215.0	-52.3	99.9	266.6	24.1	24.1	1.4	342.8	999.9	99.9	999.9	19.6	105.
32.8	105.0	11081.4	211.0	-52.3	99.9	269.1	24.7	24.7	0.4	344.7	999.9	99.9	999.9	20.0	105.
33.1	106.0	11205.2	207.0	-52.6	99.9	271.5	25.4	25.4	-0.7	346.1	999.9	99.9	999.9	20.4	104.
33.5	107.0	11331.2	203.0	-52.8	99.9	274.5	26.3	26.2	-2.0	347.7	999.9	99.9	999.9	21.0	104.
33.8	108.0	11492.2	198.0	-52.6	99.9	275.0	26.4	26.3	-2.3	350.5	999.9	99.9	999.9	21.6	104.
34.2	109.0	11623.9	194.0	-53.2	99.9	275.0	25.9	25.8	-2.3	351.5	999.9	99.9	999.9	22.2	104.
34.6	110.0	11758.1	190.0	-53.2	99.9	274.3	24.9	24.9	-1.9	353.6	999.9	99.9	999.9	22.8	104.
35.2	111.0	11930.0	185.0	-52.9	99.9	273.8	24.0	23.9	-1.6	356.8	999.9	99.9	999.9	23.6	103.
35.7	112.0	12070.9	181.0	-53.1	99.9	273.5	23.6	23.5	-1.4	358.8	999.9	99.9	999.9	24.4	103.
36.1	113.0	12214.9	177.0	-53.4	99.9	272.7	23.3	23.3	-1.1	360.6	999.9	99.9	999.9	24.9	103.
36.6	114.0	12361.8	173.0	-54.0	99.9	271.3	23.3	23.3	-0.5	361.9	999.9	99.9	999.9	25.5	102.
37.0	115.0	12511.7	169.0	-54.8	99.9	270.4	23.7	23.7	-0.2	363.0	999.9	99.9	999.9	26.2	102.
37.6	116.0	12665.0	165.0	-54.5	99.9	270.6	24.6	24.6	-0.2	366.0	999.9	99.9	999.9	26.9	102.
38.0	117.0	12822.2	161.0	-54.4	99.9	270.9	24.9	24.9	-0.4	368.9	999.9	99.9	999.9	27.6	101.
38.5	118.0	12983.4	157.0	-54.4	99.9	270.5	23.8	23.8	-0.2	371.6	999.9	99.9	999.9	28.4	101.
38.9	119.0	13107.1	154.0	-54.4	99.9	269.2	23.3	23.3	0.3	373.6	999.9	99.9	999.9	28.8	101.
39.4	120.0	13275.6	150.0	-54.7	99.9	267.4	24.2	24.2	1.1	375.9	999.9	99.9	999.9	29.5	101.
39.9	121.0	13404.8	147.0	-55.0	99.9	266.6	25.9	25.9	1.5	377.5	999.9	99.9	999.9	30.2	100.
40.3	122.0	13581.0	143.0	-55.2	99.9	267.3	26.6	26.6	1.3	380.2	999.9	99.9	999.9	30.9	100.
41.0	123.0	13716.5	140.0	-54.8	99.9	270.3	26.3	26.3	-0.1	383.1	999.9	99.9	999.9	32.0	100.
41.6	124.0	13855.2	137.0	-54.2	99.9	272.5	26.6	26.6	-1.1	386.6	999.9	99.9	999.9	32.8	99.
42.0	125.0	14045.3	133.0	-54.0	99.9	272.9	26.7	26.6	-1.4	390.2	999.9	99.9	999.9	33.6	99.
42.6	126.0	14241.7	129.0	-53.2	99.9	272.0	25.2	25.2	-0.9	395.0	999.9	99.9	999.9	34.5	99.
43.1	127.0	14393.3	126.0	-53.1	99.9	270.4	24.0	24.0	-0.2	398.0	999.9	99.9	999.9	35.2	99.
43.7	128.0	14548.4	123.0	-53.7	99.9	267.7	23.2	23.2	0.9	399.6	999.9	99.9	999.9	36.1	99.
44.2	129.0	14707.1	120.0	-53.7	99.9	266.6	23.5	23.5	1.4	402.4	999.9	99.9	999.9	36.7	99.
44.8	130.0	14869.9	117.0	-53.6	99.9	268.2	25.4	25.4	0.8	405.6	999.9	99.9	999.9	37.5	98.
45.6	131.0	15093.6	113.0	-53.7	99.9	269.3	26.9	26.9	0.3	409.4	999.9	99.9	999.9	38.9	98.
46.3	132.0	15266.6	110.0	-53.6	99.9	264.8	26.4	26.3	2.4	412.9	999.9	99.9	999.9	39.9	98.
47.0	133.0	15444.4	107.0	-53.6	99.9	261.2	27.7	27.3	4.2	416.1	999.9	99.9	999.9	41.0	97.
47.6	134.0	15689.4	103.0	-53.7	99.9	263.4	28.3	28.1	3.2	420.4	999.9	99.9	999.9	42.0	97.
48.2	135.0	15815.1	101.0	-54.8	99.9	268.8	27.7	27.6	0.6	420.6	999.9	99.9	999.9	43.0	97.
49.0	136.0	16073.8	97.0	-54.4	99.9	274.9	27.2	27.1	-2.3	426.4	999.9	99.9	999.9	44.3	97.
49.8	137.0	16274.9	94.0	-55.0	99.9	272.3	26.9	26.9	-1.1	429.0	999.9	99.9	999.9	45.6	97.
50.6	138.0	16552.5	90.0	-55.3	99.9	269.1	27.3	27.3	1.4	433.7	999.9	99.9	999.9	47.0	96.
51.5	139.0	16768.3	87.0	-56.5	99.9	272.0	27.7	27.7	-0.9	435.6	999.9	99.9	999.9	48.3	96.
52.4	140.0	17066.7	83.0	-56.8	99.9	271.9	25.1	25.1	-0.8	440.8	999.9	99.9	999.9	49.8	96.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 1 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
600 GMT

139 70. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
53.2	141.0	17299.7	80.0	-57.3	99.9	271.4	28.8	28.8	-0.7	444.5	999.9	99.9	999.9	51.0	96.
54.1	142.0	17540.6	77.0	-58.7	99.9	269.5	31.5	31.5	0.3	446.5	999.9	99.9	999.9	52.7	96.
55.1	143.0	17876.1	73.0	-58.2	99.9	999.9	99.9	99.9	99.9	454.4	999.9	99.9	999.9	999.9	999.
56.2	144.0	16140.0	70.0	-58.7	99.9	999.9	99.9	99.9	99.9	458.8	999.9	99.9	999.9	999.9	999.

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
1115 GMT

151 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	268.0	993.3	-13.3	-16.0	310.0	8.2	6.3	-5.3	260.5	263.3	1.1	80.0	0.0	0.
0.3	7.0	331.9	985.0	-13.7	-16.8	317.1	7.7	5.3	-5.6	260.7	263.4	1.0	77.7	0.3	143.
0.7	8.0	417.1	974.0	-14.8	-17.0	318.1	7.7	5.2	-5.8	260.4	263.1	1.0	83.0	0.3	141.
1.0	9.0	502.9	963.0	-15.8	-17.3	319.6	7.8	5.0	-5.9	260.3	262.9	1.0	87.9	0.5	140.
1.4	10.0	589.5	952.0	-16.3	-17.5	324.4	9.2	5.3	-7.5	260.6	263.2	1.0	90.9	0.7	140.
1.8	11.0	700.7	938.0	-17.6	-18.2	329.3	10.5	5.4	-9.0	260.4	262.9	1.0	95.1	0.9	142.
2.2	12.0	797.0	926.0	-18.5	-19.1	336.3	11.7	4.7	-10.7	260.4	262.8	0.9	95.4	1.2	144.
2.6	13.0	886.1	915.0	-18.9	-19.5	345.0	12.9	3.4	-12.5	260.9	263.2	0.9	95.5	1.5	147.
2.9	14.0	976.1	904.0	-19.5	-20.0	351.3	14.1	2.1	-13.9	261.2	263.5	0.9	95.4	1.7	150.
3.2	15.0	1067.5	893.0	-17.3	-17.5	353.1	13.6	1.5	-13.5	264.4	267.2	1.1	97.6	1.9	153.
3.6	16.0	1177.7	880.0	-16.1	-16.1	350.2	11.7	2.0	-11.6	266.8	270.1	1.2	100.1	2.2	157.
4.0	17.0	1272.6	869.0	-15.5	-15.5	337.3	10.1	3.9	-9.3	268.3	271.8	1.3	100.2	2.5	157.
4.4	18.0	1369.0	858.0	-14.7	-14.7	334.8	11.5	4.9	-10.4	270.2	274.0	1.4	99.8	2.7	157.
4.7	19.0	1466.8	847.0	-14.4	-14.4	334.4	11.9	5.1	-10.7	271.5	275.4	1.4	98.0	3.0	157.
5.1	20.0	1566.2	836.0	-13.4	-13.8	333.6	11.6	5.2	-10.4	273.6	277.8	1.6	97.4	3.3	157.
5.6	21.0	1685.5	823.0	-13.3	-13.3	327.6	10.0	5.4	-8.5	274.9	279.2	1.6	96.1	3.6	156.
5.9	22.0	1778.6	813.0	-13.7	-14.3	323.8	9.1	5.4	-7.3	275.4	279.6	1.5	94.9	3.7	156.
6.3	23.0	1882.2	802.0	-13.6	-13.9	317.9	7.5	5.0	-5.6	276.7	281.1	1.6	97.4	3.9	155.
6.6	24.0	1977.7	792.0	-13.6	-14.0	313.1	6.6	4.8	-4.5	277.7	282.1	1.6	96.7	4.1	154.
6.9	25.0	2074.4	782.0	-13.7	-14.0	310.0	6.3	4.8	-4.0	278.5	283.0	1.6	97.4	4.1	154.
7.4	26.0	2201.9	769.0	-13.9	-14.1	311.7	7.2	5.4	-4.8	279.7	284.3	1.7	98.3	4.3	153.
7.7	27.0	2301.9	759.0	-11.5	-11.5	308.3	7.8	6.1	-4.8	283.4	289.2	2.1	102.0	4.5	152.
8.1	28.0	2403.7	749.0	-11.2	-11.2	301.5	8.6	7.3	-4.5	284.8	290.8	2.2	101.7	4.7	151.
8.4	29.0	2507.0	739.0	-11.2	-11.2	297.1	8.9	7.9	-4.1	285.9	292.0	2.2	101.7	4.8	150.
8.8	30.0	2601.1	730.0	-11.6	-11.6	292.5	9.2	8.5	-3.5	286.4	292.4	2.2	101.4	5.0	148.
9.2	31.0	2706.9	720.0	-11.9	-11.9	289.4	9.4	8.9	-3.1	287.3	293.2	2.1	101.0	5.1	147.
9.5	32.0	2813.9	710.0	-12.4	-12.4	287.9	9.5	9.1	-2.9	287.8	293.6	2.1	100.9	5.3	145.
9.9	33.0	2922.3	700.0	-12.7	-12.7	286.1	9.6	9.2	-2.7	288.6	294.4	2.0	100.9	5.5	144.
10.3	34.0	3021.0	691.0	-13.6	-13.6	283.1	9.8	9.5	-2.2	288.7	294.2	1.9	99.9	5.6	143.
10.7	35.0	3131.8	681.0	-14.3	-14.3	279.3	9.9	9.8	-1.6	289.2	294.4	1.8	99.0	5.8	141.
11.2	36.0	3255.2	670.0	-15.0	-15.2	273.8	10.1	10.1	-0.7	289.7	294.7	1.7	98.1	6.1	139.
11.6	37.0	3368.9	660.0	-15.8	-16.0	269.3	10.2	10.2	0.1	290.0	294.8	1.7	98.0	6.2	137.
11.9	38.0	3472.4	651.0	-16.5	-16.8	266.0	10.3	10.2	0.7	290.4	294.9	1.6	97.4	6.4	136.
12.3	39.0	3576.9	642.0	-17.3	-17.6	262.8	10.4	10.3	1.3	290.6	294.9	1.5	97.8	6.5	134.
12.7	40.0	3682.7	633.0	-18.1	-18.4	261.1	10.5	10.4	1.6	290.8	294.9	1.4	97.7	6.6	133.
13.1	41.0	3813.5	622.0	-18.9	-19.3	261.0	10.6	10.5	1.7	291.3	295.2	1.3	97.1	6.8	131.
13.5	42.0	3921.9	613.0	-19.9	-20.2	262.3	10.6	10.5	1.4	291.4	295.1	1.2	96.9	7.0	129.
13.9	43.0	4031.6	604.0	-20.6	-20.9	265.0	10.7	10.7	0.9	291.9	295.4	1.2	96.8	7.1	128.
14.3	44.0	4142.5	595.0	-21.5	-21.9	268.0	10.8	10.8	0.4	292.0	295.3	1.1	96.2	7.3	126.
14.6	45.0	4254.7	586.0	-22.6	-23.1	270.1	10.9	10.9	-0.0	292.1	295.1	1.0	95.6	7.5	126.
15.1	46.0	4368.2	577.0	-23.2	-23.8	272.5	11.1	11.1	-0.5	292.6	295.4	1.0	94.7	7.8	124.
15.4	47.0	4470.3	569.0	-24.2	-25.0	273.1	11.1	11.1	-0.6	292.6	295.3	0.9	93.0	8.0	123.
15.8	48.0	4586.5	560.0	-24.8	-25.7	272.8	10.8	10.8	-0.5	293.2	295.7	0.8	92.7	8.2	123.
16.2	49.0	4691.0	552.0	-25.6	-26.5	271.7	10.5	10.5	-0.3	293.4	295.8	0.8	92.1	8.4	122.
16.6	50.0	4810.1	543.0	-26.6	-27.5	270.2	10.3	10.3	-0.0	293.7	295.9	0.7	91.6	8.6	121.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
1115 GMT

151 21. 0

TIME MIN	CNYCT	HEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.1	51.0	4944.1	533.0	-27.6	-28.6	269.1	10.2	10.2	0.2	294.0	296.1	0.7	91.0	8.9	120.
17.4	52.0	5052.6	525.0	-28.8	-29.9	269.1	10.1	10.1	0.2	293.8	295.7	0.6	90.7	9.0	119.
17.8	53.0	5162.3	517.0	-29.9	-31.0	269.9	10.2	10.2	0.0	293.8	295.5	0.5	89.4	9.3	118.
18.2	54.0	5273.3	509.0	-30.8	-32.1	271.5	10.4	10.4	-0.3	294.0	295.6	0.5	87.8	9.5	118.
18.6	55.0	5399.7	500.0	-31.7	-33.1	273.4	10.9	10.9	-0.6	294.4	295.8	0.5	87.5	9.7	117.
19.0	56.0	5527.9	491.0	-32.8	-34.1	274.9	11.4	11.4	-1.0	294.6	296.0	0.4	87.4	9.9	117.
19.4	57.0	5643.4	483.0	-33.8	-35.2	276.3	11.9	11.9	-1.3	294.7	295.9	0.4	87.4	10.2	116.
19.8	58.0	5760.2	475.0	-34.9	-36.3	278.3	12.3	12.2	-1.8	294.8	295.9	0.4	86.6	10.5	115.
20.2	59.0	5863.6	468.0	-36.0	-37.3	280.7	12.3	12.3	-2.3	294.7	295.7	0.3	87.8	10.8	115.
20.6	60.0	5983.1	460.0	-37.1	-38.3	283.0	12.3	12.2	-2.8	294.8	295.7	0.3	88.0	11.1	115.
20.9	61.0	6104.2	452.0	-38.0	-39.2	284.4	12.3	11.9	-3.1	295.1	296.0	0.3	88.1	11.3	114.
21.4	62.0	6211.4	445.0	-39.5	-40.7	286.1	11.8	11.3	-3.3	294.5	295.3	0.2	87.9	11.6	114.
21.8	63.0	6335.3	437.0	-40.5	99.9	287.0	11.6	11.1	-3.4	294.8	999.9	99.9	999.9	11.9	114.
22.2	64.0	6445.1	430.0	-41.7	99.9	287.7	11.3	10.8	-3.4	294.6	999.9	99.9	999.9	12.2	114.
22.6	65.0	6556.0	423.0	-42.8	99.9	288.4	11.1	10.5	-3.5	294.6	999.9	99.9	999.9	12.5	114.
23.1	66.0	6700.7	414.0	-44.1	99.9	289.2	11.1	10.4	-3.6	294.8	999.9	99.9	999.9	12.8	114.
23.5	67.0	6814.9	407.0	-45.0	99.9	289.8	11.3	10.7	-3.8	295.1	999.9	99.9	999.9	13.0	114.
23.9	68.0	6947.3	399.0	-46.1	99.9	290.5	11.5	10.8	-4.0	295.3	999.9	99.9	999.9	13.3	113.
24.3	69.0	7064.7	392.0	-47.3	99.9	291.1	11.3	10.5	-4.1	295.3	999.9	99.9	999.9	13.6	113.
24.8	70.0	7166.4	386.0	-48.6	99.9	291.8	10.9	10.1	-4.0	294.8	999.9	99.9	999.9	14.0	113.
25.4	71.0	7321.1	377.0	-50.0	99.9	293.0	11.2	10.3	-4.4	295.0	999.9	99.9	999.9	14.3	113.
25.7	72.0	7443.4	370.0	-50.7	99.9	293.8	11.4	10.4	-4.6	295.6	999.9	99.9	999.9	14.5	113.
26.1	73.0	7549.6	364.0	-52.0	99.9	294.6	11.6	10.5	-4.8	295.3	999.9	99.9	999.9	14.8	113.
26.5	74.0	7675.2	357.0	-52.9	99.9	294.1	11.3	10.3	-4.6	295.7	999.9	99.9	999.9	15.1	113.
26.9	75.0	7784.4	351.0	-53.5	99.9	291.4	11.1	10.4	-4.1	296.3	999.9	99.9	999.9	15.3	113.
27.4	76.0	7913.6	344.0	-54.7	99.9	287.2	11.2	10.7	-3.3	296.5	999.9	99.9	999.9	15.7	113.
27.7	77.0	8026.0	338.0	-55.3	99.9	284.9	11.3	10.9	-2.9	297.1	999.9	99.9	999.9	15.9	113.
28.1	78.0	8159.3	331.0	-56.2	99.9	282.3	11.5	11.2	-2.4	297.7	999.9	99.9	999.9	16.2	113.
28.5	79.0	8275.4	325.0	-56.7	99.9	280.2	11.7	11.5	-2.1	298.6	999.9	99.9	999.9	16.4	113.
28.9	80.0	8393.6	319.0	-56.7	99.9	278.6	12.6	12.5	-1.9	300.2	999.9	99.9	999.9	16.7	113.
29.5	81.0	8534.3	312.0	-56.8	99.9	276.7	15.1	15.0	-1.8	301.9	999.9	99.9	999.9	17.1	112.
29.9	82.0	8657.3	306.0	-56.8	99.9	276.0	16.7	16.7	-1.8	303.5	999.9	99.9	999.9	17.5	112.
30.3	83.0	8782.9	300.0	-56.3	99.9	276.2	17.9	17.8	-1.9	306.0	999.9	99.9	999.9	18.0	111.
30.8	84.0	8911.5	294.0	-55.5	99.9	277.4	19.0	18.8	-2.5	308.9	999.9	99.9	999.9	18.5	111.
31.3	85.0	9043.2	288.0	-54.5	99.9	279.2	20.1	19.8	-3.2	312.1	999.9	99.9	999.9	19.1	111.
32.0	86.0	9201.2	281.0	-53.4	99.9	281.7	22.0	21.5	-4.5	316.0	999.9	99.9	999.9	19.9	110.
32.4	87.0	9340.4	275.0	-52.6	99.9	283.4	23.4	22.7	-3.4	319.1	999.9	99.9	999.9	20.5	110.
32.9	88.0	9459.1	270.0	-51.8	99.9	285.3	24.9	24.0	-3.6	321.9	999.9	99.9	999.9	21.2	110.
33.4	89.0	9604.7	264.0	-52.1	99.9	287.3	24.7	23.6	-7.3	323.5	999.9	99.9	999.9	22.0	110.
33.8	90.0	9728.5	259.0	-52.1	99.9	289.0	22.9	21.7	-7.5	325.3	999.9	99.9	999.9	22.6	110.
34.3	91.0	9880.3	253.0	-52.0	99.9	290.4	20.7	19.4	-7.2	327.7	999.9	99.9	999.9	23.2	110.
34.9	92.0	10009.7	248.0	-51.8	99.9	289.7	20.7	19.5	-7.0	329.8	999.9	99.9	999.9	23.8	110.
35.2	93.0	10141.9	243.0	-51.3	99.9	289.1	21.6	20.4	-7.1	332.4	999.9	99.9	999.9	24.2	110.
35.8	94.0	10276.9	238.0	-51.5	99.9	288.8	23.1	21.9	-7.4	334.2	999.9	99.9	999.9	25.1	110.
36.3	95.0	10414.8	233.0	-51.2	99.9	288.3	23.2	22.0	-7.3	336.7	999.9	99.9	999.9	25.8	110.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
1115 GMT

151 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.0	96.0	10584.9	227.0	-50.1	99.9	285.5	22.1	21.3	-5.9	340.8	999.9	99.9	999.9	26.8	110.
37.6	97.0	10730.3	222.0	-50.4	99.9	283.3	21.9	21.4	-5.0	342.6	999.9	99.9	999.9	27.5	109.
38.0	98.0	10878.8	217.0	-50.7	99.9	283.2	22.9	22.3	-5.2	344.3	999.9	99.9	999.9	28.0	109.
38.5	99.0	11030.3	212.0	-51.7	99.9	283.6	24.8	24.1	-5.8	345.2	999.9	99.9	999.9	28.7	109.
39.1	100.0	11153.8	208.0	-52.0	99.9	282.0	24.9	24.3	-5.2	346.6	999.9	99.9	999.9	29.7	109.
39.8	101.0	11343.5	202.0	-51.8	99.9	279.8	22.3	22.0	-3.8	349.7	999.9	99.9	999.9	30.7	109.
40.3	102.0	11506.0	197.0	-52.0	99.9	279.9	20.7	20.4	-3.6	352.0	999.9	99.9	999.9	31.3	108.
40.9	103.0	11638.8	193.0	-52.1	99.9	281.3	21.6	21.2	-4.2	353.8	999.9	99.9	999.9	32.0	108.
41.5	104.0	11774.4	189.0	-52.1	99.9	281.8	25.1	24.6	-5.1	356.0	999.9	99.9	999.9	32.7	108.
42.0	105.0	11947.9	184.0	-52.4	99.9	282.0	25.9	25.3	-5.4	358.2	999.9	99.9	999.9	33.8	108.
42.5	106.0	12089.8	180.0	-52.9	99.9	282.4	24.3	23.7	-5.2	359.7	999.9	99.9	999.9	34.4	108.
43.1	107.0	12234.6	176.0	-53.4	99.9	280.7	23.3	22.9	-4.3	361.2	999.9	99.9	999.9	35.2	108.
43.6	108.0	12382.5	172.0	-53.7	99.9	277.8	23.0	22.8	-3.1	363.1	999.9	99.9	999.9	35.9	108.
44.1	109.0	12533.6	168.0	-54.0	99.9	276.0	22.6	22.4	-2.4	365.0	999.9	99.9	999.9	36.7	107.
44.7	110.0	12688.1	164.0	-54.7	99.9	276.4	22.5	22.4	-2.5	366.4	999.9	99.9	999.9	37.3	107.
45.4	111.0	12846.1	159.0	-54.8	99.9	276.6	21.8	21.7	-2.5	369.4	999.9	99.9	999.9	38.4	107.
46.0	112.0	13048.9	155.0	-55.3	99.9	276.6	21.2	21.0	-2.4	371.3	999.9	99.9	999.9	39.1	107.
46.6	113.0	13215.6	151.0	-55.5	99.9	278.2	22.9	22.7	-3.3	373.8	999.9	99.9	999.9	39.7	106.
47.1	114.0	13386.6	147.0	-56.0	99.9	279.8	24.1	23.8	-4.1	375.8	999.9	99.9	999.9	40.6	106.
47.7	115.0	13517.8	144.0	-56.0	99.9	281.0	24.4	23.9	-4.7	378.0	999.9	99.9	999.9	41.4	106.
48.4	116.0	13742.2	139.0	-56.7	99.9	282.0	24.7	24.2	-5.1	380.7	999.9	99.9	999.9	42.6	106.
49.1	117.0	13880.6	136.0	-56.7	99.9	283.7	28.1	27.3	-6.7	383.1	999.9	99.9	999.9	43.3	106.
49.8	118.0	14070.0	132.0	-56.3	99.9	284.3	30.8	29.8	-7.6	386.9	999.9	99.9	999.9	44.9	106.
50.3	119.0	14216.2	129.0	-56.0	99.9	284.8	29.9	28.9	-7.7	390.1	999.9	99.9	999.9	45.7	106.
51.0	120.0	14416.7	125.0	-55.5	99.9	285.9	27.1	26.1	-7.4	394.5	999.9	99.9	999.9	47.1	106.
51.7	121.0	14571.7	122.0	-55.3	99.9	287.9	24.1	23.0	-7.4	397.6	999.9	99.9	999.9	48.0	106.
52.3	122.0	14730.5	119.0	-55.3	99.9	289.4	22.0	20.8	-7.3	400.4	999.9	99.9	999.9	48.9	106.
52.9	123.0	14893.4	116.0	-55.3	99.9	287.5	21.3	20.4	-6.4	403.4	999.9	99.9	999.9	49.5	106.
53.6	124.0	15060.5	113.0	-55.7	99.9	283.4	21.0	20.4	-4.9	405.8	999.9	99.9	999.9	50.5	106.
54.3	125.0	15290.3	109.0	-55.3	99.9	281.4	19.3	18.9	-3.8	410.6	999.9	99.9	999.9	51.3	106.
55.2	126.0	15529.3	105.0	-54.5	99.9	279.3	17.7	17.5	-2.9	416.6	999.9	99.9	999.9	52.4	106.
55.8	127.0	15652.4	103.0	-54.7	99.9	277.2	16.5	16.4	-2.1	418.6	999.9	99.9	999.9	52.9	106.
56.4	128.0	15841.9	100.0	-53.7	99.9	275.6	19.6	19.5	-1.9	424.0	999.9	99.9	999.9	53.4	106.
57.0	129.0	16037.8	97.0	-53.5	99.9	273.8	24.0	23.9	-1.6	428.0	999.9	99.9	999.9	54.4	106.
57.6	130.0	16239.6	94.0	-54.2	99.9	272.5	25.8	25.8	-1.1	430.6	999.9	99.9	999.9	55.1	105.
58.6	131.0	16517.8	90.0	-55.3	99.9	270.7	23.8	23.8	-0.3	433.7	999.9	99.9	999.9	56.8	105.
59.4	132.0	16661.1	88.0	-55.5	99.9	271.2	20.1	20.1	-0.4	436.2	999.9	99.9	999.9	57.7	105.
60.1	133.0	16882.0	85.0	-56.0	99.9	275.7	22.1	22.0	-2.2	439.5	999.9	99.9	999.9	58.5	104.
60.8	134.0	17110.3	82.0	-56.5	99.9	277.5	24.4	24.2	-3.2	443.0	999.9	99.9	999.9	59.5	104.
61.5	135.0	17266.8	80.0	-57.0	99.9	278.1	26.7	26.5	-3.8	445.1	999.9	99.9	999.9	60.5	104.
62.4	136.0	17591.5	76.0	-57.2	99.9	280.9	26.9	26.5	-5.1	451.4	999.9	99.9	999.9	62.0	104.
63.4	137.0	17846.3	73.0	-57.0	99.9	283.5	26.1	25.4	-6.1	457.0	999.9	99.9	999.9	63.7	104.
64.5	138.0	18111.5	70.0	-57.8	99.9	277.9	17.9	17.8	-2.5	460.6	999.9	99.9	999.9	65.1	104.
65.6	139.0	18387.4	67.0	-58.4	99.9	276.2	22.5	22.3	-2.4	465.3	999.9	99.9	999.9	66.2	104.
66.5	140.0	18674.9	64.0	-59.4	99.9	278.9	23.1	22.8	-3.6	469.2	999.9	99.9	999.9	67.6	104.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
1115 GMT

151 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.4	141.0	18873.4	62.0	-60.1	99.9	277.1	15.6	15.5	-1.9	471.9	999.9	99.9	999.9	68.8	104.
68.3	142.0	19182.5	59.0	-60.7	99.9	275.0	17.0	16.9	-1.5	477.4	999.9	99.9	999.9	69.4	104.
69.4	143.0	19507.5	56.0	-60.3	99.9	282.3	22.6	22.1	-4.8	485.4	999.9	99.9	999.9	71.0	104.
70.5	144.0	19849.6	53.0	-61.8	99.9	275.2	24.2	24.1	-2.2	489.7	999.9	99.9	999.9	72.8	103.
71.7	145.0	20209.1	50.0	-63.3	99.9	278.0	20.0	19.8	-2.8	494.4	999.9	99.9	999.9	74.1	103.
72.9	146.0	20459.7	48.0	-63.9	99.9	291.0	21.9	20.4	-7.8	498.8	999.9	99.9	999.9	75.5	103.
74.2	147.0	20855.6	45.0	-63.7	99.9	294.6	25.2	22.9	-10.5	508.6	999.9	99.9	999.9	77.2	104.
75.5	148.0	21280.4	42.0	-62.1	99.9	294.1	12.7	11.6	-5.2	522.5	999.9	99.9	999.9	79.1	104.
76.8	149.0	21581.6	40.0	-62.7	99.9	288.2	17.3	16.4	-5.4	528.4	999.9	99.9	999.9	80.0	104.
78.2	150.0	22062.4	37.0	-62.5	99.9	290.1	18.6	17.5	-6.4	540.8	999.9	99.9	999.9	81.4	104.
79.5	151.0	22582.7	34.0	-63.7	99.9	277.9	16.7	16.6	-2.3	551.0	999.9	99.9	999.9	83.2	104.
81.4	152.0	22954.8	32.0	-63.5	99.9	265.8	20.2	20.1	1.5	561.2	999.9	99.9	999.9	84.2	104.
83.1	153.0	23558.6	29.0	-64.1	99.9	286.5	19.4	18.6	-5.5	575.6	999.9	99.9	999.9	86.8	103.
84.9	154.0	24225.9	26.0	-65.0	99.9	285.7	18.9	18.2	-5.1	591.1	999.9	99.9	999.9	89.2	104.
86.8	155.0	24714.7	24.0	-64.2	99.9	285.2	26.0	25.1	-6.8	607.0	999.9	99.9	999.9	91.0	104.
89.2	156.0	25535.2	21.0	-62.5	99.9	999.9	99.9	99.9	99.9	635.9	999.9	99.9	999.9	999.9	999.

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
1415 GMT

154 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	268.0	994.6	-13.9	-16.1	310.0	10.3	7.9	-6.6	259.8	262.6	1.1	83.0	0.0	0.
0.2	7.0	333.9	986.0	-14.2	-18.3	999.9	99.9	99.9	99.9	260.1	262.5	0.9	70.8	999.9	999.
0.5	8.0	418.9	975.0	-15.5	-19.1	999.9	99.9	99.9	99.9	259.7	261.9	0.9	73.6	999.9	999.
0.8	9.0	512.3	963.0	-16.0	-19.0	999.9	99.9	99.9	99.9	260.0	262.3	0.9	77.9	999.9	999.
1.2	10.0	590.8	953.0	-16.9	-19.3	999.9	99.9	99.9	99.9	260.0	262.2	0.9	81.2	999.9	999.
1.5	11.0	701.8	939.0	-17.7	-19.5	999.9	99.9	99.9	99.9	260.2	262.5	0.9	85.8	999.9	999.
1.8	12.0	789.9	928.0	-18.4	-19.6	340.6	12.4	4.1	-11.7	260.4	262.7	0.9	90.1	1.1	144.
2.0	13.0	878.8	917.0	-19.2	-20.5	349.8	12.7	2.2	-12.5	260.5	262.6	0.8	89.1	1.2	146.
2.3	14.0	968.9	906.0	-17.8	-19.5	357.2	12.2	0.6	-12.2	262.8	265.1	0.9	86.0	1.4	151.
2.6	15.0	1051.9	896.0	-17.7	-19.1	2.1	11.6	-0.4	-11.6	263.7	266.2	0.9	88.3	1.6	155.
2.9	16.0	1161.4	883.0	-17.7	-19.0	1.1	10.3	-0.2	-10.3	264.8	267.4	1.0	89.0	1.8	158.
3.3	17.0	1255.4	872.0	-16.6	-17.3	353.2	10.0	1.2	-9.9	267.0	269.9	1.1	94.4	2.0	160.
3.6	18.0	1350.9	861.0	-16.4	-17.1	346.9	10.5	2.4	-10.3	268.1	271.2	1.2	94.4	2.2	161.
3.9	19.0	1448.0	850.0	-15.1	-15.5	343.2	11.8	3.4	-11.3	270.5	274.1	1.3	96.5	2.4	161.
4.2	20.0	1537.5	840.0	-14.8	-15.8	344.4	12.1	3.2	-11.6	271.7	275.3	1.3	91.9	2.6	161.
4.6	21.0	1646.9	828.0	-12.8	-14.2	348.3	11.9	2.4	-11.6	274.9	279.1	1.5	89.5	2.9	162.
4.9	22.0	1748.8	817.0	-13.8	-14.2	349.3	11.7	2.2	-11.5	275.0	279.2	1.6	97.1	3.1	162.
5.3	23.0	1842.4	807.0	-13.9	-14.2	348.9	12.4	2.4	-12.1	275.8	280.0	1.6	98.0	3.4	163.
5.6	24.0	1937.2	797.0	-13.9	-14.3	347.8	12.4	2.6	-12.2	276.8	281.0	1.6	96.9	3.6	163.
5.9	25.0	2033.1	787.0	-13.9	-14.3	345.8	11.4	2.8	-11.0	277.8	282.1	1.6	96.9	3.9	164.
6.4	26.0	2149.7	775.0	-14.8	-15.2	340.0	10.5	3.6	-9.9	278.1	282.2	1.5	96.8	4.1	164.
6.7	27.0	2248.0	765.0	-15.2	-15.6	335.0	10.5	4.4	-9.5	278.7	282.7	1.5	96.7	4.3	163.
7.0	28.0	2347.6	755.0	-14.6	-15.2	329.7	10.7	5.4	-9.2	280.3	284.6	1.5	95.4	4.6	163.
7.4	29.0	2459.6	744.0	-11.6	-12.0	323.7	10.7	6.3	-8.6	284.9	290.6	2.0	96.2	4.8	162.
7.7	30.0	2553.0	735.0	-11.0	-13.3	320.0	10.7	6.9	-8.2	286.5	291.7	1.9	82.9	5.0	161.
8.0	31.0	2658.3	725.0	-11.1	-14.4	316.6	10.7	7.3	-7.8	287.5	292.3	1.7	76.7	5.2	160.
8.4	32.0	2754.2	716.0	-11.4	-15.0	314.1	10.9	7.8	-7.6	288.2	292.9	1.7	74.8	5.4	159.
8.7	33.0	2862.0	706.0	-12.1	-15.7	313.0	11.2	8.2	-7.6	288.5	293.1	1.6	74.8	5.6	158.
9.0	34.0	2960.1	697.0	-12.7	-16.3	312.4	11.7	8.6	-7.9	289.0	293.4	1.5	74.2	5.7	157.
9.3	35.0	3070.3	687.0	-13.5	-17.1	312.2	12.2	9.1	-8.2	289.2	293.4	1.5	74.3	5.9	156.
9.7	36.0	3192.9	676.0	-14.2	-17.3	312.1	12.9	9.5	-8.6	289.8	293.8	1.4	74.3	6.2	155.
10.0	37.0	3305.4	666.0	-15.2	-18.6	312.1	13.2	9.8	-8.8	289.9	293.7	1.3	75.0	6.5	154.
10.4	38.0	3408.6	657.0	-15.9	-19.1	312.8	13.2	9.7	-9.0	290.2	294.0	1.3	76.0	6.7	153.
10.7	39.0	3512.5	648.0	-16.6	-20.1	313.3	13.2	9.6	-9.1	290.6	294.1	1.2	74.0	7.0	153.
11.0	40.0	3617.5	639.0	-17.1	-21.0	313.8	13.2	9.6	-9.2	291.1	294.4	1.1	71.7	7.2	152.
11.4	41.0	3747.6	628.0	-18.2	-22.2	313.6	13.6	9.9	-9.4	291.3	294.3	1.0	70.5	7.5	151.
11.7	42.0	3855.2	619.0	-19.3	-23.5	313.0	13.9	10.2	-9.5	291.3	294.0	0.9	69.1	7.7	151.
12.2	43.0	3964.0	610.0	-19.8	-24.2	311.7	14.1	10.5	-9.4	291.8	294.5	0.9	68.1	8.1	150.
12.4	44.0	4061.8	602.0	-20.8	-24.9	311.2	14.0	10.5	-9.2	291.9	294.4	0.8	69.3	8.4	149.
12.7	45.0	4173.0	593.0	-21.9	-25.9	310.6	13.5	10.3	-8.8	291.9	294.2	0.8	69.4	8.6	149.
13.1	46.0	4285.5	584.0	-22.4	-26.3	309.7	12.9	9.9	-8.3	292.5	294.8	0.8	70.1	8.8	148.
13.4	47.0	4386.7	576.0	-23.3	-27.5	308.9	12.6	9.8	-7.9	292.6	294.7	0.7	68.4	9.1	148.
13.7	48.0	4501.7	567.0	-24.3	-28.1	307.4	12.3	9.8	-7.5	292.8	294.8	0.7	70.5	9.3	147.
14.1	49.0	4605.2	559.0	-25.1	-28.7	304.8	12.1	9.9	-6.9	293.0	295.0	0.6	71.5	9.5	147.
14.4	50.0	4709.8	551.0	-26.0	-30.0	302.4	12.0	10.2	-6.4	293.1	294.9	0.6	68.6	9.8	146.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
1415 GMT

154 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.9	51.0	4842.1	541.0	-27.2	-31.5	299.7	12.5	10.9	-6.2	293.2	294.8	0.5	66.6	10.0	145.
15.2	52.0	4962.8	532.0	-27.9	-31.9	299.0	13.0	11.4	-6.3	293.8	295.4	0.5	68.1	10.2	145.
15.6	53.0	5071.5	524.0	-28.9	-32.8	298.3	13.6	12.0	-6.4	293.8	295.3	0.5	69.3	10.5	144.
16.0	54.0	5181.3	516.0	-29.9	-33.4	297.3	13.8	12.2	-6.3	294.0	295.4	0.4	70.7	10.9	143.
16.3	55.0	5278.5	509.0	-30.9	-34.7	296.7	13.7	12.3	-6.2	293.8	295.1	0.4	68.9	11.1	143.
16.8	56.0	5419.1	499.0	-31.7	-35.7	296.9	14.1	12.6	-6.4	294.5	295.7	0.4	67.7	11.4	142.
17.2	57.0	5533.1	491.0	-32.8	-36.9	298.3	14.7	13.0	-7.0	294.6	295.6	0.3	66.3	11.7	141.
17.6	58.0	5634.0	484.0	-33.9	-38.1	300.0	15.3	13.3	-7.7	294.5	295.4	0.3	65.0	12.1	140.
18.0	59.0	5750.6	476.0	-34.8	-39.8	301.2	15.5	13.3	-8.0	294.7	295.5	0.2	59.8	12.4	140.
18.4	60.0	5853.8	469.0	-35.8	-40.7	300.8	15.0	12.9	-7.7	294.8	295.5	0.2	60.2	12.8	139.
18.7	61.0	5973.3	461.0	-36.4	-41.3	299.8	14.5	12.6	-7.2	295.4	296.1	0.2	60.2	13.1	139.
19.2	62.0	6079.1	454.0	-37.8	-42.7	297.5	13.8	12.2	-6.4	294.9	295.6	0.2	60.0	13.5	138.
19.6	63.0	6201.5	446.0	-38.4	-43.6	296.1	13.4	12.1	-5.9	295.8	296.3	0.2	57.2	13.8	138.
20.0	64.0	6310.1	439.0	-39.5	-44.8	295.8	13.6	12.2	-5.9	295.7	296.2	0.2	56.4	14.0	137.
20.5	65.0	6419.9	432.0	-40.6	99.9	296.3	14.7	13.2	-6.5	295.7	999.9	99.9	999.9	14.4	137.
21.0	66.0	6562.9	423.0	-41.7	99.9	296.1	15.5	13.9	-6.8	296.1	999.9	99.9	999.9	14.9	136.
21.4	67.0	6675.9	416.0	-42.5	99.9	295.6	15.2	13.7	-6.6	296.4	999.9	99.9	999.9	15.2	136.
21.8	68.0	6790.2	409.0	-43.7	99.9	295.6	14.6	13.2	-6.3	296.3	999.9	99.9	999.9	15.6	135.
22.2	69.0	6906.0	402.0	-44.7	99.9	295.5	13.7	12.4	-5.9	296.5	999.9	99.9	999.9	15.9	135.
22.6	70.0	7023.4	395.0	-45.4	99.9	294.5	12.7	11.5	-5.3	297.1	999.9	99.9	999.9	16.2	134.
23.1	71.0	7159.4	387.0	-46.9	99.9	291.6	11.3	10.5	-4.2	296.9	999.9	99.9	999.9	16.6	134.
23.5	72.0	7262.7	381.0	-47.9	99.9	291.0	10.8	10.1	-3.9	296.8	999.9	99.9	999.9	16.8	133.
23.9	73.0	7384.8	374.0	-49.0	99.9	295.7	11.6	10.5	-5.1	297.0	999.9	99.9	999.9	16.9	133.
24.3	74.0	7490.8	368.0	-49.9	99.9	300.2	12.4	10.8	-6.3	297.2	999.9	99.9	999.9	17.3	133.
24.7	75.0	7616.1	361.0	-51.0	99.9	303.4	12.7	10.6	-7.0	297.3	999.9	99.9	999.9	17.6	133.
25.1	76.0	7724.9	355.0	-51.8	99.9	305.3	12.4	10.1	-7.2	297.7	999.9	99.9	999.9	17.9	133.
25.5	77.0	7835.2	349.0	-52.7	99.9	306.9	12.3	9.9	-7.4	297.9	999.9	99.9	999.9	18.2	133.
25.9	78.0	7965.7	342.0	-53.8	99.9	309.6	13.6	10.5	-8.7	298.1	999.9	99.9	999.9	18.4	132.
26.3	79.0	8079.2	336.0	-54.7	99.9	312.3	15.1	11.1	-10.1	298.5	999.9	99.9	999.9	18.8	132.
26.6	80.0	8194.4	330.0	-55.2	99.9	314.0	16.1	11.6	-11.2	299.3	999.9	99.9	999.9	19.1	132.
27.0	81.0	8331.1	323.0	-55.8	99.9	315.8	17.1	11.9	-12.2	300.2	999.9	99.9	999.9	19.5	133.
27.4	82.0	8450.5	317.0	-55.7	99.9	316.4	17.5	12.1	-12.7	302.1	999.9	99.9	999.9	19.9	133.
27.7	83.0	8572.2	311.0	-55.5	99.9	315.6	17.6	12.3	-12.6	304.0	999.9	99.9	999.9	20.3	133.
28.1	84.0	8696.4	305.0	-55.5	99.9	313.2	17.6	12.8	-12.1	305.7	999.9	99.9	999.9	20.7	133.
28.5	85.0	8802.3	300.0	-53.4	99.9	309.1	17.9	13.9	-11.3	310.2	999.9	99.9	999.9	21.1	133.
29.1	86.0	8954.5	293.0	-52.9	99.9	305.4	20.3	16.5	-11.7	312.9	999.9	99.9	999.9	21.7	132.
29.6	87.0	9088.0	287.0	-52.9	99.9	304.8	22.4	18.3	-12.8	314.8	999.9	99.9	999.9	22.4	132.
30.0	88.0	9224.4	281.0	-52.6	99.9	305.0	23.0	18.8	-13.2	317.2	999.9	99.9	999.9	22.8	132.
30.5	89.0	9340.8	276.0	-51.1	99.9	306.0	21.2	17.2	-12.5	320.9	999.9	99.9	999.9	23.9	132.
31.0	90.0	9459.6	271.0	-51.4	99.9	308.6	20.5	16.1	-12.8	322.1	999.9	99.9	999.9	24.2	132.
31.5	91.0	9605.0	265.0	-51.4	99.9	310.9	23.1	17.4	-15.1	324.1	999.9	99.9	999.9	24.7	132.
31.9	92.0	9728.7	260.0	-51.4	99.9	311.3	24.6	18.5	-16.2	325.9	999.9	99.9	999.9	25.5	132.
32.3	93.0	9854.7	255.0	-51.9	99.9	310.7	24.4	18.5	-15.9	327.0	999.9	99.9	999.9	26.1	132.
32.7	94.0	9982.9	250.0	-52.1	99.9	308.9	23.5	18.3	-14.7	328.7	999.9	99.9	999.9	26.8	132.
33.3	95.0	10113.7	245.0	-52.4	99.9	304.5	22.1	18.2	-12.5	330.1	999.9	99.9	999.9	27.5	132.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
1415 GMT

154 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
33.9	96.0	10274.1	239.0	-52.1	99.9	300.0	21.6	18.7	-10.8	332.9	999.9	99.9	999.9	28.2	131.
34.4	97.0	10411.2	234.0	-51.6	99.9	295.4	20.7	18.7	-8.9	335.7	999.9	99.9	999.9	28.9	131.
34.9	98.0	10551.5	229.0	-51.1	99.9	289.7	19.6	18.5	-6.6	338.4	999.9	99.9	999.9	29.4	131.
35.5	99.0	10695.1	224.0	-51.0	99.9	288.0	19.7	18.7	-6.1	340.8	999.9	99.9	999.9	30.0	130.
36.0	100.0	10841.9	219.0	-51.1	99.9	292.6	21.6	19.9	-8.3	342.8	999.9	99.9	999.9	30.6	130.
36.6	101.0	10992.1	214.0	-51.3	99.9	294.3	23.9	21.8	-9.8	344.2	999.9	99.9	999.9	31.4	129.
37.0	102.0	11145.7	209.0	-51.4	99.9	292.6	24.5	22.6	-9.4	346.9	999.9	99.9	999.9	32.2	129.
37.5	103.0	11271.2	205.0	-51.3	99.9	290.4	24.8	23.3	-8.7	349.1	999.9	99.9	999.9	32.6	129.
38.0	104.0	11431.7	200.0	-51.3	99.9	290.8	25.5	23.8	-9.0	351.6	999.9	99.9	999.9	33.4	128.
38.5	105.0	11563.0	196.0	-51.1	99.9	291.2	24.3	22.7	-8.8	353.9	999.9	99.9	999.9	34.2	128.
39.1	106.0	11697.1	192.0	-51.3	99.9	290.6	21.6	20.2	-7.6	355.7	999.9	99.9	999.9	35.0	127.
39.7	107.0	11833.8	188.0	-51.4	99.9	291.3	21.3	19.8	-7.7	357.6	999.9	99.9	999.9	35.6	127.
40.3	108.0	11973.5	184.0	-51.4	99.9	292.4	22.8	21.1	-8.7	359.8	999.9	99.9	999.9	36.4	127.
40.8	109.0	12116.1	180.0	-51.8	99.9	292.8	24.5	22.5	-9.5	361.5	999.9	99.9	999.9	37.0	127.
41.4	110.0	12261.8	176.0	-52.1	99.9	292.5	24.8	23.0	-9.5	363.4	999.9	99.9	999.9	38.0	126.
42.0	111.0	12406.2	170.0	-52.4	99.9	289.5	21.4	20.2	-7.1	366.5	999.9	99.9	999.9	39.0	126.
42.5	112.0	12601.2	167.0	-52.7	99.9	284.5	18.3	17.7	-4.6	367.8	999.9	99.9	999.9	39.4	126.
43.0	113.0	12757.7	163.0	-52.9	99.9	282.0	18.4	18.0	-3.8	370.1	999.9	99.9	999.9	39.9	125.
43.6	114.0	12918.0	159.0	-53.0	99.9	283.2	21.3	20.7	-4.9	372.5	999.9	99.9	999.9	40.4	125.
44.1	115.0	13082.1	155.0	-53.4	99.9	284.4	23.3	22.5	-5.8	374.6	999.9	99.9	999.9	41.2	125.
44.8	116.0	13250.3	151.0	-53.8	99.9	284.3	24.0	23.2	-5.9	376.6	999.9	99.9	999.9	42.1	124.
45.4	117.0	13422.5	147.0	-54.3	99.9	284.5	24.2	23.4	-6.1	378.7	999.9	99.9	999.9	42.9	124.
46.0	118.0	13554.6	144.0	-54.7	99.9	287.1	25.6	24.5	-7.5	380.3	999.9	99.9	999.9	43.7	123.
46.6	119.0	13734.9	140.0	-54.5	99.9	289.7	28.1	26.5	-9.5	383.7	999.9	99.9	999.9	44.6	123.
47.2	120.0	13873.7	137.0	-54.5	99.9	291.0	29.5	27.5	-10.5	386.1	999.9	99.9	999.9	45.7	123.
47.8	121.0	14063.5	133.0	-54.3	99.9	291.3	29.1	27.1	-10.6	389.6	999.9	99.9	999.9	46.8	122.
48.5	122.0	14209.8	130.0	-54.2	99.9	290.6	27.1	25.4	-9.5	392.5	999.9	99.9	999.9	47.9	122.
49.1	123.0	14410.8	126.0	-52.9	99.9	290.6	24.9	23.3	-8.7	398.4	999.9	99.9	999.9	48.9	122.
49.8	124.0	14566.4	123.0	-52.6	99.9	293.7	24.9	22.8	-10.0	401.7	999.9	99.9	999.9	49.7	122.
50.4	125.0	14726.0	120.0	-52.6	99.9	296.8	25.9	23.1	-11.7	404.5	999.9	99.9	999.9	50.8	122.
51.2	126.0	14944.8	116.0	-53.0	99.9	297.9	21.5	19.0	-10.0	407.6	999.9	99.9	999.9	52.0	122.
51.9	127.0	15113.7	113.0	-53.2	99.9	297.2	19.9	17.7	-9.1	410.4	999.9	99.9	999.9	52.6	122.
52.5	128.0	15286.9	110.0	-53.5	99.9	293.7	20.5	18.8	-8.3	412.9	999.9	99.9	999.9	53.6	122.
53.1	129.0	15464.4	107.0	-54.5	99.9	288.9	19.5	18.4	-6.3	414.3	999.9	99.9	999.9	54.2	121.
53.7	130.0	15646.5	104.0	-54.7	99.9	287.1	19.6	18.7	-5.8	417.4	999.9	99.9	999.9	54.8	121.
54.5	131.0	15897.0	100.0	-55.5	99.9	288.3	21.9	20.8	-6.9	420.5	999.9	99.9	999.9	55.7	121.
55.2	132.0	16090.8	97.0	-56.3	99.9	290.4	23.2	21.7	-8.1	422.6	999.9	99.9	999.9	56.6	121.
56.0	133.0	16290.3	94.0	-56.5	99.9	293.8	25.3	23.1	-10.2	426.0	999.9	99.9	999.9	57.8	121.
56.7	134.0	16496.2	91.0	-56.3	99.9	294.6	26.0	23.7	-10.8	430.3	999.9	99.9	999.9	59.0	120.
57.4	135.0	16709.2	88.0	-56.0	99.9	291.7	26.5	24.6	-9.8	435.2	999.9	99.9	999.9	60.0	120.
58.2	136.0	16929.8	85.0	-56.0	99.9	285.3	22.7	21.9	-6.0	439.5	999.9	99.9	999.9	61.3	120.
59.0	137.0	17158.1	82.0	-56.5	99.9	277.1	20.0	19.9	-2.5	443.0	999.9	99.9	999.9	62.2	120.
59.8	138.0	17394.6	79.0	-56.5	99.9	280.9	21.4	21.0	-4.0	447.7	999.9	99.9	999.9	63.1	119.
60.6	139.0	17723.3	75.0	-57.9	99.9	283.4	20.3	19.7	-4.7	451.6	999.9	99.9	999.9	64.2	119.
61.6	140.0	17979.6	72.0	-59.7	99.9	278.8	21.3	21.0	-3.3	453.1	999.9	99.9	999.9	65.1	119.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
1415 GMT

154 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.4	141.0	18246.0	69.0	-59.3	99.9	284.1	22.0	21.3	-5.4	459.4	999.9	99.9	999.9	66.4	119.
63.3	142.0	18525.3	66.0	-57.9	99.9	287.9	21.7	20.7	-6.7	468.4	999.9	99.9	999.9	67.3	118.
64.3	143.0	18818.9	63.0	-57.5	99.9	292.1	23.4	21.7	-8.8	475.4	999.9	99.9	999.9	68.6	118.
65.3	144.0	19126.9	60.0	-57.7	99.9	294.8	22.7	20.6	-9.5	481.7	999.9	99.9	999.9	70.2	118.
66.3	145.0	19450.6	57.0	-57.7	99.9	282.0	19.0	18.6	-4.0	488.8	999.9	99.9	999.9	71.4	118.
67.3	146.0	19791.5	54.0	-58.1	99.9	257.0	14.9	14.5	3.3	495.6	999.9	99.9	999.9	72.3	118.
68.3	147.0	20150.3	51.0	-59.7	99.9	266.3	15.9	15.8	1.0	500.0	999.9	99.9	999.9	72.9	117.
69.4	148.0	20527.9	48.0	-61.3	99.9	285.1	22.7	21.9	-5.9	504.8	999.9	99.9	999.9	74.2	117.
70.6	149.0	20928.2	45.0	-61.5	99.9	286.4	19.9	19.1	-5.6	513.8	999.9	99.9	999.9	75.7	117.
72.0	150.0	21355.7	42.0	-61.7	99.9	294.3	22.4	20.4	-9.2	523.6	999.9	99.9	999.9	77.2	116.
73.3	151.0	21816.5	39.0	-60.0	99.9	297.7	17.7	15.7	-8.2	539.0	999.9	99.9	999.9	78.9	117.
74.7	152.0	22315.3	36.0	-60.8	99.9	285.5	21.6	20.8	-5.8	549.6	999.9	99.9	999.9	81.0	116.
76.2	153.0	22854.9	33.0	-62.1	99.9	280.9	16.5	16.2	-3.1	559.9	999.9	99.9	999.9	82.0	116.
77.9	154.0	23442.0	30.0	-63.6	99.9	285.9	21.9	21.1	-6.0	571.2	999.9	99.9	999.9	84.1	116.
79.5	155.0	24088.6	27.0	-63.6	99.9	274.5	15.7	15.6	-1.2	588.7	999.9	99.9	999.9	85.8	116.
81.3	156.0	24810.1	24.0	-64.4	99.9	284.6	27.0	26.1	-6.8	606.5	999.9	99.9	999.9	88.1	115.
83.6	157.0	25632.6	21.0	-61.3	99.9	284.7	25.7	24.9	-6.5	639.5	999.9	99.9	999.9	91.2	115.
85.9	158.0	26596.4	18.0	-58.1	99.9	288.9	22.9	21.7	-7.4	678.6	999.9	99.9	999.9	94.6	114.
88.9	159.0	27753.7	15.0	-54.8	99.9	999.9	99.9	99.9	99.9	725.7	999.9	99.9	999.9	999.9	999.

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
1815 GMT

161 15. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	NX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	268.0	994.5	-10.0	-15.5	310.0	7.7	5.9	-4.9	263.7	266.7	1.1	64.0	0.0	0.
0.4	7.0	349.6	984.0	-11.8	-19.5	307.3	7.8	6.2	-4.7	262.7	264.9	0.8	52.5	0.3	147.
0.7	8.0	435.6	973.0	-12.5	-19.7	307.2	7.7	6.1	-4.6	262.8	265.0	0.8	54.7	0.4	142.
1.1	9.0	530.2	961.0	-13.5	-20.2	307.4	7.4	5.9	-4.5	262.8	264.9	0.8	56.9	0.5	137.
1.4	10.0	617.7	950.0	-14.3	-20.8	308.0	7.2	5.7	-4.4	262.8	264.8	0.8	57.6	0.7	135.
1.9	11.0	730.2	936.0	-14.9	-21.2	326.1	7.6	4.2	-6.3	263.3	265.3	0.8	58.4	0.9	134.
2.3	12.0	819.6	925.0	-15.0	-22.1	341.0	9.2	3.0	-8.7	264.1	266.0	0.7	54.6	1.1	138.
2.7	13.0	901.9	915.0	-14.6	-23.9	345.7	10.1	2.5	-9.8	265.3	267.0	0.6	44.9	1.3	143.
3.0	14.0	993.5	904.0	-14.7	-25.0	344.6	10.0	2.6	-9.6	266.1	267.6	0.6	41.1	1.5	147.
3.4	15.0	1086.2	893.0	-15.1	-25.1	344.9	10.7	2.8	-10.3	266.6	268.1	0.6	42.2	1.7	148.
3.8	16.0	1205.5	879.0	-15.7	-25.4	341.4	10.6	3.4	-10.1	267.2	268.7	0.5	42.9	2.0	151.
4.1	17.0	1300.5	868.0	-15.8	-25.4	335.2	10.6	4.4	-9.6	268.0	269.6	0.6	43.3	2.1	152.
4.5	18.0	1387.9	858.0	-15.3	-22.5	321.2	11.4	7.1	-8.9	269.5	271.5	0.7	53.6	2.4	152.
4.8	19.0	1485.8	847.0	-13.2	-17.4	320.7	13.7	8.7	-10.6	272.7	275.9	1.1	70.5	2.6	150.
5.2	20.0	1576.3	837.0	-13.6	-17.0	320.2	15.1	9.6	-11.6	273.2	276.5	1.2	75.4	3.0	149.
5.6	21.0	1695.4	824.0	-13.3	-15.9	318.5	14.1	9.4	-10.6	274.8	278.4	1.3	80.9	3.3	146.
6.0	22.0	1798.1	813.0	-12.1	-14.4	311.1	12.0	9.0	-7.9	277.2	281.4	1.5	82.4	3.6	147.
6.5	23.0	1892.8	803.0	-11.9	-14.9	312.2	12.2	9.1	-8.2	278.3	282.4	1.5	78.2	4.0	145.
6.9	24.0	1988.9	793.0	-11.5	-15.9	315.8	13.5	9.4	-9.7	279.8	283.6	1.4	69.8	4.3	145.
7.3	25.0	2086.2	783.0	-11.6	-16.0	315.9	14.6	10.2	-10.5	280.6	284.5	1.4	70.0	4.6	144.
7.9	26.0	2204.5	771.0	-11.9	-16.2	317.0	16.1	11.0	-11.8	281.6	285.5	1.4	70.1	5.2	143.
8.3	27.0	2304.5	761.0	-11.9	-16.3	316.6	15.9	11.0	-11.6	282.6	286.6	1.4	69.9	5.6	143.
8.7	28.0	2405.8	751.0	-11.9	-16.1	316.0	15.6	10.8	-11.2	283.7	287.8	1.4	70.6	5.9	142.
9.2	29.0	2498.0	742.0	-12.5	-16.6	315.1	15.2	10.7	-10.7	284.1	288.0	1.4	71.4	6.4	142.
9.5	30.0	2601.6	732.0	-13.0	-17.2	313.9	14.8	10.7	-10.3	284.5	288.4	1.3	70.6	6.7	142.
10.0	31.0	2706.5	722.0	-13.3	-17.6	309.8	14.4	11.0	-9.2	285.3	289.1	1.3	70.2	7.1	141.
10.3	32.0	2802.0	713.0	-13.5	-18.8	307.6	14.4	11.4	-8.8	286.2	289.7	1.2	63.7	7.3	141.
10.8	33.0	2909.4	703.0	-13.7	-19.9	305.3	14.9	12.2	-8.6	287.0	290.3	1.1	59.7	7.7	140.
11.2	34.0	3007.2	694.0	-14.6	-20.5	304.1	15.3	12.7	-8.6	287.2	290.3	1.1	60.8	8.1	139.
11.6	35.0	3106.0	685.0	-15.3	-20.8	302.6	15.4	12.9	-8.3	287.5	290.5	1.1	62.3	8.5	139.
12.1	36.0	3228.2	674.0	-16.1	-21.5	300.2	14.8	12.8	-7.4	287.9	290.8	1.0	63.1	8.9	138.
12.5	37.0	3329.3	665.0	-16.8	-21.9	298.3	14.3	12.5	-6.8	288.2	291.1	1.0	64.6	9.2	137.
13.0	38.0	3443.1	655.0	-17.2	-23.0	296.4	13.9	12.5	-6.2	289.0	291.7	0.9	60.3	9.6	136.
13.4	39.0	3535.1	647.0	-17.9	-23.6	295.4	13.7	12.4	-5.9	289.2	291.8	0.9	60.4	10.0	135.
13.8	40.0	3639.2	638.0	-18.6	-25.6	295.4	13.6	12.3	-5.8	289.6	291.8	0.7	53.6	10.2	135.
14.3	41.0	3769.5	627.0	-18.8	-27.6	296.0	13.9	12.5	-6.1	290.7	292.6	0.6	45.5	10.6	134.
14.7	42.0	3865.1	619.0	-19.4	-29.4	295.7	14.5	13.0	-6.3	291.1	292.8	0.5	40.4	10.9	133.
15.1	43.0	3973.8	610.0	-20.2	-31.0	294.1	15.0	13.7	-6.1	291.4	292.9	0.5	37.0	11.3	133.
15.6	44.0	4083.8	601.0	-21.0	-31.7	290.9	15.5	14.5	-5.6	291.7	293.1	0.4	37.3	11.7	132.
16.0	45.0	4182.7	593.0	-21.7	-31.5	289.2	15.7	14.8	-5.2	292.1	293.5	0.5	40.3	12.1	131.
16.3	46.0	4282.5	585.0	-22.7	-32.0	289.1	15.7	14.8	-5.1	291.9	293.3	0.4	42.2	12.3	131.
16.8	47.0	4396.1	576.0	-23.5	-32.8	289.5	16.1	15.2	-5.4	292.3	293.6	0.4	42.0	12.8	130.
17.3	48.0	4498.3	568.0	-24.2	-34.3	290.0	17.3	16.3	-5.9	292.7	293.8	0.4	38.3	13.2	129.
17.7	49.0	4601.5	560.0	-25.3	-34.8	290.0	18.2	17.1	-6.2	292.6	293.7	0.3	40.1	13.6	129.
18.0	50.0	4705.8	552.0	-26.2	-36.2	289.8	18.6	17.5	-6.3	292.7	293.7	0.3	38.0	14.0	128.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
1815 GMT

161 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.6	51.0	4837.9	542.0	-27.0	-37.4	288.5	17.5	16.6	-5.6	293.3	294.2	0.3	36.4	14.6	127.
19.1	52.0	4944.9	534.0	-27.9	-39.3	288.4	17.1	16.2	-5.4	293.4	294.2	0.2	32.5	15.1	127.
19.6	53.0	5053.2	526.0	-28.6	-40.5	289.8	18.0	16.9	-6.1	293.9	294.6	0.2	30.5	15.5	126.
20.0	54.0	5149.0	519.0	-29.4	-42.4	290.8	19.0	17.8	-6.8	294.1	294.6	0.2	26.9	16.0	126.
20.4	55.0	5259.7	511.0	-30.4	-44.6	290.6	19.5	18.3	-6.9	294.1	294.5	0.1	23.2	16.4	125.
20.9	56.0	5400.1	501.0	-31.1	-46.4	290.2	19.8	18.5	-6.8	294.9	295.3	0.1	20.4	17.0	125.
21.4	57.0	5499.7	494.0	-31.9	-47.6	291.1	20.1	18.7	-7.2	295.1	295.5	0.1	19.1	17.5	124.
21.9	58.0	5600.3	487.0	-32.7	-48.5	293.3	20.6	18.9	-8.2	295.4	295.7	0.1	18.8	18.2	124.
22.3	59.0	5716.8	479.0	-33.6	-49.2	295.6	21.0	18.9	-9.1	295.6	295.9	0.1	18.8	18.7	124.
22.8	60.0	5819.9	472.0	-34.4	-50.3	298.6	21.4	18.8	-10.2	295.9	296.1	0.1	18.0	19.3	123.
23.2	61.0	5924.3	465.0	-34.9	-51.2	301.1	21.4	18.4	-11.1	296.5	296.7	0.1	17.1	19.8	123.
23.6	62.0	6030.0	458.0	-35.6	-52.2	304.0	21.1	17.5	-11.8	296.9	297.2	0.1	16.2	20.4	123.
24.1	63.0	6152.4	450.0	-36.2	-52.6	308.8	20.0	15.6	-12.6	297.7	298.0	0.1	16.3	21.0	123.
24.6	64.0	6245.5	444.0	-36.7	-51.7	314.3	18.9	13.4	-13.1	298.2	298.5	0.1	19.1	21.6	124.
25.1	65.0	6355.4	437.0	-37.4	-49.5	317.8	18.1	12.2	-13.4	298.7	299.0	0.1	26.5	22.1	124.
25.7	66.0	6498.9	428.0	-38.2	-48.9	317.5	19.2	13.0	-14.2	299.5	299.8	0.1	30.9	22.7	124.
26.2	67.0	6612.2	421.0	-39.1	-49.0	317.6	20.6	13.9	-15.2	299.6	300.0	0.1	34.0	23.3	125.
26.7	68.0	6710.3	415.0	-40.2	99.9	319.6	21.0	13.6	-16.0	299.5	999.9	99.9	999.9	23.9	125.
27.1	69.0	6826.1	408.0	-41.2	99.9	321.6	20.9	13.0	-16.3	299.7	999.9	99.9	999.9	24.4	125.
27.5	70.0	6926.7	402.0	-41.8	99.9	322.6	20.6	12.5	-16.4	300.3	999.9	99.9	999.9	24.8	126.
28.0	71.0	7079.8	393.0	-42.7	99.9	322.0	20.8	12.8	-16.4	301.0	999.9	99.9	999.9	25.6	126.
28.5	72.0	7183.5	387.0	-43.3	99.9	321.9	21.6	13.3	-17.0	301.6	999.9	99.9	999.9	25.9	127.
28.9	73.0	7288.5	381.0	-44.2	99.9	323.4	22.4	13.3	-18.0	301.8	999.9	99.9	999.9	26.6	127.
29.3	74.0	7394.9	375.0	-44.3	99.9	325.6	22.9	12.9	-18.9	303.0	999.9	99.9	999.9	27.1	127.
29.7	75.0	7521.1	368.0	-44.7	99.9	327.8	23.4	12.5	-19.8	304.0	999.9	99.9	999.9	27.6	128.
30.2	76.0	7631.0	362.0	-45.3	99.9	329.8	24.3	12.2	-21.0	304.7	999.9	99.9	999.9	28.3	128.
30.6	77.0	7742.3	356.0	-46.2	99.9	330.7	25.0	12.3	-21.8	305.0	999.9	99.9	999.9	28.8	129.
31.1	78.0	7855.0	350.0	-47.3	99.9	331.2	25.4	12.3	-22.3	304.9	999.9	99.9	999.9	29.5	129.
31.6	79.0	7969.2	344.0	-48.2	99.9	330.8	25.1	12.3	-21.9	305.2	999.9	99.9	999.9	30.3	130.
32.0	80.0	8065.5	339.0	-48.8	99.9	329.8	24.6	12.4	-21.3	305.7	999.9	99.9	999.9	30.7	130.
32.6	81.0	8202.4	332.0	-49.6	99.9	328.5	23.8	12.5	-20.3	306.5	999.9	99.9	999.9	31.7	131.
33.0	82.0	8321.6	326.0	-50.3	99.9	328.1	23.6	12.5	-20.0	307.0	999.9	99.9	999.9	32.2	131.
33.6	83.0	8442.5	320.0	-51.6	99.9	328.0	26.3	13.9	-22.3	307.0	999.9	99.9	999.9	33.0	131.
34.0	84.0	8544.6	315.0	-52.0	99.9	327.7	29.4	15.7	-24.8	307.7	999.9	99.9	999.9	33.5	132.
34.5	85.0	8669.1	309.0	-52.2	99.9	327.1	31.5	17.2	-26.5	309.2	999.9	99.9	999.9	34.5	132.
35.1	86.0	8817.5	302.0	-51.9	99.9	325.5	29.6	16.8	-24.4	311.6	999.9	99.9	999.9	35.7	133.
35.6	87.0	8925.7	297.0	-51.7	99.9	323.1	27.7	16.6	-22.1	313.4	999.9	99.9	999.9	36.5	133.
36.1	88.0	9035.8	292.0	-51.9	99.9	319.9	27.8	17.9	-21.2	314.7	999.9	99.9	999.9	37.2	133.
36.5	89.0	9147.6	287.0	-52.5	99.9	317.6	28.7	19.4	-21.2	315.3	999.9	99.9	999.9	37.9	133.
36.9	90.0	9283.9	281.0	-53.3	99.9	315.8	29.0	20.2	-20.8	316.1	999.9	99.9	999.9	38.7	133.
37.4	91.0	9399.2	276.0	-54.4	99.9	313.7	28.6	20.7	-19.8	316.1	999.9	99.9	999.9	39.5	133.
37.9	92.0	9516.3	271.0	-54.4	99.9	312.1	27.7	20.6	-18.6	317.7	999.9	99.9	999.9	40.4	133.
38.3	93.0	9635.7	266.0	-54.3	99.9	311.6	26.6	19.9	-17.6	319.7	999.9	99.9	999.9	41.1	133.
38.8	94.0	9757.3	261.0	-54.4	99.9	311.8	24.9	18.6	-16.6	321.2	999.9	99.9	999.9	41.8	133.
39.2	95.0	9881.4	256.0	-53.6	99.9	311.8	23.6	17.6	-15.7	324.2	999.9	99.9	999.9	42.4	133.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 3 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
1815 GMT

161 15. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.8	96.0	10008.1	251.0	-54.1	99.9	309.5	22.0	16.9	-14.0	325.3	999.9	99.9	999.9	43.2	133.
40.3	97.0	10137.1	246.0	-54.8	99.9	304.6	21.6	17.8	-12.3	326.2	999.9	99.9	999.9	43.8	133.
40.7	98.0	10268.2	241.0	-55.6	99.9	299.3	22.1	19.3	-10.8	326.9	999.9	99.9	999.9	44.3	133.
41.1	99.0	10401.6	236.0	-56.2	99.9	294.1	23.2	21.2	-9.5	327.8	999.9	99.9	999.9	44.9	133.
41.5	100.0	10510.3	232.0	-55.7	99.9	290.4	25.3	23.7	-8.8	330.2	999.9	99.9	999.9	45.4	133.
42.2	101.0	10677.4	226.0	-55.1	99.9	291.5	30.2	28.1	-11.1	333.7	999.9	99.9	999.9	46.4	132.
42.7	102.0	10791.8	222.0	-53.8	99.9	292.4	31.3	28.9	-11.9	337.4	999.9	99.9	999.9	47.4	131.
43.1	103.0	10938.4	217.0	-53.3	99.9	291.8	30.7	28.5	-11.4	340.3	999.9	99.9	999.9	48.1	131.
43.5	104.0	11058.1	213.0	-53.6	99.9	289.8	30.1	28.3	-10.2	341.7	999.9	99.9	999.9	48.9	131.
44.1	105.0	11179.9	209.0	-53.9	99.9	288.0	30.9	29.4	-9.6	343.0	999.9	99.9	999.9	49.6	130.
44.7	106.0	11304.4	205.0	-52.5	99.9	290.5	33.4	31.2	-11.7	347.2	999.9	99.9	999.9	50.9	130.
45.3	107.0	11464.1	200.0	-52.2	99.9	296.0	40.1	36.0	-17.5	350.1	999.9	99.9	999.9	51.8	130.
45.9	108.0	11595.1	196.0	-51.1	99.9	299.6	44.9	39.1	-22.2	353.9	999.9	99.9	999.9	53.7	129.
46.5	109.0	11729.6	192.0	-49.9	99.9	300.7	38.2	32.9	-19.5	357.9	999.9	99.9	999.9	55.5	129.
47.0	110.0	11867.5	188.0	-49.3	99.9	298.6	29.0	25.5	-13.9	361.1	999.9	99.9	999.9	56.2	129.
47.5	111.0	12044.1	183.0	-49.7	99.9	293.0	24.7	22.8	-9.7	363.1	999.9	99.9	999.9	57.0	129.
48.0	112.0	12152.2	180.0	-50.0	99.9	289.1	24.9	23.5	-8.2	364.4	999.9	99.9	999.9	57.5	128.
48.4	113.0	12298.7	176.0	-51.1	99.9	289.5	25.8	24.4	-8.6	365.0	999.9	99.9	999.9	58.2	128.
48.9	114.0	12448.0	172.0	-51.7	99.9	290.5	25.8	24.1	-9.0	366.3	999.9	99.9	999.9	58.9	128.
49.3	115.0	12600.6	168.0	-51.7	99.9	289.0	23.8	22.5	-7.8	368.8	999.9	99.9	999.9	59.6	128.
49.9	116.0	12756.6	164.0	-51.9	99.9	281.7	19.4	19.0	-3.9	371.1	999.9	99.9	999.9	60.4	128.
50.4	117.0	12916.8	160.0	-52.0	99.9	276.8	18.1	18.0	-2.2	373.5	999.9	99.9	999.9	60.7	127.
51.0	118.0	13039.4	157.0	-52.2	99.9	283.3	22.3	21.7	-5.1	375.2	999.9	99.9	999.9	61.2	127.
51.6	119.0	13206.4	153.0	-52.2	99.9	290.7	30.4	28.4	-10.8	378.0	999.9	99.9	999.9	62.1	127.
52.1	120.0	13334.6	150.0	-52.0	99.9	292.2	32.9	30.5	-12.4	380.4	999.9	99.9	999.9	63.2	126.
52.7	121.0	13509.7	146.0	-51.9	99.9	290.4	29.6	27.8	-10.3	383.6	999.9	99.9	999.9	64.4	126.
53.3	122.0	13644.1	143.0	-52.7	99.9	288.7	28.2	26.7	-9.1	384.6	999.9	99.9	999.9	65.2	126.
53.8	123.0	13780.9	140.0	-53.0	99.9	288.9	30.2	28.6	-9.8	386.3	999.9	99.9	999.9	66.1	126.
54.4	124.0	13920.5	137.0	-53.1	99.9	289.5	32.9	31.0	-11.0	388.5	999.9	99.9	999.9	67.0	125.
55.0	125.0	14111.4	133.0	-53.3	99.9	290.2	34.2	32.1	-11.8	391.5	999.9	99.9	999.9	68.5	125.
55.7	126.0	14307.9	129.0	-53.6	99.9	288.1	31.2	29.7	-9.7	394.3	999.9	99.9	999.9	69.7	125.
56.2	127.0	14458.8	126.0	-54.8	99.9	282.4	26.0	25.4	-5.6	395.0	999.9	99.9	999.9	70.8	125.
56.8	128.0	14613.0	123.0	-54.8	99.9	278.4	22.4	22.2	-3.3	397.7	999.9	99.9	999.9	71.2	124.
57.3	129.0	14770.9	120.0	-54.9	99.9	283.5	25.6	25.1	-6.0	400.2	999.9	99.9	999.9	71.7	124.
57.9	130.0	14932.5	117.0	-55.6	99.9	286.7	30.6	29.3	-8.8	401.9	999.9	99.9	999.9	73.0	124.
58.4	131.0	15097.2	114.0	-56.1	99.9	284.9	28.8	27.8	-7.4	404.0	999.9	99.9	999.9	73.9	124.
59.0	132.0	15267.1	111.0	-56.9	99.9	282.6	24.4	23.9	-5.3	405.5	999.9	99.9	999.9	74.7	123.
59.7	133.0	15440.3	108.0	-57.6	99.9	284.9	24.9	24.0	-6.4	407.4	999.9	99.9	999.9	75.6	123.
60.3	134.0	15618.6	105.0	-56.6	99.9	288.6	28.1	26.6	-8.9	412.6	999.9	99.9	999.9	76.4	123.
61.0	135.0	15802.6	102.0	-56.4	99.9	291.5	27.4	25.5	-10.0	416.4	999.9	99.9	999.9	78.0	123.
61.9	136.0	15992.9	99.0	-54.8	99.9	289.1	20.9	19.8	-6.9	423.2	999.9	99.9	999.9	78.9	123.
62.7	137.0	16189.7	96.0	-54.8	99.9	283.9	22.6	21.9	-5.4	426.9	999.9	99.9	999.9	79.9	122.
63.4	138.0	16393.3	93.0	-53.8	99.9	280.3	26.3	25.9	-4.7	432.7	999.9	99.9	999.9	80.8	122.
64.1	139.0	16603.5	90.0	-54.8	99.9	281.9	29.4	28.8	-6.1	434.9	999.9	99.9	999.9	81.9	122.
64.8	140.0	16893.8	86.0	-55.6	99.9	283.4	29.6	28.8	-6.9	438.9	999.9	99.9	999.9	83.2	121.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
1815 GMT

161 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.5	141.0	17119.7	83.0	-56.2	99.9	283.0	26.4	25.7	-5.9	442.0	999.9	99.9	999.9	84.4	121.
66.3	142.0	17353.5	80.0	-56.4	99.9	275.3	20.4	20.3	-1.9	446.4	999.9	99.9	999.9	85.4	121.
67.1	143.0	17514.1	78.0	-56.7	99.9	264.2	16.2	16.1	1.6	448.9	999.9	99.9	999.9	86.2	121.
67.9	144.0	17762.2	75.0	-57.8	99.9	275.1	19.8	19.7	-1.8	451.8	999.9	99.9	999.9	86.7	120.
68.8	145.0	18019.1	72.0	-58.8	99.9	285.7	21.5	20.7	-5.8	454.9	999.9	99.9	999.9	88.0	120.
69.6	146.0	18286.5	69.0	-58.5	99.9	294.3	27.5	25.1	-11.3	461.2	999.9	99.9	999.9	88.6	120.
70.4	147.0	18565.4	66.0	-59.5	99.9	293.7	29.9	27.4	-12.0	464.8	999.9	99.9	999.9	90.5	120.
71.3	148.0	18856.5	63.0	-59.5	99.9	295.5	20.8	18.8	-8.9	471.1	999.9	99.9	999.9	92.0	120.
72.1	149.0	19161.8	60.0	-59.5	99.9	296.6	14.1	12.6	-6.3	477.7	999.9	99.9	999.9	92.6	120.
73.1	150.0	19482.6	57.0	-59.7	99.9	244.3	7.4	6.6	3.2	484.3	999.9	99.9	999.9	93.3	120.
74.1	151.0	19705.8	55.0	-60.0	99.9	260.8	15.0	14.8	2.4	488.5	999.9	99.9	999.9	92.8	119.
75.1	152.0	20056.2	52.0	-59.7	99.9	285.7	28.8	27.7	-7.8	497.2	999.9	99.9	999.9	95.2	119.
76.1	153.0	20429.0	49.0	-58.3	99.9	275.5	17.7	17.6	-1.7	509.1	999.9	99.9	999.9	96.0	119.
77.1	154.0	20690.7	47.0	-59.2	99.9	289.1	21.1	20.0	-6.9	513.1	999.9	99.9	999.9	97.1	119.
78.3	155.0	21103.3	44.0	-60.0	99.9	291.6	35.5	33.0	-13.1	520.7	999.9	99.9	999.9	99.7	119.
79.6	156.0	21543.3	41.0	-60.8	99.9	214.6	5.0	2.8	4.1	529.5	999.9	99.9	999.9	102.2	118.
81.0	157.0	21853.8	39.0	-61.7	99.9	289.0	29.5	27.9	-9.6	534.8	999.9	99.9	999.9	101.7	118.
82.2	158.0	22347.1	36.0	-63.8	99.9	279.9	21.2	20.9	-3.6	541.8	999.9	99.9	999.9	103.9	118.
83.4	159.0	22695.5	34.0	-66.4	99.9	270.0	13.1	13.1	0.0	543.9	999.9	99.9	999.9	104.7	118.
84.9	160.0	23256.6	31.0	-65.2	99.9	282.3	27.0	26.3	-5.7	561.7	999.9	99.9	999.9	106.3	117.
86.5	161.0	23882.1	28.0	-61.5	99.9	279.2	17.3	17.1	-2.8	588.5	999.9	99.9	999.9	108.2	117.
88.0	162.0	24341.2	26.0	-61.9	99.9	279.6	17.7	17.5	-3.0	600.0	999.9	99.9	999.9	109.3	117.
90.1	163.0	25104.1	23.0	-59.5	99.9	271.8	22.2	22.2	-0.7	628.4	999.9	99.9	999.9	112.7	116.
92.1	164.0	25973.1	20.0	-62.3	99.9	272.6	24.7	24.6	-1.1	645.6	999.9	99.9	999.9	115.5	116.
94.5	165.0	26631.2	18.0	-57.6	99.9	281.5	30.3	29.7	-6.0	680.1	999.9	99.9	999.9	119.3	115.
97.1	166.0	27784.7	15.0	-56.7	99.9	999.9	99.9	99.9	99.9	719.3	999.9	99.9	999.9	999.9	999.

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
2015 GMT

157 17. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	268.0	993.0	-7.8	-14.4	320.0	3.1	2.0	-2.4	266.0	269.4	1.3	59.0	0.0	0.
0.1	6.0	275.9	992.0	-6.2	-21.3	310.0	7.2	5.5	-4.6	267.6	269.5	0.7	29.1	0.2	141.
0.4	7.0	354.9	982.0	-7.7	-18.1	310.0	7.2	5.5	-4.6	266.9	269.4	0.9	42.9	0.2	141.
0.8	8.0	450.3	970.0	-8.9	-18.1	312.2	7.3	5.4	-4.9	266.7	269.2	0.9	47.1	0.4	137.
1.2	9.0	538.5	959.0	-9.9	-18.8	312.8	7.1	5.2	-4.8	266.5	269.0	0.9	48.0	0.5	136.
1.5	10.0	627.4	948.0	-10.7	-18.6	311.4	6.6	5.0	-4.4	266.6	269.0	0.9	52.3	0.7	136.
2.0	11.0	733.4	935.0	-11.6	-18.8	304.3	7.0	5.8	-3.9	266.7	269.2	0.9	55.2	0.8	134.
2.3	12.0	832.3	923.0	-12.3	-19.2	310.3	8.7	6.6	-5.6	267.0	269.4	0.9	56.3	1.0	132.
2.6	13.0	915.4	913.0	-13.0	-19.7	315.1	10.2	7.2	-7.2	267.1	269.5	0.9	57.1	1.2	132.
2.9	14.0	1007.9	902.0	-12.6	-24.3	320.4	11.2	7.1	-8.6	268.4	270.1	0.6	36.8	1.4	133.
3.1	15.0	1101.5	891.0	-13.0	-24.2	321.7	11.5	7.1	-9.0	268.9	270.6	0.6	38.3	1.5	134.
3.5	16.0	1222.0	877.0	-13.7	-24.6	320.4	11.2	7.1	-8.6	269.4	271.1	0.6	39.2	1.8	136.
3.8	17.0	1317.6	866.0	-14.3	-25.2	321.7	11.2	6.9	-8.8	269.8	271.4	0.6	38.9	2.0	136.
4.1	18.0	1406.0	856.0	-14.4	-26.1	323.9	11.6	6.8	-9.4	270.6	272.1	0.5	36.2	2.2	136.
4.5	19.0	1504.2	845.0	-13.3	-26.2	328.2	13.1	6.9	-11.1	272.7	274.2	0.5	32.5	2.4	138.
4.8	20.0	1594.9	835.0	-13.3	-25.2	327.7	13.7	7.3	-11.6	273.7	275.3	0.6	35.7	2.7	139.
5.3	21.0	1714.4	822.0	-13.3	-24.3	326.0	15.1	8.5	-12.6	274.9	276.8	0.6	39.0	3.1	140.
5.7	22.0	1807.7	812.0	-12.7	-26.4	324.0	15.8	9.3	-12.8	276.5	278.0	0.5	30.6	3.5	140.
6.0	23.0	1911.9	801.0	-11.9	99.9	322.3	15.8	9.6	-12.5	278.4	999.9	99.9	999.9	3.8	141.
6.3	24.0	2008.1	791.0	-11.6	99.9	320.7	15.4	9.8	-11.9	279.7	999.9	99.9	999.9	4.1	141.
6.7	25.0	2105.6	781.0	-11.5	99.9	318.9	16.1	10.6	-12.2	280.9	999.9	99.9	999.9	4.4	141.
7.1	26.0	2224.3	769.0	-11.5	99.9	317.6	17.3	11.7	-12.8	282.1	999.9	99.9	999.9	4.8	140.
7.3	27.0	2324.6	759.0	-11.6	-39.7	316.5	16.8	11.6	-12.2	283.0	283.5	0.2	7.6	5.1	140.
7.7	28.0	2426.1	749.0	-11.9	-41.4	314.6	16.4	11.6	-11.5	283.8	284.2	0.1	6.5	5.4	140.
8.1	29.0	2529.0	739.0	-12.0	-40.7	313.1	16.3	11.9	-11.2	284.7	285.2	0.1	7.1	5.8	139.
8.4	30.0	2622.7	730.0	-12.2	-39.4	312.1	16.4	12.2	-11.0	285.6	286.1	0.2	8.2	6.1	139.
8.7	31.0	2728.0	720.0	-12.6	-37.4	311.1	16.5	12.4	-10.8	286.2	286.9	0.2	10.4	6.4	139.
9.1	32.0	2824.0	711.0	-13.0	-40.6	309.5	16.5	12.7	-10.5	286.8	287.3	0.2	7.7	6.8	138.
9.5	33.0	2932.0	701.0	-12.9	-41.2	307.6	16.5	13.1	-10.1	288.1	288.6	0.1	7.2	7.2	138.
9.9	34.0	3030.4	692.0	-13.3	-43.0	305.3	16.9	13.8	-9.8	288.7	289.1	0.1	6.1	7.5	137.
10.2	35.0	3129.9	683.0	-14.0	-43.4	303.7	17.2	14.3	-9.5	289.0	289.4	0.1	6.2	7.9	137.
10.6	36.0	3253.1	672.0	-14.3	-42.8	301.6	17.5	14.9	-9.2	290.0	290.5	0.1	6.8	8.3	136.
10.9	37.0	3355.2	663.0	-15.0	-30.7	300.4	17.5	15.1	-8.8	290.4	291.8	0.4	24.5	8.6	135.
11.3	38.0	3458.4	654.0	-15.9	-30.1	299.2	17.6	15.4	-8.6	290.5	291.9	0.5	28.3	9.0	135.
11.7	39.0	3562.7	645.0	-16.8	-29.7	298.4	17.9	15.8	-8.5	290.7	292.2	0.5	31.3	9.4	134.
12.0	40.0	3668.1	636.0	-17.6	-25.4	297.9	18.2	16.1	-8.5	291.0	293.2	0.8	50.1	9.7	134.
12.4	41.0	3786.6	626.0	-18.3	-25.0	296.4	18.5	16.5	-8.2	291.5	293.9	0.8	55.1	10.2	133.
12.8	42.0	3894.7	617.0	-18.8	-25.5	294.7	18.8	17.1	-7.8	292.1	294.4	0.8	55.1	10.6	132.
13.1	43.0	4004.2	608.0	-19.1	-26.4	293.9	19.3	17.6	-7.8	293.0	295.2	0.7	52.3	10.9	132.
13.5	44.0	4115.0	599.0	-19.8	-27.5	294.1	20.3	18.5	-8.3	293.4	295.5	0.7	49.9	11.3	130.
13.8	45.0	4214.2	591.0	-20.3	-27.9	295.1	21.1	19.1	-8.9	293.9	295.9	0.6	50.4	11.7	130.
14.2	46.0	4315.6	583.0	-21.0	-28.5	296.2	21.6	19.4	-9.5	294.3	296.2	0.6	50.7	12.2	130.
14.5	47.0	4430.4	574.0	-21.5	-29.4	296.8	21.6	19.3	-9.8	295.0	296.8	0.6	48.8	12.6	129.
14.8	48.0	4533.9	566.0	-21.5	99.9	298.1	21.4	18.8	-10.1	296.1	999.9	99.9	999.9	13.0	129.
15.3	49.0	4638.6	558.0	-22.6	99.9	300.3	21.5	18.5	-10.8	296.1	999.9	99.9	999.9	13.6	128.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
2015 GMT

157 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.6	50.0	4744.4	550.0	-23.4	99.9	300.6	21.7	18.7	-11.1	296.3	999.9	99.9	999.9	13.9	128.
16.0	51.0	4878.4	540.0	-24.2	99.9	299.0	22.1	19.3	-10.7	296.9	999.9	99.9	999.9	14.5	128.
16.4	52.0	4987.1	532.0	-25.1	-32.5	296.6	21.8	19.4	-9.8	297.1	298.6	0.5	49.9	15.1	127.
16.9	53.0	5097.0	524.0	-26.1	-32.8	297.0	21.5	19.2	-9.7	297.3	298.7	0.5	53.0	15.6	127.
17.3	54.0	5194.2	517.0	-27.0	-33.2	299.6	21.6	18.8	-10.7	297.3	298.7	0.4	55.3	16.2	127.
17.6	55.0	5306.4	509.0	-27.9	-33.7	302.0	22.0	18.7	-11.6	297.5	298.8	0.4	57.4	16.6	127.
18.2	56.0	5434.4	500.0	-28.9	-34.2	305.9	23.6	19.1	-13.9	297.8	299.2	0.4	59.4	17.3	127.
18.7	57.0	5535.2	493.0	-29.3	-34.8	308.0	25.5	20.1	-15.7	298.6	299.8	0.4	58.4	18.1	127.
19.0	58.0	5652.0	485.0	-29.7	-35.4	308.9	26.4	20.5	-16.6	299.5	300.7	0.4	57.2	18.7	127.
19.4	59.0	5755.6	478.0	-29.8	-36.7	308.9	26.6	20.7	-16.7	300.5	301.6	0.3	50.7	19.2	127.
19.9	60.0	5875.8	470.0	-30.3	-38.1	308.1	27.0	21.3	-16.6	301.3	302.3	0.3	46.1	20.0	127.
20.3	61.0	5982.5	463.0	-30.7	-39.8	307.4	27.3	21.7	-16.6	302.1	303.0	0.3	40.3	20.6	127.
20.7	62.0	6090.4	456.0	-31.8	-41.7	307.5	26.9	21.3	-16.4	302.1	302.8	0.2	36.5	21.3	127.
21.2	63.0	6199.6	449.0	-32.5	-42.8	309.0	25.4	19.7	-16.0	302.6	303.2	0.2	34.7	22.2	127.
21.6	64.0	6310.2	442.0	-33.4	-44.7	311.3	24.6	18.5	-16.2	302.7	303.3	0.2	30.7	22.7	127.
22.1	65.0	6422.1	435.0	-34.4	-46.7	314.0	25.5	18.3	-17.7	302.9	303.4	0.1	27.0	23.4	127.
22.5	66.0	6551.7	427.0	-35.3	-48.9	315.4	26.7	18.7	-19.0	303.3	303.7	0.1	23.1	24.1	127.
23.0	67.0	6666.6	420.0	-36.3	-49.9	316.6	27.5	18.9	-20.0	303.5	303.8	0.1	22.8	24.9	128.
23.4	68.0	6782.9	413.0	-37.4	-49.3	317.7	28.4	19.1	-21.0	303.6	303.9	0.1	27.1	25.5	128.
23.8	69.0	6900.7	406.0	-38.3	-49.5	318.5	29.0	19.3	-21.7	303.8	304.2	0.1	29.4	26.2	128.
24.2	70.0	7002.9	400.0	-39.6	99.9	318.9	29.0	19.1	-21.9	303.5	999.9	99.9	999.9	26.9	128.
24.7	71.0	7140.8	392.0	-40.4	99.9	319.1	28.2	18.4	-21.3	304.2	999.9	99.9	999.9	27.8	129.
25.1	72.0	7263.4	385.0	-41.4	99.9	319.0	27.8	18.3	-21.0	304.5	999.9	99.9	999.9	28.4	129.
25.6	73.0	7369.7	379.0	-42.6	99.9	318.1	28.9	19.3	-21.5	304.3	999.9	99.9	999.9	29.1	129.
26.0	74.0	7477.3	373.0	-43.4	99.9	317.1	30.0	20.4	-22.0	304.6	999.9	99.9	999.9	29.9	129.
26.4	75.0	7586.2	367.0	-44.4	99.9	316.7	29.8	20.4	-21.7	304.7	999.9	99.9	999.9	30.7	130.
26.9	76.0	7696.4	361.0	-45.3	99.9	315.9	29.8	20.7	-21.4	304.9	999.9	99.9	999.9	31.5	130.
27.3	77.0	7826.8	354.0	-46.2	99.9	314.9	31.3	22.2	-22.1	305.4	999.9	99.9	999.9	32.2	130.
27.7	78.0	7921.1	349.0	-47.4	99.9	314.0	33.1	23.8	-23.0	305.1	999.9	99.9	999.9	33.0	130.
28.1	79.0	8035.6	343.0	-48.3	99.9	313.6	34.0	24.6	-23.4	305.4	999.9	99.9	999.9	33.8	130.
28.5	80.0	8151.6	337.0	-49.2	99.9	313.7	33.1	23.9	-22.8	305.6	999.9	99.9	999.9	34.8	130.
29.1	81.0	8308.8	329.0	-50.3	99.9	313.8	32.3	23.3	-22.4	306.3	999.9	99.9	999.9	35.8	130.
29.6	82.0	8408.5	324.0	-51.3	99.9	313.3	34.4	25.1	-23.6	306.3	999.9	99.9	999.9	36.6	130.
30.0	83.0	8529.8	318.0	-51.9	99.9	312.8	35.9	26.3	-24.4	307.1	999.9	99.9	999.9	37.6	131.
30.4	84.0	8653.1	312.0	-52.5	99.9	313.1	33.4	24.4	-22.9	307.8	999.9	99.9	999.9	38.7	131.
30.7	85.0	8757.2	307.0	-53.7	99.9	313.6	31.2	22.5	-21.5	307.7	999.9	99.9	999.9	39.2	131.
31.3	86.0	8905.1	300.0	-55.0	99.9	314.4	28.7	20.5	-20.0	307.8	999.9	99.9	999.9	40.0	131.
31.6	87.0	9012.6	295.0	-54.3	99.9	314.0	29.3	21.0	-20.3	310.3	999.9	99.9	999.9	40.5	131.
32.0	88.0	9144.7	289.0	-53.2	99.9	312.9	31.7	23.2	-21.6	313.7	999.9	99.9	999.9	41.4	131.
32.6	89.0	9257.0	284.0	-53.7	99.9	311.4	36.1	27.1	-23.9	314.6	999.9	99.9	999.9	42.4	131.
33.1	90.0	9371.5	279.0	-52.4	99.9	310.9	37.8	28.6	-24.7	318.1	999.9	99.9	999.9	43.7	131.
33.6	91.0	9488.6	274.0	-51.7	99.9	310.8	34.9	26.4	-22.8	320.7	999.9	99.9	999.9	45.0	131.
34.0	92.0	9608.1	269.0	-51.7	99.9	310.6	29.9	22.7	-19.5	322.3	999.9	99.9	999.9	45.8	131.
34.5	93.0	9729.7	264.0	-51.9	99.9	309.4	24.6	19.0	-15.6	323.8	999.9	99.9	999.9	46.4	131.
34.9	94.0	9853.5	259.0	-52.4	99.9	306.8	23.7	19.0	-14.2	324.9	999.9	99.9	999.9	47.0	131.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
2015 GMT

157 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.4	95.0	9979.3	254.0	-53.2	99.9	302.9	25.8	21.7	-14.0	325.5	999.9	99.9	999.9	47.6	131.
35.9	96.0	10133.5	248.0	-52.9	99.9	299.4	29.3	25.6	-14.4	328.3	999.9	99.9	999.9	48.4	131.
36.3	97.0	10264.9	243.0	-52.7	99.9	296.6	30.7	27.5	-13.8	330.4	999.9	99.9	999.9	49.3	130.
36.6	98.0	10372.1	239.0	-52.5	99.9	294.7	31.1	28.3	-13.0	332.2	999.9	99.9	999.9	49.9	130.
37.1	99.0	10509.1	234.0	-51.4	99.9	292.7	31.3	28.9	-12.1	335.9	999.9	99.9	999.9	50.6	130.
37.5	100.0	10649.3	229.0	-51.7	99.9	293.2	32.9	30.2	-13.0	337.5	999.9	99.9	999.9	51.3	130.
38.1	101.0	10792.3	224.0	-52.2	99.9	295.7	37.2	33.5	-16.1	338.9	999.9	99.9	999.9	52.6	129.
38.6	102.0	10938.4	219.0	-52.2	99.9	296.6	39.3	35.1	-17.6	341.1	999.9	99.9	999.9	53.7	129.
39.0	103.0	11058.2	215.0	-50.5	99.9	296.1	38.9	34.9	-17.1	345.6	999.9	99.9	999.9	54.7	129.
39.5	104.0	11212.1	210.0	-49.1	99.9	292.9	34.6	31.9	-13.5	350.2	999.9	99.9	999.9	56.0	128.
39.9	105.0	11338.2	206.0	-49.7	99.9	288.7	30.2	28.6	-9.7	351.1	999.9	99.9	999.9	56.6	128.
40.3	106.0	11466.2	202.0	-50.8	99.9	285.2	27.5	26.6	-7.2	351.4	999.9	99.9	999.9	57.2	128.
40.9	107.0	11596.3	198.0	-51.6	99.9	284.6	27.8	26.9	-7.0	352.1	999.9	99.9	999.9	57.9	128.
41.4	108.0	11762.5	193.0	-51.1	99.9	287.6	30.6	29.2	-9.3	355.5	999.9	99.9	999.9	58.7	127.
41.9	109.0	11898.7	189.0	-51.1	99.9	289.5	33.0	31.1	-11.0	357.6	999.9	99.9	999.9	59.8	127.
42.4	110.0	12037.7	185.0	-51.6	99.9	292.0	35.2	32.6	-13.2	359.0	999.9	99.9	999.9	60.6	127.
43.0	111.0	12179.6	181.0	-51.4	99.9	296.9	39.1	34.9	-17.7	361.5	999.9	99.9	999.9	61.9	126.
43.5	112.0	12325.0	177.0	-50.5	99.9	299.8	39.9	34.6	-9.8	365.4	999.9	99.9	999.9	63.2	126.
44.0	113.0	12474.2	173.0	-50.2	99.9	299.7	35.7	31.0	-17.7	368.3	999.9	99.9	999.9	64.6	126.
44.5	114.0	12627.2	169.0	-49.7	99.9	296.2	30.6	27.5	-13.5	371.6	999.9	99.9	999.9	65.4	126.
45.0	115.0	12783.9	165.0	-49.8	99.9	290.3	28.8	27.0	-10.0	373.9	999.9	99.9	999.9	66.2	126.
45.5	116.0	12944.1	161.0	-50.9	99.9	285.6	30.0	28.9	-8.1	374.7	999.9	99.9	999.9	67.0	126.
46.0	117.0	13107.3	157.0	-52.2	99.9	284.6	32.4	31.3	-8.1	375.2	999.9	99.9	999.9	67.8	125.
46.5	118.0	13274.3	153.0	-52.4	99.9	285.9	34.2	32.9	-9.4	377.7	999.9	99.9	999.9	68.7	125.
47.0	119.0	13402.3	150.0	-52.7	99.9	287.2	33.4	31.9	-9.9	379.3	999.9	99.9	999.9	70.0	125.
47.6	120.0	13576.7	146.0	-52.9	99.9	288.7	31.6	30.0	-10.2	382.0	999.9	99.9	999.9	70.9	125.
48.1	121.0	13711.0	143.0	-51.9	99.9	290.2	31.5	29.5	-10.9	385.9	999.9	99.9	999.9	71.7	124.
48.7	122.0	13848.4	140.0	-51.9	99.9	289.5	29.5	27.8	-9.8	388.3	999.9	99.9	999.9	73.0	124.
49.3	123.0	14036.1	136.0	-52.4	99.9	284.3	26.0	25.2	-6.4	390.6	999.9	99.9	999.9	73.9	124.
49.9	124.0	14180.1	133.0	-53.2	99.9	280.3	24.2	23.8	-4.3	391.7	999.9	99.9	999.9	74.7	124.
50.5	125.0	14326.9	130.0	-53.5	99.9	283.6	23.8	23.1	-5.6	393.7	999.9	99.9	999.9	75.5	123.
51.3	126.0	14528.1	126.0	-53.3	99.9	291.0	26.5	24.8	-9.5	397.5	999.9	99.9	999.9	76.6	123.
51.9	127.0	14736.0	122.0	-53.0	99.9	292.7	30.4	28.1	-11.7	401.8	999.9	99.9	999.9	77.6	123.
52.4	128.0	14896.4	119.0	-53.3	99.9	292.2	31.7	29.4	-12.0	404.1	999.9	99.9	999.9	78.4	123.
52.9	129.0	15060.5	116.0	-54.0	99.9	288.7	28.2	26.7	-9.0	405.8	999.9	99.9	999.9	79.9	123.
53.5	130.0	15228.6	113.0	-54.3	99.9	281.6	23.7	23.2	-4.8	408.2	999.9	99.9	999.9	80.1	123.
54.1	131.0	15401.2	110.0	-54.0	99.9	281.1	25.7	25.2	-4.9	412.0	999.9	99.9	999.9	81.1	122.
54.7	132.0	15638.8	106.0	-54.3	99.9	281.9	26.4	25.8	-5.5	415.8	999.9	99.9	999.9	82.1	122.
55.3	133.0	15760.7	104.0	-54.8	99.9	283.3	24.8	24.1	-5.7	417.1	999.9	99.9	999.9	82.9	122.
56.0	134.0	15947.5	101.0	-55.7	99.9	286.7	25.2	24.2	-7.2	419.0	999.9	99.9	999.9	83.8	122.
56.6	135.0	16139.5	98.0	-56.0	99.9	286.4	26.4	25.3	-7.4	421.9	999.9	99.9	999.9	84.8	122.
57.5	136.0	16405.2	94.0	-54.8	99.9	285.0	26.3	25.4	-6.8	429.3	999.9	99.9	999.9	86.2	121.
58.3	137.0	16612.8	91.0	-54.5	99.9	287.4	28.8	27.5	-8.6	434.0	999.9	99.9	999.9	87.4	121.
59.0	138.0	16900.0	87.0	-55.5	99.9	287.2	30.1	28.8	-8.9	437.6	999.9	99.9	999.9	88.8	121.
59.7	139.0	17123.3	84.0	-56.4	99.9	284.9	28.3	27.4	-7.3	440.3	999.9	99.9	999.9	89.9	121.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
2015 GMT

157 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.5	140.0	17354.4	81.0	-56.0	99.9	285.6	27.8	26.7	-7.4	445.6	999.9	99.9	999.9	91.1	120.
61.2	141.0	17593.8	78.0	-57.2	99.9	286.0	25.5	24.5	-7.0	447.9	999.9	99.9	999.9	92.3	120.
62.0	142.0	17841.0	75.0	-58.7	99.9	279.5	18.4	18.1	-3.0	450.0	999.9	99.9	999.9	93.6	120.
62.9	143.0	18097.4	72.0	-58.8	99.9	288.4	24.7	23.5	-7.8	454.9	999.9	99.9	999.9	94.1	120.
63.7	144.0	18455.8	68.0	-59.4	99.9	295.0	29.3	26.5	-12.4	461.2	999.9	99.9	999.9	95.7	120.
64.7	145.0	18739.0	65.0	-58.3	99.9	296.3	26.3	23.6	-11.7	469.5	999.9	99.9	999.9	97.3	120.
65.6	146.0	19038.4	62.0	-55.3	99.9	289.8	21.8	20.5	-7.4	482.5	999.9	99.9	999.9	98.7	120.
66.6	147.0	19354.7	59.0	-55.5	99.9	272.3	18.8	18.8	-0.7	489.0	999.9	99.9	999.9	99.5	119.
67.6	148.0	19686.8	56.0	-56.4	99.9	270.8	17.4	17.4	-0.3	494.4	999.9	99.9	999.9	100.6	119.
68.8	149.0	20035.1	53.0	-57.9	99.9	277.8	14.9	14.8	-2.0	498.6	999.9	99.9	999.9	102.0	119.
69.8	150.0	20401.4	50.0	-59.2	99.9	285.1	14.3	13.8	-3.7	504.0	999.9	99.9	999.9	102.3	119.
70.8	151.0	20787.5	47.0	-61.0	99.9	293.9	26.0	23.8	-10.5	508.6	999.9	99.9	999.9	103.7	119.
72.0	152.0	21196.0	44.0	-62.4	99.9	283.4	19.3	18.8	-4.5	515.0	999.9	99.9	999.9	105.7	119.
73.2	153.0	21631.6	41.0	-62.8	99.9	276.1	20.1	20.0	-2.1	524.5	999.9	99.9	999.9	106.9	118.
74.5	154.0	22100.7	38.0	-62.0	99.9	272.5	20.1	20.1	-0.9	538.0	999.9	99.9	999.9	108.2	118.
76.0	155.0	22612.1	35.0	-59.7	99.9	170.8	10.4	-1.7	10.2	556.7	999.9	99.9	999.9	109.7	117.
77.5	156.0	23170.8	32.0	-60.9	99.9	288.1	29.2	27.8	-9.1	568.2	999.9	99.9	999.9	110.4	117.
79.2	157.0	23782.7	29.0	-61.0	99.9	278.1	25.4	25.2	-3.6	583.9	999.9	99.9	999.9	112.3	117.
81.1	158.0	24461.1	26.0	-61.0	99.9	290.8	24.5	22.9	-8.7	602.4	999.9	99.9	999.9	115.4	117.
82.8	159.0	25221.1	23.0	-62.0	99.9	281.3	28.8	28.3	-5.7	621.1	999.9	99.9	999.9	117.8	116.
85.2	160.0	26087.5	20.0	-61.0	99.9	283.5	30.4	29.5	-7.1	649.4	999.9	99.9	999.9	121.8	116.
87.6	161.0	27109.2	17.0	-56.0	99.9	999.9	99.9	99.9	99.9	696.4	999.9	99.9	999.9	999.9	999.

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
2315 GMT

144 51. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	268.0	991.9	-6.7	-13.8	290.0	5.7	5.4	-1.9	267.2	270.7	1.3	57.0	0.0	0.
0.1	7.0	322.5	985.0	-7.1	-15.9	48.0	1.1	-0.8	-0.8	267.4	270.4	1.1	49.2	0.4	105.
0.4	8.0	417.9	973.0	-8.1	-16.8	48.0	1.1	-0.8	-0.8	267.3	270.1	1.1	49.5	0.4	105.
0.7	9.0	506.0	962.0	-9.1	-17.5	335.8	1.5	0.6	-1.4	267.1	269.8	1.0	50.4	0.4	106.
1.0	10.0	603.0	950.0	-10.0	-18.0	309.3	3.6	2.8	-2.3	267.2	269.8	1.0	51.7	0.4	109.
1.4	11.0	717.3	936.0	-11.0	-18.4	298.3	6.0	5.3	-2.8	267.3	269.8	1.0	54.1	0.6	113.
1.6	12.0	807.9	925.0	-12.1	-19.1	295.0	6.4	5.8	-2.7	267.0	269.4	0.9	56.0	0.6	113.
2.0	13.0	907.6	913.0	-13.0	-19.2	286.8	5.9	5.6	-1.7	267.1	269.6	0.9	59.3	0.8	113.
2.3	14.0	999.9	902.0	-13.7	-18.9	285.2	6.6	6.4	-1.7	267.3	269.9	0.9	64.6	0.9	112.
2.6	15.0	1093.0	891.0	-14.8	-20.2	288.4	7.5	7.1	-2.4	267.1	269.4	0.9	63.5	1.0	111.
3.0	16.0	1212.7	877.0	-15.8	-21.4	301.6	9.1	7.7	-4.8	267.3	269.4	0.8	61.9	1.2	110.
3.3	17.0	1299.3	867.0	-15.1	-25.4	311.7	11.1	8.3	-7.4	268.9	270.4	0.6	40.8	1.4	113.
3.7	18.0	1404.7	855.0	-15.0	-25.9	318.5	13.7	9.1	-0.3	270.1	271.6	0.5	38.4	1.7	117.
4.0	19.0	1493.7	845.0	-15.1	-26.3	320.7	15.5	9.8	-2.0	270.9	272.3	0.5	37.7	1.9	120.
4.3	20.0	1593.1	834.0	-13.7	-26.8	321.0	15.3	9.7	-11.9	273.3	274.8	0.5	31.6	2.2	123.
4.8	21.0	1712.6	821.0	-13.3	-36.9	318.7	14.2	9.4	-10.7	275.0	275.6	0.2	11.6	2.6	126.
5.3	22.0	1815.3	810.0	-13.0	-36.7	316.2	15.0	10.4	-10.8	276.3	276.9	0.2	11.6	3.0	127.
5.7	23.0	1910.0	800.0	-13.1	-36.3	316.8	16.5	11.3	-12.1	277.2	277.8	0.2	12.1	3.4	128.
5.9	24.0	2015.5	789.0	-12.6	-36.4	317.8	17.1	11.5	-12.7	278.9	279.5	0.2	11.6	3.6	129.
6.3	25.0	2113.0	779.0	-12.1	-24.9	318.3	17.2	11.5	-12.9	280.4	282.3	0.6	33.4	4.0	130.
6.7	26.0	2231.6	767.0	-12.7	-21.5	316.8	17.8	12.2	-13.0	281.1	283.6	0.9	47.5	4.4	131.
7.0	27.0	2331.6	757.0	-13.6	-22.6	314.6	18.8	13.4	-13.2	281.2	283.5	0.8	46.1	4.8	131.
7.4	28.0	2432.8	747.0	-13.7	-20.8	313.3	20.4	14.9	-14.0	282.1	284.9	1.0	55.0	5.2	131.
7.7	29.0	2535.2	737.0	-13.7	-20.4	312.9	21.8	15.9	-14.8	283.2	286.1	1.0	56.5	5.6	131.
8.0	30.0	2639.0	727.0	-14.4	-22.2	312.8	23.2	17.0	-15.8	283.6	286.1	0.9	51.1	6.0	131.
8.4	31.0	2744.1	717.0	-14.1	-26.1	313.2	25.0	18.2	-17.1	285.0	286.8	0.6	35.4	6.6	131.
8.8	32.0	2850.7	707.0	-13.8	-23.3	313.5	26.3	19.1	-18.1	286.4	288.9	0.8	44.5	7.2	132.
9.2	33.0	2947.9	698.0	-14.7	-21.5	313.6	26.8	19.4	-18.4	286.6	289.4	1.0	55.6	7.9	132.
9.5	34.0	3057.1	688.0	-15.5	-22.2	313.4	26.6	19.3	-18.3	286.8	289.6	0.9	56.5	8.4	132.
9.8	35.0	3167.5	678.0	-16.1	-23.4	312.7	25.3	18.6	-17.2	287.4	289.9	0.9	53.0	8.9	132.
10.4	36.0	3290.6	667.0	-16.5	-32.2	310.6	22.6	17.2	-14.7	288.2	289.4	0.4	24.0	9.7	132.
10.8	37.0	3392.8	658.0	-16.3	-45.0	309.6	21.4	16.5	-13.6	289.5	289.8	0.1	6.3	10.2	132.
11.2	38.0	3496.5	649.0	-16.2	-43.4	309.4	20.9	16.1	-13.2	290.8	291.2	0.1	7.5	10.7	132.
11.7	39.0	3601.4	640.0	-17.0	-37.0	310.4	21.1	16.1	-13.7	291.0	291.8	0.2	15.6	11.3	132.
12.1	40.0	3707.5	631.0	-17.7	-37.6	311.8	21.4	16.0	-14.3	291.4	292.2	0.2	15.6	11.8	131.
12.6	41.0	3838.9	620.0	-18.5	-38.2	313.1	21.4	15.6	-14.6	291.9	292.7	0.2	15.7	12.5	132.
13.0	42.0	3947.9	611.0	-19.2	-31.4	313.4	21.0	15.3	-14.4	292.4	293.8	0.4	32.8	13.0	132.
13.5	43.0	4058.1	602.0	-19.9	-30.7	312.6	20.6	15.2	-14.0	292.9	294.4	0.5	37.3	13.6	132.
13.8	44.0	4169.8	593.0	-20.5	-31.7	312.6	20.1	14.8	-13.6	293.4	294.8	0.4	35.8	14.0	132.
14.2	45.0	4270.1	585.0	-21.6	-32.2	313.5	19.5	14.1	-13.4	293.2	294.6	0.4	37.5	14.5	132.
14.5	46.0	4384.1	576.0	-22.5	-32.6	315.0	19.0	13.4	-13.4	293.5	294.8	0.4	39.0	14.9	132.
14.8	47.0	4486.6	568.0	-23.6	-32.8	316.8	19.5	13.4	-14.2	293.4	294.7	0.4	42.0	15.1	132.
15.2	48.0	4590.4	560.0	-23.3	-38.2	318.0	21.0	14.1	-15.6	294.9	295.7	0.2	24.0	15.6	132.
15.6	49.0	4708.9	551.0	-23.6	-38.9	318.0	23.3	15.6	-17.3	295.9	296.7	0.2	22.8	16.1	132.
15.9	50.0	4815.6	543.0	-24.4	-40.3	317.7	25.0	16.8	-18.5	296.2	296.9	0.2	21.2	16.6	132.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
2315 GMT

144 51. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.4	51.0	4950.9	533.0	-25.2	-41.7	318.2	26.8	17.9	-20.0	296.8	297.4	0.2	19.5	17.3	133.
16.8	52.0	5074.4	524.0	-25.7	-46.8	318.8	27.2	17.9	-20.5	297.6	298.0	0.1	11.8	18.0	133.
17.2	53.0	5185.9	516.0	-26.0	-47.4	318.8	27.1	17.8	-20.4	298.6	299.0	0.1	11.3	18.7	133.
17.6	54.0	5284.6	509.0	-26.8	-48.4	318.1	26.9	18.0	-20.0	298.8	299.2	0.1	10.8	19.3	133.
18.1	55.0	5398.7	501.0	-27.7	99.9	316.5	27.2	18.7	-19.7	299.1	999.9	99.9	999.9	20.1	134.
18.5	56.0	5543.5	491.0	-28.5	99.9	315.2	27.5	19.4	-19.5	299.9	999.9	99.9	999.9	20.8	134.
19.0	57.0	5646.2	484.0	-29.3	99.9	314.1	27.2	19.5	-18.9	300.2	999.9	99.9	999.9	21.6	134.
19.4	58.0	5765.0	476.0	-30.4	99.9	313.8	26.8	19.4	-18.6	300.1	999.9	99.9	999.9	22.3	134.
19.8	59.0	5870.2	469.0	-31.2	99.9	313.6	26.8	19.4	-18.5	300.4	999.9	99.9	999.9	22.9	134.
20.3	60.0	5991.8	461.0	-32.3	99.9	313.3	27.2	19.8	-18.7	300.6	999.9	99.9	999.9	23.7	134.
20.7	61.0	6099.5	454.0	-33.4	99.9	313.2	27.7	20.2	-19.0	300.5	999.9	99.9	999.9	24.4	134.
21.2	62.0	6208.4	447.0	-34.2	99.9	313.4	29.0	21.1	-19.9	300.8	999.9	99.9	999.9	25.2	134.
21.6	63.0	6318.7	440.0	-35.2	99.9	313.9	30.7	22.1	-21.3	301.0	999.9	99.9	999.9	25.8	134.
22.1	64.0	6446.3	432.0	-36.3	99.9	314.6	32.4	23.1	-22.7	301.1	999.9	99.9	999.9	26.8	134.
22.5	65.0	6559.3	425.0	-37.3	99.9	314.9	32.4	23.0	-22.9	301.3	999.9	99.9	999.9	27.8	134.
23.1	66.0	6690.3	417.0	-38.3	99.9	314.3	33.2	23.7	-23.2	301.6	999.9	99.9	999.9	28.7	134.
23.4	67.0	6806.5	410.0	-39.3	99.9	313.7	34.7	25.0	-24.0	301.8	999.9	99.9	999.9	29.3	134.
23.9	68.0	6924.2	403.0	-40.4	99.9	312.5	35.4	26.1	-23.9	301.9	999.9	99.9	999.9	30.5	134.
24.3	69.0	7043.4	396.0	-41.6	99.9	311.4	33.1	24.8	-21.9	301.8	999.9	99.9	999.9	31.5	134.
24.7	70.0	7146.7	390.0	-42.8	99.9	310.5	30.4	23.1	-19.7	301.5	999.9	99.9	999.9	32.2	134.
25.3	71.0	7286.2	382.0	-43.8	99.9	310.6	29.1	22.1	-18.9	302.1	999.9	99.9	999.9	33.1	133.
25.7	72.0	7410.2	375.0	-44.6	99.9	311.8	30.4	22.6	-18.2	302.5	999.9	99.9	999.9	33.8	133.
26.1	73.0	7517.9	369.0	-45.7	99.9	313.2	32.1	23.4	-22.0	302.5	999.9	99.9	999.9	34.6	133.
26.5	74.0	7627.0	363.0	-46.4	99.9	314.5	33.6	23.9	-23.5	302.9	999.9	99.9	999.9	35.3	133.
26.9	75.0	7756.0	356.0	-47.3	99.9	315.5	33.7	23.6	-24.0	303.5	999.9	99.9	999.9	36.2	133.
27.4	76.0	7868.1	350.0	-48.6	99.9	316.6	31.9	21.9	-23.2	303.2	999.9	99.9	999.9	37.3	133.
27.8	77.0	7981.6	344.0	-49.5	99.9	317.3	30.4	20.6	-22.3	303.5	999.9	99.9	999.9	38.0	134.
28.2	78.0	8096.7	338.0	-50.4	99.9	317.4	30.8	20.8	-22.7	303.8	999.9	99.9	999.9	38.6	134.
28.5	79.0	8213.3	332.0	-51.6	99.9	317.1	32.4	22.1	-23.7	303.8	999.9	99.9	999.9	39.1	134.
29.0	80.0	8331.3	326.0	-52.6	99.9	316.0	38.6	26.8	-27.8	303.9	999.9	99.9	999.9	40.0	134.
29.5	81.0	8471.2	319.0	-53.9	99.9	315.3	42.3	29.7	-30.1	304.1	999.9	99.9	999.9	41.5	134.
29.9	82.0	8592.9	313.0	-54.6	99.9	314.5	40.2	28.6	-28.1	304.6	999.9	99.9	999.9	42.6	134.
30.4	83.0	8716.5	307.0	-55.6	99.9	312.3	35.7	26.4	-24.0	305.0	999.9	99.9	999.9	43.8	134.
30.8	84.0	8820.9	302.0	-56.6	99.9	310.6	34.6	26.3	-22.5	305.0	999.9	99.9	999.9	44.4	134.
31.2	85.0	8947.9	296.0	-57.6	99.9	310.1	36.4	27.9	-23.5	305.4	999.9	99.9	999.9	45.2	134.
31.7	86.0	9077.2	290.0	-57.6	99.9	311.1	41.2	31.0	-27.1	307.2	999.9	99.9	999.9	46.3	134.
32.1	87.0	9209.8	284.0	-55.9	99.9	311.9	43.5	32.4	-29.1	311.4	999.9	99.9	999.9	47.4	134.
32.5	88.0	9323.0	279.0	-55.0	99.9	312.0	42.5	31.6	-28.5	314.3	999.9	99.9	999.9	48.7	134.
32.9	89.0	9438.6	274.0	-55.0	99.9	311.4	38.6	29.0	-25.5	316.0	999.9	99.9	999.9	49.7	134.
33.4	90.0	9556.4	269.0	-54.8	99.9	309.6	35.0	27.0	-22.3	317.9	999.9	99.9	999.9	50.5	134.
33.8	91.0	9700.9	263.0	-54.0	99.9	306.8	33.1	26.5	-19.8	321.1	999.9	99.9	999.9	51.5	133.
34.2	92.0	9824.2	258.0	-53.7	99.9	303.6	31.6*	26.3	-17.4	323.3	999.9	99.9	999.9	52.3	133.
34.7	93.0	9949.8	253.0	-54.3	99.9	300.6	31.4*	27.0	-16.0	324.2	999.9	99.9	999.9	53.0	133.
35.2	94.0	10078.0	248.0	-53.2	99.9	300.6	34.6*	29.7	-17.6	327.7	999.9	99.9	999.9	53.9	133.
35.7	95.0	10182.9	244.0	-52.8	99.9	301.2	39.3*	33.6	-20.4	329.9	999.9	99.9	999.9	55.0	133.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
2315 GMT

144 51. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.3	96.0	10344.0	238.0	-51.7	99.9	301.0	43.1*	36.9	-22.2	333.9	999.9	99.9	999.9	56.6	132.
36.8	97.0	10481.7	233.0	-51.7	99.9	301.3	43.2*	36.9	-22.4	335.9	999.9	99.9	999.9	57.9	132.
37.3	98.0	10622.6	228.0	-51.1	99.9	302.5	41.2*	34.8	-22.2	338.9	999.9	99.9	999.9	59.2	132.
37.7	99.0	10737.8	224.0	-50.5	99.9	303.2	39.4*	33.0	-21.6	341.5	999.9	99.9	999.9	60.1	132.
38.2	100.0	10885.2	219.0	-50.2	99.9	301.5	36.7*	31.3	-19.2	344.2	999.9	99.9	999.9	61.2	132.
38.7	101.0	11036.0	214.0	-50.2	99.9	295.3	32.0*	29.0	-13.7	346.5	999.9	99.9	999.9	62.5	131.
39.1	102.0	11190.5	209.0	-49.9	99.9	287.4	28.5*	27.2	-8.5	349.3	999.9	99.9	999.9	63.1	131.
39.5	103.0	11316.7	205.0	-50.4	99.9	280.6	27.7*	27.2	-5.1	350.5	999.9	99.9	999.9	63.3	131.
40.0	104.0	11445.1	201.0	-51.0	99.9	281.4	31.4*	30.8	-6.2	351.6	999.9	99.9	999.9	64.0	130.
40.3	105.0	11609.0	196.0	-51.1	99.9	284.1	33.3*	32.3	-8.1	353.9	999.9	99.9	999.9	64.8	130.
40.8	106.0	11742.8	192.0	-52.0	99.9	288.5	34.8*	33.0	-11.1	354.5	999.9	99.9	999.9	65.7	130.
41.4	107.0	11879.0	188.0	-52.6	99.9	292.5	33.6*	31.0	-12.9	355.7	999.9	99.9	999.9	67.0	129.
41.9	108.0	12017.8	184.0	-53.1	99.9	292.3	30.7*	28.4	-11.6	357.1	999.9	99.9	999.9	67.9	129.
42.4	109.0	12159.9	180.0	-51.7	99.9	288.4	28.1*	26.7	-8.9	361.6	999.9	99.9	999.9	68.7	129.
42.9	110.0	12305.5	176.0	-52.2	99.9	283.5	27.4*	26.6	-5.4	363.2	999.9	99.9	999.9	69.5	129.
43.6	111.0	12454.1	172.0	-52.8	99.9	282.2	30.2*	29.5	-6.4	364.6	999.9	99.9	999.9	70.4	128.
44.1	112.0	12605.8	168.0	-53.4	99.9	286.3	34.1*	32.7	-9.6	366.0	999.9	99.9	999.9	71.2	128.
44.5	113.0	12761.0	164.0	-53.1	99.9	290.2	36.9*	34.7	-12.8	369.1	999.9	99.9	999.9	72.1	128.
45.1	114.0	12880.0	161.0	-53.2	99.9	293.5	37.2*	34.1	-14.8	370.8	999.9	99.9	999.9	73.6	127.
45.5	115.0	13042.0	157.0	-53.2	99.9	294.8	36.7*	33.3	-15.4	373.4	999.9	99.9	999.9	74.4	127.
46.2	116.0	13250.1	152.0	-54.2	99.9	296.8	36.2*	32.3	-16.3	375.3	999.9	99.9	999.9	75.8	127.
46.7	117.0	13377.8	149.0	-54.5	99.9	296.0	33.9*	30.4	-14.9	376.9	999.9	99.9	999.9	77.0	127.
47.2	118.0	13508.1	146.0	-54.5	99.9	293.0	31.0*	28.6	-12.1	379.1	999.9	99.9	999.9	77.8	127.
47.7	119.0	13685.6	142.0	-55.4	99.9	290.9	30.1*	28.2	-10.7	380.5	999.9	99.9	999.9	78.7	127.
48.2	120.0	13821.4	139.0	-56.6	99.9	292.6	32.4*	29.9	-12.5	380.8	999.9	99.9	999.9	79.5	126.
48.7	121.0	13959.8	136.0	-56.9	99.9	296.7	38.2*	34.1	-7.1	382.6	999.9	99.9	999.9	80.4	126.
49.2	122.0	14149.2	132.0	-56.1	99.9	299.6	43.0*	37.4	-21.2	387.4	999.9	99.9	999.9	81.7	126.
49.7	123.0	14295.6	129.0	-55.3	99.9	300.6	40.4*	34.8	-20.6	391.4	999.9	99.9	999.9	83.4	126.
50.2	124.0	14445.5	126.0	-55.1	99.9	300.1	32.6*	28.2	-16.4	394.3	999.9	99.9	999.9	84.4	126.
50.8	125.0	14599.9	123.0	-54.8	99.9	297.1	25.9*	23.0	-11.8	397.6	999.9	99.9	999.9	85.3	126.
51.5	126.0	14811.2	119.0	-55.1	99.9	291.9	24.3*	22.6	-9.1	400.8	999.9	99.9	999.9	86.0	126.
52.0	127.0	14974.3	116.0	-55.0	99.9	289.9	27.5*	25.9	-9.4	404.0	999.9	99.9	999.9	86.5	126.
52.5	128.0	15141.8	113.0	-54.8	99.9	289.3	30.4*	28.7	-10.0	407.4	999.9	99.9	999.9	87.8	126.
53.1	129.0	15313.9	110.0	-54.8	99.9	286.7	27.7*	26.5	-7.9	410.5	999.9	99.9	999.9	88.9	125.
53.5	130.0	15490.7	107.0	-55.0	99.9	281.9	24.2*	23.7	-5.0	413.5	999.9	99.9	999.9	89.8	125.
54.1	131.0	15671.8	104.0	-56.4	99.9	275.3	23.8*	23.7	-2.2	414.1	999.9	99.9	999.9	90.0	125.
54.7	132.0	15857.4	101.0	-57.1	99.9	273.8	25.2*	25.1	-1.7	416.3	999.9	99.9	999.9	91.0	125.
55.2	133.0	16047.9	98.0	-57.7	99.9	274.1	24.7*	24.7	-1.8	418.6	999.9	99.9	999.9	91.7	124.
55.7	134.0	16243.6	95.0	-58.9	99.9	278.5	25.4*	25.1	-3.7	420.1	999.9	99.9	999.9	92.1	124.
56.3	135.0	16377.2	93.0	-58.7	99.9	285.0	29.2*	28.2	-7.5	423.0	999.9	99.9	999.9	93.1	124.
57.0	136.0	16653.2	89.0	-58.9	99.9	286.2	30.9*	29.7	-8.6	428.0	999.9	99.9	999.9	94.5	124.
57.7	137.0	16868.2	86.0	-59.2	99.9	281.5	24.5*	24.0	-4.9	431.5	999.9	99.9	999.9	95.7	123.
58.4	138.0	17090.7	83.0	-59.2	99.9	277.9	21.8*	21.6	-3.0	435.9	999.9	99.9	999.9	96.1	123.
59.1	139.0	17320.8	80.0	-60.3	99.9	286.4	26.7*	25.6	-7.5	438.4	999.9	99.9	999.9	97.2	123.
59.8	140.0	17558.8	77.0	-60.8	99.9	294.3	28.7*	26.2	-11.8	442.1	999.9	99.9	999.9	98.5	123.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

6 FEBRUARY 1975  
2315 GMT

144 51. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.6	141.0	17806.1	74.0	-60.6	99.9	295.5	26.7*	24.1	-11.5	447.5	999.9	99.9	999.9	99.8	123.
61.6	142.0	18064.0	71.0	-60.3	99.9	289.4	22.8*	21.5	-7.6	453.6	999.9	99.9	999.9	101.3	123.
62.3	143.0	18333.2	68.0	-60.3	99.9	293.5	19.0*	17.4	-7.6	459.3	999.9	99.9	999.9	102.0	123.
63.2	144.0	18615.0	65.0	-59.6	99.9	293.4	21.2*	19.5	-8.4	466.7	999.9	99.9	999.9	103.2	122.
64.1	145.0	18810.9	63.0	-58.7	99.9	293.3	18.3*	16.8	-7.2	472.8	999.9	99.9	999.9	104.3	122.
65.1	146.0	19117.4	60.0	-58.6	99.9	291.7	21.8*	20.3	-8.1	479.8	999.9	99.9	999.9	104.9	122.
65.9	147.0	19439.3	57.0	-59.2	99.9	277.6	20.8	20.6	-2.7	485.4	999.9	99.9	999.9	106.6	122.
66.9	148.0	19778.4	54.0	-58.9	99.9	999.9	99.9	99.9	99.9	493.7	999.9	99.9	999.9	999.9	999.
67.8	149.0	20135.7	51.0	-60.6	99.9	999.9	99.9	99.9	99.9	497.8	999.9	99.9	999.9	999.9	999.

STATION NO. 456  
TOPEKA, KAN

7 FEBRUARY 1975  
600 GMT

157 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	268.0	990.6	-11.7	-13.8	220.0	2.1	1.3	1.6	262.3	265.7	1.3	84.0	0.0	0.
0.1	7.0	295.9	987.0	-11.6	-15.0	257.0	7.6	7.4	1.7	262.7	265.8	1.2	75.3	0.2	42.
0.4	8.0	381.9	976.0	-11.3	-15.2	257.0	7.6	7.4	1.7	263.9	267.0	1.2	72.7	0.2	42.
0.7	9.0	469.5	965.0	-7.9	-14.7	260.8	7.1	7.0	1.1	268.1	271.5	1.3	58.3	0.3	54.
1.0	10.0	558.6	954.0	-7.8	-15.4	267.5	6.4	6.4	0.3	269.1	272.3	1.2	54.3	0.4	62.
1.5	11.0	665.2	941.0	-8.5	-19.0	282.8	6.0	5.9	-1.3	269.4	271.8	0.9	42.5	0.5	74.
1.7	12.0	756.4	930.0	-8.5	-21.4	290.2	5.7	5.3	-2.0	270.3	272.3	0.7	34.3	0.6	77.
2.0	13.0	848.6	919.0	-8.7	-25.7	302.8	5.4	4.5	-2.9	271.0	272.5	0.5	23.6	0.7	81.
2.4	14.0	941.9	908.0	-9.0	-27.0	320.0	6.0	3.9	-4.6	271.6	273.0	0.5	21.5	0.8	90.
2.7	15.0	1027.6	898.0	-9.0	-25.8	323.4	7.0	4.1	-5.6	272.5	274.0	0.5	24.1	0.8	96.
3.1	16.0	1140.4	885.0	-9.1	-25.5	322.4	8.4	5.1	-6.7	273.5	275.0	0.5	24.9	1.0	104.
3.4	17.0	1228.2	875.0	-9.7	-25.5	321.0	9.6	6.1	-7.5	273.8	275.3	0.5	26.1	1.1	110.
3.7	18.0	1325.8	864.0	-10.1	-25.7	318.8	10.9	7.2	-8.2	274.3	275.9	0.5	26.5	1.3	114.
4.0	19.0	1415.5	854.0	-10.6	-25.5	316.7	12.3	8.4	-3.9	274.8	276.4	0.5	27.3	1.5	117.
4.3	20.0	1506.0	844.0	-11.4	-22.7	313.3	13.1	9.5	-9.0	274.8	276.9	0.7	38.6	1.7	120.
4.7	21.0	1625.1	831.0	-11.3	-20.6	310.1	14.7	11.2	-9.4	276.2	278.7	0.9	45.8	2.0	122.
5.1	22.0	1718.0	821.0	-11.1	-31.0	309.0	16.6	12.9	-10.4	277.3	278.3	0.3	17.5	2.4	123.
5.4	23.0	1812.1	811.0	-11.0	-29.8	310.2	17.7	13.5	-11.4	278.4	279.6	0.4	19.4	2.7	123.
5.8	24.0	1907.3	801.0	-11.6	-23.4	313.0	18.5	13.5	-12.6	278.8	280.9	0.7	36.5	3.1	124.
6.2	25.0	2003.5	791.0	-12.0	-18.8	315.7	19.8	13.8	-14.1	279.4	282.6	1.1	58.8	3.6	126.
6.6	26.0	2110.6	780.0	-12.4	-16.8	317.5	21.3	14.4	-15.7	280.1	283.7	1.3	69.3	4.0	127.
7.0	27.0	2209.2	770.0	-12.5	-27.5	318.6	21.3	14.1	-16.0	280.9	282.4	0.5	27.3	4.6	128.
7.4	28.0	2309.1	760.0	-12.0	-39.2	317.3	21.2	14.4	-15.6	282.5	283.0	0.2	8.2	5.1	129.
7.7	29.0	2410.5	750.0	-12.0	-38.6	316.5	21.0	14.4	-15.2	283.6	284.1	0.2	8.7	5.4	130.
8.0	30.0	2502.8	741.0	-12.3	-37.0	315.9	20.7	14.4	-14.9	284.2	284.9	0.2	9.9	5.8	130.
8.3	31.0	2596.1	732.0	-12.7	-37.4	315.8	20.2	14.1	-14.5	284.8	285.4	0.2	10.5	6.2	131.
8.6	32.0	2701.0	722.0	-13.0	-37.6	315.7	19.8	13.8	-14.2	285.6	286.2	0.2	10.5	6.6	131.
9.0	33.0	2796.6	713.0	-13.1	-37.7	315.8	19.7	13.7	-14.1	286.5	287.1	0.2	10.5	7.0	131.
9.4	34.0	2893.3	704.0	-13.3	-37.8	315.0	20.4	14.4	-14.4	287.3	288.0	0.2	10.5	7.4	132.
9.7	35.0	2991.3	695.0	-13.4	-28.6	314.4	20.9	14.9	-14.6	288.3	289.9	0.5	26.2	7.8	132.
10.0	36.0	3112.4	684.0	-14.6	-28.1	313.7	21.3	15.4	-14.7	288.2	289.9	0.5	30.5	8.3	132.
10.4	37.0	3212.6	675.0	-15.3	-28.1	313.4	21.4	15.6	-14.7	288.5	290.2	0.6	32.5	8.8	132.
10.7	38.0	3314.2	666.0	-14.4	-38.1	313.1	21.7	15.8	-14.8	290.7	291.4	0.2	11.2	9.1	132.
11.0	39.0	3417.3	657.0	-14.6	-38.3	312.7	22.0	16.2	-15.0	291.5	292.2	0.2	10.7	9.5	132.
11.4	40.0	3521.7	648.0	-14.6	-29.7	312.1	22.6	16.7	-15.1	292.7	294.2	0.5	26.3	10.0	132.
11.8	41.0	3651.2	637.0	-15.5	-29.1	311.8	22.7	16.9	-15.1	293.2	294.9	0.5	29.9	10.6	132.
12.4	42.0	3758.5	628.0	-16.2	-28.9	312.6	22.8	16.8	-15.4	293.6	295.3	0.6	32.2	11.4	132.
12.7	43.0	3854.9	620.0	-16.9	-28.5	313.4	23.1	16.8	-15.9	293.9	295.7	0.6	35.6	11.8	132.
13.1	44.0	3952.3	612.0	-17.5	-30.0	314.0	23.6	17.0	-15.4	294.2	295.8	0.5	32.5	12.4	132.
13.4	45.0	4063.0	603.0	-18.6	-29.7	313.7	23.8	17.2	-16.5	294.2	295.8	0.5	36.1	12.8	132.
13.8	46.0	4162.5	595.0	-19.3	-29.7	312.3	23.7	17.5	-15.9	294.5	296.2	0.5	39.4	13.4	132.
14.2	47.0	4275.7	586.0	-20.1	-29.3	310.7	23.6	17.9	-15.4	294.9	296.6	0.5	41.3	14.0	132.
14.6	48.0	4377.4	578.0	-20.9	-30.9	309.7	23.7	18.3	-15.1	295.1	296.7	0.5	40.5	14.5	132.
15.1	49.0	4467.3	571.0	-21.6	-31.0	309.8	24.5	18.8	-15.7	295.3	296.9	0.5	42.1	15.2	132.
15.5	50.0	4584.2	562.0	-22.5	-32.1	310.1	25.0	19.1	-16.1	295.6	297.0	0.5	41.0	15.8	132.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 456  
TGPEKA, KAN

7 FEBRUARY 1975  
600 GMT

157 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.9	51.0	4715.9	552.0	-23.0	-32.9	310.2	24.8	18.9	-16.0	296.4	297.8	0.4	39.6	16.5	132.
16.3	52.0	4809.2	545.0	-24.1	-33.7	310.6	24.5	18.6	-15.9	296.3	297.5	0.4	40.3	17.0	132.
16.7	53.0	4916.9	537.0	-25.0	-35.0	311.2	24.3	18.3	-16.0	296.4	297.6	0.4	38.5	17.6	132.
17.3	54.0	5026.0	529.0	-25.3	-38.3	312.6	24.8	18.2	-16.7	297.4	298.2	0.3	27.8	18.5	132.
17.6	55.0	5122.5	522.0	-26.1	-39.5	313.3	25.0	18.2	-17.2	297.5	298.3	0.2	26.7	18.9	132.
18.2	56.0	5262.3	512.0	-26.9	-41.5	315.2	25.4	17.9	-13.0	298.2	298.9	0.2	23.4	19.9	132.
18.6	57.0	5361.5	505.0	-27.7	-43.6	316.7	25.8	17.7	-11.8	298.4	299.0	0.2	20.1	20.5	132.
19.0	58.0	5476.2	497.0	-28.1	-45.4	318.6	26.6	17.6	-20.0	299.3	299.8	0.1	17.0	21.0	132.
19.4	59.0	5577.9	490.0	-29.0	-47.2	321.6	27.5	17.1	-21.5	299.4	299.8	0.1	15.1	21.7	132.
19.8	60.0	5695.4	482.0	-29.6	-47.7	324.9	27.7	15.9	-22.6	300.0	300.4	0.1	15.2	22.4	133.
20.2	61.0	5799.6	475.0	-30.4	-48.3	328.1	27.4	14.5	-23.2	300.3	300.6	0.1	15.3	23.1	133.
20.6	62.0	5905.1	468.0	-30.7	-47.5	330.4	27.1	13.4	-23.6	301.2	301.6	0.1	17.7	23.7	134.
21.0	63.0	6011.9	461.0	-31.7	-47.5	331.3	27.4	13.2	-24.1	301.2	301.6	0.1	19.1	24.3	134.
21.4	64.0	6119.9	454.0	-32.5	-47.7	330.4	29.0	14.3	-25.2	301.5	301.9	0.1	20.1	24.9	134.
21.8	65.0	6229.3	447.0	-33.3	-48.4	329.0	30.7	15.8	-26.4	301.9	302.3	0.1	20.1	25.6	135.
22.4	66.0	6355.8	439.0	-34.5	-49.6	326.7	32.8	18.0	-27.4	301.9	302.3	0.1	19.8	26.7	136.
22.7	67.0	6467.9	432.0	-35.6	-50.6	325.7	33.1	18.7	-27.3	302.0	302.3	0.1	19.4	27.3	136.
23.2	68.0	6581.5	425.0	-36.2	-51.2	324.0	33.0	19.4	-26.7	302.6	302.8	0.1	19.5	28.3	136.
23.5	69.0	6696.5	418.0	-37.0	-51.3	323.1	32.7	19.7	-26.2	303.0	303.2	0.1	19.5	28.9	136.
24.0	70.0	6796.4	412.0	-37.4	-52.2	321.7	31.4	19.4	-26.6	303.7	304.0	0.1	19.6	29.8	136.
24.5	71.0	6931.6	404.0	-38.4	-53.1	321.8	28.1	17.4	-27.1	304.2	304.4	0.1	19.2	30.9	137.
24.9	72.0	7051.6	397.0	-39.0	-53.7	324.0	25.8	15.2	-28.9	304.8	305.1	0.1	19.3	31.5	137.
25.4	73.0	7155.8	391.0	-40.0	-54.5	327.3	26.0	14.0	-21.8	304.9	305.1	0.1	19.3	32.0	137.
25.7	74.0	7261.2	385.0	-40.9	99.9	328.4	27.3	14.3	-23.3	305.1	999.9	99.9	999.9	32.5	137.
26.2	75.0	7385.9	378.0	-41.5	99.9	328.6	30.0	15.6	-25.6	306.0	999.9	99.9	999.9	33.4	137.
26.6	76.0	7494.2	372.0	-42.4	99.9	327.8	31.7	16.9	-26.8	306.1	999.9	99.9	999.9	34.2	138.
27.0	77.0	7603.9	366.0	-43.3	99.9	326.6	32.9	18.1	-27.5	306.4	999.9	99.9	999.9	34.9	138.
27.4	78.0	7715.0	360.0	-44.1	99.9	325.4	32.9	18.7	-27.1	306.8	999.9	99.9	999.9	35.7	138.
27.8	79.0	7827.5	354.0	-45.2	99.9	324.3	31.2	18.2	-25.3	306.7	999.9	99.9	999.9	36.6	138.
28.3	80.0	7941.4	348.0	-46.1	99.9	322.8	29.3	17.7	-23.3	307.1	999.9	99.9	999.9	37.5	138.
28.8	81.0	8076.3	341.0	-46.9	99.9	321.9	31.4	19.4	-24.7	307.7	999.9	99.9	999.9	38.1	138.
29.3	82.0	8213.4	334.0	-48.1	99.9	322.2	36.5	22.4	-24.9	308.0	999.9	99.9	999.9	39.2	138.
29.7	83.0	8312.6	329.0	-48.7	99.9	322.8	38.9	23.5	-31.0	308.5	999.9	99.9	999.9	40.2	138.
30.1	84.0	8413.1	324.0	-49.7	99.9	323.5	39.2	22.7	-30.7	308.4	999.9	99.9	999.9	41.2	139.
30.5	85.0	8535.2	318.0	-50.6	99.9	324.7	34.4	19.9	-28.1	308.8	999.9	99.9	999.9	42.1	139.
31.1	86.0	8680.0	311.0	-51.4	99.9	327.6	28.4	15.2	-23.9	309.7	999.9	99.9	999.9	43.3	139.
31.5	87.0	8785.1	306.0	-52.4	99.9	328.9	27.0	13.9	-23.1	309.7	999.9	99.9	999.9	43.8	139.
32.0	88.0	8891.5	301.0	-52.7	99.9	327.4	32.1	17.3	-27.0	310.7	999.9	99.9	999.9	44.3	139.
32.4	89.0	9021.3	295.0	-53.2	99.9	325.7	37.7	21.2	-31.2	311.9	999.9	99.9	999.9	45.3	139.
32.8	90.0	9131.2	290.0	-54.2	99.9	324.5	40.6	23.6	-31.0	312.0	999.9	99.9	999.9	46.4	140.
33.3	91.0	9242.7	285.0	-54.5	99.9	323.8	40.8	24.1	-37.9	313.1	999.9	99.9	999.9	47.7	140.
33.7	92.0	9355.8	280.0	-55.6	99.9	324.1	39.3	23.0	-31.8	313.1	999.9	99.9	999.9	48.6	140.
34.1	93.0	9470.5	275.0	-55.9	99.9	324.8	36.9	21.3	-30.2	314.3	999.9	99.9	999.9	49.6	140.
34.5	94.0	9587.2	270.0	-56.2	99.9	325.0	33.4	19.2	-27.4	315.4	999.9	99.9	999.9	50.6	140.
34.9	95.0	9705.8	265.0	-56.9	99.9	322.4	29.4	17.9	-23.3	316.2	999.9	99.9	999.9	51.2	140.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

7 FEBRUARY 1975  
600 GMT

157 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
35.4	96.0	9851.0	259.0	-56.4	99.9	317.3	27.8	18.8	-20.4	319.0	999.9	99.9	999.9	52.0	140.
35.9	97.0	9974.7	254.0	-56.6	99.9	315.3	32.8*	23.1	-23.3	320.5	999.9	99.9	999.9	52.6	140.
36.4	98.0	10101.1	249.0	-55.6	99.9	316.9	42.3*	28.9	-30.9	323.8	999.9	99.9	999.9	53.7	140.
37.0	99.0	10230.8	244.0	-54.3	99.9	318.7	49.4*	32.6	-37.1	327.6	999.9	99.9	999.9	55.6	140.
37.4	100.0	10337.1	240.0	-52.9	99.9	318.0	45.2*	30.3	-35.6	331.3	999.9	99.9	999.9	57.1	140.
37.9	101.0	10500.6	234.0	-52.4	99.9	314.1	37.2*	26.7	-25.9	334.4	999.9	99.9	999.9	58.2	140.
38.3	102.0	10640.2	229.0	-52.4	99.9	309.2	33.9*	26.3	-21.4	336.5	999.9	99.9	999.9	58.9	140.
38.8	103.0	10754.0	225.0	-53.1	99.9	304.3	34.1*	28.1	-19.2	337.2	999.9	99.9	999.9	59.7	139.
39.2	104.0	10898.6	220.0	-53.8	99.9	302.3	34.7*	29.3	-18.5	338.2	999.9	99.9	999.9	60.6	139.
39.6	105.0	11016.3	216.0	-54.5	99.9	301.0	34.0*	29.1	-17.5	339.0	999.9	99.9	999.9	61.6	139.
40.1	106.0	11136.0	212.0	-54.6	99.9	300.3	32.5*	28.0	-16.4	340.5	999.9	99.9	999.9	62.3	139.
40.6	107.0	11258.1	208.0	-54.0	99.9	301.2	33.0*	28.3	-17.1	343.4	999.9	99.9	999.9	63.1	138.
41.1	108.0	11383.0	204.0	-53.1	99.9	301.4	33.0*	28.1	-17.2	346.8	999.9	99.9	999.9	64.4	138.
41.6	109.0	11543.3	199.0	-52.3	99.9	300.2	31.4*	27.1	-15.8	350.5	999.9	99.9	999.9	65.2	138.
42.1	110.0	11674.8	195.0	-51.8	99.9	299.4	31.8*	27.7	-15.6	353.3	999.9	99.9	999.9	66.0	138.
42.7	111.0	11843.3	190.0	-51.5	99.9	297.6	33.8*	29.9	-15.7	356.4	999.9	99.9	999.9	67.2	137.
43.3	112.0	11981.4	186.0	-51.5	99.9	293.1	34.3*	31.6	-13.5	358.6	999.9	99.9	999.9	68.4	137.
43.7	113.0	12086.7	183.0	-52.6	99.9	291.3	35.8*	33.3	-13.0	358.5	999.9	99.9	999.9	69.0	137.
44.3	114.0	12229.3	179.0	-53.2	99.9	291.7	39.4*	36.6	-14.6	359.7	999.9	99.9	999.9	70.3	136.
44.7	115.0	12374.9	175.0	-53.1	99.9	292.0	40.2*	37.2	-15.1	362.3	999.9	99.9	999.9	71.3	136.
45.5	116.0	12561.6	170.0	-53.5	99.9	291.3	36.0*	33.5	-13.1	364.6	999.9	99.9	999.9	73.2	135.
46.0	117.0	12676.0	167.0	-54.0	99.9	293.7	33.7*	30.9	-13.5	365.7	999.9	99.9	999.9	73.8	135.
46.6	118.0	12831.8	163.0	-53.7	99.9	299.2	35.5*	31.0	-17.3	368.7	999.9	99.9	999.9	74.9	134.
47.2	119.0	12991.7	159.0	-53.1	99.9	300.8	37.2*	32.0	-19.1	372.4	999.9	99.9	999.9	76.4	134.
47.8	120.0	13114.5	156.0	-52.9	99.9	298.4	36.6*	32.2	-17.4	374.7	999.9	99.9	999.9	77.7	134.
48.4	121.0	13281.9	152.0	-53.5	99.9	296.6	35.9*	32.1	-16.1	376.4	999.9	99.9	999.9	78.9	134.
48.9	122.0	13409.9	149.0	-54.3	99.9	297.8	37.5*	33.2	-17.5	377.2	999.9	99.9	999.9	79.7	134.
49.4	123.0	13540.2	146.0	-54.6	99.9	298.3	37.8*	33.3	-17.9	378.9	999.9	99.9	999.9	81.1	133.
49.9	124.0	13717.5	142.0	-55.8	99.9	295.8	34.5*	31.1	-15.0	379.9	999.9	99.9	999.9	82.2	133.
50.5	125.0	13853.5	139.0	-55.9	99.9	290.6	32.0*	29.9	-11.2	382.0	999.9	99.9	999.9	83.1	133.
51.1	126.0	14039.3	135.0	-55.9	99.9	287.8	33.9*	32.3	-10.4	385.2	999.9	99.9	999.9	84.2	133.
51.6	127.0	14230.5	131.0	-56.2	99.9	285.9	34.0*	32.7	-9.3	387.9	999.9	99.9	999.9	85.3	132.
52.1	128.0	14377.6	128.0	-56.6	99.9	284.9	31.7*	30.7	-8.2	389.9	999.9	99.9	999.9	86.1	132.
52.7	129.0	14528.2	125.0	-56.1	99.9	287.1	29.1*	27.8	-7.6	393.5	999.9	99.9	999.9	87.0	132.
53.3	130.0	14682.6	122.0	-56.2	99.9	287.9	28.4*	27.0	-8.8	395.9	999.9	99.9	999.9	88.0	131.
54.0	131.0	14893.9	118.0	-57.4	99.9	285.6	27.6*	26.6	-7.4	397.6	999.9	99.9	999.9	89.2	131.
54.6	132.0	15001.8	116.0	-57.6	99.9	287.3	28.0*	26.7	-8.3	399.2	999.9	99.9	999.9	89.9	131.
55.1	133.0	15167.0	113.0	-58.4	99.9	290.2	29.8*	28.0	-10.3	400.7	999.9	99.9	999.9	90.7	131.
55.7	134.0	15335.9	110.0	-59.3	99.9	292.6	31.5*	29.0	-12.1	402.1	999.9	99.9	999.9	91.8	130.
56.2	135.0	15508.9	107.0	-59.8	99.9	289.1	30.1*	28.5	-9.9	404.3	999.9	99.9	999.9	92.8	130.
56.9	136.0	15746.4	103.0	-61.0	99.9	272.3	24.1*	24.1	-7.0	406.4	999.9	99.9	999.9	94.1	130.
57.7	137.0	15930.0	100.0	-61.2	99.9	292.3	19.5*	18.0	-7.4	409.5	999.9	99.9	999.9	94.3	129.
58.3	138.0	16119.3	97.0	-60.7	99.9	307.0	24.7*	19.8	-14.9	414.1	999.9	99.9	999.9	95.3	130.
59.2	139.0	16382.2	93.0	-59.4	99.9	296.8	26.9*	24.0	-12.1	421.6	999.9	99.9	999.9	96.8	129.
60.0	140.0	16587.5	90.0	-59.4	99.9	287.4	26.1*	24.9	-7.8	425.6	999.9	99.9	999.9	98.0	129.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPFKA, KAN

7 FEBRUARY 1975  
600 GMT

157 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.8	141.0	16798.9	87.0	-61.0	99.9	279.9	20.8*	20.5	-3.6	426.5	999.9	99.9	999.9	99.2	129.
61.6	142.0	17016.8	84.0	-61.4	99.9	290.3	23.9*	22.4	-8.3	430.1	999.9	99.9	999.9	99.5	129.
62.3	143.0	17242.3	81.0	-61.5	99.9	288.5	28.4*	26.9	-9.0	434.2	999.9	99.9	999.9	101.3	128.
63.1	144.0	17476.5	78.0	-61.0	99.9	261.8	17.1*	16.9	2.4	440.1	999.9	99.9	999.9	102.0	128.
63.9	145.0	17720.0	75.0	-61.4	99.9	266.4	19.1*	19.1	1.2	444.3	999.9	99.9	999.9	101.7	128.
64.8	146.0	17972.6	72.0	-62.5	99.9	289.5	37.0*	34.9	-12.4	447.2	999.9	99.9	999.9	103.8	127.
65.7	147.0	18235.6	69.0	-61.9	99.9	293.0	36.3*	33.4	-14.2	453.8	999.9	99.9	999.9	105.9	127.
66.7	148.0	18511.0	66.0	-61.4	99.9	288.4	22.8*	21.6	-7.2	460.8	999.9	99.9	999.9	108.1	127.
67.7	149.0	18799.5	63.0	-61.5	99.9	286.2	19.1*	18.3	-5.3	466.6	999.9	99.9	999.9	108.7	127.
68.5	150.0	19102.3	60.0	-61.0	99.9	297.8	31.7*	28.0	-14.8	474.3	999.9	99.9	999.9	110.1	126.
69.6	151.0	19420.2	57.0	-62.1	99.9	298.6	20.4*	17.9	-9.8	478.9	999.9	99.9	999.9	111.8	126.
70.8	152.0	19757.9	54.0	-57.7	99.9	282.6	14.6*	14.3	-3.2	496.4	999.9	99.9	999.9	112.5	126.
72.0	153.0	19995.8	52.0	-58.2	99.9	259.5	16.8*	16.6	1.1	500.6	999.9	99.9	999.9	113.9	126.
73.1	154.0	20367.5	49.0	-61.0	99.9	259.5	20.5*	20.1	3.7	502.6	999.9	99.9	999.9	114.6	125.
74.2	155.0	20758.4	46.0	-62.8	99.9	280.2	22.2*	21.8	-3.9	507.4	999.9	99.9	999.9	115.8	125.
75.3	156.0	21171.4	43.0	-65.3	99.9	287.0	23.4*	22.4	-6.9	511.2	999.9	99.9	999.9	116.8	125.
76.7	157.0	21610.9	40.0	-66.1	99.9	293.8	24.3*	22.2	-9.8	519.9	999.9	99.9	999.9	119.1	125.
78.1	158.0	21923.5	38.0	-64.1	99.9	297.8	20.9*	18.5	-9.8	532.6	999.9	99.9	999.9	120.9	124.
79.8	159.0	22428.8	35.0	-62.6	99.9	293.1	18.2*	16.8	-7.2	549.1	999.9	99.9	999.9	122.3	124.
81.6	160.0	22982.8	32.0	-61.5	99.9	268.0	13.0*	13.0	0.5	566.3	999.9	99.9	999.9	124.9	124.
83.4	161.0	23380.0	30.0	-64.5	99.9	271.6	6.9*	6.9	-0.2	568.8	999.9	99.9	999.9	126.1	124.
85.5	162.0	24025.1	27.0	-63.8	99.9	999.9	99.9	99.9	99.9	588.3	999.9	99.9	999.9	999.9	999.

STATION NO. 456  
TOPEKA, KAN

7 FEBRUARY 1975  
1115 GMT

164 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	268.0	988.1	-9.4	-13.0	210.0	5.2	2.6	4.5	264.8	268.5	1.4	75.0	0.0	0.
0.2	7.0	292.3	985.0	-9.5	-13.4	229.0	14.4	10.9	9.5	264.9	268.5	1.4	73.6	0.3	22.
0.4	8.0	379.1	974.0	-9.4	-14.1	229.0	14.4	10.9	9.5	265.9	269.4	1.3	68.7	0.3	22.
0.8	9.0	467.7	963.0	-5.0	-10.3	230.9	14.2	11.0	9.0	271.3	276.1	1.8	66.3	0.6	34.
1.1	10.0	558.4	952.0	-2.7	-9.8	232.9	13.7	10.9	8.3	274.5	279.6	1.9	57.8	0.8	39.
1.4	11.0	667.5	939.0	-2.4	-13.5	235.1	12.4	10.1	7.1	275.9	279.8	1.4	42.0	1.1	43.
1.8	12.0	760.9	928.0	-3.1	-15.0	240.1	10.9	9.5	5.4	276.0	279.3	1.2	37.3	1.3	45.
2.1	13.0	846.6	918.0	-3.6	-16.4	246.0	10.7	9.8	4.4	276.4	279.6	1.2	36.1	1.5	47.
2.5	14.0	941.8	907.0	-4.1	-12.7	254.3	12.8	12.4	3.5	276.9	281.2	1.6	51.0	1.8	50.
2.8	15.0	1029.2	897.0	-4.2	-13.0	258.4	14.7	14.4	2.9	277.6	281.9	1.6	50.4	2.0	54.
3.2	16.0	1144.3	884.0	-4.4	-13.3	265.4	16.0	15.9	1.3	278.6	282.9	1.5	49.4	2.3	58.
3.5	17.0	1243.0	873.0	-3.9	-14.2	272.4	16.2	16.2	-0.7	280.1	284.1	1.5	44.4	2.6	61.
3.9	18.0	1334.0	863.0	-3.6	-13.7	278.2	17.6	17.4	-2.5	281.3	285.6	1.5	45.2	2.9	66.
4.2	19.0	1426.0	853.0	-4.1	-13.9	280.3	18.4	18.1	-3.3	281.8	286.1	1.5	46.2	3.2	69.
4.5	20.0	1519.0	843.0	-4.7	-14.9	281.5	19.0	18.6	-3.8	282.1	286.1	1.4	44.3	3.5	72.
5.0	21.0	1631.6	831.0	-5.7	-16.0	283.9	18.9	18.4	-4.5	282.1	285.6	1.2	40.7	4.0	76.
5.4	22.0	1726.3	821.0	-6.6	-16.2	283.0	19.7	19.2	-4.4	282.2	285.8	1.3	45.8	4.4	79.
5.8	23.0	1822.0	811.0	-7.4	-15.5	285.4	19.5	18.8	-5.2	282.4	286.3	1.4	52.0	4.9	81.
6.2	24.0	1918.5	801.0	-7.8	-17.2	290.1	18.9	17.7	-6.5	282.9	286.4	1.2	46.5	5.3	83.
6.5	25.0	2016.2	791.0	-8.2	-19.4	294.7	18.4	16.7	-7.7	283.4	286.4	1.0	40.1	5.6	85.
7.0	26.0	2124.9	780.0	-8.4	-24.4	298.7	19.0	16.6	-9.1	284.3	286.3	0.7	26.0	6.1	88.
7.4	27.0	2224.9	770.0	-8.8	-24.5	298.1	19.2	17.0	-9.1	284.9	287.0	0.7	27.2	6.5	90.
7.7	28.0	2315.9	761.0	-9.4	-24.9	298.8	19.4	17.0	-9.3	285.3	287.2	0.7	27.2	6.8	91.
8.1	29.0	2407.7	752.0	-10.3	-24.9	300.8	19.6	16.8	-10.0	285.3	287.3	0.7	28.7	7.2	93.
8.5	30.0	2510.8	742.0	-10.4	-26.6	303.9	19.9	16.5	-11.1	286.2	288.0	0.6	24.9	7.6	95.
8.9	31.0	2604.8	733.0	-10.0	-29.0	307.0	20.8	16.6	-12.5	287.7	289.1	0.5	19.3	8.0	96.
9.3	32.0	2700.0	724.0	-10.3	-29.7	308.7	22.1	17.3	-13.8	288.4	289.7	0.4	18.4	8.4	98.
9.7	33.0	2796.2	715.0	-10.8	-30.7	309.3	23.4	18.1	-14.8	288.8	290.0	0.4	17.5	8.9	100.
10.1	34.0	2893.5	706.0	-11.4	-31.2	309.3	24.5	19.0	-15.5	289.2	290.4	0.4	17.5	9.4	102.
10.4	35.0	2991.8	697.0	-11.7	-30.1	309.2	25.0	19.4	-15.8	289.9	291.3	0.4	19.9	9.9	103.
10.9	36.0	3113.6	686.0	-12.1	-29.7	308.7	25.6	19.9	-15.0	290.8	292.3	0.5	22.5	10.5	105.
11.3	37.0	3225.7	676.0	-13.1	-24.7	308.1	25.6	20.2	-15.8	290.9	293.2	0.8	36.7	11.1	106.
11.7	38.0	3339.1	666.0	-13.9	-26.5	307.4	25.0	19.9	-15.2	291.2	293.2	0.6	33.4	11.7	107.
12.0	39.0	3442.5	657.0	-13.2	-40.1	306.9	24.2	19.3	-14.5	293.1	293.7	0.2	8.3	12.2	108.
12.4	40.0	3535.8	649.0	-13.2	-33.2	307.2	23.1	18.4	-13.9	294.1	295.3	0.4	16.7	12.7	109.
12.9	41.0	3665.8	638.0	-13.9	-29.0	308.7	23.1	18.0	-14.5	294.8	296.4	0.5	25.1	13.2	110.
13.3	42.0	3761.5	630.0	-14.6	-28.2	310.5	23.9	18.2	-15.5	295.1	296.9	0.6	30.2	13.8	111.
13.6	43.0	3870.4	621.0	-15.3	-27.7	311.7	24.7	18.4	-16.4	295.5	297.4	0.6	33.1	14.2	111.
14.1	44.0	3968.2	613.0	-16.0	-27.3	313.0	26.0	19.0	-17.7	295.8	297.9	0.7	37.2	14.9	112.
14.4	45.0	4067.0	605.0	-16.8	-27.2	313.0	26.8	19.6	-18.3	296.0	298.1	0.7	40.1	15.3	113.
14.8	46.0	4166.9	597.0	-17.4	-27.0	312.4	27.3	20.2	-18.4	296.5	298.6	0.7	42.6	16.0	114.
15.2	47.0	4267.9	589.0	-18.1	-28.0	311.4	27.0	20.3	-17.9	296.8	298.8	0.6	41.1	16.7	115.
15.6	48.0	4382.8	580.0	-18.6	-28.6	310.0	26.2	20.1	-16.8	297.5	299.4	0.6	40.0	17.3	115.
16.0	49.0	4473.3	573.0	-18.9	-28.0	308.5	25.6	20.0	-15.9	298.2	300.1	0.6	40.8	17.8	116.
16.3	50.0	4578.0	565.0	-19.4	-29.0	307.8	26.0	20.5	-15.9	298.8	300.6	0.6	39.1	18.3	116.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

7 FEBRUARY 1975  
1115 GMT

164 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.9	51.0	4710.6	555.0	-20.1	-31.3	307.2	27.1	21.5	-16.4	299.5	301.1	0.5	35.8	19.2	116.
17.3	52.0	4818.0	547.0	-21.2	-32.3	307.5	27.1	21.5	-16.5	299.4	300.9	0.5	35.8	19.9	117.
17.7	53.0	4926.6	539.0	-22.0	-33.0	308.1	26.7	21.0	-16.5	299.7	301.1	0.4	35.8	20.5	117.
18.1	54.0	5022.7	532.0	-22.4	-33.0	308.7	26.3	20.5	-16.4	300.4	301.8	0.4	37.0	21.1	117.
18.5	55.0	5133.9	524.0	-22.7	-34.1	309.2	26.2	20.3	-16.6	301.4	302.7	0.4	34.2	21.7	118.
19.0	56.0	5260.9	515.0	-23.5	-36.2	309.3	27.0	20.9	-17.1	301.9	303.0	0.3	29.7	22.5	118.
19.3	57.0	5360.9	508.0	-24.1	-37.7	308.6	27.4	21.4	-17.1	302.2	303.2	0.3	27.0	23.0	118.
19.8	58.0	5476.5	500.0	-24.8	-39.1	307.0	27.4	21.9	-16.5	302.8	303.7	0.3	24.8	23.8	119.
20.1	59.0	5578.9	493.0	-25.6	-40.9	306.0	27.1	21.9	-15.9	303.0	303.8	0.2	22.1	24.3	119.
20.5	60.0	5682.4	486.0	-26.5	-41.8	305.0	26.6	21.8	-15.2	303.1	303.8	0.2	21.8	25.0	119.
21.0	61.0	5787.1	479.0	-27.2	-42.6	304.7	27.5	22.6	-15.7	303.6	304.2	0.2	21.4	25.7	119.
21.4	62.0	5893.0	472.0	-28.2	-42.8	305.3	29.6	24.2	-17.1	303.5	304.2	0.2	23.1	26.3	119.
21.9	63.0	5999.9	465.0	-29.3	-42.1	306.2	31.0	25.0	-18.3	303.5	304.2	0.2	25.4	27.3	120.
22.2	64.0	6123.7	457.0	-30.2	-43.1	306.8	30.2	24.2	-18.1	303.9	304.5	0.2	26.9	28.0	120.
22.6	65.0	6233.3	450.0	-31.3	-43.4	307.4	28.0	22.3	-17.0	303.9	304.5	0.2	28.9	28.7	120.
23.4	66.0	6360.1	442.0	-32.4	-43.7	306.3	24.5	19.8	-14.5	304.1	304.7	0.2	30.8	29.8	120.
23.8	67.0	6472.5	435.0	-33.2	-44.6	305.2	25.0	20.4	-14.4	304.5	305.0	0.2	30.2	30.4	120.
24.2	68.0	6570.0	429.0	-34.0	-46.2	305.3	26.2	21.4	-15.1	304.7	305.1	0.1	27.4	31.0	120.
24.6	69.0	6685.1	422.0	-34.6	-47.4	306.5	27.8	22.3	-16.5	305.2	305.7	0.1	25.7	31.7	120.
25.0	70.0	6801.7	415.0	-35.7	-48.5	308.5	29.7	23.2	-18.5	305.3	305.7	0.1	25.4	32.2	121.
25.5	71.0	6936.8	407.0	-36.8	-49.5	310.1	31.7	24.3	-20.4	305.6	306.0	0.1	25.1	33.2	121.
26.0	72.0	7039.5	401.0	-37.5	-50.1	310.9	31.2	23.6	-20.4	306.0	306.4	0.1	25.1	34.3	121.
26.6	73.0	7160.8	394.0	-38.4	-50.9	312.5	28.3	20.9	-19.1	306.3	306.6	0.1	25.2	35.3	121.
26.9	74.0	7266.1	388.0	-39.4	99.9	313.4	27.1	19.7	-18.6	306.5	999.9	99.9	999.9	35.7	122.
27.4	75.0	7372.7	382.0	-40.1	99.9	313.4	26.5	19.3	-18.2	307.0	999.9	99.9	999.9	36.6	122.
27.9	76.0	7480.5	376.0	-41.2	99.9	311.5	27.9	20.9	-18.4	306.9	999.9	99.9	999.9	37.2	122.
28.3	77.0	7589.7	370.0	-41.6	99.9	309.5	30.2	23.3	-19.2	307.7	999.9	99.9	999.9	37.9	122.
28.8	78.0	7700.4	364.0	-42.4	99.9	308.0	33.6	26.4	-20.7	308.1	999.9	99.9	999.9	38.9	122.
29.2	79.0	7812.6	358.0	-43.1	99.9	307.9	35.6	28.1	-21.9	308.6	999.9	99.9	999.9	39.7	123.
29.7	80.0	7926.2	352.0	-44.0	99.9	308.6	36.1	28.2	-22.5	308.9	999.9	99.9	999.9	40.9	123.
30.2	81.0	8060.8	345.0	-44.7	99.9	309.6	34.4	26.5	-21.9	309.7	999.9	99.9	999.9	42.0	123.
30.7	82.0	8178.0	339.0	-45.7	99.9	310.3	32.7	24.9	-21.2	309.9	999.9	99.9	999.9	42.9	123.
31.1	83.0	8296.7	333.0	-46.7	99.9	310.9	32.7*	24.7	-21.4	310.1	999.9	99.9	999.9	43.7	123.
31.5	84.0	8417.0	327.0	-47.8	99.9	311.7	34.1*	25.5	-22.7	310.3	999.9	99.9	999.9	44.4	123.
32.0	85.0	8539.0	321.0	-48.7	99.9	313.9	36.2*	26.1	-23.1	310.7	999.9	99.9	999.9	45.5	124.
32.5	86.0	8683.8	314.0	-49.4	99.9	317.8	37.5*	25.2	-23.8	311.6	999.9	99.9	999.9	46.7	124.
33.1	87.0	8788.7	309.0	-50.3	99.9	319.4	38.7*	25.2	-23.4	311.8	999.9	99.9	999.9	47.8	124.
33.6	88.0	8916.4	303.0	-51.2	99.9	316.9	38.5*	26.3	-28.1	312.2	999.9	99.9	999.9	49.0	125.
33.9	89.0	9024.4	298.0	-51.9	99.9	315.4	37.0*	26.0	-26.4	312.8	999.9	99.9	999.9	49.8	125.
34.5	90.0	9134.0	293.0	-52.5	99.9	316.2	33.0*	22.9	-23.8	313.5	999.9	99.9	999.9	51.1	125.
35.0	91.0	9245.0	288.0	-53.3	99.9	317.9	33.3*	22.3	-24.7	313.9	999.9	99.9	999.9	51.7	125.
35.5	92.0	9357.6	283.0	-54.1	99.9	317.9	36.3*	24.3	-26.9	314.3	999.9	99.9	999.9	52.9	126.
36.1	93.0	9494.8	277.0	-54.9	99.9	318.9	36.6*	24.0	-27.6	315.1	999.9	99.9	999.9	54.3	126.
36.6	94.0	9587.7	273.0	-55.6	99.9	319.6	35.9*	23.3	-27.4	315.4	999.9	99.9	999.9	55.4	126.
37.1	95.0	9705.3	268.0	-56.2	99.9	318.3	38.0*	25.3	-28.4	316.1	999.9	99.9	999.9	56.2	126.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

7 FEBRUARY 1975  
1115 GMT

164 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.7	96.0	9873.3	261.0	-56.6	99.9	315.8	42.6*	29.7	-30.5	318.0	999.9	99.9	999.9	57.8	127.
38.2	97.0	9971.1	257.0	-57.4	99.9	314.1	45.4*	32.6	-31.6	318.2	999.9	99.9	999.9	59.1	127.
38.7	98.0	10095.0	252.0	-58.3	99.9	312.8	47.0*	34.5	-31.9	318.7	999.9	99.9	999.9	60.5	127.
39.1	99.0	10221.0	247.0	-58.5	99.9	312.0	47.5*	35.3	-31.8	320.3	999.9	99.9	999.9	61.6	127.
39.6	100.0	10349.5	242.0	-58.8	99.9	311.7	46.5*	34.7	-31.0	321.6	999.9	99.9	999.9	63.1	127.
40.3	101.0	10480.4	237.0	-59.4	99.9	312.2	42.7*	31.6	-28.7	322.7	999.9	99.9	999.9	65.0	127.
40.7	102.0	10613.7	232.0	-60.3	99.9	312.4	39.2*	29.0	-25.5	323.3	999.9	99.9	999.9	66.0	127.
41.1	103.0	10722.4	228.0	-59.2	99.9	312.1	35.4*	26.2	-27.7	326.6	999.9	99.9	999.9	66.8	127.
41.7	104.0	10861.4	223.0	-59.0	99.9	309.9	31.7*	24.3	-20.3	328.9	999.9	99.9	999.9	68.0	128.
42.1	105.0	10975.0	219.0	-59.0	99.9	307.7	31.7*	25.1	-19.4	330.7	999.9	99.9	999.9	68.4	128.
42.5	106.0	11090.7	215.0	-58.6	99.9	305.2	32.7*	26.7	-18.9	332.9	999.9	99.9	999.9	69.7	128.
43.1	107.0	11238.8	210.0	-57.9	99.9	300.8	34.1*	29.2	-17.4	336.3	999.9	99.9	999.9	70.6	127.
43.6	108.0	11360.3	206.0	-57.1	99.9	298.2	36.8*	32.4	-17.4	339.5	999.9	99.9	999.9	71.6	127.
44.1	109.0	11484.5	202.0	-56.6	99.9	297.1	40.9*	36.4	-13.7	342.2	999.9	99.9	999.9	73.0	127.
44.6	110.0	11611.5	198.0	-56.2	99.9	297.1	45.8*	40.8	-27.8	344.7	999.9	99.9	999.9	73.9	127.
45.3	111.0	11773.8	193.0	-56.6	99.9	297.9	49.4*	43.7	-23.1	346.7	999.9	99.9	999.9	76.2	127.
45.8	112.0	11906.8	189.0	-56.4	99.9	297.6	45.4*	40.2	-21.0	349.0	999.9	99.9	999.9	77.8	127.
46.4	113.0	12042.6	185.0	-56.4	99.9	296.2	39.4*	35.3	-17.4	351.2	999.9	99.9	999.9	79.1	126.
46.9	114.0	12181.3	181.0	-56.6	99.9	295.8	39.0*	35.1	-17.0	353.1	999.9	99.9	999.9	80.0	126.
47.4	115.0	12323.0	177.0	-56.8	99.9	295.3	38.8*	35.1	-15.6	355.1	999.9	99.9	999.9	81.6	126.
48.1	116.0	12467.7	173.0	-57.3	99.9	294.1	38.9*	35.5	-15.9	356.6	999.9	99.9	999.9	82.8	126.
48.6	117.0	12615.9	169.0	-56.6	99.9	294.3	40.4*	36.8	-16.6	360.1	999.9	99.9	999.9	84.0	126.
49.1	118.0	12767.7	165.0	-56.8	99.9	295.0	38.2*	34.6	-16.1	362.3	999.9	99.9	999.9	85.7	125.
49.7	119.0	12883.9	162.0	-57.3	99.9	295.7	34.0*	30.6	-14.8	363.4	999.9	99.9	999.9	86.6	125.
50.2	120.0	13042.1	158.0	-56.9	99.9	296.3	35.9*	32.2	-15.9	366.5	999.9	99.9	999.9	87.4	125.
50.8	121.0	13163.7	155.0	-56.6	99.9	295.5	39.6*	35.7	-17.1	369.1	999.9	99.9	999.9	89.0	125.
51.4	122.0	13329.5	151.0	-56.6	99.9	293.9	39.8*	36.3	-15.1	371.9	999.9	99.9	999.9	90.4	125.
51.9	123.0	13456.8	148.0	-56.6	99.9	293.5	40.7*	37.4	-15.3	374.0	999.9	99.9	999.9	91.3	125.
52.4	124.0	13586.8	145.0	-56.2	99.9	293.1	40.4*	37.1	-15.9	376.8	999.9	99.9	999.9	93.0	125.
53.0	125.0	13719.8	142.0	-55.7	99.9	291.4	36.4*	33.8	-13.3	380.0	999.9	99.9	999.9	94.1	125.
53.6	126.0	13901.4	138.0	-56.6	99.9	291.0	36.1*	33.7	-13.0	381.6	999.9	99.9	999.9	95.3	124.
54.2	127.0	14087.8	134.0	-56.9	99.9	292.9	41.3*	38.0	-16.1	384.2	999.9	99.9	999.9	96.5	124.
54.7	128.0	14230.9	131.0	-57.9	99.9	294.4	43.4*	39.5	-17.9	384.9	999.9	99.9	999.9	97.9	124.
55.3	129.0	14376.9	128.0	-58.1	99.9	294.4	38.1*	34.7	-15.8	387.1	999.9	99.9	999.9	99.7	124.
55.8	130.0	14526.4	125.0	-57.6	99.9	293.3	32.1*	29.5	-12.7	390.7	999.9	99.9	999.9	100.6	124.
56.5	131.0	14679.7	122.0	-57.9	99.9	294.1	30.1*	27.5	-12.3	392.8	999.9	99.9	999.9	101.7	124.
57.2	132.0	14889.7	118.0	-58.1	99.9	297.1	37.0*	32.9	-16.9	396.2	999.9	99.9	999.9	103.0	124.
57.8	133.0	14997.3	116.0	-58.5	99.9	296.5	40.4*	36.1	-18.0	397.5	999.9	99.9	999.9	104.6	123.
58.4	134.0	15161.8	113.0	-59.2	99.9	292.4	35.8*	33.1	-15.6	399.2	999.9	99.9	999.9	106.1	123.
59.1	135.0	15330.3	110.0	-59.7	99.9	285.8	33.9*	32.6	-10.3	401.3	999.9	99.9	999.9	107.3	123.
59.8	136.0	15503.2	107.0	-59.5	99.9	283.4	36.7*	35.7	-8.5	404.8	999.9	99.9	999.9	108.5	123.
60.4	137.0	15741.3	103.0	-60.1	99.9	278.0	23.7*	23.5	-3.3	408.2	999.9	99.9	999.9	111.0	123.
61.2	138.0	15925.3	100.0	-61.2	99.9	279.4	12.4*	12.2	-2.0	409.6	999.9	99.9	999.9	110.0	122.
61.9	139.0	16114.1	97.0	-61.9	99.9	292.3	23.8*	22.0	-9.0	411.7	999.9	99.9	999.9	111.2	122.
62.7	140.0	16308.3	94.0	-62.3	99.9	291.0	30.1*	28.1	-10.8	414.7	999.9	99.9	999.9	112.5	122.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPEKA, KAN

7 FEBRUARY 1975  
1115 GMT

164 15. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.4	141.0	16508.5	91.0	-62.7	99.9	290.1	31.7*	29.7	-10.9	417.8	999.9	99.9	999.9	113.8	122.
64.1	142.0	16715.3	88.0	-62.5	99.9	289.6	31.4*	29.6	-10.5	422.2	999.9	99.9	999.9	115.1	122.
64.9	143.0	16929.1	85.0	-62.9	99.9	287.7	31.4*	30.0	-9.5	425.6	999.9	99.9	999.9	116.5	122.
65.7	144.0	17150.5	82.0	-62.9	99.9	287.1	33.5*	32.0	-9.9	430.0	999.9	99.9	999.9	118.0	122.
66.4	145.0	17379.8	79.0	-63.2	99.9	292.6	33.5*	31.0	-12.9	433.8	999.9	99.9	999.9	119.5	121.
67.2	146.0	17618.4	76.0	-62.3	99.9	299.4	27.3*	23.8	-13.4	440.7	999.9	99.9	999.9	121.0	121.
68.1	147.0	17867.4	73.0	-61.9	99.9	297.6	7.2*	6.4	-3.3	446.6	999.9	99.9	999.9	122.4	121.
69.0	148.0	18127.9	70.0	-60.6	99.9	289.7	20.2*	19.0	-5.8	454.7	999.9	99.9	999.9	121.5	121.
69.9	149.0	18308.2	68.0	-61.0	99.9	297.5	44.5*	39.5	-20.6	457.7	999.9	99.9	999.9	125.0	121.
70.7	150.0	18588.7	65.0	-60.8	99.9	291.3	14.4*	13.4	-5.2	464.1	999.9	99.9	999.9	126.2	121.
71.6	151.0	18881.8	62.0	-61.9	99.9	284.0	18.6*	18.1	-4.5	467.9	999.9	99.9	999.9	126.3	121.
72.6	152.0	19188.3	59.0	-62.5	99.9	276.4	12.7*	12.6	-1.4	473.3	999.9	99.9	999.9	127.9	121.
73.7	153.0	19401.9	57.0	-61.0	99.9	278.2	13.2*	13.1	-1.9	481.4	999.9	99.9	999.9	128.3	121.
74.7	154.0	19737.3	54.0	-61.7	99.9	290.7	18.8*	17.6	-6.6	487.2	999.9	99.9	999.9	128.8	121.
75.6	155.0	19970.5	52.0	-62.7	99.9	286.4	28.1*	26.9	-7.9	490.3	999.9	99.9	999.9	130.3	121.
76.7	156.0	20335.0	49.0	-64.8	99.9	268.8	19.1*	19.1	0.4	493.6	999.9	99.9	999.9	132.0	120.
77.7	157.0	20719.7	46.0	-65.8	99.9	269.0	12.0*	12.0	0.2	500.2	999.9	99.9	999.9	132.7	120.
78.9	158.0	20989.6	44.0	-65.8	99.9	290.4	15.0*	14.0	-5.2	506.6	999.9	99.9	999.9	133.7	120.
80.0	159.0	21420.8	41.0	-63.6	99.9	302.9	24.4*	20.5	-13.3	522.4	999.9	99.9	999.9	134.7	120.
81.2	160.0	21728.7	39.0	-62.3	99.9	308.4	17.5*	13.7	-10.9	533.3	999.9	99.9	999.9	136.6	120.
82.9	161.0	22225.7	36.0	-60.1	99.9	305.1	5.0*	4.1	-2.9	551.4	999.9	99.9	999.9	139.2	120.
84.4	162.0	22580.6	34.0	-62.3	99.9	283.6	16.2*	15.7	-3.8	554.7	999.9	99.9	999.9	137.3	120.
85.9	163.0	23147.7	31.0	-64.8	99.9	278.2	23.2*	23.0	-3.3	562.7	999.9	99.9	999.9	140.5	120.
87.5	164.0	23766.7	28.0	-66.2	99.9	285.5	11.7*	11.3	-3.1	575.4	999.9	99.9	999.9	141.1	120.
89.4	165.0	24215.2	26.0	-66.9	99.9	288.9	18.8*	17.8	-5.1	585.9	999.9	99.9	999.9	142.3	120.
91.5	166.0	24955.7	23.0	-67.1	99.9	293.3	4.8*	4.4	-1.9	606.2	999.9	99.9	999.9	144.9	119.
93.8	167.0	25515.4	21.0	-59.2	99.9	296.1	15.6*	14.0	-5.9	646.0	999.9	99.9	999.9	146.6	119.
96.2	168.0	26479.1	18.0	-60.3	99.9	280.5	26.0*	25.6	-4.8	671.7	999.9	99.9	999.9	145.9	119.
99.5	169.0	27616.6	15.0	-60.1	99.9	999.9	99.9	99.9	99.9	708.3	999.9	99.9	999.9	999.9	999.

STATION NO. 486  
FORT TOTTEN, N Y

5 FEBRUARY 1975  
2315 GMT

152 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	8.0	1008.1	0.9	-0.1	999.9	99.9	99.9	99.9	273.9	283.5	3.8	93.0	999.9	999.
0.3	6.0	121.2	994.0	0.2	-0.9	999.9	99.9	99.9	99.9	274.3	283.5	3.6	91.7	999.9	999.
0.7	7.0	218.5	982.0	-0.6	-0.7	999.9	99.9	99.9	99.9	274.5	283.9	3.7	99.0	999.9	999.
1.1	8.0	316.8	970.0	-1.2	-1.2	999.9	99.9	99.9	99.9	274.8	284.0	3.6	100.5	999.9	999.
1.4	9.0	416.6	958.0	-2.0	-2.0	999.9	99.9	99.9	99.9	274.9	283.8	3.4	100.7	999.9	999.
1.8	10.0	507.9	947.0	-2.3	-2.3	999.9	99.9	99.9	99.9	275.5	284.3	3.4	100.6	999.9	999.
2.3	11.0	626.4	933.0	-1.5	-1.5	999.9	99.9	99.9	99.9	277.5	287.0	3.7	100.8	999.9	999.
2.6	12.0	730.0	921.0	0.4	0.4	999.9	99.9	99.9	99.9	280.6	291.7	4.3	100.8	999.9	999.
3.0	13.0	826.7	910.0	0.9	0.9	999.9	99.9	99.9	99.9	282.1	293.8	4.5	100.6	999.9	999.
3.4	14.0	924.6	899.0	1.2	1.2	999.9	99.9	99.9	99.9	283.4	295.6	4.7	100.9	999.9	999.
3.8	15.0	1023.9	888.0	1.6	1.5	999.9	99.9	99.9	99.9	284.8	297.5	4.8	100.9	999.9	999.
4.2	16.0	1152.2	874.0	1.7	1.7	999.9	99.9	99.9	99.9	286.3	299.4	5.0	100.7	999.9	999.
4.6	17.0	1254.4	863.0	1.4	1.4	999.9	99.9	99.9	99.9	287.0	300.0	4.9	100.7	999.9	999.
4.9	18.0	1357.8	852.0	1.1	1.1	999.9	99.9	99.9	99.9	287.7	300.6	4.9	100.4	999.9	999.
5.3	19.0	1462.3	841.0	0.4	0.4	999.9	99.9	99.9	99.9	288.0	300.5	4.7	100.5	999.9	999.
5.8	20.0	1558.3	831.0	-0.3	-0.3	999.9	99.9	99.9	99.9	288.3	300.4	4.5	100.4	999.9	999.
6.2	21.0	1684.7	818.0	-0.3	-0.3	999.9	99.9	99.9	99.9	289.6	302.0	4.6	100.7	999.9	999.
6.6	22.0	1793.3	807.0	0.1	0.1	999.9	99.9	99.9	99.9	291.1	304.0	4.8	101.0	999.9	999.
7.0	23.0	1893.4	797.0	0.1	-0.5	999.9	99.9	99.9	99.9	292.1	304.7	4.6	95.9	999.9	999.
7.4	24.0	1994.7	787.0	-0.1	-2.3	999.9	99.9	99.9	99.9	292.9	304.3	4.1	85.3	999.9	999.
7.8	25.0	2107.7	776.0	0.6	-3.2	999.9	99.9	99.9	99.9	294.8	305.6	3.9	75.6	999.9	999.
8.3	26.0	2232.9	764.0	0.6	-5.0	999.9	99.9	99.9	99.9	296.1	305.8	3.5	66.1	999.9	999.
8.7	27.0	2338.5	754.0	-0.3	-12.0	999.9	99.9	99.9	99.9	296.1	302.0	2.0	40.7	999.9	999.
9.1	28.0	2456.1	743.0	-0.6	-12.2	999.9	99.9	99.9	99.9	297.0	302.9	2.0	41.0	999.9	999.
9.5	29.0	2553.4	734.0	-1.4	-12.3	999.9	99.9	99.9	99.9	297.2	303.7	2.1	44.0	999.9	999.
9.9	30.0	2662.6	724.0	-2.0	-11.5	999.9	99.9	99.9	99.9	297.6	304.0	2.2	48.1	999.9	999.
10.3	31.0	2773.0	714.0	-3.0	-11.4	999.9	99.9	99.9	99.9	297.8	304.3	2.2	52.1	999.9	999.
10.6	32.0	2884.6	704.0	-3.6	-11.0	999.9	99.9	99.9	99.9	298.3	305.1	2.3	56.3	999.9	999.
11.0	33.0	2986.3	695.0	-4.2	-12.6	999.9	99.9	99.9	99.9	298.7	304.8	2.1	51.8	999.9	999.
11.4	34.0	3100.4	685.0	-4.7	-18.7	999.9	99.9	99.9	99.9	299.3	303.2	1.3	32.3	999.9	999.
11.8	35.0	3204.5	676.0	-5.0	-23.7	999.9	99.9	99.9	99.9	300.0	302.6	0.8	21.3	999.9	999.
12.3	36.0	3345.2	664.0	-5.1	-29.3	999.9	99.9	99.9	99.9	301.4	302.9	0.5	12.1	999.9	999.
12.6	37.0	3452.3	655.0	-5.1	-53.2	999.9	99.9	99.9	99.9	302.5	302.6	0.0	1.0	999.9	999.
13.0	38.0	3560.9	646.0	-5.6	-53.4	999.9	99.9	99.9	99.9	303.2	303.3	0.0	1.0	999.9	999.
13.4	39.0	3670.6	637.0	-6.5	-42.6	999.9	99.9	99.9	99.9	303.4	303.8	0.1	3.7	999.9	999.
13.8	40.0	3781.6	628.0	-7.4	-43.0	999.9	99.9	99.9	99.9	303.6	304.0	0.1	3.8	999.9	999.
14.3	41.0	3906.3	618.0	-8.4	-43.5	999.9	99.9	99.9	99.9	303.8	304.2	0.1	3.9	999.9	999.
14.7	42.0	4032.8	608.0	-8.7	-45.3	999.9	99.9	99.9	99.9	304.9	305.2	0.1	3.3	999.9	999.
15.1	43.0	4135.2	600.0	-9.9	-42.7	999.9	99.9	99.9	99.9	304.7	305.2	0.1	4.7	999.9	999.
15.5	44.0	4251.5	591.0	-10.9	-40.3	999.9	99.9	99.9	99.9	304.8	305.5	0.2	6.7	999.9	999.
15.9	45.0	4356.0	583.0	-11.9	-39.3	999.9	99.9	99.9	99.9	304.8	305.6	0.2	8.1	999.9	999.
16.3	46.0	4474.9	574.0	-12.6	-38.5	999.9	99.9	99.9	99.9	305.4	306.2	0.2	9.3	999.9	999.
16.7	47.0	4581.8	566.0	-13.9	-38.2	999.9	99.9	99.9	99.9	305.1	306.0	0.2	10.6	999.9	999.
17.1	48.0	4689.7	558.0	-15.1	-39.1	999.9	99.9	99.9	99.9	304.9	305.7	0.2	10.7	999.9	999.
17.5	49.0	4812.5	549.0	-15.5	-41.7	999.9	99.9	99.9	99.9	305.8	306.4	0.2	8.4	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 486  
FORT TOTTEN, N Y

5 FEBRUARY 1975  
2315 GMT

152 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	PANGE KM	AZ DG
18.0	50.0	4923.0	541.0	-16.8	-37.3	999.9	99.9	99.9	99.9	305.6	306.6	0.3	15.3	999.9	999.
18.5	51.0	5062.8	531.0	-17.9	-36.4	999.9	99.9	99.9	99.9	305.9	307.0	0.3	17.9	999.9	999.
18.9	52.0	5176.1	523.0	-19.1	-35.5	999.9	99.9	99.9	99.9	305.8	307.0	0.3	21.7	999.9	999.
19.3	53.0	5290.6	515.0	-19.9	-29.9	999.9	99.9	99.9	99.9	306.2	308.2	0.6	40.3	999.9	999.
19.7	54.0	5406.6	507.0	-20.7	-25.5	999.9	99.9	99.9	99.9	306.7	309.6	0.9	64.9	999.9	999.
20.2	55.0	5524.1	499.0	-21.5	-25.2	999.9	99.9	99.9	99.9	307.1	310.2	1.0	72.1	999.9	999.
20.6	56.0	5673.2	489.0	-22.4	-25.3	999.9	99.9	99.9	99.9	307.7	310.9	1.0	77.5	999.9	999.
21.0	57.0	5778.9	482.0	-23.6	-25.3	999.9	99.9	99.9	99.9	307.5	310.7	1.0	85.6	999.9	999.
21.4	58.0	5901.0	474.0	-24.8	-25.9	999.9	99.9	99.9	99.9	307.5	310.6	1.0	90.4	999.9	999.
21.7	59.0	6009.0	467.0	-25.9	-26.2	999.9	99.9	99.9	99.9	307.5	310.6	1.0	97.4	999.9	999.
22.0	60.0	6134.0	459.0	-26.8	-27.0	999.9	99.9	99.9	99.9	307.9	310.8	0.9	98.1	999.9	999.
22.3	61.0	6244.8	452.0	-27.6	-27.6	999.9	99.9	99.9	99.9	308.3	311.0	0.9	99.7	999.9	999.
22.6	62.0	6356.8	445.0	-29.0	-30.1	999.9	99.9	99.9	99.9	307.8	310.1	0.7	90.4	999.9	999.
23.0	63.0	6470.1	438.0	-29.7	-35.0	999.9	99.9	99.9	99.9	308.3	309.8	0.4	59.1	999.9	999.
23.5	64.0	6584.9	431.0	-30.2	-40.5	999.9	99.9	99.9	99.9	309.1	309.9	0.3	35.5	999.9	999.
23.9	65.0	6701.2	424.0	-31.2	-43.0	999.9	99.9	99.9	99.9	309.2	309.9	0.2	30.0	999.9	999.
24.4	66.0	6853.0	415.0	-32.1	-46.0	999.9	99.9	99.9	99.9	309.9	310.4	0.1	23.6	999.9	999.
24.8	67.0	6972.9	408.0	-32.7	-50.7	999.9	99.9	99.9	99.9	310.7	311.0	0.1	14.5	999.9	999.
25.3	68.0	7077.2	402.0	-33.1	-49.8	999.9	99.9	99.9	99.9	311.5	311.9	0.1	16.6	999.9	999.
25.8	69.0	7200.6	395.0	-33.7	-50.6	999.9	99.9	99.9	99.9	312.2	312.6	0.1	16.1	999.9	999.
26.2	70.0	7325.9	388.0	-34.0	-50.3	999.9	99.9	99.9	99.9	313.5	313.8	0.1	17.1	999.9	999.
26.7	71.0	7471.8	380.0	-34.4	-50.7	999.9	99.9	99.9	99.9	314.9	315.2	0.1	17.6	999.9	999.
27.2	72.0	7582.9	374.0	-35.3	-50.7	999.9	99.9	99.9	99.9	315.1	315.4	0.1	18.7	999.9	999.
27.6	73.0	7714.3	367.0	-36.2	-51.5	999.9	99.9	99.9	99.9	315.5	315.9	0.1	18.7	999.9	999.
28.0	74.0	7828.5	361.0	-37.0	-52.1	999.9	99.9	99.9	99.9	316.0	316.3	0.1	18.8	999.9	999.
28.5	75.0	7944.2	355.0	-37.9	-52.5	999.9	99.9	99.9	99.9	316.2	316.5	0.1	19.8	999.9	999.
28.9	76.0	8061.4	349.0	-39.1	-53.1	999.9	99.9	99.9	99.9	316.2	316.4	0.1	20.7	999.9	999.
29.3	77.0	8180.0	343.0	-40.1	99.9	999.9	99.9	99.9	99.9	316.6	999.9	99.9	999.9	999.9	999.
29.7	78.0	8300.2	337.0	-41.4	99.9	999.9	99.9	99.9	99.9	316.3	999.9	99.9	999.9	999.9	999.
30.1	79.0	8421.9	331.0	-42.2	99.9	999.9	99.9	99.9	99.9	316.8	999.9	99.9	999.9	999.9	999.
30.5	80.0	8545.3	325.0	-43.5	99.9	999.9	99.9	99.9	99.9	316.8	999.9	99.9	999.9	999.9	999.
31.0	81.0	8691.3	318.0	-44.8	99.9	999.9	99.9	99.9	99.9	316.8	999.9	99.9	999.9	999.9	999.
31.4	82.0	8818.4	312.0	-46.0	99.9	999.9	99.9	99.9	99.9	317.0	999.9	99.9	999.9	999.9	999.
31.8	83.0	8947.5	306.0	-46.5	99.9	999.9	99.9	99.9	99.9	318.0	999.9	99.9	999.9	999.9	999.
32.2	84.0	9056.6	301.0	-47.5	99.9	999.9	99.9	99.9	99.9	318.1	999.9	99.9	999.9	999.9	999.
32.6	85.0	9189.4	295.0	-48.4	99.9	999.9	99.9	99.9	99.9	318.7	999.9	99.9	999.9	999.9	999.
33.2	86.0	9324.3	289.0	-49.5	99.9	999.9	99.9	99.9	99.9	318.9	999.9	99.9	999.9	999.9	999.
33.5	87.0	9461.4	283.0	-50.6	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.
34.0	88.0	9577.4	278.0	-51.8	99.9	999.9	99.9	99.9	99.9	319.3	999.9	99.9	999.9	999.9	999.
34.4	89.0	9694.8	273.0	-52.8	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.
34.8	90.0	9813.9	268.0	-53.6	99.9	999.9	99.9	99.9	99.9	320.0	999.9	99.9	999.9	999.9	999.
35.3	91.0	9934.6	263.0	-54.8	99.9	999.9	99.9	99.9	99.9	319.9	999.9	99.9	999.9	999.9	999.
35.8	92.0	10082.0	257.0	-55.5	99.9	999.9	99.9	99.9	99.9	321.1	999.9	99.9	999.9	999.9	999.
36.2	93.0	10207.0	252.0	-56.3	99.9	999.9	99.9	99.9	99.9	321.7	999.9	99.9	999.9	999.9	999.
36.6	94.0	10308.6	248.0	-56.7	99.9	999.9	99.9	99.9	99.9	322.5	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

5 FEBRUARY 1975  
2315 GMT

152 31. 0

TIME MIN	CNTST	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.1	95.0	10437.6	243.0	-57.1	99.9	999.9	99.9	99.9	99.9	323.9	999.9	99.9	999.9	999.9	999.9
37.6	96.0	10595.5	237.0	-57.9	99.9	999.9	99.9	99.9	99.9	324.9	999.9	99.9	999.9	999.9	999.9
38.1	97.0	10729.8	232.0	-58.4	99.9	999.9	99.9	99.9	99.9	326.2	999.9	99.9	999.9	999.9	999.9
38.5	98.0	10839.0	228.0	-59.2	99.9	999.9	99.9	99.9	99.9	326.5	999.9	99.9	999.9	999.9	999.9
38.9	99.0	10978.8	223.0	-56.7	99.9	999.9	99.9	99.9	99.9	332.4	999.9	99.9	999.9	999.9	999.9
39.3	100.0	11094.0	219.0	-54.8	99.9	999.9	99.9	99.9	99.9	337.1	999.9	99.9	999.9	999.9	999.9
39.8	101.0	11271.7	213.0	-54.8	99.9	999.9	99.9	99.9	99.9	339.8	999.9	99.9	999.9	999.9	999.9
40.1	102.0	11392.9	209.0	-55.0	99.9	999.9	99.9	99.9	99.9	341.4	999.9	99.9	999.9	999.9	999.9
40.5	103.0	11547.1	204.0	-56.3	99.9	999.9	99.9	99.9	99.9	341.8	999.9	99.9	999.9	999.9	999.9
41.0	104.0	11672.8	200.0	-56.9	99.9	999.9	99.9	99.9	99.9	342.7	999.9	99.9	999.9	999.9	999.9
41.5	105.0	11800.4	196.0	-57.9	99.9	999.9	99.9	99.9	99.9	343.1	999.9	99.9	999.9	999.9	999.9
41.9	106.0	11930.3	192.0	-58.4	99.9	999.9	99.9	99.9	99.9	344.3	999.9	99.9	999.9	999.9	999.9
42.3	107.0	12062.7	188.0	-58.4	99.9	999.9	99.9	99.9	99.9	346.4	999.9	99.9	999.9	999.9	999.9
42.8	108.0	12198.3	184.0	-57.6	99.9	999.9	99.9	99.9	99.9	349.9	999.9	99.9	999.9	999.9	999.9
43.3	109.0	12337.1	180.0	-57.4	99.9	999.9	99.9	99.9	99.9	352.4	999.9	99.9	999.9	999.9	999.9
43.7	110.0	12479.0	176.0	-57.9	99.9	999.9	99.9	99.9	99.9	353.8	999.9	99.9	999.9	999.9	999.9
44.3	111.0	12661.2	171.0	-56.7	99.9	999.9	99.9	99.9	99.9	358.6	999.9	99.9	999.9	999.9	999.9
44.8	112.0	12810.8	167.0	-57.9	99.9	999.9	99.9	99.9	99.9	359.2	999.9	99.9	999.9	999.9	999.9
45.3	113.0	12925.0	164.0	-58.4	99.9	999.9	99.9	99.9	99.9	360.2	999.9	99.9	999.9	999.9	999.9
45.8	114.0	13080.0	160.0	-59.2	99.9	999.9	99.9	99.9	99.9	361.3	999.9	99.9	999.9	999.9	999.9
46.3	115.0	13238.6	156.0	-59.6	99.9	999.9	99.9	99.9	99.9	363.4	999.9	99.9	999.9	999.9	999.9
46.9	116.0	13400.9	152.0	-59.7	99.9	999.9	99.9	99.9	99.9	365.5	999.9	99.9	999.9	999.9	999.9
47.4	117.0	13567.5	148.0	-59.9	99.9	999.9	99.9	99.9	99.9	368.3	999.9	99.9	999.9	999.9	999.9
47.9	118.0	13695.4	145.0	-59.9	99.9	999.9	99.9	99.9	99.9	370.5	999.9	99.9	999.9	999.9	999.9
48.4	119.0	13870.3	141.0	-59.6	99.9	999.9	99.9	99.9	99.9	374.0	999.9	99.9	999.9	999.9	999.9
48.9	120.0	14004.7	138.0	-59.9	99.9	999.9	99.9	99.9	99.9	375.7	999.9	99.9	999.9	999.9	999.9
49.4	121.0	14142.0	135.0	-60.1	99.9	999.9	99.9	99.9	99.9	377.8	999.9	99.9	999.9	999.9	999.9
49.9	122.0	14281.7	132.0	-61.6	99.9	999.9	99.9	99.9	99.9	377.4	999.9	99.9	999.9	999.9	999.9
50.4	123.0	14472.2	128.0	-62.0	99.9	999.9	99.9	99.9	99.9	380.1	999.9	99.9	999.9	999.9	999.9
50.9	124.0	14618.7	125.0	-62.4	99.9	999.9	99.9	99.9	99.9	382.1	999.9	99.9	999.9	999.9	999.9
51.5	125.0	14768.8	122.0	-62.2	99.9	999.9	99.9	99.9	99.9	385.1	999.9	99.9	999.9	999.9	999.9
52.2	126.0	14975.1	118.0	-61.5	99.9	999.9	99.9	99.9	99.9	390.1	999.9	99.9	999.9	999.9	999.9
52.7	127.0	15134.7	115.0	-61.6	99.9	999.9	99.9	99.9	99.9	392.6	999.9	99.9	999.9	999.9	999.9
53.2	128.0	15298.1	112.0	-62.7	99.9	999.9	99.9	99.9	99.9	393.6	999.9	99.9	999.9	999.9	999.9
53.8	129.0	15465.3	109.0	-63.1	99.9	999.9	99.9	99.9	99.9	396.0	999.9	99.9	999.9	999.9	999.9
54.2	130.0	15636.9	106.0	-63.3	99.9	999.9	99.9	99.9	99.9	398.8	999.9	99.9	999.9	999.9	999.9
54.9	131.0	15813.3	103.0	-63.6	99.9	999.9	99.9	99.9	99.9	401.4	999.9	99.9	999.9	999.9	999.9
55.5	132.0	15994.0	100.0	-65.1	99.9	999.9	99.9	99.9	99.9	401.9	999.9	99.9	999.9	999.9	999.9
56.0	133.0	16179.5	97.0	-65.3	99.9	999.9	99.9	99.9	99.9	405.0	999.9	99.9	999.9	999.9	999.9
56.6	134.0	16370.1	94.0	-66.7	99.9	999.9	99.9	99.9	99.9	406.0	999.9	99.9	999.9	999.9	999.9
57.2	135.0	16500.6	92.0	-65.5	99.9	999.9	99.9	99.9	99.9	410.8	999.9	99.9	999.9	999.9	999.9
57.9	136.0	16771.8	88.0	-64.2	99.9	999.9	99.9	99.9	99.9	418.7	999.9	99.9	999.9	999.9	999.9
58.6	137.0	16984.2	85.0	-63.8	99.9	999.9	99.9	99.9	99.9	423.7	999.9	99.9	999.9	999.9	999.9
59.3	138.0	17204.5	82.0	-64.0	99.9	999.9	99.9	99.9	99.9	427.7	999.9	99.9	999.9	999.9	999.9
60.0	139.0	17432.4	79.0	-64.8	99.9	999.9	99.9	99.9	99.9	430.7	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

5 FEBRUARY 1975  
2315 GMT

152 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.7	140.0	17667.7	76.0	-66.5	99.9	999.9	99.9	99.9	99.9	431.9	999.9	99.9	999.9	999.9	999.
61.5	141.0	17911.4	73.0	-66.7	99.9	999.9	99.9	99.9	99.9	436.4	999.9	99.9	999.9	999.9	999.
62.4	142.0	18165.0	70.0	-66.9	99.9	999.9	99.9	99.9	99.9	441.3	999.9	99.9	999.9	999.9	999.
63.2	143.0	18429.4	67.0	-67.3	99.9	999.9	99.9	99.9	99.9	446.0	999.9	99.9	999.9	999.9	999.
64.1	144.0	18705.5	64.0	-67.5	99.9	999.9	99.9	99.9	99.9	451.4	999.9	99.9	999.9	999.9	999.
65.0	145.0	18994.7	61.0	-67.5	99.9	999.9	99.9	99.9	99.9	457.7	999.9	99.9	999.9	999.9	999.
65.9	146.0	19298.6	58.0	-67.3	99.9	999.9	99.9	99.9	99.9	464.8	999.9	99.9	999.9	999.9	999.
66.9	147.0	19619.9	55.0	-65.9	99.9	999.9	99.9	99.9	99.9	475.1	999.9	99.9	999.9	999.9	999.
67.9	148.0	19845.2	53.0	-65.1	99.9	999.9	99.9	99.9	99.9	481.9	999.9	99.9	999.9	999.9	999.
69.0	149.0	20199.6	50.0	-65.9	99.9	999.9	99.9	99.9	99.9	488.2	999.9	99.9	999.9	999.9	999.
70.0	150.0	20573.5	47.0	-67.7	99.9	999.9	99.9	99.9	99.9	492.6	999.9	99.9	999.9	999.9	999.
71.2	151.0	20969.7	44.0	-68.5	99.9	999.9	99.9	99.9	99.9	500.0	999.9	99.9	999.9	999.9	999.
72.5	152.0	21247.9	42.0	-69.4	99.9	999.9	99.9	99.9	99.9	504.6	999.9	99.9	999.9	999.9	999.
73.8	153.0	21691.9	39.0	-67.9	99.9	999.9	99.9	99.9	99.9	519.1	999.9	99.9	999.9	999.9	999.
75.2	154.0	22176.6	36.0	-65.0	99.9	999.9	99.9	99.9	99.9	538.8	999.9	99.9	999.9	999.9	999.
76.7	155.0	22707.0	33.0	-65.1	99.9	999.9	99.9	99.9	99.9	551.8	999.9	99.9	999.9	999.9	999.
78.0	156.0	23087.9	31.0	-65.1	99.9	999.9	99.9	99.9	99.9	561.8	999.9	99.9	999.9	999.9	999.

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
515 GMT

152 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	8.0	1004.3	1.1	0.1	999.9	99.9	99.9	99.9	274.4	284.2	3.8	93.0	999.9	999.
0.2	6.0	90.9	994.0	0.5	-1.0	999.9	99.9	99.9	99.9	274.6	283.8	3.6	89.8	999.9	999.
0.5	7.0	188.3	982.0	-0.3	-0.5	999.9	99.9	99.9	99.9	274.8	284.5	3.8	99.8	999.9	999.
0.9	8.0	286.8	970.0	-0.8	-0.8	999.9	99.9	99.9	99.9	275.2	284.8	3.7	100.3	999.9	999.
1.2	9.0	377.9	959.0	-0.9	-0.9	999.9	99.9	99.9	99.9	276.0	285.5	3.7	100.2	999.9	999.
1.6	10.0	470.0	948.0	-1.7	-1.7	999.9	99.9	99.9	99.9	276.1	285.2	3.6	100.1	999.9	999.
2.0	11.0	588.8	934.0	-0.6	-0.6	999.9	99.9	99.9	99.9	278.4	288.5	3.9	100.3	999.9	999.
2.4	12.0	692.4	922.0	0.2	0.2	999.9	99.9	99.9	99.9	280.3	291.2	4.2	100.4	999.9	999.
2.7	13.0	788.8	911.0	0.2	0.2	999.9	99.9	99.9	99.9	281.3	292.4	4.3	100.4	999.9	999.
3.1	14.0	886.3	900.0	0.2	0.2	999.9	99.9	99.9	99.9	282.3	293.5	4.3	100.4	999.9	999.
3.4	15.0	984.9	889.0	-0.1	-0.1	999.9	99.9	99.9	99.9	282.9	294.1	4.3	100.4	999.9	999.
3.9	16.0	1103.1	876.0	0.2	0.2	999.9	99.9	99.9	99.9	284.5	296.1	4.4	100.4	999.9	999.
4.3	17.0	1204.6	865.0	0.4	0.4	999.9	99.9	99.9	99.9	285.7	297.7	4.5	100.4	999.9	999.
4.6	18.0	1307.4	854.0	0.4	0.4	999.9	99.9	99.9	99.9	286.7	298.9	4.6	100.4	999.9	999.
5.0	19.0	1411.6	843.0	0.4	0.4	999.9	99.9	99.9	99.9	287.8	300.2	4.7	100.4	999.9	999.
5.4	20.0	1507.4	833.0	0.2	0.2	999.9	99.9	99.9	99.9	288.6	301.1	4.7	100.4	999.9	999.
5.9	21.0	1633.6	820.0	-0.3	-0.3	999.9	99.9	99.9	99.9	289.4	301.7	4.6	100.3	999.9	999.
6.3	22.0	1741.8	809.0	-0.5	-0.5	999.9	99.9	99.9	99.9	290.3	302.7	4.6	100.3	999.9	999.
6.8	23.0	1841.4	799.0	-0.8	-0.8	999.9	99.9	99.9	99.9	291.0	303.3	4.5	100.3	999.9	999.
7.3	24.0	1942.0	789.0	-1.3	-1.3	999.9	99.9	99.9	99.9	291.5	303.6	4.4	100.2	999.9	999.
7.7	25.0	2043.8	779.0	-1.4	-1.4	999.9	99.9	99.9	99.9	292.4	304.5	4.4	100.2	999.9	999.
8.3	26.0	2178.2	766.0	-1.3	-1.3	999.9	99.9	99.9	99.9	294.0	306.5	4.6	100.2	999.9	999.
8.7	27.0	2283.1	756.0	-1.4	-1.4	999.9	99.9	99.9	99.9	294.9	307.5	4.6	100.2	999.9	999.
9.1	28.0	2389.3	746.0	-1.7	-1.7	999.9	99.9	99.9	99.9	295.7	308.2	4.5	100.1	999.9	999.
9.4	29.0	2486.0	737.0	-2.2	-2.2	999.9	99.9	99.9	99.9	296.2	308.5	4.4	100.1	999.9	999.
9.9	30.0	2594.5	727.0	-3.0	-3.0	999.9	99.9	99.9	99.9	296.5	308.3	4.2	99.9	999.9	999.
10.3	31.0	2704.3	717.0	-3.5	-3.5	999.9	99.9	99.9	99.9	297.1	308.7	4.1	99.9	999.9	999.
10.7	32.0	2804.2	708.0	-4.2	-4.2	999.9	99.9	99.9	99.9	297.3	308.4	3.9	99.7	999.9	999.
11.1	33.0	2905.1	699.0	-5.0	-5.0	999.9	99.9	99.9	99.9	297.5	308.2	3.8	99.6	999.9	999.
11.5	34.0	3018.3	689.0	-5.9	-6.0	999.9	99.9	99.9	99.9	297.7	307.8	3.5	99.0	999.9	999.
11.8	35.0	3121.3	680.0	-6.6	-6.8	999.9	99.9	99.9	99.9	298.0	307.6	3.4	98.9	999.9	999.
12.2	36.0	3248.7	669.0	-7.4	-7.5	999.9	99.9	99.9	99.9	298.5	307.8	3.2	98.8	999.9	999.
12.6	37.0	3366.0	659.0	-8.0	-8.2	999.9	99.9	99.9	99.9	299.1	308.1	3.1	98.7	999.9	999.
12.9	38.0	3472.9	650.0	-8.9	-9.1	999.9	99.9	99.9	99.9	299.3	307.8	3.0	98.1	999.9	999.
13.3	39.0	3568.8	642.0	-9.4	-9.8	999.9	99.9	99.9	99.9	299.7	307.9	2.8	97.3	999.9	999.
13.7	40.0	3690.1	632.0	-10.0	-10.3	999.9	99.9	99.9	99.9	300.3	308.4	2.8	97.9	999.9	999.
14.0	41.0	3813.1	622.0	-10.7	-11.0	999.9	99.9	99.9	99.9	300.9	308.6	2.7	98.3	999.9	999.
14.3	42.0	3925.1	613.0	-11.7	-12.0	999.9	99.9	99.9	99.9	301.0	308.2	2.5	97.7	999.9	999.
14.7	43.0	4038.4	604.0	-12.3	-12.7	999.9	99.9	99.9	99.9	301.6	308.6	2.4	97.1	999.9	999.
15.0	44.0	4140.2	596.0	-13.0	-13.4	999.9	99.9	99.9	99.9	301.9	308.6	2.3	96.8	999.9	999.
15.3	45.0	4256.2	587.0	-13.7	-14.1	999.9	99.9	99.9	99.9	302.4	308.8	2.2	96.0	999.9	999.
15.5	46.0	4360.4	579.0	-14.7	-15.3	999.9	99.9	99.9	99.9	302.4	308.4	2.0	95.5	999.9	999.
16.0	47.0	4465.7	571.0	-15.3	-15.8	999.9	99.9	99.9	99.9	302.9	308.8	1.9	95.4	999.9	999.
16.3	48.0	4572.3	563.0	-15.8	-16.4	999.9	99.9	99.9	99.9	303.5	309.1	1.9	94.9	999.9	999.
16.6	49.0	4680.2	555.0	-16.5	-17.2	999.9	99.9	99.9	99.9	303.9	309.3	1.8	94.2	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
515 GMT

152 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.9	50.0	4789.2	547.0	-17.5	-18.2	999.9	99.9	99.9	99.9	304.0	309.1	1.7	93.5	999.9	999.
17.3	51.0	4927.3	537.0	-18.3	-19.2	999.9	99.9	99.9	99.9	304.6	309.4	1.6	92.6	999.9	999.
17.7	52.0	5039.1	529.0	-20.0	-21.2	999.9	99.9	99.9	99.9	303.8	307.9	1.3	90.5	999.9	999.
18.0	53.0	5151.9	521.0	-21.2	-22.5	999.9	99.9	99.9	99.9	303.7	307.4	1.2	88.7	999.9	999.
18.3	54.0	5265.8	513.0	-22.6	-24.5	999.9	99.9	99.9	99.9	303.4	306.6	1.0	84.4	999.9	999.
18.6	55.0	5366.4	506.0	-24.3	-28.7	999.9	99.9	99.9	99.9	302.4	304.7	0.7	66.4	999.9	999.
19.1	56.0	5511.9	496.0	-24.6	-32.3	999.9	99.9	99.9	99.9	303.8	305.5	0.5	48.1	999.9	999.
19.5	57.0	5615.4	489.0	-24.3	-36.0	999.9	99.9	99.9	99.9	305.4	306.5	0.3	30.8	999.9	999.
19.8	58.0	5735.6	481.0	-24.7	-41.0	999.9	99.9	99.9	99.9	306.3	307.0	0.2	18.9	999.9	999.
20.2	59.0	5842.1	474.0	-25.5	-46.5	999.9	99.9	99.9	99.9	306.6	307.0	0.1	11.8	999.9	999.
20.6	60.0	5950.0	467.0	-25.7	-52.9	999.9	99.9	99.9	99.9	307.6	307.8	0.1	6.4	999.9	999.
21.0	61.0	6075.1	459.0	-26.4	-58.7	999.9	99.9	99.9	99.9	308.3	308.4	0.0	3.0	999.9	999.
21.4	62.0	6186.0	452.0	-26.9	-65.7	999.9	99.9	99.9	99.9	308.9	309.0	0.0	1.2	999.9	999.
21.8	63.0	6298.4	445.0	-27.6	-67.6	999.9	99.9	99.9	99.9	309.5	309.5	0.0	1.0	999.9	999.
22.2	64.0	6412.3	438.0	-28.4	-68.1	999.9	99.9	99.9	99.9	309.9	309.9	0.0	1.0	999.9	999.
22.6	65.0	6527.7	431.0	-28.9	-68.4	999.9	99.9	99.9	99.9	310.7	310.7	0.0	1.0	999.9	999.
23.0	66.0	6661.6	423.0	-29.5	-68.9	999.9	99.9	99.9	99.9	311.5	311.5	0.0	1.0	999.9	999.
23.5	67.0	6780.4	416.0	-30.5	-69.5	999.9	99.9	99.9	99.9	311.8	311.8	0.0	1.0	999.9	999.
24.0	68.0	6900.9	409.0	-31.0	-69.9	999.9	99.9	99.9	99.9	312.7	312.7	0.0	1.0	999.9	999.
24.6	69.0	7023.2	402.0	-31.6	-70.2	999.9	99.9	99.9	99.9	313.3	313.4	0.0	1.0	999.9	999.
25.0	70.0	7129.5	396.0	-32.2	-70.6	999.9	99.9	99.9	99.9	314.0	314.0	0.0	1.0	999.9	999.
25.6	71.0	7273.2	388.0	-33.3	-71.4	999.9	99.9	99.9	99.9	314.3	314.3	0.0	1.0	999.9	999.
25.9	72.0	7382.4	382.0	-34.3	-72.0	999.9	99.9	99.9	99.9	314.5	314.5	0.0	1.0	999.9	999.
26.3	73.0	7511.5	375.0	-35.3	-72.7	999.9	99.9	99.9	99.9	314.8	314.8	0.0	1.0	999.9	999.
26.7	74.0	7623.7	369.0	-36.3	-69.7	999.9	99.9	99.9	99.9	315.0	315.0	0.0	1.7	999.9	999.
27.1	75.0	7737.2	363.0	-37.2	-66.5	999.9	99.9	99.9	99.9	315.2	315.3	0.0	3.1	999.9	999.
27.5	76.0	7852.1	357.0	-38.4	-63.5	999.9	99.9	99.9	99.9	315.1	315.2	0.0	5.0	999.9	999.
27.8	77.0	7968.4	351.0	-39.5	-63.4	999.9	99.9	99.9	99.9	315.2	315.3	0.0	5.7	999.9	999.
28.2	78.0	8086.2	345.0	-40.4	99.9	999.9	99.9	99.9	99.9	315.6	999.9	99.9	999.9	999.9	999.
28.6	79.0	8205.5	339.0	-41.6	99.9	999.9	99.9	99.9	99.9	315.5	999.9	99.9	999.9	999.9	999.
29.0	80.0	8326.3	333.0	-42.6	99.9	999.9	99.9	99.9	99.9	315.8	999.9	99.9	999.9	999.9	999.
29.4	81.0	8469.5	326.0	-43.6	99.9	999.9	99.9	99.9	99.9	316.4	999.9	99.9	999.9	999.9	999.
29.8	82.0	8594.2	320.0	-44.4	99.9	999.9	99.9	99.9	99.9	316.9	999.9	99.9	999.9	999.9	999.
30.2	83.0	8720.8	314.0	-45.2	99.9	999.9	99.9	99.9	99.9	317.5	999.9	99.9	999.9	999.9	999.
30.6	84.0	8827.8	309.0	-46.1	99.9	999.9	99.9	99.9	99.9	317.7	999.9	99.9	999.9	999.9	999.
31.0	85.0	8957.9	303.0	-46.9	99.9	999.9	99.9	99.9	99.9	318.3	999.9	99.9	999.9	999.9	999.
31.5	86.0	9090.1	297.0	-48.1	99.9	999.9	99.9	99.9	99.9	318.5	999.9	99.9	999.9	999.9	999.
31.9	87.0	9224.3	291.0	-49.2	99.9	999.9	99.9	99.9	99.9	318.7	999.9	99.9	999.9	999.9	999.
32.2	88.0	9337.8	286.0	-50.1	99.9	999.9	99.9	99.9	99.9	319.0	999.9	99.9	999.9	999.9	999.
32.6	89.0	9475.9	280.0	-51.5	99.9	999.9	99.9	99.9	99.9	319.0	999.9	99.9	999.9	999.9	999.
32.9	90.0	9592.6	275.0	-52.4	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.
33.3	91.0	9711.1	270.0	-53.0	99.9	999.9	99.9	99.9	99.9	320.2	999.9	99.9	999.9	999.9	999.
33.7	92.0	9831.4	265.0	-53.9	99.9	999.9	99.9	99.9	99.9	320.5	999.9	99.9	999.9	999.9	999.
34.1	93.0	9953.5	260.0	-54.6	99.9	999.9	99.9	99.9	99.9	321.3	999.9	99.9	999.9	999.9	999.
34.5	94.0	10077.8	255.0	-54.7	99.9	999.9	99.9	99.9	99.9	322.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
515 GMT

152 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.0	95.0	10204.4	250.0	-55.0	99.9	999.9	99.9	99.9	99.9	324.3	999.9	99.9	999.9	999.9	999.
35.5	96.0	10359.4	244.0	-55.5	99.9	999.9	99.9	99.9	99.9	325.8	999.9	99.9	999.9	999.9	999.
35.9	97.0	10464.8	240.0	-55.7	99.9	999.9	99.9	99.9	99.9	327.1	999.9	99.9	999.9	999.9	999.
36.3	98.0	10599.0	235.0	-55.2	99.9	999.9	99.9	99.9	99.9	329.8	999.9	99.9	999.9	999.9	999.
36.7	99.0	10736.2	230.0	-55.7	99.9	999.9	99.9	99.9	99.9	331.1	999.9	99.9	999.9	999.9	999.
37.1	100.0	10876.1	225.0	-55.8	99.9	999.9	99.9	99.9	99.9	332.9	999.9	99.9	999.9	999.9	999.
37.7	101.0	11019.2	220.0	-55.8	99.9	999.9	99.9	99.9	99.9	335.1	999.9	99.9	999.9	999.9	999.
38.1	102.0	11165.3	215.0	-56.3	99.9	999.9	99.9	99.9	99.9	336.5	999.9	99.9	999.9	999.9	999.
38.5	103.0	11284.5	211.0	-56.7	99.9	999.9	99.9	99.9	99.9	337.9	999.9	99.9	999.9	999.9	999.
38.9	104.0	11406.0	207.0	-56.3	99.9	999.9	99.9	99.9	99.9	340.2	999.9	99.9	999.9	999.9	999.
39.3	105.0	11529.9	203.0	-56.3	99.9	999.9	99.9	99.9	99.9	342.1	999.9	99.9	999.9	999.9	999.
39.9	106.0	11688.3	198.0	-56.3	99.9	999.9	99.9	99.9	99.9	344.6	999.9	99.9	999.9	999.9	999.
40.3	107.0	11818.0	194.0	-56.0	99.9	999.9	99.9	99.9	99.9	347.1	999.9	99.9	999.9	999.9	999.
40.8	108.0	11950.5	190.0	-56.2	99.9	999.9	99.9	99.9	99.9	348.9	999.9	99.9	999.9	999.9	999.
41.3	109.0	12085.7	186.0	-56.2	99.9	999.9	99.9	99.9	99.9	351.1	999.9	99.9	999.9	999.9	999.
41.7	110.0	12223.9	182.0	-56.3	99.9	999.9	99.9	99.9	99.9	353.0	999.9	99.9	999.9	999.9	999.
42.2	111.0	12400.6	177.0	-56.8	99.9	999.9	99.9	99.9	99.9	355.0	999.9	99.9	999.9	999.9	999.
42.7	112.0	12545.3	173.0	-57.1	99.9	999.9	99.9	99.9	99.9	356.8	999.9	99.9	999.9	999.9	999.
43.1	113.0	12693.3	169.0	-57.3	99.9	999.9	99.9	99.9	99.9	358.9	999.9	99.9	999.9	999.9	999.
43.4	114.0	12844.6	165.0	-57.5	99.9	999.9	99.9	99.9	99.9	361.1	999.9	99.9	999.9	999.9	999.
43.8	115.0	12960.4	162.0	-58.1	99.9	999.9	99.9	99.9	99.9	361.9	999.9	99.9	999.9	999.9	999.
44.4	116.0	13157.8	157.0	-58.3	99.9	999.9	99.9	99.9	99.9	364.8	999.9	99.9	999.9	999.9	999.
44.8	117.0	13279.1	154.0	-58.5	99.9	999.9	99.9	99.9	99.9	366.6	999.9	99.9	999.9	999.9	999.
45.3	118.0	13444.7	150.0	-58.1	99.9	999.9	99.9	99.9	99.9	369.9	999.9	99.9	999.9	999.9	999.
45.8	119.0	13571.8	147.0	-58.8	99.9	999.9	99.9	99.9	99.9	370.9	999.9	99.9	999.9	999.9	999.
46.3	120.0	13744.9	143.0	-59.0	99.9	999.9	99.9	99.9	99.9	373.5	999.9	99.9	999.9	999.9	999.
46.8	121.0	13877.7	140.0	-59.5	99.9	999.9	99.9	99.9	99.9	374.9	999.9	99.9	999.9	999.9	999.
47.3	122.0	14059.2	136.0	-59.3	99.9	999.9	99.9	99.9	99.9	378.3	999.9	99.9	999.9	999.9	999.
47.8	123.0	14198.9	133.0	-59.3	99.9	999.9	99.9	99.9	99.9	380.8	999.9	99.9	999.9	999.9	999.
48.4	124.0	14341.6	130.0	-59.8	99.9	999.9	99.9	99.9	99.9	382.3	999.9	99.9	999.9	999.9	999.
48.9	125.0	14487.4	127.0	-60.0	99.9	999.9	99.9	99.9	99.9	384.6	999.9	99.9	999.9	999.9	999.
49.4	126.0	14627.4	123.0	-59.7	99.9	999.9	99.9	99.9	99.9	388.7	999.9	99.9	999.9	999.9	999.
49.9	127.0	14841.6	120.0	-60.4	99.9	999.9	99.9	99.9	99.9	390.2	999.9	99.9	999.9	999.9	999.
50.3	128.0	15052.7	116.0	-60.7	99.9	999.9	99.9	99.9	99.9	393.4	999.9	99.9	999.9	999.9	999.
50.7	129.0	15160.7	114.0	-61.4	99.9	999.9	99.9	99.9	99.9	394.0	999.9	99.9	999.9	999.9	999.
51.3	130.0	15382.1	110.0	-61.6	99.9	999.9	99.9	99.9	99.9	397.7	999.9	99.9	999.9	999.9	999.
51.9	131.0	15553.5	107.0	-61.6	99.9	999.9	99.9	99.9	99.9	400.9	999.9	99.9	999.9	999.9	999.
52.5	132.0	15729.6	104.0	-61.8	99.9	999.9	99.9	99.9	99.9	403.8	999.9	99.9	999.9	999.9	999.
53.0	133.0	15910.4	101.0	-62.7	99.9	999.9	99.9	99.9	99.9	405.5	999.9	99.9	999.9	999.9	999.
53.6	134.0	16095.9	98.0	-63.6	99.9	999.9	99.9	99.9	99.9	407.2	999.9	99.9	999.9	999.9	999.
54.2	135.0	16286.9	95.0	-63.2	99.9	999.9	99.9	99.9	99.9	411.5	999.9	99.9	999.9	999.9	999.
54.8	136.0	16484.1	92.0	-63.4	99.9	999.9	99.9	99.9	99.9	415.0	999.9	99.9	999.9	999.9	999.
55.5	137.0	16687.9	89.0	-63.2	99.9	999.9	99.9	99.9	99.9	419.3	999.9	99.9	999.9	999.9	999.
56.0	138.0	16898.4	86.0	-63.8	99.9	999.9	99.9	99.9	99.9	422.3	999.9	99.9	999.9	999.9	999.
56.6	139.0	17115.3	83.0	-65.3	99.9	999.9	99.9	99.9	99.9	423.5	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
515 GMT

152 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.2	140.0	17339.0	80.0	-66.1	99.9	999.9	99.9	99.9	99.9	426.4	999.9	99.9	999.9	999.9	999.9
57.8	141.0	17570.8	77.0	-66.1	99.9	999.9	99.9	99.9	99.9	431.0	999.9	99.9	999.9	999.9	999.9
58.5	142.0	17812.1	74.0	-65.5	99.9	999.9	99.9	99.9	99.9	437.2	999.9	99.9	999.9	999.9	999.9
59.2	143.0	18064.3	71.0	-64.8	99.9	999.9	99.9	99.9	99.9	444.1	999.9	99.9	999.9	999.9	999.9
60.0	144.0	18329.4	68.0	-62.3	99.9	999.9	99.9	99.9	99.9	454.8	999.9	99.9	999.9	999.9	999.9
60.8	145.0	18607.4	65.0	-63.2	99.9	999.9	99.9	99.9	99.9	458.7	999.9	99.9	999.9	999.9	999.9
61.7	146.0	18857.9	62.0	-63.2	99.9	999.9	99.9	99.9	99.9	465.0	999.9	99.9	999.9	999.9	999.9
62.5	147.0	19202.0	59.0	-64.4	99.9	999.9	99.9	99.9	99.9	469.1	999.9	99.9	999.9	999.9	999.9
63.4	148.0	19520.0	56.0	-65.9	99.9	999.9	99.9	99.9	99.9	472.6	999.9	99.9	999.9	999.9	999.9
64.3	149.0	19853.2	53.0	-67.1	99.9	999.9	99.9	99.9	99.9	477.3	999.9	99.9	999.9	999.9	999.9
65.3	150.0	20085.0	51.0	-67.7	99.9	999.9	99.9	99.9	99.9	481.2	999.9	99.9	999.9	999.9	999.9
66.3	151.0	20450.2	48.0	-67.3	99.9	999.9	99.9	99.9	99.9	490.6	999.9	99.9	999.9	999.9	999.9
67.3	152.0	20839.5	45.0	-67.1	99.9	999.9	99.9	99.9	99.9	500.2	999.9	99.9	999.9	999.9	999.9
68.5	153.0	21255.7	42.0	-67.3	99.9	999.9	99.9	99.9	99.9	509.7	999.9	99.9	999.9	999.9	999.9
69.7	154.0	21550.7	40.0	-66.1	99.9	999.9	99.9	99.9	99.9	519.8	999.9	99.9	999.9	999.9	999.9
71.0	155.0	22023.9	37.0	-65.7	99.9	999.9	99.9	99.9	99.9	532.6	999.9	99.9	999.9	999.9	999.9
72.3	156.0	22537.2	34.0	-66.1	99.9	999.9	99.9	99.9	99.9	544.6	999.9	99.9	999.9	999.9	999.9

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
1115 GMT

160 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	8.0	1000.3	1.7	0.4	999.9	99.9	99.9	99.9	275.3	285.4	3.9	91.0	999.9	999.
0.1	6.0	42.8	996.0	1.9	0.8	999.9	99.9	99.9	99.9	275.9	286.2	4.1	92.6	999.9	999.
0.4	7.0	140.6	984.0	1.4	0.4	999.9	99.9	99.9	99.9	276.3	286.6	4.0	93.5	999.9	999.
0.7	8.0	222.8	974.0	0.7	0.3	999.9	99.9	99.9	99.9	276.5	286.7	4.0	97.0	999.9	999.
1.0	9.0	322.3	962.0	-0.1	-0.2	999.9	99.9	99.9	99.9	276.6	286.6	3.9	99.0	999.9	999.
1.4	10.0	406.0	952.0	-0.6	-0.7	999.9	99.9	99.9	99.9	276.9	286.7	3.8	98.9	999.9	999.
1.8	11.0	515.8	939.0	-1.7	-1.8	999.9	99.9	99.9	99.9	276.9	286.1	3.6	99.0	999.9	999.
2.1	12.0	609.6	928.0	-2.3	-2.4	999.9	99.9	99.9	99.9	277.1	286.1	3.5	99.1	999.9	999.
2.4	13.0	695.7	918.0	-2.9	-3.1	999.9	99.9	99.9	99.9	277.3	286.0	3.3	99.0	999.9	999.
2.8	14.0	791.2	907.0	-3.4	-3.6	999.9	99.9	99.9	99.9	277.8	286.2	3.2	98.7	999.9	999.
3.1	15.0	879.0	897.0	-3.4	-3.6	999.9	99.9	99.9	99.9	278.7	287.3	3.3	98.7	999.9	999.
3.5	16.0	994.8	884.0	-2.3	-2.5	999.9	99.9	99.9	99.9	281.0	290.5	3.6	98.6	999.9	999.
3.8	17.0	1094.2	873.0	-2.8	-3.0	999.9	99.9	99.9	99.9	281.5	290.8	3.5	98.6	999.9	999.
4.2	18.0	1195.2	862.0	-1.4	-1.5	999.9	99.9	99.9	99.9	284.1	294.6	4.0	99.0	999.9	999.
4.5	19.0	1288.2	852.0	-1.8	-2.3	999.9	99.9	99.9	99.9	284.5	294.6	3.8	96.6	999.9	999.
4.9	20.0	1382.3	842.0	-1.7	-3.0	999.9	99.9	99.9	99.9	285.6	295.4	3.7	90.9	999.9	999.
5.2	21.0	1496.6	830.0	-1.7	-3.4	999.9	99.9	99.9	99.9	286.8	296.4	3.6	87.7	999.9	999.
5.5	22.0	1593.2	820.0	-2.0	-4.3	999.9	99.9	99.9	99.9	287.4	296.6	3.4	84.3	999.9	999.
5.9	23.0	1690.9	810.0	-1.7	-4.2	999.9	99.9	99.9	99.9	288.8	298.2	3.5	82.6	999.9	999.
6.2	24.0	1789.9	800.0	-1.5	-6.0	999.9	99.9	99.9	99.9	289.9	298.3	3.1	71.4	999.9	999.
6.5	25.0	1880.0	791.0	-1.7	-6.1	999.9	99.9	99.9	99.9	290.7	299.2	3.1	71.9	999.9	999.
7.0	26.0	2001.7	779.0	-2.3	-6.6	999.9	99.9	99.9	99.9	291.3	299.6	3.0	72.4	999.9	999.
7.3	27.0	2104.3	769.0	-2.6	-7.1	999.9	99.9	99.9	99.9	292.0	300.2	2.9	71.2	999.9	999.
7.6	28.0	2197.6	760.0	-3.4	-7.5	999.9	99.9	99.9	99.9	292.1	299.9	2.8	70.8	999.9	999.
8.0	29.0	2302.4	750.0	-3.9	-8.3	999.9	99.9	99.9	99.9	292.7	300.4	2.7	71.1	999.9	999.
8.4	30.0	2397.7	741.0	-4.3	-9.6	999.9	99.9	99.9	99.9	293.2	300.3	2.5	66.7	999.9	999.
8.7	31.0	2493.9	732.0	-4.8	-10.7	999.9	99.9	99.9	99.9	293.7	300.3	2.3	62.9	999.9	999.
9.1	32.0	2602.1	722.0	-5.2	-12.2	999.9	99.9	99.9	99.9	294.3	300.3	2.1	58.0	999.9	999.
9.4	33.0	2700.6	713.0	-5.5	-14.2	999.9	99.9	99.9	99.9	295.0	300.2	1.8	50.4	999.9	999.
10.0	34.0	2800.1	704.0	-6.4	-15.3	999.9	99.9	99.9	99.9	295.1	299.9	1.6	49.2	999.9	999.
10.3	35.0	2900.6	695.0	-7.2	-15.3	999.9	99.9	99.9	99.9	295.3	300.2	1.7	52.0	999.9	999.
10.5	36.0	3024.8	684.0	-8.1	-15.7	999.9	99.9	99.9	99.9	295.7	300.5	1.6	54.2	999.9	999.
10.9	37.0	3127.7	675.0	-8.4	-17.4	999.9	99.9	99.9	99.9	296.5	300.7	1.4	47.8	999.9	999.
11.2	38.0	3220.1	667.0	-9.1	-18.9	999.9	99.9	99.9	99.9	296.6	300.5	1.3	44.7	999.9	999.
11.6	39.0	3325.1	658.0	-10.0	-19.4	999.9	99.9	99.9	99.9	296.8	300.6	1.3	46.0	999.9	999.
11.9	40.0	3419.3	650.0	-11.0	-19.7	999.9	99.9	99.9	99.9	296.7	300.4	1.2	48.1	999.9	999.
12.3	41.0	3550.2	639.0	-12.1	-20.4	999.9	99.9	99.9	99.9	296.8	300.4	1.2	50.0	999.9	999.
12.7	42.0	3646.5	631.0	-12.8	-22.8	999.9	99.9	99.9	99.9	297.1	300.0	1.0	42.5	999.9	999.
13.0	43.0	3755.9	622.0	-13.5	-31.9	999.9	99.9	99.9	99.9	297.4	298.8	0.4	19.4	999.9	999.
13.4	44.0	3854.3	614.0	-14.1	-52.0	999.9	99.9	99.9	99.9	297.8	298.0	0.0	2.3	999.9	999.
13.7	45.0	3953.7	606.0	-14.5	-57.5	999.9	99.9	99.9	99.9	298.5	298.6	0.0	1.2	999.9	999.
14.1	46.0	4054.3	598.0	-15.3	-59.6	999.9	99.9	99.9	99.9	298.6	298.7	0.0	1.0	999.9	999.
14.5	47.0	4155.7	590.0	-16.6	-60.4	999.9	99.9	99.9	99.9	298.4	298.4	0.0	1.0	999.9	999.
14.8	48.0	4258.2	582.0	-17.2	-57.2	999.9	99.9	99.9	99.9	298.7	298.8	0.0	1.6	999.9	999.
15.2	49.0	4361.7	574.0	-18.3	-60.5	999.9	99.9	99.9	99.9	298.6	298.7	0.0	1.2	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
1115 GMT

160 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.6	50.0	4466.3	566.0	-19.3	-60.3	999.9	99.9	99.9	99.9	298.7	298.8	0.0	1.3	999.9	999.
16.0	51.0	4585.3	557.0	-20.1	-60.2	999.9	99.9	99.9	99.9	299.1	299.2	0.0	1.4	999.9	999.
16.4	52.0	4652.4	549.0	-20.8	-60.2	999.9	99.9	99.9	99.9	299.6	299.6	0.0	1.5	999.9	999.
16.7	53.0	4800.6	541.0	-22.0	-47.3	999.9	99.9	99.9	99.9	299.4	299.7	0.1	7.9	999.9	999.
17.1	54.0	4896.5	534.0	-22.0	-53.1	999.9	99.9	99.9	99.9	300.5	300.7	0.0	4.0	999.9	999.
17.5	55.0	5007.5	526.0	-21.8	-63.8	999.9	99.9	99.9	99.9	302.0	302.0	0.0	1.0	999.9	999.
17.9	56.0	5134.5	517.0	-22.1	-64.0	999.9	99.9	99.9	99.9	303.1	303.2	0.0	1.0	999.9	999.
18.2	57.0	5234.7	510.0	-22.5	-64.3	999.9	99.9	99.9	99.9	303.8	303.9	0.0	1.0	999.9	999.
18.6	58.0	5350.5	502.0	-23.6	-65.0	999.9	99.9	99.9	99.9	303.9	304.0	0.0	1.0	999.9	999.
19.0	59.0	5453.0	495.0	-24.5	-65.6	999.9	99.9	99.9	99.9	304.0	304.0	0.0	1.0	999.9	999.
19.3	60.0	5556.5	488.0	-25.4	-66.2	999.9	99.9	99.9	99.9	304.1	304.1	0.0	1.0	999.9	999.
19.7	61.0	5661.2	481.0	-26.1	-66.6	999.9	99.9	99.9	99.9	304.6	304.6	0.0	1.0	999.9	999.
20.2	62.0	5767.3	475.0	-26.5	-66.9	999.9	99.9	99.9	99.9	305.3	305.4	0.0	1.0	999.9	999.
20.6	63.0	5874.6	467.0	-27.3	-67.4	999.9	99.9	99.9	99.9	305.7	305.7	0.0	1.0	999.9	999.
21.0	64.0	5983.3	460.0	-27.7	-67.5	999.9	99.9	99.9	99.9	306.5	306.5	0.0	1.0	999.9	999.
21.4	65.0	6093.4	453.0	-28.4	-68.1	999.9	99.9	99.9	99.9	306.8	306.9	0.0	1.0	999.9	999.
22.0	66.0	6221.0	445.0	-28.7	-68.3	999.9	99.9	99.9	99.9	308.1	308.1	0.0	1.0	999.9	999.
22.3	67.0	6334.4	438.0	-29.1	-68.6	999.9	99.9	99.9	99.9	309.0	309.0	0.0	1.0	999.9	999.
22.6	68.0	6449.4	431.0	-30.0	-69.2	999.9	99.9	99.9	99.9	309.2	309.3	0.0	1.0	999.9	999.
23.0	69.0	6566.0	424.0	-30.2	-69.3	999.9	99.9	99.9	99.9	310.5	310.5	0.0	1.0	999.9	999.
23.3	70.0	6684.4	417.0	-30.3	-69.4	999.9	99.9	99.9	99.9	311.8	311.9	0.0	1.0	999.9	999.
23.7	71.0	6821.9	409.0	-31.5	-59.9	999.9	99.9	99.9	99.9	312.0	312.1	0.0	4.1	999.9	999.
24.1	72.0	6926.3	403.0	-32.3	-56.9	999.9	99.9	99.9	99.9	312.3	312.5	0.0	6.5	999.9	999.
24.5	73.0	7032.0	397.0	-32.9	-51.8	999.9	99.9	99.9	99.9	312.8	313.1	0.1	12.9	999.9	999.
24.9	74.0	7156.9	390.0	-34.1	-53.7	999.9	99.9	99.9	99.9	312.8	313.1	0.1	11.6	999.9	999.
25.2	75.0	7265.2	384.0	-35.2	-53.8	999.9	99.9	99.9	99.9	312.8	313.1	0.1	12.7	999.9	999.
25.6	76.0	7374.8	378.0	-36.0	-53.8	999.9	99.9	99.9	99.9	313.2	313.4	0.1	13.8	999.9	999.
25.9	77.0	7485.7	372.0	-37.1	-54.1	999.9	99.9	99.9	99.9	313.2	313.4	0.1	14.9	999.9	999.
26.3	78.0	7597.9	366.0	-38.1	-53.8	999.9	99.9	99.9	99.9	313.2	313.5	0.1	17.3	999.9	999.
26.7	79.0	7711.5	360.0	-39.0*	99.9	999.9	99.9	99.9	99.9	313.6	999.9	99.9	999.9	999.9	999.
27.0	80.0	7807.2	355.0	-40.0*	99.9	999.9	99.9	99.9	99.9	313.6	999.9	99.9	999.9	999.9	999.
27.4	81.0	7962.6	347.0	-40.9*	99.9	999.9	99.9	99.9	99.9	314.4	999.9	99.9	999.9	999.9	999.
27.8	82.0	8061.1	342.0	-41.8	99.9	999.9	99.9	99.9	99.9	314.4	999.9	99.9	999.9	999.9	999.
28.2	83.0	8180.8	336.0	-42.6	99.9	999.9	99.9	99.9	99.9	314.9	999.9	99.9	999.9	999.9	999.
28.6	84.0	8281.8	331.0	-43.6	99.9	999.9	99.9	99.9	99.9	314.9	999.9	99.9	999.9	999.9	999.
29.0	85.0	8404.5	325.0	-44.7	99.9	999.9	99.9	99.9	99.9	315.0	999.9	99.9	999.9	999.9	999.
29.4	86.0	8549.9	318.0	-45.6	99.9	999.9	99.9	99.9	99.9	315.8	999.9	99.9	999.9	999.9	999.
29.8	87.0	8655.4	313.0	-46.4	99.9	999.9	99.9	99.9	99.9	316.0	999.9	99.9	999.9	999.9	999.
30.2	88.0	8762.0	308.0	-47.6	99.9	999.9	99.9	99.9	99.9	315.9	999.9	99.9	999.9	999.9	999.
30.5	89.0	8891.9	302.0	-47.9	99.9	999.9	99.9	99.9	99.9	317.3	999.9	99.9	999.9	999.9	999.
30.8	90.0	9002.0	297.0	-48.2	99.9	999.9	99.9	99.9	99.9	318.4	999.9	99.9	999.9	999.9	999.
31.2	91.0	9113.8	292.0	-48.5	99.9	999.9	99.9	99.9	99.9	319.5	999.9	99.9	999.9	999.9	999.
31.6	92.0	9227.3	287.0	-48.9	99.9	999.9	99.9	99.9	99.9	320.4	999.9	99.9	999.9	999.9	999.
31.9	93.0	9342.6	282.0	-49.5	99.9	999.9	99.9	99.9	99.9	321.2	999.9	99.9	999.9	999.9	999.
32.2	94.0	9459.6	277.0	-50.4	99.9	999.9	99.9	99.9	99.9	321.5	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
1115 GMT

160 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.5	95.0	9578.3	272.0	-50.9	99.9	999.9	99.9	99.9	99.9	322.6	999.9	99.9	999.9	999.9	999.
32.9	96.0	9723.3	266.0	-51.3	99.9	999.9	99.9	99.9	99.9	324.0	999.9	99.9	999.9	999.9	999.
33.3	97.0	9846.3	261.0	-52.4	99.9	999.9	99.9	99.9	99.9	324.1	999.9	99.9	999.9	999.9	999.
33.7	98.0	9971.1	256.0	-53.3	99.9	999.9	99.9	99.9	99.9	324.6	999.9	99.9	999.9	999.9	999.
34.0	99.0	10072.6	252.0	-52.9	99.9	999.9	99.9	99.9	99.9	326.7	999.9	99.9	999.9	999.9	999.
34.4	100.0	10202.0	247.0	-52.7	99.9	999.9	99.9	99.9	99.9	328.8	999.9	99.9	999.9	999.9	999.
34.9	101.0	10360.8	241.0	-52.6	99.9	999.9	99.9	99.9	99.9	331.4	999.9	99.9	999.9	999.9	999.
35.3	102.0	10469.0	237.0	-52.4	99.9	999.9	99.9	99.9	99.9	333.2	999.9	99.9	999.9	999.9	999.
35.7	103.0	10606.8	232.0	-52.6	99.9	999.9	99.9	99.9	99.9	335.0	999.9	99.9	999.9	999.9	999.
36.0	104.0	10719.2	228.0	-52.4	99.9	999.9	99.9	99.9	99.9	336.9	999.9	99.9	999.9	999.9	999.
36.4	105.0	10833.7	224.0	-52.4	99.9	999.9	99.9	99.9	99.9	338.6	999.9	99.9	999.9	999.9	999.
36.8	106.0	10979.6	219.0	-52.4	99.9	999.9	99.9	99.9	99.9	340.8	999.9	99.9	999.9	999.9	999.
37.1	107.0	11098.8	215.0	-52.6	99.9	999.9	99.9	99.9	99.9	342.4	999.9	99.9	999.9	999.9	999.
37.5	108.0	11220.1	211.0	-52.6	99.9	999.9	99.9	99.9	99.9	344.2	999.9	99.9	999.9	999.9	999.
37.8	109.0	11343.9	207.0	-52.1	99.9	999.9	99.9	99.9	99.9	346.9	999.9	99.9	999.9	999.9	999.
38.1	110.0	11470.2	203.0	-52.3	99.9	999.9	99.9	99.9	99.9	348.5	999.9	99.9	999.9	999.9	999.
38.6	111.0	11631.5	198.0	-52.4	99.9	999.9	99.9	99.9	99.9	350.8	999.9	99.9	999.9	999.9	999.
38.9	112.0	11763.4	194.0	-52.6	99.9	999.9	99.9	99.9	99.9	352.6	999.9	99.9	999.9	999.9	999.
39.3	113.0	11898.1	190.0	-52.6	99.9	999.9	99.9	99.9	99.9	354.7	999.9	99.9	999.9	999.9	999.
39.7	114.0	12035.3	186.0	-53.5	99.9	999.9	99.9	99.9	99.9	355.4	999.9	99.9	999.9	999.9	999.
40.1	115.0	12174.9	182.0	-54.1	99.9	999.9	99.9	99.9	99.9	356.5	999.9	99.9	999.9	999.9	999.
40.5	116.0	12317.3	178.0	-54.6	99.9	999.9	99.9	99.9	99.9	358.0	999.9	99.9	999.9	999.9	999.
40.9	117.0	12462.8	174.0	-54.6	99.9	999.9	99.9	99.9	99.9	360.4	999.9	99.9	999.9	999.9	999.
41.2	118.0	12611.5	170.0	-55.3	99.9	999.9	99.9	99.9	99.9	361.7	999.9	99.9	999.9	999.9	999.
41.6	119.0	12725.0	167.0	-55.7	99.9	999.9	99.9	99.9	99.9	362.7	999.9	99.9	999.9	999.9	999.
42.0	120.0	12879.4	163.0	-55.7	99.9	999.9	99.9	99.9	99.9	365.3	999.9	99.9	999.9	999.9	999.
42.3	121.0	12997.6	160.0	-55.9	99.9	999.9	99.9	99.9	99.9	366.9	999.9	99.9	999.9	999.9	999.
42.7	122.0	13158.7	156.0	-55.9	99.9	999.9	99.9	99.9	99.9	369.6	999.9	99.9	999.9	999.9	999.
43.0	123.0	13282.1	153.0	-56.4	99.9	999.9	99.9	99.9	99.9	370.8	999.9	99.9	999.9	999.9	999.
43.4	124.0	13449.9	149.0	-57.4	99.9	999.9	99.9	99.9	99.9	371.9	999.9	99.9	999.9	999.9	999.
43.8	125.0	13578.2	146.0	-58.2	99.9	999.9	99.9	99.9	99.9	372.6	999.9	99.9	999.9	999.9	999.
44.2	126.0	13753.1	142.0	-58.2	99.9	999.9	99.9	99.9	99.9	375.6	999.9	99.9	999.9	999.9	999.
44.6	127.0	13932.6	138.0	-59.1	99.9	999.9	99.9	99.9	99.9	377.2	999.9	99.9	999.9	999.9	999.
45.0	128.0	14070.4	135.0	-59.1	99.9	999.9	99.9	99.9	99.9	379.5	999.9	99.9	999.9	999.9	999.
45.4	129.0	14211.2	132.0	-59.5	99.9	999.9	99.9	99.9	99.9	381.4	999.9	99.9	999.9	999.9	999.
45.9	130.0	14355.2	129.0	-59.1	99.9	999.9	99.9	99.9	99.9	384.5	999.9	99.9	999.9	999.9	999.
46.3	131.0	14553.1	125.0	-58.2	99.9	999.9	99.9	99.9	99.9	389.5	999.9	99.9	999.9	999.9	999.
46.7	132.0	14705.9	122.0	-58.4	99.9	999.9	99.9	99.9	99.9	391.9	999.9	99.9	999.9	999.9	999.
47.0	133.0	14862.5	119.0	-58.6	99.9	999.9	99.9	99.9	99.9	394.4	999.9	99.9	999.9	999.9	999.
47.3	134.0	15022.7	116.0	-59.3	99.9	999.9	99.9	99.9	99.9	396.0	999.9	99.9	999.9	999.9	999.
47.7	135.0	15186.7	113.0	-59.6	99.9	999.9	99.9	99.9	99.9	398.4	999.9	99.9	999.9	999.9	999.
48.2	136.0	15354.6	110.0	-60.5	99.9	999.9	99.9	99.9	99.9	399.8	999.9	99.9	999.9	999.9	999.
48.6	137.0	15585.5	106.0	-60.2	99.9	999.9	99.9	99.9	99.9	404.7	999.9	99.9	999.9	999.9	999.
49.0	138.0	15764.4	103.0	-60.7	99.9	999.9	99.9	99.9	99.9	407.0	999.9	99.9	999.9	999.9	999.
49.6	139.0	15948.4	100.0	-60.7	99.9	999.9	99.9	99.9	99.9	410.5	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
1115 GMT

160 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
50.3	140.0	16202.4	96.0	-60.7	99.9	999.9	99.9	99.9	99.9	415.3	999.9	99.9	999.9	999.9	999.9
51.0	141.0	16399.5	93.0	-61.8	99.9	999.9	99.9	99.9	99.9	417.0	999.9	99.9	999.9	999.9	999.9
51.6	142.0	16602.3	90.0	-62.3	99.9	999.9	99.9	99.9	99.9	419.8	999.9	99.9	999.9	999.9	999.9
52.2	143.0	16811.4	87.0	-62.7	99.9	999.9	99.9	99.9	99.9	423.1	999.9	99.9	999.9	999.9	999.9
52.7	144.0	17027.9	84.0	-62.5	99.9	999.9	99.9	99.9	99.9	427.8	999.9	99.9	999.9	999.9	999.9
53.1	145.0	17328.6	80.0	-62.9	99.9	999.9	99.9	99.9	99.9	433.0	999.9	99.9	999.9	999.9	999.9
53.6	146.0	17563.3	77.0	-64.2	99.9	999.9	99.9	99.9	99.9	435.0	999.9	99.9	999.9	999.9	999.9
54.2	147.0	17807.3	74.0	-62.9	99.9	999.9	99.9	99.9	99.9	442.8	999.9	99.9	999.9	999.9	999.9
54.9	148.0	18061.9	71.0	-63.3	99.9	999.9	99.9	99.9	99.9	447.3	999.9	99.9	999.9	999.9	999.9
56.0	149.0	18329.0	68.0	-60.7	99.9	999.9	99.9	99.9	99.9	458.4	999.9	99.9	999.9	999.9	999.9
56.9	150.0	18609.6	65.0	-61.0	99.9	999.9	99.9	99.9	99.9	463.5	999.9	99.9	999.9	999.9	999.9
57.7	151.0	18902.9	62.0	-61.4	99.9	999.9	99.9	99.9	99.9	469.0	999.9	99.9	999.9	999.9	999.9
58.4	152.0	19208.6	59.0	-64.0	99.9	999.9	99.9	99.9	99.9	469.9	999.9	99.9	999.9	999.9	999.9
59.1	153.0	19527.1	56.0	-65.6	99.9	999.9	99.9	99.9	99.9	473.4	999.9	99.9	999.9	999.9	999.9
59.9	154.0	19747.9	54.0	-66.2	99.9	999.9	99.9	99.9	99.9	476.9	999.9	99.9	999.9	999.9	999.9
61.0	155.0	20094.4	51.0	-66.2	99.9	999.9	99.9	99.9	99.9	484.8	999.9	99.9	999.9	999.9	999.9
62.2	156.0	20462.8	48.0	-65.2	99.9	999.9	99.9	99.9	99.9	495.7	999.9	99.9	999.9	999.9	999.9
63.2	157.0	20856.0	45.0	-65.2	99.9	999.9	99.9	99.9	99.9	504.9	999.9	99.9	999.9	999.9	999.9
64.1	158.0	21275.3	42.0	-66.2	99.9	999.9	99.9	99.9	99.9	512.5	999.9	99.9	999.9	999.9	999.9
65.2	159.0	21726.3	39.0	-64.6	99.9	999.9	99.9	99.9	99.9	527.5	999.9	99.9	999.9	999.9	999.9
66.4	160.0	22217.1	36.0	-63.1	99.9	999.9	99.9	99.9	99.9	543.6	999.9	99.9	999.9	999.9	999.9
67.6	161.0	22750.1	33.0	-65.0	99.9	999.9	99.9	99.9	99.9	552.2	999.9	99.9	999.9	999.9	999.9
68.8	162.0	23132.0	31.0	-64.2	99.9	999.9	99.9	99.9	99.9	564.3	999.9	99.9	999.9	999.9	999.9
69.9	163.0	23332.1	30.0	-65.4	99.9	999.9	99.9	99.9	99.9	566.4	999.9	99.9	999.9	999.9	999.9
71.6	164.0	23754.7	28.0	-62.7	99.9	999.9	99.9	99.9	99.9	585.2	999.9	99.9	999.9	999.9	999.9

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
1415 GMT

158 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	8.0	1002.2	4.5	-1.5	999.9	99.9	99.9	99.9	277.9	286.8	3.4	65.0	999.9	999.
0.1	6.0	66.8	995.0	4.8	-3.4	999.9	99.9	99.9	99.9	278.8	286.6	3.0	54.9	999.9	999.
0.3	7.0	165.5	983.0	3.5	-2.0	999.9	99.9	99.9	99.9	278.4	287.2	3.4	67.4	999.9	999.
0.7	8.0	256.7	972.0	2.5	-1.5	999.9	99.9	99.9	99.9	278.3	287.5	3.5	74.9	999.9	999.
1.0	9.0	357.1	960.0	1.7	-0.4	999.9	99.9	99.9	99.9	278.5	288.6	3.9	86.3	999.9	999.
1.3	10.0	449.9	949.0	0.7	-0.9	999.9	99.9	99.9	99.9	278.4	288.2	3.8	89.4	999.9	999.
1.6	11.0	569.2	935.0	-0.1	-1.0	999.9	99.9	99.9	99.9	278.8	288.7	3.8	93.8	999.9	999.
2.0	12.0	664.0	924.0	-0.6	-1.0	999.9	99.9	99.9	99.9	279.3	289.3	3.9	97.4	999.9	999.
2.4	13.0	768.6	912.0	-0.4	-0.9	999.9	99.9	99.9	99.9	280.5	290.7	3.9	96.9	999.9	999.
2.7	14.0	856.8	902.0	-0.9	-1.4	999.9	99.9	99.9	99.9	280.9	290.9	3.8	96.8	999.9	999.
3.0	15.0	954.8	891.0	-1.6	-2.3	999.9	99.9	99.9	99.9	281.2	290.7	3.6	94.6	999.9	999.
3.5	16.0	1081.2	877.0	-0.8	-1.6	999.9	99.9	99.9	99.9	283.3	293.5	3.9	93.9	999.9	999.
3.8	17.0	1182.2	866.0	-0.9	-2.1	999.9	99.9	99.9	99.9	284.1	294.2	3.8	91.6	999.9	999.
4.2	18.0	1274.9	856.0	-1.6	-2.6	999.9	99.9	99.9	99.9	284.4	294.2	3.7	92.3	999.9	999.
4.5	19.0	1378.0	845.0	-1.6	-2.6	999.9	99.9	99.9	99.9	285.5	295.5	3.7	92.7	999.9	999.
4.8	20.0	1472.8	835.0	-2.2	-3.2	999.9	99.9	99.9	99.9	285.8	295.5	3.6	92.6	999.9	999.
5.2	21.0	1597.5	822.0	-2.8	-3.9	999.9	99.9	99.9	99.9	286.4	295.8	3.5	92.4	999.9	999.
5.6	22.0	1694.4	812.0	-3.7	-4.4	999.9	99.9	99.9	99.9	286.4	295.6	3.4	95.3	999.9	999.
6.0	23.0	1802.2	801.0	-4.2	-4.9	999.9	99.9	99.9	99.9	287.0	296.0	3.3	94.5	999.9	999.
6.3	24.0	1901.3	791.0	-4.7	-5.5	999.9	99.9	99.9	99.9	287.5	296.2	3.2	93.6	999.9	999.
6.7	25.0	2001.4	781.0	-5.1	-6.5	999.9	99.9	99.9	99.9	288.0	296.3	3.0	89.7	999.9	999.
7.1	26.0	2123.1	769.0	-5.4	-7.2	999.9	99.9	99.9	99.9	289.0	297.0	2.9	87.2	999.9	999.
7.5	27.0	2225.9	759.0	-5.7	-7.8	999.9	99.9	99.9	99.9	289.7	297.5	2.8	85.3	999.9	999.
7.8	28.0	2329.9	749.0	-6.0	-8.4	999.9	99.9	99.9	99.9	290.5	298.1	2.7	83.4	999.9	999.
8.1	29.0	2435.2	739.0	-6.2	-10.2	999.9	99.9	99.9	99.9	291.4	298.1	2.4	73.2	999.9	999.
8.5	30.0	2531.1	730.0	-6.6	-10.8	999.9	99.9	99.9	99.9	291.9	298.4	2.3	71.8	999.9	999.
8.8	31.0	2638.9	720.0	-6.6	-11.0	999.9	99.9	99.9	99.9	293.1	299.6	2.3	70.7	999.9	999.
9.1	32.0	2737.1	711.0	-7.5	-12.6	999.9	99.9	99.9	99.9	293.1	299.0	2.0	66.9	999.9	999.
9.5	33.0	2847.3	701.0	-8.2	-14.5	999.9	99.9	99.9	99.9	293.4	298.6	1.8	60.4	999.9	999.
9.8	34.0	2947.5	692.0	-9.1	-14.9	999.9	99.9	99.9	99.9	293.6	298.6	1.7	62.7	999.9	999.
10.1	35.0	3048.7	683.0	-9.8	-15.5	999.9	99.9	99.9	99.9	293.8	298.7	1.7	63.2	999.9	999.
10.5	36.0	3185.3	671.0	-11.0	-16.5	999.9	99.9	99.9	99.9	294.0	298.6	1.6	63.8	999.9	999.
10.9	37.0	3288.9	662.0	-11.8	-17.9	999.9	99.9	99.9	99.9	294.2	298.3	1.4	60.5	999.9	999.
11.2	38.0	3393.6	653.0	-12.7	-18.5	999.9	99.9	99.9	99.9	294.4	298.4	1.4	61.5	999.9	999.
11.6	39.0	3499.4	644.0	-13.5	-19.5	999.9	99.9	99.9	99.9	294.6	298.3	1.3	60.7	999.9	999.
12.0	40.0	3606.3	635.0	-14.4	-20.1	999.9	99.9	99.9	99.9	294.8	298.4	1.2	61.6	999.9	999.
12.4	41.0	3726.5	625.0	-15.3	-20.3	999.9	99.9	99.9	99.9	295.0	298.5	1.2	62.6	999.9	999.
12.8	42.0	3836.0	616.0	-15.9	-22.3	999.9	99.9	99.9	99.9	295.6	298.6	1.0	55.3	999.9	999.
13.2	43.0	3946.7	607.0	-16.7	-23.6	999.9	99.9	99.9	99.9	295.9	298.7	0.9	55.1	999.9	999.
13.5	44.0	4046.3	599.0	-17.5	-24.3	999.9	99.9	99.9	99.9	296.0	298.7	0.9	55.1	999.9	999.
13.9	45.0	4159.5	590.0	-18.5	-25.4	999.9	99.9	99.9	99.9	296.2	298.7	0.8	54.4	999.9	999.
14.3	46.0	4261.2	582.0	-19.4	-26.4	999.9	99.9	99.9	99.9	296.2	298.6	0.8	53.7	999.9	999.
14.7	47.0	4363.9	574.0	-20.1	-30.0	999.9	99.9	99.9	99.9	296.6	298.3	0.5	40.5	999.9	999.
15.0	48.0	4467.8	566.0	-20.9	-30.8	999.9	99.9	99.9	99.9	296.8	298.5	0.5	40.5	999.9	999.
15.4	49.0	4586.0	557.0	-22.0	-30.1	999.9	99.9	99.9	99.9	296.9	298.7	0.6	47.4	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
1415 GMT

158 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.8	50.0	4692.3	549.0	-23.1	-29.9	999.9	99.9	99.9	99.9	296.9	298.7	0.6	53.0	999.9	999.
16.3	51.0	4813.1	540.0	-24.1	-29.9	999.9	99.9	99.9	99.9	297.1	298.9	0.6	58.5	999.9	999.
16.6	52.0	4921.9	532.0	-25.0	-30.1	999.9	99.9	99.9	99.9	297.2	299.0	0.6	62.2	999.9	999.
17.0	53.0	5031.8	524.0	-25.8	-30.5	999.9	99.9	99.9	99.9	297.5	299.3	0.6	64.5	999.9	999.
17.3	54.0	5143.0	516.0	-27.0	-33.7	999.9	99.9	99.9	99.9	297.4	298.8	0.4	53.0	999.9	999.
17.7	55.0	5255.6	508.0	-27.4	-67.5	999.9	99.9	99.9	99.9	298.2	298.2	0.0	1.0	999.9	999.
18.2	56.0	5384.1	499.0	-28.1	-67.9	999.9	99.9	99.9	99.9	298.9	299.0	0.0	1.0	999.9	999.
18.5	57.0	5485.4	492.0	-28.6	-68.3	999.9	99.9	99.9	99.9	299.5	299.5	0.0	1.0	999.9	999.
18.9	58.0	5602.7	484.0	-29.1	-68.6	999.9	99.9	99.9	99.9	300.2	300.3	0.0	1.0	999.9	999.
19.3	59.0	5706.8	477.0	-29.3	-68.7	999.9	99.9	99.9	99.9	301.3	301.4	0.0	1.0	999.9	999.
19.6	60.0	5827.5	469.0	-29.5	-68.9	999.9	99.9	99.9	99.9	302.5	302.5	0.0	1.0	999.9	999.
19.9	61.0	5934.8	462.0	-29.7	-68.9	999.9	99.9	99.9	99.9	303.6	303.6	0.0	1.0	999.9	999.
20.3	62.0	6043.6	455.0	-29.9	-65.9	999.9	99.9	99.9	99.9	304.6	304.6	0.0	1.6	999.9	999.
20.7	63.0	6154.0	448.0	-30.2	-63.6	999.9	99.9	99.9	99.9	305.6	305.7	0.0	2.2	999.9	999.
21.0	64.0	6265.9	441.0	-31.0	-60.7	999.9	99.9	99.9	99.9	306.0	306.1	0.0	3.5	999.9	999.
21.4	65.0	6379.3	434.0	-31.5	-59.8	999.9	99.9	99.9	99.9	306.7	306.8	0.0	4.2	999.9	999.
21.8	66.0	6510.8	426.0	-32.2	-60.1	999.9	99.9	99.9	99.9	307.5	307.6	0.0	4.3	999.9	999.
22.1	67.0	6627.6	419.0	-32.7	-59.4	999.9	99.9	99.9	99.9	308.3	308.4	0.0	4.9	999.9	999.
22.5	68.0	6746.1	412.0	-33.5	-59.9	999.9	99.9	99.9	99.9	308.8	308.9	0.0	5.0	999.9	999.
22.8	69.0	6848.9	406.0	-34.2	-60.3	999.9	99.9	99.9	99.9	309.2	309.3	0.0	5.1	999.9	999.
23.2	70.0	6970.5	399.0	-34.8	-62.6	999.9	99.9	99.9	99.9	309.9	310.0	0.0	4.0	999.9	999.
23.6	71.0	7111.7	391.0	-35.5	-67.3	999.9	99.9	99.9	99.9	310.8	310.9	0.0	2.2	999.9	999.
23.9	72.0	7219.2	385.0	-36.3	-65.9	999.9	99.9	99.9	99.9	311.1	311.2	0.0	3.0	999.9	999.
24.3	73.0	7346.5	378.0	-36.4	-64.6	999.9	99.9	99.9	99.9	312.6	312.7	0.0	3.6	999.9	999.
24.6	74.0	7457.2	372.0	-37.2	99.9	999.9	99.9	99.9	99.9	313.1	999.9	99.9	999.9	999.9	999.
25.0	75.0	7569.5	366.0	-37.8	99.9	999.9	99.9	99.9	99.9	313.8	999.9	99.9	999.9	999.9	999.
25.4	76.0	7683.3	360.0	-38.2	99.9	999.9	99.9	99.9	99.9	314.7	999.9	99.9	999.9	999.9	999.
25.7	77.0	7798.9	354.0	-38.6	99.9	999.9	99.9	99.9	99.9	315.7	999.9	99.9	999.9	999.9	999.
26.2	78.0	7936.0	347.0	-39.1	99.9	999.9	99.9	99.9	99.9	316.8	999.9	99.9	999.9	999.9	999.
26.6	79.0	8035.3	342.0	-39.9	99.9	999.9	99.9	99.9	99.9	317.0	999.9	99.9	999.9	999.9	999.
27.1	80.0	8156.0	336.0	-40.6	99.9	999.9	99.9	99.9	99.9	317.7	999.9	99.9	999.9	999.9	999.
27.5	81.0	8299.6	329.0	-40.2	99.9	999.9	99.9	99.9	99.9	320.2	999.9	99.9	999.9	999.9	999.
27.8	82.0	8424.9	323.0	-41.0	99.9	999.9	99.9	99.9	99.9	320.7	999.9	99.9	999.9	999.9	999.
28.2	83.0	8552.1	317.0	-42.0	99.9	999.9	99.9	99.9	99.9	321.1	999.9	99.9	999.9	999.9	999.
28.6	84.0	8659.5	312.0	-43.2	99.9	999.9	99.9	99.9	99.9	320.8	999.9	99.9	999.9	999.9	999.
28.9	85.0	8789.9	306.0	-44.4	99.9	999.9	99.9	99.9	99.9	321.0	999.9	99.9	999.9	999.9	999.
29.4	86.0	8944.5	299.0	-45.8	99.9	999.9	99.9	99.9	99.9	321.1	999.9	99.9	999.9	999.9	999.
29.8	87.0	9056.6	294.0	-46.9	99.9	999.9	99.9	99.9	99.9	321.1	999.9	99.9	999.9	999.9	999.
30.1	88.0	9170.0	289.0	-48.0	99.9	999.9	99.9	99.9	99.9	321.2	999.9	99.9	999.9	999.9	999.
30.5	89.0	9307.9	283.0	-49.3	99.9	999.9	99.9	99.9	99.9	321.2	999.9	99.9	999.9	999.9	999.
30.9	90.0	9424.6	278.0	-50.0	99.9	999.9	99.9	99.9	99.9	321.8	999.9	99.9	999.9	999.9	999.
31.3	91.0	9542.8	273.0	-51.7	99.9	999.9	99.9	99.9	99.9	321.0	999.9	99.9	999.9	999.9	999.
31.6	92.0	9662.6	268.0	-52.2	99.9	999.9	99.9	99.9	99.9	322.1	999.9	99.9	999.9	999.9	999.
32.1	93.0	9784.4	263.0	-52.3	99.9	999.9	99.9	99.9	99.9	323.6	999.9	99.9	999.9	999.9	999.
32.5	94.0	9908.5	258.0	-52.5	99.9	999.9	99.9	99.9	99.9	325.1	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
1415 GMT

158 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.9	95.0	10035.1	253.0	-52.3	99.9	999.9	99.9	99.9	99.9	327.2	999.9	99.9	999.9	999.9	999.
33.4	96.0	10190.6	247.0	-51.6	99.9	999.9	99.9	99.9	99.9	330.6	999.9	99.9	999.9	999.9	999.
33.7	97.0	10323.4	242.0	-51.2	99.9	999.9	99.9	99.9	99.9	333.0	999.9	99.9	999.9	999.9	999.
34.2	98.0	10432.2	238.0	-49.4	99.9	999.9	99.9	99.9	99.9	337.3	999.9	99.9	999.9	999.9	999.
34.6	99.0	10571.8	233.0	-48.0	99.9	999.9	99.9	99.9	99.9	341.6	999.9	99.9	999.9	999.9	999.
34.9	100.0	10714.8	228.0	-48.1	99.9	999.9	99.9	99.9	99.9	343.5	999.9	99.9	999.9	999.9	999.
35.3	101.0	10860.7	223.0	-49.1	99.9	999.9	99.9	99.9	99.9	344.1	999.9	99.9	999.9	999.9	999.
35.7	102.0	11009.4	218.0	-49.4	99.9	999.9	99.9	99.9	99.9	345.9	999.9	99.9	999.9	999.9	999.
36.1	103.0	11130.5	214.0	-50.0	99.9	999.9	99.9	99.9	99.9	346.8	999.9	99.9	999.9	999.9	999.
36.5	104.0	11253.6	210.0	-50.8	99.9	999.9	99.9	99.9	99.9	347.5	999.9	99.9	999.9	999.9	999.
36.9	105.0	11378.9	206.0	-50.8	99.9	999.9	99.9	99.9	99.9	349.4	999.9	99.9	999.9	999.9	999.
37.3	106.0	11538.7	201.0	-51.6	99.9	999.9	99.9	99.9	99.9	350.6	999.9	99.9	999.9	999.9	999.
37.7	107.0	11669.4	197.0	-50.6	99.9	999.9	99.9	99.9	99.9	354.1	999.9	99.9	999.9	999.9	999.
38.1	108.0	11803.5	193.0	-49.4	99.9	999.9	99.9	99.9	99.9	358.1	999.9	99.9	999.9	999.9	999.
38.5	109.0	11940.8	189.0	-49.3	99.9	999.9	99.9	99.9	99.9	360.5	999.9	99.9	999.9	999.9	999.
38.9	110.0	12080.7	185.0	-50.2	99.9	999.9	99.9	99.9	99.9	361.3	999.9	99.9	999.9	999.9	999.
39.4	111.0	12259.5	180.0	-50.6	99.9	999.9	99.9	99.9	99.9	363.4	999.9	99.9	999.9	999.9	999.
39.7	112.0	12405.9	176.0	-50.9	99.9	999.9	99.9	99.9	99.9	365.2	999.9	99.9	999.9	999.9	999.
40.1	113.0	12517.7	173.0	-51.2	99.9	999.9	99.9	99.9	99.9	366.5	999.9	99.9	999.9	999.9	999.
40.5	114.0	12669.4	169.0	-52.3	99.9	999.9	99.9	99.9	99.9	367.2	999.9	99.9	999.9	999.9	999.
40.9	115.0	12824.0	165.0	-53.3	99.9	999.9	99.9	99.9	99.9	368.1	999.9	99.9	999.9	999.9	999.
41.3	116.0	12981.8	161.0	-54.1	99.9	999.9	99.9	99.9	99.9	369.4	999.9	99.9	999.9	999.9	999.
41.7	117.0	13142.9	157.0	-54.9	99.9	999.9	99.9	99.9	99.9	370.7	999.9	99.9	999.9	999.9	999.
42.1	118.0	13307.7	153.0	-55.5	99.9	999.9	99.9	99.9	99.9	372.4	999.9	99.9	999.9	999.9	999.
42.5	119.0	13433.9	150.0	-55.7	99.9	999.9	99.9	99.9	99.9	374.2	999.9	99.9	999.9	999.9	999.
42.9	120.0	13605.8	146.0	-56.3	99.9	999.9	99.9	99.9	99.9	376.0	999.9	99.9	999.9	999.9	999.
43.2	121.0	13737.6	143.0	-56.7	99.9	999.9	99.9	99.9	99.9	377.6	999.9	99.9	999.9	999.9	999.
43.6	122.0	13871.9	140.0	-57.3	99.9	999.9	99.9	99.9	99.9	378.7	999.9	99.9	999.9	999.9	999.
44.0	123.0	14055.1	136.0	-57.3	99.9	999.9	99.9	99.9	99.9	381.9	999.9	99.9	999.9	999.9	999.
44.5	124.0	14196.0	133.0	-57.8	99.9	999.9	99.9	99.9	99.9	383.4	999.9	99.9	999.9	999.9	999.
44.9	125.0	14339.9	130.0	-57.7	99.9	999.9	99.9	99.9	99.9	386.2	999.9	99.9	999.9	999.9	999.
45.5	126.0	14537.3	126.0	-57.3	99.9	999.9	99.9	99.9	99.9	390.3	999.9	99.9	999.9	999.9	999.
45.9	127.0	14689.4	123.0	-58.0	99.9	999.9	99.9	99.9	99.9	391.8	999.9	99.9	999.9	999.9	999.
46.4	128.0	14845.0	120.0	-58.2	99.9	999.9	99.9	99.9	99.9	394.3	999.9	99.9	999.9	999.9	999.
46.8	129.0	15004.2	117.0	-58.7	99.9	999.9	99.9	99.9	99.9	396.2	999.9	99.9	999.9	999.9	999.
47.4	130.0	15167.2	114.0	-59.2	99.9	999.9	99.9	99.9	99.9	398.2	999.9	99.9	999.9	999.9	999.
47.7	131.0	15390.6	110.0	-60.1	99.9	999.9	99.9	99.9	99.9	400.6	999.9	99.9	999.9	999.9	999.
48.1	132.0	15563.6	107.0	-59.0	99.9	999.9	99.9	99.9	99.9	405.8	999.9	99.9	999.9	999.9	999.
48.4	133.0	15742.5	104.0	-57.8	99.9	999.9	99.9	99.9	99.9	411.4	999.9	99.9	999.9	999.9	999.
48.8	134.0	15864.5	102.0	-59.4	99.9	999.9	99.9	99.9	99.9	410.7	999.9	99.9	999.9	999.9	999.
49.3	135.0	16051.0	99.0	-60.4	99.9	999.9	99.9	99.9	99.9	412.2	999.9	99.9	999.9	999.9	999.
49.7	136.0	16307.5	95.0	-61.1	99.9	999.9	99.9	99.9	99.9	415.7	999.9	99.9	999.9	999.9	999.
50.3	137.0	16506.2	92.0	-62.4	99.9	999.9	99.9	99.9	99.9	416.9	999.9	99.9	999.9	999.9	999.
50.9	138.0	16711.3	89.0	-61.5	99.9	999.9	99.9	99.9	99.9	422.8	999.9	99.9	999.9	999.9	999.
51.5	139.0	16923.5	86.0	-62.2	99.9	999.9	99.9	99.9	99.9	425.4	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
1415 GMT

158 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
52.1	140.0	17143.3	83.0	-61.3	99.9	999.9	99.9	99.9	99.9	431.6	999.9	99.9	999.9	999.9	999.
52.7	141.0	17372.1	80.0	-60.6	99.9	999.9	99.9	99.9	99.9	437.7	999.9	99.9	999.9	999.9	999.
53.3	142.0	17610.3	77.0	-60.1	99.9	999.9	99.9	99.9	99.9	443.6	999.9	99.9	999.9	999.9	999.
53.9	143.0	17858.2	74.0	-60.4	99.9	999.9	99.9	99.9	99.9	447.9	999.9	99.9	999.9	999.9	999.
54.4	144.0	18115.6	71.0	-61.1	99.9	999.9	99.9	99.9	99.9	451.8	999.9	99.9	999.9	999.9	999.
55.0	145.0	18383.2	68.0	-61.9	99.9	999.9	99.9	99.9	99.9	455.8	999.9	99.9	999.9	999.9	999.
55.6	146.0	18662.3	65.0	-62.1	99.9	999.9	99.9	99.9	99.9	461.3	999.9	99.9	999.9	999.9	999.
56.4	147.0	18955.5	62.0	-60.6	99.9	999.9	99.9	99.9	99.9	470.8	999.9	99.9	999.9	999.9	999.
57.1	148.0	19264.6	59.0	-60.3	99.9	999.9	99.9	99.9	99.9	478.3	999.9	99.9	999.9	999.9	999.
57.9	149.0	19590.8	56.0	-59.2	99.9	999.9	99.9	99.9	99.9	487.9	999.9	99.9	999.9	999.9	999.
58.5	150.0	19935.0	53.0	-60.3	99.9	999.9	99.9	99.9	99.9	493.2	999.9	99.9	999.9	999.9	999.
59.1	151.0	20174.2	51.0	-61.5	99.9	999.9	99.9	99.9	99.9	495.7	999.9	99.9	999.9	999.9	999.
59.7	152.0	20548.2	48.0	-63.6	99.9	999.9	99.9	99.9	99.9	499.5	999.9	99.9	999.9	999.9	999.
60.6	153.0	20943.1	45.0	-64.9	99.9	999.9	99.9	99.9	99.9	505.6	999.9	99.9	999.9	999.9	999.
61.0	154.0	21220.3	43.0	-65.1	99.9	999.9	99.9	99.9	99.9	511.7	999.9	99.9	999.9	999.9	999.
61.6	155.0	21659.8	40.0	-66.3	99.9	999.9	99.9	99.9	99.9	519.4	999.9	99.9	999.9	999.9	999.
62.5	156.0	22132.1	37.0	-66.3	99.9	999.9	99.9	99.9	99.9	531.1	999.9	99.9	999.9	999.9	999.
63.4	157.0	22469.2	35.0	-65.9	99.9	999.9	99.9	99.9	99.9	540.6	999.9	99.9	999.9	999.9	999.
64.2	158.0	23012.9	32.0	-66.1	99.9	999.9	99.9	99.9	99.9	554.1	999.9	99.9	999.9	999.9	999.
65.3	159.0	23406.4	30.0	-63.9	99.9	999.9	99.9	99.9	99.9	570.4	999.9	99.9	999.9	999.9	999.
66.4	160.0	24057.2	27.0	-60.6	99.9	999.9	99.9	99.9	99.9	597.2	999.9	99.9	999.9	999.9	999.
67.7	161.0	24788.6	24.0	-61.7	99.9	999.9	99.9	99.9	99.9	614.5	999.9	99.9	999.9	999.9	999.
68.8	162.0	25325.9	22.0	-63.0	99.9	999.9	99.9	99.9	99.9	626.1	999.9	99.9	999.9	999.9	999.

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
1715 GMT

130 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	8.0	1002.2	3.7	-2.3	999.9	99.9	99.9	99.9	277.1	285.5	3.2	65.0	999.9	999.
0.2	6.0	82.9	993.0	3.3	-2.3	999.9	99.9	99.9	99.9	277.4	285.9	3.3	66.7	999.9	999.
0.5	7.0	181.4	981.0	2.3	0.1	999.9	99.9	99.9	99.9	277.5	287.6	3.9	85.1	999.9	999.
0.8	8.0	280.8	969.0	1.5	0.1	999.9	99.9	99.9	99.9	277.6	287.9	4.0	90.7	999.9	999.
1.1	9.0	381.1	957.0	0.7	0.1	999.9	99.9	99.9	99.9	277.8	288.2	4.0	95.9	999.9	999.
1.5	10.0	474.0	946.0	0.4	-0.1	999.9	99.9	99.9	99.9	278.4	288.7	4.0	96.5	999.9	999.
1.9	11.0	593.8	932.0	0.5	0.0	999.9	99.9	99.9	99.9	279.8	290.4	4.1	96.7	999.9	999.
2.3	12.0	697.9	920.0	0.4	-0.2	999.9	99.9	99.9	99.9	280.6	291.3	4.1	96.3	999.9	999.
2.6	13.0	794.4	909.0	-0.3	-0.8	999.9	99.9	99.9	99.9	280.9	291.3	4.0	96.2	999.9	999.
3.0	14.0	900.7	897.0	-0.9	-1.5	999.9	99.9	99.9	99.9	281.3	291.3	3.8	95.6	999.9	999.
3.4	15.0	999.2	886.0	-1.7	-2.4	999.9	99.9	99.9	99.9	281.5	291.0	3.6	95.3	999.9	999.
3.8	16.0	1116.8	873.0	-2.2	-2.9	999.9	99.9	99.9	99.9	282.1	291.5	3.5	94.8	999.9	999.
4.2	17.0	1226.8	861.0	-2.8	-3.4	999.9	99.9	99.9	99.9	282.6	291.7	3.4	95.3	999.9	999.
4.5	18.0	1328.6	850.0	-3.9	-4.5	999.9	99.9	99.9	99.9	282.5	291.1	3.2	95.5	999.9	999.
4.9	19.0	1431.4	839.0	-4.5	-5.0	999.9	99.9	99.9	99.9	282.9	291.3	3.1	96.1	999.9	999.
5.2	20.0	1525.8	829.0	-5.4	-6.0	999.9	99.9	99.9	99.9	282.9	290.8	3.0	95.6	999.9	999.
5.7	21.0	1659.6	815.0	-5.6	-6.1	999.9	99.9	99.9	99.9	284.1	292.1	3.0	95.6	999.9	999.
6.1	22.0	1756.5	805.0	-5.9	-6.4	999.9	99.9	99.9	99.9	284.8	292.7	2.9	95.5	999.9	999.
6.5	23.0	1864.2	794.0	-6.7	-7.3	999.9	99.9	99.9	99.9	284.9	292.5	2.8	95.8	999.9	999.
6.9	24.0	1963.3	784.0	-6.4	-7.5	999.9	99.9	99.9	99.9	286.3	293.8	2.8	92.0	999.9	999.
7.4	25.0	2063.8	774.0	-6.4	-9.1	999.9	99.9	99.9	99.9	287.3	294.1	2.5	81.2	999.9	999.
7.8	26.0	2206.5	760.0	-6.6	-10.0	999.9	99.9	99.9	99.9	288.6	295.2	2.4	76.9	999.9	999.
8.2	27.0	2310.0	750.0	-6.9	-12.1	999.9	99.9	99.9	99.9	289.3	295.0	2.0	66.4	999.9	999.
8.6	28.0	2414.7	740.0	-7.5	-13.0	999.9	99.9	99.9	99.9	289.8	295.2	1.9	64.3	999.9	999.
9.0	29.0	2520.6	730.0	-8.2	-14.2	999.9	99.9	99.9	99.9	290.1	295.1	1.7	61.9	999.9	999.
9.3	30.0	2627.6	720.0	-9.0	-15.0	999.9	99.9	99.9	99.9	290.4	295.2	1.7	61.5	999.9	999.
9.7	31.0	2724.8	711.0	-9.8	-15.9	999.9	99.9	99.9	99.9	290.5	295.0	1.6	61.2	999.9	999.
10.1	32.0	2834.0	701.0	-10.5	-17.8	999.9	99.9	99.9	99.9	290.8	294.8	1.3	55.1	999.9	999.
10.5	33.0	2944.5	691.0	-11.4	-18.7	999.9	99.9	99.9	99.9	291.1	294.8	1.3	54.5	999.9	999.
10.9	34.0	3044.9	682.0	-12.2	-19.4	999.9	99.9	99.9	99.9	291.2	294.8	1.2	55.1	999.9	999.
11.3	35.0	3157.7	672.0	-13.1	-20.1	999.9	99.9	99.9	99.9	291.5	294.9	1.1	55.5	999.9	999.
11.8	36.0	3283.3	661.0	-13.8	-20.8	999.9	99.9	99.9	99.9	292.1	295.3	1.1	55.5	999.9	999.
12.2	37.0	3387.4	652.0	-14.4	-21.5	999.9	99.9	99.9	99.9	292.6	295.7	1.0	54.2	999.9	999.
12.6	38.0	3504.6	642.0	-14.8	-23.9	999.9	99.9	99.9	99.9	293.4	296.0	0.9	45.3	999.9	999.
13.0	39.0	3599.3	634.0	-15.6	-27.4	999.9	99.9	99.9	99.9	293.5	295.4	0.6	35.4	999.9	999.
13.3	40.0	3707.1	625.0	-16.4	-28.0	999.9	99.9	99.9	99.9	293.7	295.6	0.6	35.9	999.9	999.
13.8	41.0	3852.6	613.0	-17.5	-29.0	999.9	99.9	99.9	99.9	294.1	295.8	0.6	35.9	999.9	999.
14.2	42.0	3975.6	603.0	-18.5	-29.5	999.9	99.9	99.9	99.9	294.4	296.1	0.5	37.1	999.9	999.
14.6	43.0	4087.6	594.0	-19.3	-29.5	999.9	99.9	99.9	99.9	294.7	296.4	0.6	39.6	999.9	999.
15.0	44.0	4188.2	586.0	-20.5	-30.0	999.9	99.9	99.9	99.9	294.4	296.1	0.5	42.2	999.9	999.
15.4	45.0	4302.6	577.0	-21.4	-29.8	999.9	99.9	99.9	99.9	294.6	296.4	0.6	46.6	999.9	999.
15.8	46.0	4405.3	569.0	-22.6	-30.3	999.9	99.9	99.9	99.9	294.4	296.1	0.5	49.4	999.9	999.
16.1	47.0	4522.1	560.0	-23.6	-30.6	999.9	99.9	99.9	99.9	294.6	296.3	0.5	51.9	999.9	999.
16.6	48.0	4627.2	552.0	-24.4	-33.9	999.9	99.9	99.9	99.9	294.9	296.1	0.4	40.7	999.9	999.
16.9	49.0	4733.3	544.0	-25.4	-35.3	999.9	99.9	99.9	99.9	294.8	295.9	0.3	38.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
1715 GMT

130 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.3	50.0	4840.7	536.0	-26.2	-36.3	999.9	99.9	99.9	99.9	295.1	296.2	0.3	38.0	999.9	999.
17.8	51.0	4976.6	526.0	-27.4	-37.6	999.9	99.9	99.9	99.9	295.3	296.2	0.3	36.8	999.9	999.
18.2	52.0	5086.7	518.0	-28.3	-39.5	999.9	99.9	99.9	99.9	295.5	296.2	0.2	33.1	999.9	999.
18.5	53.0	5198.2	510.0	-29.0	-42.0	999.9	99.9	99.9	99.9	296.0	296.6	0.2	26.9	999.9	999.
19.0	54.0	5311.1	502.0	-29.9	-47.2	999.9	99.9	99.9	99.9	296.2	296.5	0.1	16.7	999.9	999.
19.3	55.0	5425.3	494.0	-30.9	-49.3	999.9	99.9	99.9	99.9	296.4	296.7	0.1	14.3	999.9	999.
19.8	56.0	5555.6	485.0	-31.5	-50.4	999.9	99.9	99.9	99.9	297.2	297.4	0.1	13.4	999.9	999.
20.1	57.0	5673.2	477.0	-32.3	-51.0	999.9	99.9	99.9	99.9	297.6	297.8	0.1	13.5	999.9	999.
20.5	58.0	5777.3	470.0	-33.1	-51.6	999.9	99.9	99.9	99.9	297.9	298.1	0.1	13.5	999.9	999.
20.9	59.0	5882.8	463.0	-33.2	-55.4	999.9	99.9	99.9	99.9	299.0	299.1	0.0	8.7	999.9	999.
21.3	60.0	6005.1	455.0	-33.9	-58.3	999.9	99.9	99.9	99.9	299.6	299.7	0.0	6.4	999.9	999.
21.7	61.0	6113.6	448.0	-34.6	-62.4	999.9	99.9	99.9	99.9	300.1	300.2	0.0	4.0	999.9	999.
22.0	62.0	6223.5	441.0	-35.4	-62.8	999.9	99.9	99.9	99.9	300.5	300.5	0.0	4.1	999.9	999.
22.5	63.0	6334.7	434.0	-36.0	-63.2	999.9	99.9	99.9	99.9	301.0	301.0	0.0	4.2	999.9	999.
22.9	64.0	6447.5	427.0	-36.6	-64.6	999.9	99.9	99.9	99.9	301.7	301.8	0.0	3.6	999.9	999.
23.3	65.0	6561.9	420.0	-37.2	-65.0	999.9	99.9	99.9	99.9	302.3	302.3	0.0	3.7	999.9	999.
23.8	66.0	6711.6	411.0	-37.1	-68.0	999.9	99.9	99.9	99.9	304.3	304.4	0.0	2.4	999.9	999.
24.2	67.0	6830.3	404.0	-37.4	-68.1	999.9	99.9	99.9	99.9	305.5	305.5	0.0	2.4	999.9	999.
24.6	68.0	6951.0	397.0	-37.4	-70.3	999.9	99.9	99.9	99.9	307.0	307.0	0.0	1.8	999.9	999.
25.0	69.0	7056.2	391.0	-37.4	-70.3	999.9	99.9	99.9	99.9	308.3	308.4	0.0	1.8	999.9	999.
25.4	70.0	7180.9	384.0	-37.5	-70.3	999.9	99.9	99.9	99.9	309.7	309.8	0.0	1.8	999.9	999.
25.9	71.0	7326.4	376.0	-37.1	-70.2	999.9	99.9	99.9	99.9	312.2	312.2	0.0	1.7	999.9	999.
26.3	72.0	7437.5	370.0	-37.2	-66.4	999.9	99.9	99.9	99.9	313.4	313.5	0.0	3.1	999.9	999.
26.7	73.0	7550.3	364.0	-38.1	-65.4	999.9	99.9	99.9	99.9	313.8	313.9	0.0	3.8	999.9	999.
27.1	74.0	7664.6	358.0	-38.9	-63.8	999.9	99.9	99.9	99.9	314.2	314.3	0.0	5.1	999.9	999.
27.5	75.0	7799.8	351.0	-39.7	99.9	999.9	99.9	99.9	99.9	315.0	999.9	99.9	999.9	999.9	999.
28.0	76.0	7917.5	345.0	-40.7	99.9	999.9	99.9	99.9	99.9	315.2	999.9	99.9	999.9	999.9	999.
28.4	77.0	8036.7	339.0	-41.8	99.9	999.9	99.9	99.9	99.9	315.3	999.9	99.9	999.9	999.9	999.
28.8	78.0	8157.4	333.0	-42.9	99.9	999.9	99.9	99.9	99.9	315.4	999.9	99.9	999.9	999.9	999.
29.2	79.0	8279.8	327.0	-43.7	99.9	999.9	99.9	99.9	99.9	315.9	999.9	99.9	999.9	999.9	999.
29.7	80.0	8383.1	322.0	-45.0	99.9	999.9	99.9	99.9	99.9	315.5	999.9	99.9	999.9	999.9	999.
30.2	81.0	8550.9	314.0	-46.0	99.9	999.9	99.9	99.9	99.9	316.4	999.9	99.9	999.9	999.9	999.
30.7	82.0	8657.4	309.0	-47.0	99.9	999.9	99.9	99.9	99.9	316.4	999.9	99.9	999.9	999.9	999.
31.1	83.0	8787.0	303.0	-48.0	99.9	999.9	99.9	99.9	99.9	316.7	999.9	99.9	999.9	999.9	999.
31.5	84.0	8896.4	298.0	-49.1	99.9	999.9	99.9	99.9	99.9	316.8	999.9	99.9	999.9	999.9	999.
31.9	85.0	9007.2	293.0	-50.1	99.9	999.9	99.9	99.9	99.9	316.8	999.9	99.9	999.9	999.9	999.
32.4	86.0	9164.9	286.0	-50.9	99.9	999.9	99.9	99.9	99.9	317.9	999.9	99.9	999.9	999.9	999.
32.8	87.0	9302.7	280.0	-51.8	99.9	999.9	99.9	99.9	99.9	318.5	999.9	99.9	999.9	999.9	999.
33.3	88.0	9419.4	275.0	-52.1	99.9	999.9	99.9	99.9	99.9	319.7	999.9	99.9	999.9	999.9	999.
33.8	89.0	9538.2	270.0	-52.0	99.9	999.9	99.9	99.9	99.9	321.6	999.9	99.9	999.9	999.9	999.
34.2	90.0	9659.3	265.0	-52.0	99.9	999.9	99.9	99.9	99.9	323.4	999.9	99.9	999.9	999.9	999.
34.7	91.0	9807.9	259.0	-51.4	99.9	999.9	99.9	99.9	99.9	326.4	999.9	99.9	999.9	999.9	999.
35.2	92.0	9909.0	255.0	-51.4	99.9	999.9	99.9	99.9	99.9	327.9	999.9	99.9	999.9	999.9	999.
35.6	93.0	10037.8	250.0	-50.9	99.9	999.9	99.9	99.9	99.9	330.4	999.9	99.9	999.9	999.9	999.
36.0	94.0	10169.4	245.0	-50.6	99.9	999.9	99.9	99.9	99.9	332.8	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
1715 GMT

130 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGF KM	AZ DG
36.4	95.0	10303.8	240.0	-50.6	99.9	999.9	99.9	99.9	99.9	334.7	999.9	99.9	999.9	999.9	999.9
36.9	96.0	10468.7	234.0	-51.1	99.9	999.9	99.9	99.9	99.9	336.5	999.9	99.9	999.9	999.9	999.9
37.3	97.0	10609.0	229.0	-51.5	99.9	999.9	99.9	99.9	99.9	337.9	999.9	99.9	999.9	999.9	999.9
37.6	98.0	10723.1	225.0	-52.9	99.9	999.9	99.9	99.9	99.9	337.4	999.9	99.9	999.9	999.9	999.9
38.1	99.0	10867.9	220.0	-53.2	99.9	999.9	99.9	99.9	99.9	339.1	999.9	99.9	999.9	999.9	999.9
38.5	100.0	10986.0	216.0	-53.6	99.9	999.9	99.9	99.9	99.9	340.4	999.9	99.9	999.9	999.9	999.9
39.1	101.0	11167.6	210.0	-52.8	99.9	999.9	99.9	99.9	99.9	344.4	999.9	99.9	999.9	999.9	999.9
39.6	102.0	11291.6	206.0	-53.1	99.9	999.9	99.9	99.9	99.9	345.8	999.9	99.9	999.9	999.9	999.9
40.1	103.0	11418.0	202.0	-53.1	99.9	999.9	99.9	99.9	99.9	347.7	999.9	99.9	999.9	999.9	999.9
40.6	104.0	11547.0	198.0	-52.9	99.9	999.9	99.9	99.9	99.9	350.0	999.9	99.9	999.9	999.9	999.9
41.1	105.0	11712.2	193.0	-52.5	99.9	999.9	99.9	99.9	99.9	353.3	999.9	99.9	999.9	999.9	999.9
41.6	106.0	11847.6	189.0	-52.1	99.9	999.9	99.9	99.9	99.9	355.9	999.9	99.9	999.9	999.9	999.9
42.0	107.0	11986.2	185.0	-52.0	99.9	999.9	99.9	99.9	99.9	358.4	999.9	99.9	999.9	999.9	999.9
42.4	108.0	12128.0	181.0	-51.4	99.9	999.9	99.9	99.9	99.9	361.6	999.9	99.9	999.9	999.9	999.9
42.9	109.0	12273.0	177.0	-51.8	99.9	999.9	99.9	99.9	99.9	363.2	999.9	99.9	999.9	999.9	999.9
43.4	110.0	12383.8	174.0	-52.0	99.9	999.9	99.9	99.9	99.9	364.7	999.9	99.9	999.9	999.9	999.9
44.0	111.0	12572.5	169.0	-52.5	99.9	999.9	99.9	99.9	99.9	367.0	999.9	99.9	999.9	999.9	999.9
44.4	112.0	12727.4	165.0	-52.1	99.9	999.9	99.9	99.9	99.9	370.0	999.9	99.9	999.9	999.9	999.9
44.9	113.0	12886.2	161.0	-52.5	99.9	999.9	99.9	99.9	99.9	372.1	999.9	99.9	999.9	999.9	999.9
45.4	114.0	13007.5	158.0	-53.4	99.9	999.9	99.9	99.9	99.9	372.5	999.9	99.9	999.9	999.9	999.9
45.8	115.0	13172.4	154.0	-53.9	99.9	999.9	99.9	99.9	99.9	374.4	999.9	99.9	999.9	999.9	999.9
46.5	116.0	13341.4	150.0	-54.0	99.9	999.9	99.9	99.9	99.9	377.0	999.9	99.9	999.9	999.9	999.9
47.0	117.0	13514.4	146.0	-55.2	99.9	999.9	99.9	99.9	99.9	378.0	999.9	99.9	999.9	999.9	999.9
47.5	118.0	13646.7	143.0	-56.0	99.9	999.9	99.9	99.9	99.9	378.8	999.9	99.9	999.9	999.9	999.9
48.0	119.0	13781.5	140.0	-56.2	99.9	999.9	99.9	99.9	99.9	380.8	999.9	99.9	999.9	999.9	999.9
48.5	120.0	13965.4	136.0	-57.0	99.9	999.9	99.9	99.9	99.9	382.5	999.9	99.9	999.9	999.9	999.9
49.0	121.0	14106.3	133.0	-58.0	99.9	999.9	99.9	99.9	99.9	383.1	999.9	99.9	999.9	999.9	999.9
49.6	122.0	14250.2	130.0	-57.7	99.9	999.9	99.9	99.9	99.9	386.2	999.9	99.9	999.9	999.9	999.9
50.1	123.0	14398.1	127.0	-56.2	99.9	999.9	99.9	99.9	99.9	391.5	999.9	99.9	999.9	999.9	999.9
50.4	124.0	14549.9	124.0	-56.3	99.9	999.9	99.9	99.9	99.9	393.9	999.9	99.9	999.9	999.9	999.9
51.1	125.0	14705.4	121.0	-56.7	99.9	999.9	99.9	99.9	99.9	396.1	999.9	99.9	999.9	999.9	999.9
51.8	126.0	14918.4	117.0	-57.0	99.9	999.9	99.9	99.9	99.9	399.3	999.9	99.9	999.9	999.9	999.9
52.4	127.0	15082.5	114.0	-58.0	99.9	999.9	99.9	99.9	99.9	400.4	999.9	99.9	999.9	999.9	999.9
53.0	128.0	15250.2	111.0	-58.9	99.9	999.9	99.9	99.9	99.9	401.8	999.9	99.9	999.9	999.9	999.9
53.6	129.0	15421.8	108.0	-59.8	99.9	999.9	99.9	99.9	99.9	403.3	999.9	99.9	999.9	999.9	999.9
54.2	130.0	15598.3	105.0	-58.7	99.9	999.9	99.9	99.9	99.9	408.6	999.9	99.9	999.9	999.9	999.9
55.0	131.0	15780.7	102.0	-58.0	99.9	999.9	99.9	99.9	99.9	413.3	999.9	99.9	999.9	999.9	999.9
55.8	132.0	15968.4	99.0	-59.1	99.9	999.9	99.9	99.9	99.9	414.8	999.9	99.9	999.9	999.9	999.9
56.3	133.0	16160.7	96.0	-60.5	99.9	999.9	99.9	99.9	99.9	415.7	999.9	99.9	999.9	999.9	999.9
56.7	134.0	16358.5	93.0	-60.5	99.9	999.9	99.9	99.9	99.9	419.5	999.9	99.9	999.9	999.9	999.9

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
2015 GMT

162 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	8.0	1002.2	7.3	-4.4	999.9	99.9	99.9	99.9	230.6	288.0	2.7	43.0	999.9	999.
0.1	6.0	58.9	996.0	6.1	-4.8	999.9	99.9	99.9	99.9	279.9	287.0	2.7	45.7	999.9	999.
0.4	7.0	149.8	985.0	5.2	-3.0	999.9	99.9	99.9	99.9	279.9	288.2	3.1	55.4	999.9	999.
0.7	8.0	249.8	973.0	4.3	-2.2	999.9	99.9	99.9	99.9	280.1	288.9	3.3	62.4	999.9	999.
1.0	9.0	342.2	962.0	3.3	-2.0	999.9	99.9	99.9	99.9	280.0	289.0	3.4	67.9	999.9	999.
1.2	10.0	435.4	951.0	2.6	-1.7	999.9	99.9	99.9	99.9	280.2	289.5	3.5	72.8	999.9	999.
1.5	11.0	546.6	938.0	1.7	-1.4	999.9	99.9	99.9	99.9	280.4	290.0	3.7	80.0	999.9	999.
1.7	12.0	650.4	926.0	0.8	-1.2	999.9	99.9	99.9	99.9	280.6	290.4	3.8	85.9	999.9	999.
2.0	13.0	746.3	915.0	0.0	-1.4	999.9	99.9	99.9	99.9	280.7	290.6	3.8	89.9	999.9	999.
2.2	14.0	834.3	905.0	-0.9	-2.4	999.9	99.9	99.9	99.9	280.6	289.8	3.5	89.6	999.9	999.
2.5	15.0	931.9	894.0	-1.7	-2.8	999.9	99.9	99.9	99.9	280.7	289.9	3.5	92.5	999.9	999.
2.8	16.0	1048.3	881.0	-3.0	-3.4	999.9	99.9	99.9	99.9	280.6	289.5	3.4	96.6	999.9	999.
3.1	17.0	1138.7	871.0	-3.6	-3.8	999.9	99.9	99.9	99.9	280.8	289.6	3.3	98.4	999.9	999.
3.4	18.0	1239.2	860.0	-4.0	-4.2	999.9	99.9	99.9	99.9	281.4	290.0	3.3	98.6	999.9	999.
3.7	19.0	1331.4	850.0	-5.0	-5.2	999.9	99.9	99.9	99.9	281.3	289.5	3.1	98.5	999.9	999.
4.0	20.0	1424.5	840.0	-5.3	-6.3	999.9	99.9	99.9	99.9	281.9	289.5	2.8	92.0	999.9	999.
4.4	21.0	1547.1	827.0	-5.4	-7.2	999.9	99.9	99.9	99.9	283.0	290.3	2.7	87.3	999.9	999.
4.6	22.0	1642.6	817.0	-5.6	-7.3	999.9	99.9	99.9	99.9	283.8	290.8	2.6	83.2	999.9	999.
4.9	23.0	1739.3	807.0	-5.1	-9.3	999.9	99.9	99.9	99.9	285.3	291.7	2.3	72.3	999.9	999.
5.3	24.0	1837.4	797.0	-4.8	-10.0	999.9	99.9	99.9	99.9	286.6	292.8	2.2	66.6	999.9	999.
5.7	25.0	1936.8	787.0	-4.7	-10.0	999.9	99.9	99.9	99.9	287.8	294.1	2.3	66.0	999.9	999.
6.2	26.0	2057.6	775.0	-5.6	-11.1	999.9	99.9	99.9	99.9	288.1	294.0	2.1	65.0	999.9	999.
6.4	27.0	2159.5	765.0	-5.9	-11.9	999.9	99.9	99.9	99.9	288.8	294.5	2.0	62.4	999.9	999.
6.9	28.0	2272.9	754.0	-6.3	-13.4	999.9	99.9	99.9	99.9	289.5	294.8	1.9	58.6	999.9	999.
7.3	29.0	2366.8	745.0	-6.9	-13.3	999.9	99.9	99.9	99.9	289.8	294.9	1.8	57.9	999.9	999.
7.7	30.0	2461.6	736.0	-7.4	-14.3	999.9	99.9	99.9	99.9	290.3	295.1	1.6	55.2	999.9	999.
8.0	31.0	2568.1	726.0	-7.8	-16.0	999.9	99.9	99.9	99.9	291.0	295.3	1.5	51.5	999.9	999.
8.4	32.0	2675.9	716.0	-8.2	-17.3	999.9	99.9	99.9	99.9	291.6	295.6	1.4	47.9	999.9	999.
8.7	33.0	2774.1	707.0	-8.2	-18.5	999.9	99.9	99.9	99.9	292.7	296.4	1.3	43.2	999.9	999.
9.1	34.0	2873.4	698.0	-9.1	-19.8	999.9	99.9	99.9	99.9	292.8	296.1	1.1	41.3	999.9	999.
9.4	35.0	2973.8	689.0	-9.6	-20.7	999.9	99.9	99.9	99.9	293.3	296.5	1.1	39.7	999.9	999.
9.8	36.0	3097.9	678.0	-10.4	-22.1	999.9	99.9	99.9	99.9	293.7	296.6	1.0	37.6	999.9	999.
10.2	37.0	3200.7	669.0	-11.1	-23.0	999.9	99.9	99.9	99.9	294.0	296.7	0.9	36.8	999.9	999.
10.5	38.0	3304.5	660.0	-12.1	-24.4	999.9	99.9	99.9	99.9	294.0	296.5	0.8	34.9	999.9	999.
10.9	39.0	3397.7	652.0	-12.7	-25.3	999.9	99.9	99.9	99.9	294.4	296.7	0.7	33.7	999.9	999.
11.2	40.0	3503.6	643.0	-13.5	-27.0	999.9	99.9	99.9	99.9	294.6	296.6	0.6	31.0	999.9	999.
11.7	41.0	3634.7	632.0	-14.2	-28.3	999.9	99.9	99.9	99.9	295.3	297.1	0.6	29.0	999.9	999.
12.1	42.0	3731.1	624.0	-15.3	-29.3	999.9	99.9	99.9	99.9	295.1	296.8	0.5	29.0	999.9	999.
12.5	43.0	3840.7	615.0	-16.2	-30.3	999.9	99.9	99.9	99.9	295.3	296.9	0.5	27.6	999.9	999.
12.9	44.0	3951.5	606.0	-16.9	-30.5	999.9	99.9	99.9	99.9	295.8	297.4	0.5	29.4	999.9	999.
13.2	45.0	4051.2	598.0	-17.7	-31.4	999.9	99.9	99.9	99.9	296.0	297.4	0.5	28.7	999.9	999.
13.6	46.0	4151.7	590.0	-18.8	-32.8	999.9	99.9	99.9	99.9	295.8	297.1	0.4	27.7	999.9	999.
14.0	47.0	4253.4	582.0	-19.4	-34.6	999.9	99.9	99.9	99.9	296.2	297.3	0.3	24.4	999.9	999.
14.3	48.0	4356.0	574.0	-20.4	-35.7	999.9	99.9	99.9	99.9	296.3	297.3	0.3	23.7	999.9	999.
14.7	49.0	4459.8	566.0	-21.2	-36.4	999.9	99.9	99.9	99.9	296.5	297.5	0.3	23.8	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

5 FEBRUARY 1975  
2015 GMT

162 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.1	50.0	4564.7	558.0	-22.3	-37.1	999.9	99.9	99.9	99.9	296.4	297.4	0.3	24.2	999.9	999.
15.6	51.0	4657.3	548.0	-23.3	-37.7	999.9	99.9	99.9	99.9	296.7	297.6	0.3	25.1	999.9	999.
16.0	52.0	4804.7	540.0	-24.3	-38.5	999.9	99.9	99.9	99.9	296.9	297.7	0.2	25.1	999.9	999.
16.4	53.0	4899.7	533.0	-25.0	-39.6	999.9	99.9	99.9	99.9	297.0	297.8	0.2	24.0	999.9	999.
16.8	54.0	5009.4	525.0	-26.0	-40.7	999.9	99.9	99.9	99.9	297.2	297.9	0.2	23.3	999.9	999.
17.1	55.0	5120.4	517.0	-27.0	-41.6	999.9	99.9	99.9	99.9	297.2	297.8	0.2	23.4	999.9	999.
17.6	56.0	5246.7	508.0	-28.1	-42.5	999.9	99.9	99.9	99.9	297.4	298.0	0.2	23.5	999.9	999.
18.0	57.0	5346.1	501.0	-29.0	-44.1	999.9	99.9	99.9	99.9	297.5	298.0	0.1	21.6	999.9	999.
18.1	58.0	5446.6	494.0	-29.9	-44.3	999.9	99.9	99.9	99.9	297.5	298.0	0.1	21.6	999.9	999.
18.7	59.0	5562.7	486.0	-30.8	-45.6	999.9	99.9	99.9	99.9	297.8	298.2	0.1	21.7	999.9	999.
19.1	60.0	5665.4	479.0	-31.8	-46.0	999.9	99.9	99.9	99.9	297.9	298.3	0.1	22.6	999.9	999.
19.5	61.0	5769.3	472.0	-32.8	-46.6	999.9	99.9	99.9	99.9	297.8	298.3	0.1	23.4	999.9	999.
19.9	62.0	5874.2	465.0	-34.0	-47.4	999.9	99.9	99.9	99.9	297.6	298.0	0.1	24.3	999.9	999.
20.2	63.0	5980.3	458.0	-35.0	-48.3	999.9	99.9	99.9	99.9	297.8	298.1	0.1	24.0	999.9	999.
20.6	64.0	6087.6	451.0	-35.6	-50.6	999.9	99.9	99.9	99.9	298.2	298.5	0.1	19.7	999.9	999.
20.9	65.0	6196.4	444.0	-35.8	-52.3	999.9	99.9	99.9	99.9	299.4	299.6	0.1	15.2	999.9	999.
21.4	66.0	6338.6	435.0	-36.3	-56.9	999.9	99.9	99.9	99.9	300.5	300.6	0.0	9.8	999.9	999.
21.7	67.0	6435.1	429.0	-36.0	-60.6	999.9	99.9	99.9	99.9	302.0	302.1	0.0	5.9	999.9	999.
22.0	68.0	6565.9	421.0	-35.8	-67.2	999.9	99.9	99.9	99.9	304.0	304.0	0.0	2.3	999.9	999.
22.3	69.0	6682.2	414.0	-36.7	-72.3	999.9	99.9	99.9	99.9	304.2	304.3	0.0	1.2	999.9	999.
22.7	70.0	6800.3	407.0	-37.1	-72.3	999.9	99.9	99.9	99.9	305.2	305.2	0.0	1.3	999.9	999.
23.2	71.0	6937.6	399.0	-36.8	-73.7	999.9	99.9	99.9	99.9	307.3	307.3	0.0	1.0	999.9	999.
23.6	72.0	7042.5	393.0	-37.0	-72.3	999.9	99.9	99.9	99.9	308.4	308.5	0.0	1.3	999.9	999.
24.0	73.0	7148.8	387.0	-37.5	-67.8	999.9	99.9	99.9	99.9	309.1	309.1	0.0	2.6	999.9	999.
24.5	74.0	7256.6	381.0	-37.8	-61.0	999.9	99.9	99.9	99.9	310.1	310.2	0.0	6.7	999.9	999.
24.9	75.0	7365.9	375.0	-38.3	-58.7	999.9	99.9	99.9	99.9	310.8	311.0	0.0	9.5	999.9	999.
25.4	76.0	7495.4	368.0	-38.8	-57.2	999.9	99.9	99.9	99.9	311.8	311.9	0.0	12.2	999.9	999.
25.9	77.0	7608.0	362.0	-39.5	99.9	999.9	99.9	99.9	99.9	312.4	999.9	99.9	999.9	999.9	999.
26.3	78.0	7722.2	356.0	-40.3	99.9	999.9	99.9	99.9	99.9	312.8	999.9	99.9	999.9	999.9	999.
26.8	79.0	7818.4	351.0	-41.4	99.9	999.9	99.9	99.9	99.9	312.6	999.9	99.9	999.9	999.9	999.
27.2	80.0	7935.3	345.0	-42.1	99.9	999.9	99.9	99.9	99.9	313.2	999.9	99.9	999.9	999.9	999.
27.7	81.0	8093.9	337.0	-42.4	99.9	999.9	99.9	99.9	99.9	315.0	999.9	99.9	999.9	999.9	999.
28.1	82.0	8194.7	332.0	-43.7	99.9	999.9	99.9	99.9	99.9	314.6	999.9	99.9	999.9	999.9	999.
28.5	83.0	8317.1	326.0	-44.4	99.9	999.9	99.9	99.9	99.9	315.3	999.9	99.9	999.9	999.9	999.
28.9	84.0	8420.4	321.0	-45.4	99.9	999.9	99.9	99.9	99.9	315.3	999.9	99.9	999.9	999.9	999.
29.3	85.0	8546.0	315.0	-46.5	99.9	999.9	99.9	99.9	99.9	315.4	999.9	99.9	999.9	999.9	999.
29.7	86.0	8694.8	308.0	-47.8	99.9	999.9	99.9	99.9	99.9	315.6	999.9	99.9	999.9	999.9	999.
30.2	87.0	8802.5	303.0	-48.8	99.9	999.9	99.9	99.9	99.9	315.6	999.9	99.9	999.9	999.9	999.
30.6	88.0	8911.7	298.0	-49.6	99.9	999.9	99.9	99.9	99.9	316.1	999.9	99.9	999.9	999.9	999.
31.0	89.0	9022.2	293.0	-50.6	99.9	999.9	99.9	99.9	99.9	316.1	999.9	99.9	999.9	999.9	999.
31.5	90.0	9156.8	287.0	-51.6	99.9	999.9	99.9	99.9	99.9	316.7	999.9	99.9	999.9	999.9	999.
31.9	91.0	9270.6	282.0	-52.5	99.9	999.9	99.9	99.9	99.9	317.0	999.9	99.9	999.9	999.9	999.
32.2	92.0	9386.2	277.0	-52.6	99.9	999.9	99.9	99.9	99.9	318.4	999.9	99.9	999.9	999.9	999.
32.6	93.0	9504.0	272.0	-52.3	99.9	999.9	99.9	99.9	99.9	320.5	999.9	99.9	999.9	999.9	999.
33.0	94.0	9624.0	267.0	-52.2	99.9	999.9	99.9	99.9	99.9	322.4	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
2015 GMT

162 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.4	95.0	9746.4	262.0	-52.0	99.9	999.9	99.9	99.9	99.9	324.4	999.9	99.9	999.9	999.9	999.9
34.0	96.0	9896.3	256.0	-52.5	99.9	999.9	99.9	99.9	99.9	325.8	999.9	99.9	999.9	999.9	999.9
34.4	97.0	10023.8	251.0	-52.5	99.9	999.9	99.9	99.9	99.9	327.7	999.9	99.9	999.9	999.9	999.9
34.9	98.0	10127.7	247.0	-52.2	99.9	999.9	99.9	99.9	99.9	329.7	999.9	99.9	999.9	999.9	999.9
35.3	99.0	10260.2	242.0	-51.7	99.9	999.9	99.9	99.9	99.9	332.3	999.9	99.9	999.9	999.9	999.9
35.8	100.0	10368.5	238.0	-50.9	99.9	999.9	99.9	99.9	99.9	335.0	999.9	99.9	999.9	999.9	999.9
36.3	101.0	10534.5	232.0	-51.6	99.9	999.9	99.9	99.9	99.9	336.6	999.9	99.9	999.9	999.9	999.9
36.7	102.0	10647.3	228.0	-52.0	99.9	999.9	99.9	99.9	99.9	337.5	999.9	99.9	999.9	999.9	999.9
37.1	103.0	10761.9	224.0	-51.9	99.9	999.9	99.9	99.9	99.9	339.5	999.9	99.9	999.9	999.9	999.9
37.5	104.0	10908.1	219.0	-52.5	99.9	999.9	99.9	99.9	99.9	340.7	999.9	99.9	999.9	999.9	999.9
37.9	105.0	11027.1	215.0	-53.1	99.9	999.9	99.9	99.9	99.9	341.6	999.9	99.9	999.9	999.9	999.9
38.3	106.0	11147.9	211.0	-53.7	99.9	999.9	99.9	99.9	99.9	342.4	999.9	99.9	999.9	999.9	999.9
38.7	107.0	11301.9	206.0	-54.2	99.9	999.9	99.9	99.9	99.9	344.0	999.9	99.9	999.9	999.9	999.9
39.1	108.0	11427.5	202.0	-54.7	99.9	999.9	99.9	99.9	99.9	345.2	999.9	99.9	999.9	999.9	999.9
39.5	109.0	11555.3	198.0	-55.3	99.9	999.9	99.9	99.9	99.9	346.1	999.9	99.9	999.9	999.9	999.9
40.0	110.0	11685.3	194.0	-55.8	99.9	999.9	99.9	99.9	99.9	347.4	999.9	99.9	999.9	999.9	999.9
40.5	111.0	11851.6	189.0	-55.7	99.9	999.9	99.9	99.9	99.9	350.3	999.9	99.9	999.9	999.9	999.9
41.0	112.0	11988.0	185.0	-55.3	99.9	999.9	99.9	99.9	99.9	352.9	999.9	99.9	999.9	999.9	999.9
41.4	113.0	12092.4	182.0	-54.9	99.9	999.9	99.9	99.9	99.9	355.4	999.9	99.9	999.9	999.9	999.9
41.8	114.0	12234.8	178.0	-54.1	99.9	999.9	99.9	99.9	99.9	359.0	999.9	99.9	999.9	999.9	999.9
42.2	115.0	12380.6	174.0	-54.2	99.9	999.9	99.9	99.9	99.9	361.0	999.9	99.9	999.9	999.9	999.9
42.8	116.0	12567.5	169.0	-54.4	99.9	999.9	99.9	99.9	99.9	363.8	999.9	99.9	999.9	999.9	999.9
43.3	117.0	12682.4	166.0	-54.1	99.9	999.9	99.9	99.9	99.9	366.2	999.9	99.9	999.9	999.9	999.9
43.8	118.0	12838.7	162.0	-54.5	99.9	999.9	99.9	99.9	99.9	367.9	999.9	99.9	999.9	999.9	999.9
44.4	119.0	12958.6	159.0	-54.1	99.9	999.9	99.9	99.9	99.9	370.7	999.9	99.9	999.9	999.9	999.9
44.9	120.0	13122.1	155.0	-53.9	99.9	999.9	99.9	99.9	99.9	373.7	999.9	99.9	999.9	999.9	999.9
45.4	121.0	13247.7	152.0	-53.7	99.9	999.9	99.9	99.9	99.9	376.1	999.9	99.9	999.9	999.9	999.9
45.9	122.0	13419.2	148.0	-53.6	99.9	999.9	99.9	99.9	99.9	379.2	999.9	99.9	999.9	999.9	999.9
46.4	123.0	13550.7	145.0	-54.2	99.9	999.9	99.9	99.9	99.9	380.4	999.9	99.9	999.9	999.9	999.9
46.9	124.0	13684.6	142.0	-54.7	99.9	999.9	99.9	99.9	99.9	381.8	999.9	99.9	999.9	999.9	999.9
47.3	125.0	13867.3	138.0	-55.2	99.9	999.9	99.9	99.9	99.9	384.1	999.9	99.9	999.9	999.9	999.9
47.9	126.0	14054.6	134.0	-56.2	99.9	999.9	99.9	99.9	99.9	385.6	999.9	99.9	999.9	999.9	999.9
48.4	127.0	14198.3	131.0	-57.0	99.9	999.9	99.9	99.9	99.9	386.6	999.9	99.9	999.9	999.9	999.9
48.9	128.0	14345.4	128.0	-55.7	99.9	999.9	99.9	99.9	99.9	391.6	999.9	99.9	999.9	999.9	999.9
49.5	129.0	14496.9	125.0	-54.5	99.9	999.9	99.9	99.9	99.9	396.3	999.9	99.9	999.9	999.9	999.9
50.0	130.0	14652.2	122.0	-55.2	99.9	999.9	99.9	99.9	99.9	397.9	999.9	99.9	999.9	999.9	999.9
50.6	131.0	14865.0	118.0	-55.3	99.9	999.9	99.9	99.9	99.9	401.4	999.9	99.9	999.9	999.9	999.9
51.2	132.0	15029.7	115.0	-54.2	99.9	999.9	99.9	99.9	99.9	406.4	999.9	99.9	999.9	999.9	999.9
51.7	133.0	15198.7	112.0	-55.5	99.9	999.9	99.9	99.9	99.9	407.1	999.9	99.9	999.9	999.9	999.9
52.3	134.0	15371.4	109.0	-56.7	99.9	999.9	99.9	99.9	99.9	408.1	999.9	99.9	999.9	999.9	999.9
52.9	135.0	15547.9	106.0	-57.8	99.9	999.9	99.9	99.9	99.9	409.1	999.9	99.9	999.9	999.9	999.9
53.6	136.0	15728.5	103.0	-59.0	99.9	999.9	99.9	99.9	99.9	410.2	999.9	99.9	999.9	999.9	999.9
54.4	137.0	15977.5	99.0	-58.0	99.9	999.9	99.9	99.9	99.9	416.9	999.9	99.9	999.9	999.9	999.9
55.1	138.0	16171.3	96.0	-58.3	99.9	999.9	99.9	99.9	99.9	419.9	999.9	99.9	999.9	999.9	999.9
55.8	139.0	16371.1	93.0	-58.2	99.9	999.9	99.9	99.9	99.9	424.1	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
2015 GMT

162 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
56.5	140.0	16577.3	90.0	-58.9	99.9	999.9	99.9	99.9	99.9	426.7	999.9	99.9	999.9	999.9	999.9
57.3	141.0	16861.9	86.0	-59.9	99.9	999.9	99.9	99.9	99.9	430.2	999.9	99.9	999.9	999.9	999.9
58.0	142.0	17083.2	83.0	-61.0	99.9	999.9	99.9	99.9	99.9	432.4	999.9	99.9	999.9	999.9	999.9
58.8	143.0	17311.8	80.0	-61.3	99.9	999.9	99.9	99.9	99.9	436.2	999.9	99.9	999.9	999.9	999.9
59.6	144.0	17468.4	78.0	-62.6	99.9	999.9	99.9	99.9	99.9	436.7	999.9	99.9	999.9	999.9	999.9
60.3	145.0	17792.5	74.0	-63.4	99.9	999.9	99.9	99.9	99.9	441.8	999.9	99.9	999.9	999.9	999.9
61.1	146.0	18046.9	71.0	-63.2	99.9	999.9	99.9	99.9	99.9	447.4	999.9	99.9	999.9	999.9	999.9
62.2	147.0	18223.2	69.0	-61.9	99.9	999.9	99.9	99.9	99.9	453.9	999.9	99.9	999.9	999.9	999.9
63.3	148.0	18500.1	66.0	-59.0	99.9	999.9	99.9	99.9	99.9	465.9	999.9	99.9	999.9	999.9	999.9
64.2	149.0	18791.9	63.0	-59.0	99.9	999.9	99.9	99.9	99.9	472.1	999.9	99.9	999.9	999.9	999.9
65.1	150.0	19096.8	60.0	-60.6	99.9	999.9	99.9	99.9	99.9	475.2	999.9	99.9	999.9	999.9	999.9
66.0	151.0	19415.3	57.0	-61.7	99.9	999.9	99.9	99.9	99.9	479.8	999.9	99.9	999.9	999.9	999.9
67.3	152.0	19750.9	54.0	-60.8	99.9	999.9	99.9	99.9	99.9	489.4	999.9	99.9	999.9	999.9	999.9
68.5	153.0	20106.8	51.0	-60.4	99.9	999.9	99.9	99.9	99.9	498.3	999.9	99.9	999.9	999.9	999.9
69.5	154.0	20482.7	48.0	-62.4	99.9	999.9	99.9	99.9	99.9	502.2	999.9	99.9	999.9	999.9	999.9
70.6	155.0	20745.2	46.0	-62.8	99.9	999.9	99.9	99.9	99.9	507.5	999.9	99.9	999.9	999.9	999.9
71.5	156.0	21160.0	43.0	-63.6	99.9	999.9	99.9	99.9	99.9	515.5	999.9	99.9	999.9	999.9	999.9
72.6	157.0	21602.5	40.0	-64.9	99.9	999.9	99.9	99.9	99.9	522.9	999.9	99.9	999.9	999.9	999.9
73.7	158.0	22077.6	37.0	-65.3	99.9	999.9	99.9	99.9	99.9	533.7	999.9	99.9	999.9	999.9	999.9
75.3	159.0	22415.6	35.0	-65.7	99.9	999.9	99.9	99.9	99.9	541.2	999.9	99.9	999.9	999.9	999.9
76.5	160.0	22961.0	32.0	-65.1	99.9	999.9	99.9	99.9	99.9	556.8	999.9	99.9	999.9	999.9	999.9
77.7	161.0	23560.6	29.0	-65.3	99.9	999.9	99.9	99.9	99.9	572.2	999.9	99.9	999.9	999.9	999.9
79.4	162.0	23998.8	27.0	-62.2	99.9	999.9	99.9	99.9	99.9	592.6	999.9	99.9	999.9	999.9	999.9
81.0	163.0	24729.3	24.0	-60.6	99.9	999.9	99.9	99.9	99.9	617.6	999.9	99.9	999.9	999.9	999.9
82.8	164.0	25558.9	21.0	-61.5	99.9	999.9	99.9	99.9	99.9	638.9	999.9	99.9	999.9	999.9	999.9
85.0	165.0	26516.5	18.0	-60.6	99.9	999.9	99.9	99.9	99.9	670.6	999.9	99.9	999.9	999.9	999.9
87.3	166.0	27253.4	16.0	-58.5	99.9	999.9	99.9	99.9	99.9	700.4	999.9	99.9	999.9	999.9	999.9

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
2315 GMT

156 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	8.0	1003.3	6.3	-1.3	999.9	99.9	99.9	99.9	279.6	288.7	3.5	58.0	999.9	999.
0.3	6.0	59.7	997.0	6.3	-2.3	999.9	99.9	99.9	99.9	280.1	288.7	3.2	54.1	999.9	999.
0.7	7.0	150.5	986.0	5.4	-1.7	999.9	99.9	99.9	99.9	280.2	289.1	3.4	59.8	999.9	999.
1.0	8.0	250.5	974.0	4.6	-1.9	999.9	99.9	99.9	99.9	280.3	289.2	3.4	62.6	999.9	999.
1.4	9.0	359.8	961.0	3.6	-2.0	999.9	99.9	99.9	99.9	280.3	289.4	3.4	66.6	999.9	999.
1.8	10.0	453.2	950.0	2.8	-1.8	999.9	99.9	99.9	99.9	280.4	289.7	3.5	71.7	999.9	999.
2.1	11.0	573.2	936.0	1.6	-2.3	999.9	99.9	99.9	99.9	280.4	289.5	3.5	75.4	999.9	999.
2.4	12.0	659.7	926.0	0.6	-2.5	999.9	99.9	99.9	99.9	280.3	289.4	3.4	79.6	999.9	999.
2.8	13.0	755.6	915.0	-0.0	-2.2	999.9	99.9	99.9	99.9	280.6	289.9	3.6	85.0	999.9	999.
3.1	14.0	852.4	904.0	-1.1	-2.7	999.9	99.9	99.9	99.9	280.4	289.5	3.5	88.6	999.9	999.
3.5	15.0	950.0	893.0	-1.7	-3.3	999.9	99.9	99.9	99.9	280.8	289.6	3.4	88.9	999.9	999.
4.0	16.0	1057.7	881.0	-2.2	-3.7	999.9	99.9	99.9	99.9	281.4	290.1	3.3	89.2	999.9	999.
4.4	17.0	1157.4	870.0	-3.1	-4.3	999.9	99.9	99.9	99.9	281.4	289.8	3.2	91.4	999.9	999.
4.7	18.0	1258.0	859.0	-4.4	-5.0	999.9	99.9	99.9	99.9	281.1	289.3	3.1	95.3	999.9	999.
5.1	19.0	1350.3	849.0	-5.0	-5.5	999.9	99.9	99.9	99.9	281.4	289.4	3.0	95.8	999.9	999.
5.4	20.0	1452.7	838.0	-5.9	-6.4	999.9	99.9	99.9	99.9	281.5	289.0	2.8	96.1	999.9	999.
5.9	21.0	1565.7	826.0	-6.3	-6.8	999.9	99.9	99.9	99.9	282.2	289.6	2.8	96.4	999.9	999.
6.1	22.0	1661.0	816.0	-6.9	-7.3	999.9	99.9	99.9	99.9	282.5	289.8	2.7	96.7	999.9	999.
6.4	23.0	1757.3	806.0	-6.6	-7.6	999.9	99.9	99.9	99.9	283.8	291.1	2.7	92.4	999.9	999.
6.8	24.0	1855.0	796.0	-6.2	-10.4	999.9	99.9	99.9	99.9	285.3	291.3	2.2	72.1	999.9	999.
7.2	25.0	1954.0	786.0	-6.2	-11.7	999.9	99.9	99.9	99.9	286.3	291.8	2.0	65.0	999.9	999.
7.7	26.0	2074.5	774.0	-6.2	-13.4	999.9	99.9	99.9	99.9	287.5	292.5	1.8	56.5	999.9	999.
8.1	27.0	2176.3	764.0	-6.0	-14.5	999.9	99.9	99.9	99.9	288.7	293.4	1.6	51.1	999.9	999.
8.5	28.0	2269.1	755.0	-5.9	-15.5	999.9	99.9	99.9	99.9	289.8	294.2	1.5	46.5	999.9	999.
8.9	29.0	2373.6	745.0	-6.0	-17.5	999.9	99.9	99.9	99.9	290.7	294.5	1.3	39.5	999.9	999.
9.3	30.0	2468.7	736.0	-6.5	-18.8	999.9	99.9	99.9	99.9	291.3	294.7	1.2	36.6	999.9	999.
9.8	31.0	2575.5	726.0	-6.9	-20.3	999.9	99.9	99.9	99.9	291.9	295.0	1.0	33.4	999.9	999.
10.1	32.0	2672.8	717.0	-7.2	-22.0	999.9	99.9	99.9	99.9	292.6	295.3	0.9	29.4	999.9	999.
10.6	33.0	2771.1	708.0	-8.1	-22.6	999.9	99.9	99.9	99.9	292.7	295.3	0.9	29.8	999.9	999.
11.0	34.0	2870.3	699.0	-8.7	-24.3	999.9	99.9	99.9	99.9	293.1	295.4	0.8	26.8	999.9	999.
11.4	35.0	2970.5	690.0	-10.0	-25.3	999.9	99.9	99.9	99.9	292.7	294.9	0.7	27.3	999.9	999.
11.9	36.0	3094.3	679.0	-10.5	-25.5	999.9	99.9	99.9	99.9	293.4	295.5	0.7	27.6	999.9	999.
12.2	37.0	3196.9	670.0	-11.3	-27.9	999.9	99.9	99.9	99.9	293.7	295.5	0.6	23.8	999.9	999.
12.6	38.0	3300.6	661.0	-11.5	-28.5	999.9	99.9	99.9	99.9	294.5	296.2	0.5	22.9	999.9	999.
13.1	39.0	3405.6	652.0	-12.0	-32.8	999.9	99.9	99.9	99.9	295.2	296.4	0.4	15.6	999.9	999.
13.5	40.0	3499.9	644.0	-12.8	-37.5	999.9	99.9	99.9	99.9	295.2	296.0	0.2	10.5	999.9	999.
13.9	41.0	3631.1	633.0	-13.5	-42.4	999.9	99.9	99.9	99.9	295.9	296.4	0.1	6.6	999.9	999.
14.3	42.0	3727.7	625.0	-14.2	-46.9	999.9	99.9	99.9	99.9	296.2	296.5	0.1	4.3	999.9	999.
14.6	43.0	3837.6	616.0	-14.9	-47.2	999.9	99.9	99.9	99.9	296.6	296.9	0.1	4.4	999.9	999.
15.0	44.0	3936.3	608.0	-15.9	-47.7	999.9	99.9	99.9	99.9	296.6	296.9	0.1	4.5	999.9	999.
15.4	45.0	4048.4	599.0	-16.8	-48.2	999.9	99.9	99.9	99.9	296.7	297.0	0.1	4.6	999.9	999.
15.7	46.0	4149.3	591.0	-17.5	-47.5	999.9	99.9	99.9	99.9	297.1	297.4	0.1	5.3	999.9	999.
16.1	47.0	4251.1	583.0	-18.3	-49.0	999.9	99.9	99.9	99.9	297.3	297.6	0.1	4.7	999.9	999.
16.5	48.0	4354.0	575.0	-19.4	-50.3	999.9	99.9	99.9	99.9	297.2	297.4	0.1	4.2	999.9	999.
16.8	49.0	4458.0	567.0	-20.2	-51.2	999.9	99.9	99.9	99.9	297.4	297.6	0.1	4.3	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
2315 GMT

156 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
17.2	50.0	4563.1	559.0	-21.2	-54.4	999.9	99.9	99.9	99.9	297.5	297.7	0.0	3.2	999.9	999.
17.7	51.0	4682.6	550.0	-22.4	-56.6	999.9	99.9	99.9	99.9	297.5	297.6	0.0	2.7	999.9	999.
18.2	52.0	4790.0	542.0	-23.2	-56.9	999.9	99.9	99.9	99.9	297.8	297.9	0.0	2.8	999.9	999.
18.6	53.0	4898.7	534.0	-24.0	-59.2	999.9	99.9	99.9	99.9	298.1	298.2	0.0	2.3	999.9	999.
19.0	54.0	5008.7	526.0	-25.1	-59.5	999.9	99.9	99.9	99.9	298.1	298.2	0.0	2.4	999.9	999.
19.5	55.0	5105.9	519.0	-25.8	-59.8	999.9	99.9	99.9	99.9	298.3	298.4	0.0	2.5	999.9	999.
20.0	56.0	5246.5	509.0	-26.9	-62.4	999.9	99.9	99.9	99.9	298.7	298.7	0.0	1.9	999.9	999.
20.4	57.0	5346.2	502.0	-27.8	-62.6	999.9	99.9	99.9	99.9	298.7	298.8	0.0	2.0	999.9	999.
20.9	58.0	5461.4	494.0	-28.9	-63.0	999.9	99.9	99.9	99.9	298.8	298.8	0.0	2.1	999.9	999.
21.3	59.0	5563.3	487.0	-29.6	-61.3	999.9	99.9	99.9	99.9	299.2	299.3	0.0	2.9	999.9	999.
21.6	60.0	5666.4	480.0	-30.5	-65.9	999.9	99.9	99.9	99.9	299.3	299.3	0.0	1.7	999.9	999.
22.1	61.0	5785.8	472.0	-31.0	-69.8	999.9	99.9	99.9	99.9	300.1	300.1	0.0	1.0	999.9	999.
22.5	62.0	5891.6	465.0	-31.8	-66.2	999.9	99.9	99.9	99.9	300.4	300.4	0.0	1.8	999.9	999.
22.9	63.0	5998.6	458.0	-32.6	-55.0	999.9	99.9	99.9	99.9	300.7	300.8	0.0	8.6	999.9	999.
23.3	64.0	6106.9	451.0	-33.6	-47.1	999.9	99.9	99.9	99.9	300.8	301.2	0.1	23.8	999.9	999.
23.6	65.0	6200.7	445.0	-34.5	-41.9	999.9	99.9	99.9	99.9	300.8	301.5	0.2	46.3	999.9	999.
24.1	66.0	6343.3	436.0	-35.4	-41.2	999.9	99.9	99.9	99.9	301.4	302.2	0.2	54.8	999.9	999.
24.4	67.0	6455.9	429.0	-36.0	-40.7	999.9	99.9	99.9	99.9	302.1	302.9	0.2	60.9	999.9	999.
24.7	68.0	6553.6	423.0	-36.6	-41.1	999.9	99.9	99.9	99.9	302.5	303.3	0.2	62.9	999.9	999.
25.1	69.0	6669.1	416.0	-37.3	-41.2	999.9	99.9	99.9	99.9	303.0	303.9	0.2	66.6	999.9	999.
25.5	70.0	6769.4	410.0	-37.6	-41.8	999.9	99.9	99.9	99.9	303.9	304.7	0.2	64.5	999.9	999.
25.9	71.0	6905.1	402.0	-38.5	-42.9	999.9	99.9	99.9	99.9	304.4	305.1	0.2	62.7	999.9	999.
26.3	72.0	7025.8	395.0	-38.7	-43.5	999.9	99.9	99.9	99.9	305.8	306.5	0.2	59.6	999.9	999.
26.5	73.0	7130.7	389.0	-39.5	-44.8	999.9	99.9	99.9	99.9	306.0	306.6	0.2	56.6	999.9	999.
26.9	74.0	7237.0	383.0	-40.1	99.9	999.9	99.9	99.9	99.9	306.7	999.9	99.9	999.9	999.9	999.
27.3	75.0	7344.9	377.0	-39.8	-45.1	999.9	99.9	99.9	99.9	308.4	309.0	0.2	56.5	999.9	999.
27.5	76.0	7454.5	371.0	-39.8	-45.0	999.9	99.9	99.9	99.9	309.8	310.5	0.2	57.0	999.9	999.
28.1	77.0	7564.0	365.0	-39.9	-45.1	999.9	99.9	99.9	99.9	311.1	311.7	0.2	56.9	999.9	999.
28.5	78.0	7679.1	359.0	-40.5	99.9	999.9	99.9	99.9	99.9	311.9	999.9	99.9	999.9	999.9	999.
29.1	79.0	7793.8	353.0	-41.2	99.9	999.9	99.9	99.9	99.9	312.5	999.9	99.9	999.9	999.9	999.
29.5	80.0	7910.2	347.0	-41.3	99.9	999.9	99.9	99.9	99.9	313.8	999.9	99.9	999.9	999.9	999.
30.1	81.0	8048.2	340.0	-42.6	99.9	999.9	99.9	99.9	99.9	313.9	999.9	99.9	999.9	999.9	999.
30.5	82.0	8168.4	334.0	-42.7	99.9	999.9	99.9	99.9	99.9	315.4	999.9	99.9	999.9	999.9	999.
31.0	83.0	8290.5	328.0	-43.7	99.9	999.9	99.9	99.9	99.9	315.6	999.9	99.9	999.9	999.9	999.
31.5	84.0	8393.7	323.0	-44.1	99.9	999.9	99.9	99.9	99.9	316.4	999.9	99.9	999.9	999.9	999.
31.9	85.0	8519.2	317.0	-45.1	99.9	999.9	99.9	99.9	99.9	316.7	999.9	99.9	999.9	999.9	999.
32.5	86.0	8646.5	311.0	-46.4	99.9	999.9	99.9	99.9	99.9	316.6	999.9	99.9	999.9	999.9	999.
32.9	87.0	8775.5	305.0	-47.5	99.9	999.9	99.9	99.9	99.9	317.0	999.9	99.9	999.9	999.9	999.
33.4	88.0	8884.5	300.0	-48.7	99.9	999.9	99.9	99.9	99.9	316.8	999.9	99.9	999.9	999.9	999.
33.8	89.0	8994.7	295.0	-49.9	99.9	999.9	99.9	99.9	99.9	316.6	999.9	99.9	999.9	999.9	999.
34.2	90.0	9106.3	290.0	-50.9	99.9	999.9	99.9	99.9	99.9	316.6	999.9	99.9	999.9	999.9	999.
34.6	91.0	9219.3	285.0	-51.7	99.9	999.9	99.9	99.9	99.9	317.1	999.9	99.9	999.9	999.9	999.
35.0	92.0	9333.7	280.0	-53.1	99.9	999.9	99.9	99.9	99.9	316.7	999.9	99.9	999.9	999.9	999.
35.5	93.0	9449.6	275.0	-54.1	99.9	999.9	99.9	99.9	99.9	316.9	999.9	99.9	999.9	999.9	999.
35.9	94.0	9567.0	270.0	-55.1	99.9	999.9	99.9	99.9	99.9	317.1	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
2315 GMT

156 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.4	95.0	9686.2	265.0	-56.1	99.9	999.9	99.9	99.9	99.9	317.4	999.9	99.9	999.9	999.9	999.9
37.0	96.0	9832.6	259.0	-53.8	99.9	999.9	99.9	99.9	99.9	322.8	999.9	99.9	999.9	999.9	999.9
37.5	97.0	9957.8	254.0	-53.8	99.9	999.9	99.9	99.9	99.9	324.7	999.9	99.9	999.9	999.9	999.9
37.9	98.0	10059.7	250.0	-54.4	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	999.9	999.9	999.9
38.3	99.0	10189.0	245.0	-54.9	99.9	999.9	99.9	99.9	99.9	326.3	999.9	99.9	999.9	999.9	999.9
38.7	100.0	10320.9	240.0	-54.6	99.9	999.9	99.9	99.9	99.9	328.7	999.9	99.9	999.9	999.9	999.9
39.4	101.0	10456.0	235.0	-53.3	99.9	999.9	99.9	99.9	99.9	332.7	999.9	99.9	999.9	999.9	999.9
39.9	102.0	10594.5	230.0	-53.3	99.9	999.9	99.9	99.9	99.9	334.7	999.9	99.9	999.9	999.9	999.9
40.5	103.0	10707.3	226.0	-54.1	99.9	999.9	99.9	99.9	99.9	335.2	999.9	99.9	999.9	999.9	999.9
40.9	104.0	10821.9	222.0	-54.1	99.9	999.9	99.9	99.9	99.9	336.9	999.9	99.9	999.9	999.9	999.9
41.4	105.0	10968.1	217.0	-53.9	99.9	999.9	99.9	99.9	99.9	339.4	999.9	99.9	999.9	999.9	999.9
41.9	106.0	11087.6	213.0	-53.9	99.9	999.9	99.9	99.9	99.9	341.2	999.9	99.9	999.9	999.9	999.9
42.4	107.0	11209.3	209.0	-54.1	99.9	999.9	99.9	99.9	99.9	342.8	999.9	99.9	999.9	999.9	999.9
42.9	108.0	11333.0	205.0	-54.9	99.9	999.9	99.9	99.9	99.9	343.4	999.9	99.9	999.9	999.9	999.9
43.3	109.0	11458.7	201.0	-55.9	99.9	999.9	99.9	99.9	99.9	343.8	999.9	99.9	999.9	999.9	999.9
43.9	110.0	11586.4	197.0	-56.6	99.9	999.9	99.9	99.9	99.9	344.7	999.9	99.9	999.9	999.9	999.9
44.5	111.0	11749.0	192.0	-57.8	99.9	999.9	99.9	99.9	99.9	345.3	999.9	99.9	999.9	999.9	999.9
45.0	112.0	11881.7	188.0	-58.3	99.9	999.9	99.9	99.9	99.9	346.5	999.9	99.9	999.9	999.9	999.9
45.5	113.0	12017.0	184.0	-58.3	99.9	999.9	99.9	99.9	99.9	348.7	999.9	99.9	999.9	999.9	999.9
46.1	114.0	12155.4	180.0	-58.3	99.9	999.9	99.9	99.9	99.9	350.9	999.9	99.9	999.9	999.9	999.9
46.6	115.0	12296.8	176.0	-58.3	99.9	999.9	99.9	99.9	99.9	353.1	999.9	99.9	999.9	999.9	999.9
47.3	116.0	12441.7	172.0	-57.6	99.9	999.9	99.9	99.9	99.9	356.6	999.9	99.9	999.9	999.9	999.9
47.9	117.0	12590.7	168.0	-56.4	99.9	999.9	99.9	99.9	99.9	361.0	999.9	99.9	999.9	999.9	999.9
48.5	118.0	12743.9	164.0	-55.7	99.9	999.9	99.9	99.9	99.9	364.6	999.9	99.9	999.9	999.9	999.9
49.0	119.0	12861.6	161.0	-55.2	99.9	999.9	99.9	99.9	99.9	367.4	999.9	99.9	999.9	999.9	999.9
49.5	120.0	13022.1	157.0	-55.6	99.9	999.9	99.9	99.9	99.9	369.5	999.9	99.9	999.9	999.9	999.9
50.0	121.0	13186.3	153.0	-56.2	99.9	999.9	99.9	99.9	99.9	371.1	999.9	99.9	999.9	999.9	999.9
50.6	122.0	13312.0	150.0	-56.4	99.9	999.9	99.9	99.9	99.9	372.9	999.9	99.9	999.9	999.9	999.9
51.0	123.0	13483.6	146.0	-56.4	99.9	999.9	99.9	99.9	99.9	375.8	999.9	99.9	999.9	999.9	999.9
51.6	124.0	13615.3	143.0	-56.9	99.9	999.9	99.9	99.9	99.9	377.1	999.9	99.9	999.9	999.9	999.9
52.1	125.0	13749.8	140.0	-56.2	99.9	999.9	99.9	99.9	99.9	380.6	999.9	99.9	999.9	999.9	999.9
52.9	126.0	13934.0	136.0	-56.1	99.9	999.9	99.9	99.9	99.9	384.1	999.9	99.9	999.9	999.9	999.9
53.7	127.0	14076.1	133.0	-55.4	99.9	999.9	99.9	99.9	99.9	387.7	999.9	99.9	999.9	999.9	999.9
54.4	128.0	14270.9	129.0	-55.2	99.9	999.9	99.9	99.9	99.9	391.4	999.9	99.9	999.9	999.9	999.9
55.1	129.0	14420.9	126.0	-55.9	99.9	999.9	99.9	99.9	99.9	392.9	999.9	99.9	999.9	999.9	999.9
55.6	130.0	14574.0	123.0	-56.4	99.9	999.9	99.9	99.9	99.9	394.7	999.9	99.9	999.9	999.9	999.9
56.3	131.0	14783.8	119.0	-56.6	99.9	999.9	99.9	99.9	99.9	398.1	999.9	99.9	999.9	999.9	999.9
56.9	132.0	14945.8	116.0	-56.8	99.9	999.9	99.9	99.9	99.9	400.7	999.9	99.9	999.9	999.9	999.9
57.5	133.0	15112.2	113.0	-55.9	99.9	999.9	99.9	99.9	99.9	405.3	999.9	99.9	999.9	999.9	999.9
58.1	134.0	15283.1	110.0	-56.6	99.9	999.9	99.9	99.9	99.9	407.2	999.9	99.9	999.9	999.9	999.9
58.7	135.0	15458.2	107.0	-57.4	99.9	999.9	99.9	99.9	99.9	408.8	999.9	99.9	999.9	999.9	999.9
59.5	136.0	15637.7	104.0	-57.9	99.9	999.9	99.9	99.9	99.9	411.1	999.9	99.9	999.9	999.9	999.9
60.3	137.0	15884.0	100.0	-59.5	99.9	999.9	99.9	99.9	99.9	412.7	999.9	99.9	999.9	999.9	999.9
61.1	138.0	16074.1	97.0	-60.6	99.9	999.9	99.9	99.9	99.9	414.2	999.9	99.9	999.9	999.9	999.9
61.9	139.0	16269.2	94.0	-61.7	99.9	999.9	99.9	99.9	99.9	415.8	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

6 FEBRUARY 1975  
2315 GMT

156 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PNT T DG K	E PNT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.7	140.0	16539.8	90.0	-59.7	99.9	999.9	99.9	99.9	99.9	425.0	999.9	99.9	999.9	999.9	999.
63.5	141.0	16752.0	87.0	-59.2	99.9	999.9	99.9	99.9	99.9	430.2	999.9	99.9	999.9	999.9	999.
64.3	142.0	16971.9	84.0	-59.2	99.9	999.9	99.9	99.9	99.9	434.5	999.9	99.9	999.9	999.9	999.
65.4	143.0	17276.9	80.0	-60.3	99.9	999.9	99.9	99.9	99.9	438.4	999.9	99.9	999.9	999.9	999.
66.5	144.0	17514.4	77.0	-61.9	99.9	999.9	99.9	99.9	99.9	439.8	999.9	99.9	999.9	999.9	999.
67.5	145.0	17759.6	74.0	-63.0	99.9	999.9	99.9	99.9	99.9	442.4	999.9	99.9	999.9	999.9	999.
68.7	146.0	18014.4	71.0	-62.9	99.9	999.9	99.9	99.9	99.9	448.1	999.9	99.9	999.9	999.9	999.
69.7	147.0	18281.0	68.0	-61.9	99.9	999.9	99.9	99.9	99.9	455.7	999.9	99.9	999.9	999.9	999.
70.9	148.0	18560.4	65.0	-61.5	99.9	999.9	99.9	99.9	99.9	462.5	999.9	99.9	999.9	999.9	999.
72.0	149.0	18854.3	62.0	-60.1	99.9	999.9	99.9	99.9	99.9	472.0	999.9	99.9	999.9	999.9	999.
72.9	150.0	19163.2	59.0	-61.0	99.9	999.9	99.9	99.9	99.9	476.7	999.9	99.9	999.9	999.9	999.
74.0	151.0	19486.7	56.0	-62.1	99.9	999.9	99.9	99.9	99.9	481.3	999.9	99.9	999.9	999.9	999.
75.4	152.0	19945.2	52.0	-61.7	99.9	999.9	99.9	99.9	99.9	492.5	999.9	99.9	999.9	999.9	999.
76.7	153.0	20312.3	49.0	-62.9	99.9	999.9	99.9	99.9	99.9	498.3	999.9	99.9	999.9	999.9	999.
77.9	154.0	20700.7	46.0	-63.6	99.9	999.9	99.9	99.9	99.9	505.5	999.9	99.9	999.9	999.9	999.
79.2	155.0	21114.6	43.0	-63.6	99.9	999.9	99.9	99.9	99.9	515.3	999.9	99.9	999.9	999.9	999.
80.9	156.0	21557.9	40.0	-64.2	99.9	999.9	99.9	99.9	99.9	524.6	999.9	99.9	999.9	999.9	999.
82.4	157.0	22034.1	37.0	-65.0	99.9	999.9	99.9	99.9	99.9	534.4	999.9	99.9	999.9	999.9	999.
83.8	158.0	22546.3	34.0	-67.7	99.9	999.9	99.9	99.9	99.9	540.4	999.9	99.9	999.9	999.9	999.
85.8	159.0	23101.9	31.0	-67.9	99.9	999.9	99.9	99.9	99.9	554.3	999.9	99.9	999.9	999.9	999.
88.2	160.0	23716.9	28.0	-65.8	99.9	999.9	99.9	99.9	99.9	576.5	999.9	99.9	999.9	999.9	999.

STATION NO. 486  
FORT TOTTEN, N Y

7 FEBRUARY 1975  
515 GMT

158 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX R TO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	8.0	1004.8	4.7	-3.6	999.9	99.9	99.9	99.9	277.9	285.5	2.9	55.0	999.9	999.
0.3	6.0	71.5	957.0	4.2	-3.2	999.9	99.9	99.9	99.9	278.0	285.9	3.0	58.4	999.9	999.
0.6	7.0	169.9	985.0	3.5	-2.3	999.9	99.9	99.9	99.9	278.3	286.8	3.3	65.5	999.9	999.
0.9	8.0	260.9	974.0	2.5	-2.2	999.9	99.9	99.9	99.9	278.2	286.9	3.3	71.0	999.9	999.
1.3	9.0	352.7	963.0	1.7	-1.9	999.9	99.9	99.9	99.9	278.3	287.3	3.5	77.2	999.9	999.
1.7	10.0	445.2	952.0	0.7	-2.2	999.9	99.9	99.9	99.9	278.2	287.1	3.4	80.9	999.9	999.
2.1	11.0	564.1	938.0	-0.4	-2.7	999.9	99.9	99.9	99.9	278.2	286.9	3.3	84.5	999.9	999.
2.5	12.0	658.3	927.0	-1.4	-2.8	999.9	99.9	99.9	99.9	278.2	286.9	3.4	90.0	999.9	999.
2.9	13.0	753.4	916.0	-2.1	-3.4	999.9	99.9	99.9	99.9	278.3	286.8	3.2	90.8	999.9	999.
3.3	14.0	849.4	905.0	-2.5	-3.8	999.9	99.9	99.9	99.9	278.9	287.3	3.2	90.5	999.9	999.
3.7	15.0	946.5	894.0	-3.1	-4.3	999.9	99.9	99.9	99.9	279.3	287.5	3.1	91.4	999.9	999.
4.2	16.0	1053.4	882.0	-4.0	-5.0	999.9	99.9	99.9	99.9	279.4	287.2	3.0	92.7	999.9	999.
4.5	17.0	1152.4	871.0	-4.8	-5.7	999.9	99.9	99.9	99.9	279.6	287.2	2.9	93.0	999.9	999.
4.9	18.0	1252.4	860.0	-5.4	-6.1	999.9	99.9	99.9	99.9	279.9	287.4	2.8	94.8	999.9	999.
5.2	19.0	1344.1	850.0	-6.0	-6.7	999.9	99.9	99.9	99.9	280.2	287.5	2.7	94.7	999.9	999.
5.6	20.0	1446.1	839.0	-6.9	-7.6	999.9	99.9	99.9	99.9	280.3	287.2	2.6	94.6	999.9	999.
6.0	21.0	1568.0	826.0	-7.2	-7.9	999.9	99.9	99.9	99.9	281.3	288.1	2.6	94.4	999.9	999.
6.3	22.0	1662.9	816.0	-7.9	-8.7	999.9	99.9	99.9	99.9	281.4	288.0	2.4	93.9	999.9	999.
6.6	23.0	1758.8	806.0	-8.2	-9.1	999.9	99.9	99.9	99.9	282.1	288.6	2.4	93.0	999.9	999.
7.0	24.0	1856.0	796.0	-7.5	-8.6	999.9	99.9	99.9	99.9	283.9	290.7	2.5	91.2	999.9	999.
7.3	25.0	1954.5	786.0	-7.6	-9.1	999.9	99.9	99.9	99.9	284.8	291.5	2.4	88.8	999.9	999.
7.7	26.0	2074.2	774.0	-8.0	-9.8	999.9	99.9	99.9	99.9	285.5	292.0	2.4	87.4	999.9	999.
8.1	27.0	2175.3	764.0	-8.3	-10.1	999.9	99.9	99.9	99.9	286.3	292.7	2.3	87.3	999.9	999.
8.5	28.0	2277.5	754.0	-8.8	-10.5	999.9	99.9	99.9	99.9	286.9	293.2	2.3	87.5	999.9	999.
8.8	29.0	2370.6	745.0	-9.4	-11.1	999.9	99.9	99.9	99.9	287.2	293.4	2.2	87.3	999.9	999.
9.2	30.0	2475.1	735.0	-9.5	-11.1	999.9	99.9	99.9	99.9	288.2	294.4	2.2	88.1	999.9	999.
9.6	31.0	2570.3	726.0	-9.9	-11.4	999.9	99.9	99.9	99.9	288.7	294.9	2.2	89.1	999.9	999.
10.0	32.0	2677.1	716.0	-10.9	-12.3	999.9	99.9	99.9	99.9	288.7	294.6	2.1	89.3	999.9	999.
10.4	33.0	2774.3	707.0	-11.7	-12.8	999.9	99.9	99.9	99.9	289.0	294.7	2.0	91.3	999.9	999.
10.8	34.0	2872.4	698.0	-12.4	-13.5	999.9	99.9	99.9	99.9	289.3	294.7	1.9	91.1	999.9	999.
11.2	35.0	2971.5	689.0	-12.9	-14.1	999.9	99.9	99.9	99.9	289.7	295.0	1.9	90.7	999.9	999.
11.6	36.0	3105.4	677.0	-13.8	-15.0	999.9	99.9	99.9	99.9	290.2	295.2	1.8	90.5	999.9	999.
12.0	37.0	3207.1	668.0	-14.5	-15.8	999.9	99.9	99.9	99.9	290.5	295.3	1.7	89.7	999.9	999.
12.4	38.0	3298.3	660.0	-15.2	-16.4	999.9	99.9	99.9	99.9	290.7	295.3	1.6	89.8	999.9	999.
12.7	39.0	3402.0	651.0	-15.8	-17.3	999.9	99.9	99.9	99.9	291.1	295.4	1.5	88.3	999.9	999.
13.0	40.0	3506.9	642.0	-16.4	-20.7	999.9	99.9	99.9	99.9	291.6	294.9	1.1	69.2	999.9	999.
13.5	41.0	3636.8	631.0	-17.1	-22.4	999.9	99.9	99.9	99.9	292.2	295.2	1.0	63.0	999.9	999.
13.9	42.0	3744.5	622.0	-17.8	-23.5	999.9	99.9	99.9	99.9	292.6	295.4	0.9	60.8	999.9	999.
14.2	43.0	3841.3	614.0	-18.3	-24.3	999.9	99.9	99.9	99.9	293.1	295.7	0.9	59.3	999.9	999.
14.6	44.0	3951.4	605.0	-19.0	-24.8	999.9	99.9	99.9	99.9	293.5	296.1	0.8	60.1	999.9	999.
15.0	45.0	4050.5	597.0	-19.3	-25.7	999.9	99.9	99.9	99.9	294.3	296.7	0.8	56.3	999.9	999.
15.5	46.0	4150.8	589.0	-19.7	-27.0	999.9	99.9	99.9	99.9	295.0	297.2	0.7	51.8	999.9	999.
15.9	47.0	4252.2	581.0	-20.7	-28.1	999.9	99.9	99.9	99.9	294.9	296.9	0.6	51.6	999.9	999.
16.4	48.0	4367.5	572.0	-21.4	-29.5	999.9	99.9	99.9	99.9	295.4	297.2	0.6	47.6	999.9	999.
16.8	49.0	4471.2	564.0	-22.3	-30.5	999.9	99.9	99.9	99.9	295.5	297.1	0.5	47.1	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

7 FEBRUARY 1975  
515 GMT

158 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CJMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.2	50.0	4576.0	556.0	-23.0	-31.3	999.9	99.9	99.9	99.9	295.9	297.5	0.5	46.4	999.9	999.
17.8	51.0	4708.8	546.0	-24.1	-32.4	999.9	99.9	99.9	99.9	296.2	297.6	0.5	45.7	999.9	999.
18.2	52.0	4816.3	538.0	-24.9	-33.7	999.9	99.9	99.9	99.9	296.4	297.7	0.4	43.2	999.9	999.
18.6	53.0	4925.1	530.0	-25.7	-35.4	999.9	99.9	99.9	99.9	296.8	297.9	0.3	39.5	999.9	999.
19.0	54.0	5021.3	523.0	-26.7	-36.2	999.9	99.9	99.9	99.9	296.6	297.7	0.3	40.0	999.9	999.
19.3	55.0	5132.4	515.0	-27.5	-37.0	999.9	99.9	99.9	99.9	297.0	298.0	0.3	39.6	999.9	999.
19.8	56.0	5259.0	506.0	-28.7	-38.1	999.9	99.9	99.9	99.9	297.0	297.9	0.3	39.5	999.9	999.
20.1	57.0	5372.8	498.0	-29.8	-38.7	999.9	99.9	99.9	99.9	297.1	298.0	0.3	41.2	999.9	999.
20.4	58.0	5473.6	491.0	-30.7	-38.8	999.9	99.9	99.9	99.9	297.1	298.0	0.3	44.4	999.9	999.
20.8	59.0	5590.0	483.0	-31.6	-40.0	999.9	99.9	99.9	99.9	297.4	298.2	0.2	42.9	999.9	999.
21.1	60.0	5693.1	476.0	-32.7	-40.2	999.9	99.9	99.9	99.9	297.3	298.1	0.2	46.5	999.9	999.
21.5	61.0	5812.3	468.0	-33.7	-41.0	999.9	99.9	99.9	99.9	297.5	298.2	0.2	47.3	999.9	999.
21.9	62.0	5917.7	461.0	-34.9	-41.4	999.9	99.9	99.9	99.9	297.2	298.0	0.2	51.1	999.9	999.
22.3	63.0	6024.3	454.0	-35.6	-40.8	999.9	99.9	99.9	99.9	297.7	298.5	0.2	58.2	999.9	999.
22.7	64.0	6132.2	447.0	-36.7	-41.1	999.9	99.9	99.9	99.9	297.7	298.4	0.2	62.9	999.9	999.
23.1	65.0	6241.4	440.0	-37.5	-42.1	999.9	99.9	99.9	99.9	298.0	298.7	0.2	61.3	999.9	999.
23.8	66.0	6383.7	431.0	-38.7	-43.6	999.9	99.9	99.9	99.9	298.2	298.8	0.2	59.1	999.9	999.
24.0	67.0	6495.9	424.0	-39.7	-43.9	999.9	99.9	99.9	99.9	298.4	299.0	0.2	63.7	999.9	999.
24.4	68.0	6593.2	418.0	-40.5	99.9	999.9	99.9	99.9	99.9	298.6	999.9	99.9	999.9	999.9	999.
24.9	69.0	6708.2	411.0	-40.9	99.9	999.9	99.9	99.9	99.9	298.5	999.9	99.9	999.9	999.9	999.
25.3	70.0	6824.9	404.0	-41.7	99.9	999.9	99.9	99.9	99.9	299.9	999.9	99.9	999.9	999.9	999.
25.8	71.0	6960.2	396.0	-42.4	99.9	999.9	99.9	99.9	99.9	300.7	999.9	99.9	999.9	999.9	999.
26.3	72.0	7063.3	390.0	-43.0	99.9	999.9	99.9	99.9	99.9	301.3	999.9	99.9	999.9	999.9	999.
26.7	73.0	7167.7	384.0	-43.7	99.9	999.9	99.9	99.9	99.9	301.7	999.9	99.9	999.9	999.9	999.
27.2	74.0	7291.6	377.0	-42.8	99.9	999.9	99.9	99.9	99.9	304.5	999.9	99.9	999.9	999.9	999.
27.6	75.0	7400.0	371.0	-42.0	99.9	999.9	99.9	99.9	99.9	307.0	999.9	99.9	999.9	999.9	999.
28.0	76.0	7510.6	365.0	-41.3	99.9	999.9	99.9	99.9	99.9	309.3	999.9	99.9	999.9	999.9	999.
28.4	77.0	7623.2	359.0	-41.0	99.9	999.9	99.9	99.9	99.9	311.2	999.9	99.9	999.9	999.9	999.
28.8	78.0	7737.8	353.0	-40.9	99.9	999.9	99.9	99.9	99.9	312.9	999.9	99.9	999.9	999.9	999.
29.3	79.0	7854.4	347.0	-41.0	99.9	999.9	99.9	99.9	99.9	314.2	999.9	99.9	999.9	999.9	999.
29.8	80.0	7972.8	341.0	-41.9	99.9	999.9	99.9	99.9	99.9	314.6	999.9	99.9	999.9	999.9	999.
30.4	81.0	8113.1	334.0	-42.7	99.9	999.9	99.9	99.9	99.9	315.4	999.9	99.9	999.9	999.9	999.
30.8	82.0	8235.3	328.0	-43.1	99.9	999.9	99.9	99.9	99.9	316.4	999.9	99.9	999.9	999.9	999.
31.3	83.0	8359.6	322.0	-43.7	99.9	999.9	99.9	99.9	99.9	317.3	999.9	99.9	999.9	999.9	999.
31.7	84.0	8464.5	317.0	-44.7	99.9	999.9	99.9	99.9	99.9	317.4	999.9	99.9	999.9	999.9	999.
32.2	85.0	8592.2	311.0	-45.5	99.9	999.9	99.9	99.9	99.9	317.9	999.9	99.9	999.9	999.9	999.
32.7	86.0	8721.7	305.0	-46.8	99.9	999.9	99.9	99.9	99.9	317.9	999.9	99.9	999.9	999.9	999.
33.2	87.0	8853.2	299.0	-47.5	99.9	999.9	99.9	99.9	99.9	318.7	999.9	99.9	999.9	999.9	999.
33.7	88.0	8964.5	294.0	-48.1	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.
34.2	89.0	9100.1	288.0	-49.0	99.9	999.9	99.9	99.9	99.9	320.0	999.9	99.9	999.9	999.9	999.
34.7	90.0	9215.0	283.0	-49.3	99.9	999.9	99.9	99.9	99.9	321.2	999.9	99.9	999.9	999.9	999.
35.2	91.0	9331.8	278.0	-49.8	99.9	999.9	99.9	99.9	99.9	322.1	999.9	99.9	999.9	999.9	999.
35.7	92.0	9457.3	273.0	-50.5	99.9	999.9	99.9	99.9	99.9	322.7	999.9	99.9	999.9	999.9	999.
36.2	93.0	9570.7	268.0	-51.0	99.9	999.9	99.9	99.9	99.9	323.8	999.9	99.9	999.9	999.9	999.
36.6	94.0	9693.2	263.0	-51.1	99.9	999.9	99.9	99.9	99.9	325.3	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

7 FEBRUARY 1975  
515 GMT

158 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.1	95.0	9817.9	258.0	-51.6	99.9	999.9	99.9	99.9	99.9	326.4	999.9	99.9	999.9	999.9	999.
37.8	96.0	9970.6	252.0	-51.8	99.9	999.9	99.9	99.9	99.9	328.4	999.9	99.9	999.9	999.9	999.
38.3	97.0	10100.6	247.0	-51.6	99.9	999.9	99.9	99.9	99.9	330.5	999.9	99.9	999.9	999.9	999.
38.9	98.0	10233.3	242.0	-51.6	99.9	999.9	99.9	99.9	99.9	332.4	999.9	99.9	999.9	999.9	999.
39.3	99.0	10341.3	238.0	-52.2	99.9	999.9	99.9	99.9	99.9	333.1	999.9	99.9	999.9	999.9	999.
39.7	100.0	10478.7	233.0	-52.2	99.9	999.9	99.9	99.9	99.9	335.1	999.9	99.9	999.9	999.9	999.
40.1	101.0	10618.7	228.0	-53.5	99.9	999.9	99.9	99.9	99.9	335.3	999.9	99.9	999.9	999.9	999.
40.6	102.0	10761.0	223.0	-54.4	99.9	999.9	99.9	99.9	99.9	335.9	999.9	99.9	999.9	999.9	999.
40.9	103.0	10876.8	219.0	-55.1	99.9	999.9	99.9	99.9	99.9	336.7	999.9	99.9	999.9	999.9	999.
41.3	104.0	11024.1	214.0	-55.9	99.9	999.9	99.9	99.9	99.9	337.7	999.9	99.9	999.9	999.9	999.
41.8	105.0	11143.9	210.0	-56.6	99.9	999.9	99.9	99.9	99.9	338.4	999.9	99.9	999.9	999.9	999.
42.3	106.0	11265.8	206.0	-56.9	99.9	999.9	99.9	99.9	99.9	339.8	999.9	99.9	999.9	999.9	999.
42.8	107.0	11390.0	202.0	-57.1	99.9	999.9	99.9	99.9	99.9	341.4	999.9	99.9	999.9	999.9	999.
43.3	108.0	11548.4	197.0	-57.8	99.9	999.9	99.9	99.9	99.9	342.8	999.9	99.9	999.9	999.9	999.
43.8	109.0	11677.7	193.0	-58.1	99.9	999.9	99.9	99.9	99.9	344.3	999.9	99.9	999.9	999.9	999.
44.3	110.0	11809.6	189.0	-58.1	99.9	999.9	99.9	99.9	99.9	346.3	999.9	99.9	999.9	999.9	999.
44.9	111.0	11978.5	184.0	-58.1	99.9	999.9	99.9	99.9	99.9	349.0	999.9	99.9	999.9	999.9	999.
45.4	112.0	12082.1	181.0	-58.1	99.9	999.9	99.9	99.9	99.9	350.7	999.9	99.9	999.9	999.9	999.
45.8	113.0	12222.6	177.0	-58.8	99.9	999.9	99.9	99.9	99.9	351.8	999.9	99.9	999.9	999.9	999.
46.4	114.0	12366.4	173.0	-58.1	99.9	999.9	99.9	99.9	99.9	355.2	999.9	99.9	999.9	999.9	999.
46.9	115.0	12513.8	169.0	-57.9	99.9	999.9	99.9	99.9	99.9	357.9	999.9	99.9	999.9	999.9	999.
47.6	116.0	12664.9	165.0	-57.8	99.9	999.9	99.9	99.9	99.9	360.6	999.9	99.9	999.9	999.9	999.
48.2	117.0	12819.8	161.0	-57.6	99.9	999.9	99.9	99.9	99.9	363.5	999.9	99.9	999.9	999.9	999.
48.7	118.0	12978.7	157.0	-57.4	99.9	999.9	99.9	99.9	99.9	366.4	999.9	99.9	999.9	999.9	999.
49.2	119.0	13141.9	153.0	-57.1	99.9	999.9	99.9	99.9	99.9	369.7	999.9	99.9	999.9	999.9	999.
49.7	120.0	13267.2	150.0	-57.1	99.9	999.9	99.9	99.9	99.9	371.8	999.9	99.9	999.9	999.9	999.
50.2	121.0	13395.1	147.0	-57.2	99.9	999.9	99.9	99.9	99.9	373.6	999.9	99.9	999.9	999.9	999.
50.8	122.0	13569.7	143.0	-56.9	99.9	999.9	99.9	99.9	99.9	377.2	999.9	99.9	999.9	999.9	999.
51.4	123.0	13704.1	140.0	-56.4	99.9	999.9	99.9	99.9	99.9	380.3	999.9	99.9	999.9	999.9	999.
52.0	124.0	13888.2	136.0	-56.2	99.9	999.9	99.9	99.9	99.9	383.8	999.9	99.9	999.9	999.9	999.
52.6	125.0	14030.1	133.0	-55.7	99.9	999.9	99.9	99.9	99.9	387.1	999.9	99.9	999.9	999.9	999.
53.3	126.0	14224.9	129.0	-54.9	99.9	999.9	99.9	99.9	99.9	392.0	999.9	99.9	999.9	999.9	999.
53.8	127.0	14375.7	126.0	-53.8	99.9	999.9	99.9	99.9	99.9	396.7	999.9	99.9	999.9	999.9	999.
54.3	128.0	14530.2	123.0	-54.8	99.9	999.9	99.9	99.9	99.9	397.7	999.9	99.9	999.9	999.9	999.
54.7	129.0	14687.8	120.0	-55.9	99.9	999.9	99.9	99.9	99.9	398.4	999.9	99.9	999.9	999.9	999.
55.2	130.0	14848.4	117.0	-57.2	99.9	999.9	99.9	99.9	99.9	398.8	999.9	99.9	999.9	999.9	999.
55.8	131.0	15068.2	113.0	-57.6	99.9	999.9	99.9	99.9	99.9	402.2	999.9	99.9	999.9	999.9	999.
56.3	132.0	15237.8	110.0	-58.4	99.9	999.9	99.9	99.9	99.9	403.7	999.9	99.9	999.9	999.9	999.
56.8	133.0	15411.4	107.0	-59.1	99.9	999.9	99.9	99.9	99.9	405.6	999.9	99.9	999.9	999.9	999.
57.4	134.0	15589.4	104.0	-59.8	99.9	999.9	99.9	99.9	99.9	407.5	999.9	99.9	999.9	999.9	999.
58.0	135.0	15772.0	101.0	-60.4	99.9	999.9	99.9	99.9	99.9	409.9	999.9	99.9	999.9	999.9	999.
58.8	136.0	15960.3	98.0	-59.7	99.9	999.9	99.9	99.9	99.9	414.9	999.9	99.9	999.9	999.9	999.
59.7	137.0	16155.4	95.0	-58.1	99.9	999.9	99.9	99.9	99.9	421.6	999.9	99.9	999.9	999.9	999.
60.5	138.0	16426.1	91.0	-58.6	99.9	999.9	99.9	99.9	99.9	425.8	999.9	99.9	999.9	999.9	999.
61.3	139.0	16636.2	88.0	-59.8	99.9	999.9	99.9	99.9	99.9	427.5	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

7 FEBRUARY 1975  
515 GMT

158 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.0	140.0	16853.1	85.0	-59.5	99.9	999.9	99.9	99.9	99.9	432.5	999.9	99.9	999.9	999.9	999.
62.8	141.0	17078.4	82.0	-58.6	99.9	999.9	99.9	99.9	99.9	438.7	999.9	99.9	999.9	999.9	999.
63.6	142.0	17393.1	78.0	-58.1	99.9	999.9	99.9	99.9	99.9	446.1	999.9	99.9	999.9	999.9	999.
64.4	143.0	17640.7	75.0	-57.1	99.9	999.9	99.9	99.9	99.9	453.3	999.9	99.9	999.9	999.9	999.
65.2	144.0	17898.1	72.0	-58.8	99.9	999.9	99.9	99.9	99.9	455.0	999.9	99.9	999.9	999.9	999.
66.2	145.0	18164.9	69.0	-59.5	99.9	999.9	99.9	99.9	99.9	459.0	999.9	99.9	999.9	999.9	999.
67.2	146.0	18441.7	66.0	-61.6	99.9	999.9	99.9	99.9	99.9	460.2	999.9	99.9	999.9	999.9	999.
68.1	147.0	18729.4	63.0	-62.4	99.9	999.9	99.9	99.9	99.9	464.7	999.9	99.9	999.9	999.9	999.
69.1	148.0	19031.8	60.0	-60.7	99.9	999.9	99.9	99.9	99.9	475.0	999.9	99.9	999.9	999.9	999.
70.0	149.0	19349.9	57.0	-62.2	99.9	999.9	99.9	99.9	99.9	478.7	999.9	99.9	999.9	999.9	999.
71.0	150.0	19684.2	54.0	-61.8	99.9	999.9	99.9	99.9	99.9	487.0	999.9	99.9	999.9	999.9	999.
72.1	151.0	19916.6	52.0	-64.1	99.9	999.9	99.9	99.9	99.9	487.0	999.9	99.9	999.9	999.9	999.
73.4	152.0	20280.7	49.0	-63.9	99.9	999.9	99.9	99.9	99.9	495.8	999.9	99.9	999.9	999.9	999.
74.7	153.0	20668.1	46.0	-63.7	99.9	999.9	99.9	99.9	99.9	505.3	999.9	99.9	999.9	999.9	999.
76.1	154.0	21082.8	43.0	-62.8	99.9	999.9	99.9	99.9	99.9	517.5	999.9	99.9	999.9	999.9	999.
77.4	155.0	21528.7	40.0	-62.6	99.9	999.9	99.9	99.9	99.9	528.8	999.9	99.9	999.9	999.9	999.
78.6	156.0	22007.4	37.0	-64.5	99.9	999.9	99.9	99.9	99.9	535.8	999.9	99.9	999.9	999.9	999.
80.2	157.0	22523.5	34.0	-65.1	99.9	999.9	99.9	99.9	99.9	547.3	999.9	99.9	999.9	999.9	999.
81.8	158.0	23084.9	31.0	-66.3	99.9	999.9	99.9	99.9	99.9	558.7	999.9	99.9	999.9	999.9	999.
83.4	159.0	23488.4	29.0	-66.9	99.9	999.9	99.9	99.9	99.9	567.8	999.9	99.9	999.9	999.9	999.
86.0	160.0	24150.8	26.0	-65.3	99.9	999.9	99.9	99.9	99.9	590.4	999.9	99.9	999.9	999.9	999.
88.6	161.0	24898.7	23.0	-64.5	99.9	999.9	99.9	99.9	99.9	613.8	999.9	99.9	999.9	999.9	999.
91.4	162.0	25758.1	20.0	-62.0	99.9	999.9	99.9	99.9	99.9	646.4	999.9	99.9	999.9	999.9	999.

STATION NO. 486  
FORT TOTTEN, N Y

7 FEBRUARY 1975  
1115 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	8.0	1005.4	3.5	-6.7	999.9	99.9	99.9	99.9	276.5	282.6	2.3	47.0	999.9	999.
0.2	6.0	84.2	996.0	3.6	-4.5	999.9	99.9	99.9	99.9	277.4	284.6	2.8	55.6	999.9	999.
0.6	7.0	174.2	985.0	2.4	-2.0	999.9	99.9	99.9	99.9	277.2	285.9	3.4	73.0	999.9	999.
1.0	8.0	273.1	973.0	1.2	-2.6	999.9	99.9	99.9	99.9	276.9	285.4	3.2	75.6	999.9	999.
1.3	9.0	372.9	961.0	0.4	-2.4	999.9	99.9	99.9	99.9	277.1	285.8	3.3	81.4	999.9	999.
1.5	10.0	465.2	950.0	-0.7	-3.4	999.9	99.9	99.9	99.9	276.8	285.0	3.1	82.2	999.9	999.
2.1	11.0	583.6	936.0	-1.8	-4.3	999.9	99.9	99.9	99.9	276.9	284.6	3.0	83.3	999.9	999.
2.5	12.0	677.6	925.0	-2.3	-5.7	999.9	99.9	99.9	99.9	277.3	284.4	2.7	77.8	999.9	999.
2.8	13.0	772.5	914.0	-3.3	-6.6	999.9	99.9	99.9	99.9	277.2	284.0	2.5	77.4	999.9	999.
3.2	14.0	877.0	902.0	-3.9	-6.9	999.9	99.9	99.9	99.9	277.7	284.3	2.5	79.2	999.9	999.
3.5	15.0	973.8	891.0	-4.6	-6.7	999.9	99.9	99.9	99.9	277.8	284.7	2.6	85.2	999.9	999.
3.9	16.0	1089.5	878.0	-5.3	-6.2	999.9	99.9	99.9	99.9	278.4	285.6	2.7	93.2	999.9	999.
4.2	17.0	1188.4	867.0	-5.9	-6.3	999.9	99.9	99.9	99.9	278.8	286.0	2.8	96.6	999.9	999.
4.5	18.0	1288.4	856.0	-6.6	-6.6	999.9	99.9	99.9	99.9	279.0	286.2	2.7	100.2	999.9	999.
4.9	19.0	1389.4	845.0	-7.4	-7.4	999.9	99.9	99.9	99.9	279.2	286.1	2.6	100.0	999.9	999.
5.2	20.0	1482.1	835.0	-8.1	-8.1	999.9	99.9	99.9	99.9	279.4	286.0	2.5	99.9	999.9	999.
5.6	21.0	1613.4	821.0	-9.0	-9.0	999.9	99.9	99.9	99.9	279.8	286.1	2.4	99.8	999.9	999.
5.9	22.0	1708.3	811.0	-9.1	-9.2	999.9	99.9	99.9	99.9	280.6	287.0	2.4	99.8	999.9	999.
6.2	23.0	1804.3	801.0	-9.7	-9.7	999.9	99.9	99.9	99.9	281.0	287.1	2.3	99.7	999.9	999.
6.6	24.0	1901.2	791.0	-10.4	-10.5	999.9	99.9	99.9	99.9	281.2	287.1	2.2	99.6	999.9	999.
6.9	25.0	1999.1	781.0	-11.1	-11.2	999.9	99.9	99.9	99.9	281.4	287.1	2.1	99.5	999.9	999.
7.3	26.0	2128.0	768.0	-11.7	-12.0	999.9	99.9	99.9	99.9	282.2	287.6	2.0	98.1	999.9	999.
7.6	27.0	2238.5	757.0	-12.1	-12.4	999.9	99.9	99.9	99.9	282.9	288.2	1.9	97.6	999.9	999.
8.0	28.0	2330.0	748.0	-12.4	-13.7	999.9	99.9	99.9	99.9	283.5	288.4	1.8	90.2	999.9	999.
8.3	29.0	2432.8	738.0	-12.7	-14.8	999.9	99.9	99.9	99.9	284.3	288.9	1.6	84.2	999.9	999.
8.7	30.0	2536.9	728.0	-12.9	-16.9	999.9	99.9	99.9	99.9	285.2	289.2	1.4	71.7	999.9	999.
9.0	31.0	2631.7	719.0	-13.6	-18.9	999.9	99.9	99.9	99.9	285.4	288.8	1.2	63.8	999.9	999.
9.4	32.0	2738.2	709.0	-14.0	-20.4	999.9	99.9	99.9	99.9	286.1	289.2	1.1	58.2	999.9	999.
9.8	33.0	2835.1	700.0	-14.5	-21.2	999.9	99.9	99.9	99.9	286.5	289.4	1.0	56.7	999.9	999.
10.1	34.0	2944.1	690.0	-15.2	-22.1	999.9	99.9	99.9	99.9	286.9	289.6	0.9	55.3	999.9	999.
10.4	35.0	3043.2	681.0	-15.9	-22.9	999.9	99.9	99.9	99.9	287.2	289.8	0.9	54.6	999.9	999.
10.9	36.0	3165.9	670.0	-16.2	-23.4	999.9	99.9	99.9	99.9	288.2	290.8	0.9	53.6	999.9	999.
11.2	37.0	3279.0	660.0	-16.6	-22.8	999.9	99.9	99.9	99.9	289.0	291.7	0.9	58.3	999.9	999.
11.6	38.0	3382.1	651.0	-17.4	-23.2	999.9	99.9	99.9	99.9	289.2	291.9	0.9	60.3	999.9	999.
11.9	39.0	3486.3	642.0	-17.8	-24.3	999.9	99.9	99.9	99.9	289.9	292.4	0.8	56.7	999.9	999.
12.3	40.0	3580.0	634.0	-18.7	-24.5	999.9	99.9	99.9	99.9	290.0	292.5	0.8	59.9	999.9	999.
12.7	41.0	3710.4	623.0	-19.3	-24.5	999.9	99.9	99.9	99.9	290.7	293.2	0.8	63.2	999.9	999.
13.1	42.0	3818.4	614.0	-20.1	-24.9	999.9	99.9	99.9	99.9	291.0	293.4	0.8	65.3	999.9	999.
13.5	43.0	3927.8	605.0	-20.5	-25.7	999.9	99.9	99.9	99.9	291.7	294.1	0.8	62.9	999.9	999.
13.8	44.0	4038.6	596.0	-21.3	-27.6	999.9	99.9	99.9	99.9	292.0	294.1	0.7	57.0	999.9	999.
14.2	45.0	4138.2	588.0	-22.0	-28.4	999.9	99.9	99.9	99.9	292.4	294.3	0.6	55.6	999.9	999.
14.5	46.0	4238.8	580.0	-23.1	-29.9	999.9	99.9	99.9	99.9	292.3	294.0	0.5	53.5	999.9	999.
14.9	47.0	4340.4	572.0	-23.7	-30.6	999.9	99.9	99.9	99.9	292.7	294.3	0.5	53.0	999.9	999.
15.2	48.0	4456.1	563.0	-24.5	-31.9	999.9	99.9	99.9	99.9	293.0	294.5	0.5	49.9	999.9	999.
15.6	49.0	4560.3	555.0	-25.2	-33.7	999.9	99.9	99.9	99.9	293.5	294.7	0.4	44.7	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486  
FORT TOTTEN, N Y

7 FEBRUARY 1975  
1115 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.0	50.0	4665.6	547.0	-26.0	-34.5	999.9	99.9	99.9	99.9	293.7	294.9	0.4	44.1	999.9	999.
16.4	51.0	4798.9	537.0	-26.9	-35.5	999.9	99.9	99.9	99.9	294.2	295.3	0.3	43.6	999.9	999.
16.8	52.0	4907.0	529.0	-27.8	-36.6	999.9	99.9	99.9	99.9	294.3	295.3	0.3	42.3	999.9	999.
17.2	53.0	5016.4	521.0	-28.6	-39.3	999.9	99.9	99.9	99.9	294.7	295.5	0.2	34.7	999.9	999.
17.5	54.0	5113.0	514.0	-29.8	-41.1	999.9	99.9	99.9	99.9	294.4	295.0	0.2	32.1	999.9	999.
17.9	55.0	5238.7	505.0	-30.7	-43.0	999.9	99.9	99.9	99.9	294.8	295.3	0.2	28.5	999.9	999.
18.4	56.0	5366.2	496.0	-31.7	-45.5	999.9	99.9	99.9	99.9	295.0	295.4	0.1	24.0	999.9	999.
18.8	57.0	5481.0	488.0	-32.5	-49.5	999.9	99.9	99.9	99.9	295.4	295.7	0.1	16.5	999.9	999.
19.1	58.0	5597.3	480.0	-33.4	-50.2	999.9	99.9	99.9	99.9	295.6	295.9	0.1	16.6	999.9	999.
19.5	59.0	5700.2	473.0	-34.4	-50.9	999.9	99.9	99.9	99.9	295.8	296.0	0.1	16.7	999.9	999.
19.9	60.0	5804.3	466.0	-35.3	-51.6	999.9	99.9	99.9	99.9	295.9	296.1	0.1	16.8	999.9	999.
20.2	61.0	5909.5	459.0	-36.3	-52.5	999.9	99.9	99.9	99.9	295.8	296.0	0.1	16.9	999.9	999.
20.6	62.0	6015.9	452.0	-37.4	-53.3	999.9	99.9	99.9	99.9	295.8	296.0	0.1	17.0	999.9	999.
20.9	63.0	6139.0	444.0	-38.2	-54.0	999.9	99.9	99.9	99.9	296.3	296.5	0.1	17.0	999.9	999.
21.3	64.0	6248.1	437.0	-39.0	-54.6	999.9	99.9	99.9	99.9	296.6	296.8	0.0	17.1	999.9	999.
21.7	65.0	6358.6	430.0	-40.1	99.9	999.9	99.9	99.9	99.9	296.7	999.9	99.9	999.9	999.9	999.
22.2	66.0	6486.6	422.0	-41.0	99.9	999.9	99.9	99.9	99.9	297.1	999.9	99.9	999.9	999.9	999.
22.6	67.0	6600.1	415.0	-41.7	99.9	999.9	99.9	99.9	99.9	297.6	999.9	99.9	999.9	999.9	999.
23.0	68.0	6715.1	408.0	-43.0	99.9	999.9	99.9	99.9	99.9	297.5	999.9	99.9	999.9	999.9	999.
23.3	69.0	6814.9	402.0	-43.8	99.9	999.9	99.9	99.9	99.9	297.7	999.9	99.9	999.9	999.9	999.
23.7	70.0	6932.6	395.0	-44.8	99.9	999.9	99.9	99.9	99.9	297.9	999.9	99.9	999.9	999.9	999.
24.2	71.0	7069.1	387.0	-46.0	99.9	999.9	99.9	99.9	99.9	298.0	999.9	99.9	999.9	999.9	999.
24.5	72.0	7173.1	381.0	-46.0	99.9	999.9	99.9	99.9	99.9	299.3	999.9	99.9	999.9	999.9	999.
24.9	73.0	7296.4	374.0	-46.0	99.9	999.9	99.9	99.9	99.9	300.9	999.9	99.9	999.9	999.9	999.
25.3	74.0	7404.3	368.0	-44.9	99.9	999.9	99.9	99.9	99.9	303.8	999.9	99.9	999.9	999.9	999.
25.7	75.0	7514.5	362.0	-43.8	99.9	999.9	99.9	99.9	99.9	306.7	999.9	99.9	999.9	999.9	999.
26.1	76.0	7626.7	356.0	-43.9	99.9	999.9	99.9	99.9	99.9	308.0	999.9	99.9	999.9	999.9	999.
26.5	77.0	7740.8	350.0	-44.3	99.9	999.9	99.9	99.9	99.9	309.0	999.9	99.9	999.9	999.9	999.
26.9	78.0	7856.6	344.0	-44.5	99.9	999.9	99.9	99.9	99.9	310.3	999.9	99.9	999.9	999.9	999.
27.3	79.0	7974.3	338.0	-45.0	99.9	999.9	99.9	99.9	99.9	311.1	999.9	99.9	999.9	999.9	999.
27.7	80.0	8094.0	332.0	-44.9	99.9	999.9	99.9	99.9	99.9	312.9	999.9	99.9	999.9	999.9	999.
28.2	81.0	8236.5	325.0	-44.9	99.9	999.9	99.9	99.9	99.9	314.8	999.9	99.9	999.9	999.9	999.
29.5	82.0	8361.0	319.0	-45.3	99.9	999.9	99.9	99.9	99.9	315.9	999.9	99.9	999.9	999.9	999.
29.0	83.0	8487.5	313.0	-45.9	99.9	999.9	99.9	99.9	99.9	316.8	999.9	99.9	999.9	999.9	999.
29.4	84.0	8594.6	308.0	-46.6	99.9	999.9	99.9	99.9	99.9	317.3	999.9	99.9	999.9	999.9	999.
29.8	85.0	8725.0	302.0	-47.0	99.9	999.9	99.9	99.9	99.9	318.5	999.9	99.9	999.9	999.9	999.
30.3	86.0	8857.8	296.0	-47.4	99.9	999.9	99.9	99.9	99.9	319.7	999.9	99.9	999.9	999.9	999.
30.7	87.0	8993.1	290.0	-47.7	99.9	999.9	99.9	99.9	99.9	321.2	999.9	99.9	999.9	999.9	999.
31.1	88.0	9107.9	285.0	-47.7	99.9	999.9	99.9	99.9	99.9	322.8	999.9	99.9	999.9	999.9	999.
31.5	89.0	9224.9	280.0	-47.4	99.9	999.9	99.9	99.9	99.9	324.8	999.9	99.9	999.9	999.9	999.
32.0	90.0	9368.0	274.0	-47.6	99.9	999.9	99.9	99.9	99.9	326.7	999.9	99.9	999.9	999.9	999.
32.4	91.0	9489.5	269.0	-48.2	99.9	999.9	99.9	99.9	99.9	327.5	999.9	99.9	999.9	999.9	999.
32.9	92.0	9613.1	264.0	-48.6	99.9	999.9	99.9	99.9	99.9	328.7	999.9	99.9	999.9	999.9	999.
33.3	93.0	9738.7	259.0	-49.2	99.9	999.9	99.9	99.9	99.9	329.6	999.9	99.9	999.9	999.9	999.
33.7	94.0	9866.4	254.0	-49.6	99.9	999.9	99.9	99.9	99.9	330.8	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 486  
FORT TOTTEN, N Y

7 FEBRUARY 1975  
1115 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.2	95.0	9970.4	250.0	-49.5	99.9	999.9	99.9	99.9	99.9	332.5	999.9	99.9	999.9	999.9	999.
34.8	96.0	10129.8	244.0	-48.6	99.9	999.9	99.9	99.9	99.9	336.2	999.9	99.9	999.9	999.9	999.
35.2	97.0	10265.8	239.0	-49.5	99.9	999.9	99.9	99.9	99.9	336.8	999.9	99.9	999.9	999.9	999.
35.7	98.0	10404.1	234.0	-49.9	99.9	999.9	99.9	99.9	99.9	338.2	999.9	99.9	999.9	999.9	999.
36.1	99.0	10516.8	230.0	-50.1	99.9	999.9	99.9	99.9	99.9	339.6	999.9	99.9	999.9	999.9	999.
36.5	100.0	10660.2	225.0	-50.8	99.9	999.9	99.9	99.9	99.9	340.6	999.9	99.9	999.9	999.9	999.
37.1	101.0	10806.2	220.0	-51.9	99.9	999.9	99.9	99.9	99.9	341.2	999.9	99.9	999.9	999.9	999.
37.5	102.0	10955.0	215.0	-52.6	99.9	999.9	99.9	99.9	99.9	342.3	999.9	99.9	999.9	999.9	999.
37.9	103.0	11076.1	211.0	-53.2	99.9	999.9	99.9	99.9	99.9	343.2	999.9	99.9	999.9	999.9	999.
38.3	104.0	11199.5	207.0	-52.9	99.9	999.9	99.9	99.9	99.9	345.5	999.9	99.9	999.9	999.9	999.
38.9	105.0	11357.3	202.0	-52.8	99.9	999.9	99.9	99.9	99.9	348.2	999.9	99.9	999.9	999.9	999.
39.2	106.0	11486.5	198.0	-52.5	99.9	999.9	99.9	99.9	99.9	350.7	999.9	99.9	999.9	999.9	999.
39.9	107.0	11618.3	194.0	-52.6	99.9	999.9	99.9	99.9	99.9	352.5	999.9	99.9	999.9	999.9	999.
40.5	108.0	11752.8	190.0	-53.1	99.9	999.9	99.9	99.9	99.9	353.9	999.9	99.9	999.9	999.9	999.
41.1	109.0	11889.8	186.0	-53.4	99.9	999.9	99.9	99.9	99.9	355.5	999.9	99.9	999.9	999.9	999.
41.7	110.0	12029.6	182.0	-54.0	99.9	999.9	99.9	99.9	99.9	356.7	999.9	99.9	999.9	999.9	999.
42.3	111.0	12208.4	177.0	-53.9	99.9	999.9	99.9	99.9	99.9	359.8	999.9	99.9	999.9	999.9	999.
42.7	112.0	12355.1	173.0	-54.3	99.9	999.9	99.9	99.9	99.9	361.4	999.9	99.9	999.9	999.9	999.
43.2	113.0	12505.1	169.0	-54.0	99.9	999.9	99.9	99.9	99.9	364.4	999.9	99.9	999.9	999.9	999.
43.7	114.0	12620.1	166.0	-54.2	99.9	999.9	99.9	99.9	99.9	366.0	999.9	99.9	999.9	999.9	999.
44.1	115.0	12776.3	162.0	-54.8	99.9	999.9	99.9	99.9	99.9	367.5	999.9	99.9	999.9	999.9	999.
44.6	116.0	12936.3	158.0	-54.3	99.9	999.9	99.9	99.9	99.9	370.9	999.9	99.9	999.9	999.9	999.
45.1	117.0	13100.6	154.0	-54.5	99.9	999.9	99.9	99.9	99.9	373.4	999.9	99.9	999.9	999.9	999.
45.6	118.0	13226.6	151.0	-54.6	99.9	999.9	99.9	99.9	99.9	375.2	999.9	99.9	999.9	999.9	999.
46.2	119.0	13398.5	147.0	-54.3	99.9	999.9	99.9	99.9	99.9	378.7	999.9	99.9	999.9	999.9	999.
46.8	120.0	13530.7	144.0	-54.3	99.9	999.9	99.9	99.9	99.9	380.9	999.9	99.9	999.9	999.9	999.
47.4	121.0	13711.2	140.0	-54.5	99.9	999.9	99.9	99.9	99.9	383.7	999.9	99.9	999.9	999.9	999.
47.9	122.0	13849.7	137.0	-55.3	99.9	999.9	99.9	99.9	99.9	384.7	999.9	99.9	999.9	999.9	999.
48.4	123.0	13990.9	134.0	-55.6	99.9	999.9	99.9	99.9	99.9	386.6	999.9	99.9	999.9	999.9	999.
48.9	124.0	14134.9	131.0	-56.2	99.9	999.9	99.9	99.9	99.9	387.9	999.9	99.9	999.9	999.9	999.
49.4	125.0	14331.9	127.0	-56.4	99.9	999.9	99.9	99.9	99.9	391.1	999.9	99.9	999.9	999.9	999.
50.1	126.0	14483.6	124.0	-56.4	99.9	999.9	99.9	99.9	99.9	393.8	999.9	99.9	999.9	999.9	999.
50.7	127.0	14639.1	121.0	-56.6	99.9	999.9	99.9	99.9	99.9	396.2	999.9	99.9	999.9	999.9	999.
51.5	128.0	14852.4	117.0	-56.4	99.9	999.9	99.9	99.9	99.9	400.4	999.9	99.9	999.9	999.9	999.
52.2	129.0	14961.9	115.0	-56.4	99.9	999.9	99.9	99.9	99.9	402.3	999.9	99.9	999.9	999.9	999.
52.8	130.0	15129.7	112.0	-56.4	99.9	999.9	99.9	99.9	99.9	405.4	999.9	99.9	999.9	999.9	999.
53.5	131.0	15360.7	108.0	-56.2	99.9	999.9	99.9	99.9	99.9	409.9	999.9	99.9	999.9	999.9	999.
54.0	132.0	15539.8	105.0	-55.9	99.9	999.9	99.9	99.9	99.9	413.9	999.9	99.9	999.9	999.9	999.
54.5	133.0	15723.9	102.0	-56.6	99.9	999.9	99.9	99.9	99.9	416.1	999.9	99.9	999.9	999.9	999.
55.0	134.0	15849.3	100.0	-57.4	99.9	999.9	99.9	99.9	99.9	416.9	999.9	99.9	999.9	999.9	999.
55.5	135.0	16042.2	97.0	-56.6	99.9	999.9	99.9	99.9	99.9	422.1	999.9	99.9	999.9	999.9	999.
56.3	136.0	16241.4	94.0	-56.9	99.9	999.9	99.9	99.9	99.9	425.3	999.9	99.9	999.9	999.9	999.
57.1	137.0	16516.3	90.0	-57.7	99.9	999.9	99.9	99.9	99.9	428.9	999.9	99.9	999.9	999.9	999.
58.1	138.0	16730.1	87.0	-57.9	99.9	999.9	99.9	99.9	99.9	432.8	999.9	99.9	999.9	999.9	999.
58.7	139.0	17025.6	83.0	-59.8	99.9	999.9	99.9	99.9	99.9	434.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 466  
FORT TOTTEN, N Y

7 FEBRUARY 1975  
1115 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
59.7	140.0	17178.1	81.0	-59.8	99.9	999.9	99.9	99.9	99.9	437.9	999.9	99.9	999.9	999.9	999.
60.6	141.0	17414.2	78.0	-59.4	99.9	999.9	99.9	99.9	99.9	443.4	999.9	99.9	999.9	999.9	999.
61.5	142.0	17660.3	75.0	-58.4	99.9	999.9	99.9	99.9	99.9	450.5	999.9	99.9	999.9	999.9	999.
62.3	143.0	17916.7	72.0	-59.1	99.9	999.9	99.9	99.9	99.9	454.4	999.9	99.9	999.9	999.9	999.
63.0	144.0	18182.7	69.0	-60.4	99.9	999.9	99.9	99.9	99.9	457.0	999.9	99.9	999.9	999.9	999.
63.8	145.0	18365.8	67.0	-61.0	99.9	999.9	99.9	99.9	99.9	459.7	999.9	99.9	999.9	999.9	999.
64.7	146.0	18650.3	64.0	-61.2	99.9	999.9	99.9	99.9	99.9	465.4	999.9	99.9	999.9	999.9	999.
65.5	147.0	18948.5	61.0	-61.2	99.9	999.9	99.9	99.9	99.9	471.8	999.9	99.9	999.9	999.9	999.
66.4	148.0	19261.4	58.0	-61.5	99.9	999.9	99.9	99.9	99.9	477.8	999.9	99.9	999.9	999.9	999.
67.4	149.0	19592.0	55.0	-59.8	99.9	999.9	99.9	99.9	99.9	489.2	999.9	99.9	999.9	999.9	999.
68.6	150.0	19823.9	53.0	-59.1	99.9	999.9	99.9	99.9	99.9	496.0	999.9	99.9	999.9	999.9	999.
69.8	151.0	20189.6	50.0	-58.7	99.9	999.9	99.9	99.9	99.9	505.1	999.9	99.9	999.9	999.9	999.
70.5	152.0	20578.0	47.0	-58.9	99.9	999.9	99.9	99.9	99.9	513.7	999.9	99.9	999.9	999.9	999.
71.2	153.0	20849.1	45.0	-61.9	99.9	999.9	99.9	99.9	99.9	512.9	999.9	99.9	999.9	999.9	999.
72.3	154.0	21274.2	42.0	-63.7	99.9	999.9	99.9	99.9	99.9	518.6	999.9	99.9	999.9	999.9	999.
73.3	155.0	21728.7	39.0	-63.9	99.9	999.9	99.9	99.9	99.9	529.3	999.9	99.9	999.9	999.9	999.
74.5	156.0	22050.6	37.0	-64.8	99.9	999.9	99.9	99.9	99.9	534.9	999.9	99.9	999.9	999.9	999.
75.6	157.0	22565.9	34.0	-65.4	99.9	999.9	99.9	99.9	99.9	546.4	999.9	99.9	999.9	999.9	999.
76.9	158.0	23130.1	31.0	-63.9	99.9	999.9	99.9	99.9	99.9	565.2	999.9	99.9	999.9	999.9	999.
78.2	159.0	23537.9	29.0	-64.8	99.9	999.9	99.9	99.9	99.9	573.5	999.9	99.9	999.9	999.9	999.
79.6	160.0	24209.0	26.0	-61.9	99.9	999.9	99.9	99.9	99.9	600.1	999.9	99.9	999.9	999.9	999.
81.4	161.0	24966.8	23.0	-62.4	99.9	999.9	99.9	99.9	99.9	619.9	999.9	99.9	999.9	999.9	999.
83.1	162.0	25524.9	21.0	-65.0	99.9	999.9	99.9	99.9	99.9	628.3	999.9	99.9	999.9	999.9	999.
85.2	163.0	26473.0	18.0	-61.3	99.9	999.9	99.9	99.9	99.9	668.3	999.9	99.9	999.9	999.9	999.
87.3	164.0	27208.6	16.0	-58.6	99.9	999.9	99.9	99.9	99.9	700.2	999.9	99.9	999.9	999.9	999.
89.7	165.0	28515.8	13.0	-57.9	99.9	999.9	99.9	99.9	99.9	745.4	999.9	99.9	999.9	999.9	999.

STATION NO. 518  
ALBANY, N Y

5 FEBRUARY 1975  
2315 GMT

154 39. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGF KM	AZ DG
0.0	5.5	86.0	1002.2	-3.9	-5.0	320.0	1.5	1.0	-1.1	269.4	276.1	2.6	92.0	0.0	0.
0.2	6.0	142.9	995.0	-4.3	-5.5	121.3	4.7	-4.0	2.4	269.5	276.1	2.6	91.7	0.3	170.
0.6	7.0	230.6	984.0	-4.5	-4.7	115.3	4.4	-3.9	1.9	270.3	277.1	2.7	96.7	0.3	174.
1.0	8.0	319.1	973.0	-5.1	-5.4	84.4	3.8	-3.8	-0.4	270.5	277.2	2.6	97.5	0.2	199.
1.3	9.0	408.5	962.0	-4.8	-4.9	67.9	4.4	-4.1	-1.7	271.7	278.8	2.8	98.9	0.3	208.
1.7	10.0	499.2	951.0	-4.0	-4.1	71.2	4.7	-4.4	-1.5	273.4	281.0	3.0	99.0	0.4	217.
2.1	11.0	608.2	938.0	-2.8	-2.9	96.8	4.5	-4.5	0.5	275.8	284.3	3.3	99.2	0.5	226.
2.4	12.0	693.1	928.0	-3.7	-3.8	119.0	4.6	-4.0	2.2	275.7	283.7	3.1	99.1	0.5	235.
2.8	13.0	787.3	917.0	-4.0	-4.1	127.6	6.1	-4.8	3.7	276.3	284.2	3.1	99.0	0.6	246.
3.2	14.0	882.6	906.0	-4.2	-4.3	129.7	8.6	-6.6	5.5	277.1	285.1	3.1	99.0	0.7	259.
3.6	15.0	970.4	896.0	-3.2	-3.4	132.9	11.2	-8.2	7.6	278.9	287.6	3.3	99.1	0.8	272.
4.0	16.0	1086.6	883.0	-1.1	-1.1	139.5	12.3	-8.0	9.3	282.4	292.9	4.0	99.4	1.1	283.
4.3	17.0	1177.7	873.0	-0.8	-0.8	145.4	12.2	-6.9	10.0	283.7	294.6	4.1	99.5	1.3	289.
4.7	18.0	1279.1	862.0	-0.8	-0.8	151.7	12.3	-5.8	10.8	284.7	295.8	4.2	99.5	1.5	297.
5.1	19.0	1372.4	852.0	-0.9	-1.0	156.0	12.2	-5.0	11.2	285.5	296.6	4.2	99.5	1.7	303.
5.4	20.0	1466.7	842.0	-1.2	-1.3	158.4	12.0	-4.4	11.2	286.2	297.2	4.1	99.4	1.9	306.
5.9	21.0	1590.9	829.0	-1.4	-1.5	163.8	9.9	-2.7	9.5	287.3	298.4	4.2	99.4	2.2	312.
6.2	22.0	1687.5	819.0	-2.9	-3.1	167.9	8.0	-1.7	7.8	286.6	296.6	3.7	99.2	2.3	314.
6.6	23.0	1785.0	809.0	-2.8	-2.9	174.9	5.6	-0.5	5.5	287.7	298.1	3.8	99.2	2.5	316.
7.0	24.0	1883.6	799.0	-3.2	-3.4	181.5	3.8	0.1	3.8	288.3	298.4	3.7	99.1	2.6	318.
7.4	25.0	1973.3	790.0	-3.6	-3.7	185.9	2.3	0.2	2.3	288.9	298.9	3.7	99.1	2.6	319.
7.9	26.0	2094.4	778.0	-3.7	-3.9	200.9	3.1	1.1	2.9	290.0	300.0	3.7	98.8	2.6	320.
8.3	27.0	2196.7	768.0	-4.0	-4.2	210.1	3.9	2.0	3.4	290.7	300.7	3.7	98.6	2.7	322.
8.7	28.0	2289.8	759.0	-4.3	-4.5	219.9	4.4	2.9	3.4	291.3	301.2	3.6	98.1	2.7	324.
9.1	29.0	2394.3	749.0	-5.1	-5.3	229.9	5.0	3.8	3.2	291.6	300.9	3.4	96.0	2.8	326.
9.4	30.0	2489.4	740.0	-5.4	-5.8	236.5	5.6	4.7	3.1	292.3	301.5	3.3	96.5	2.8	328.
9.8	31.0	2596.3	730.0	-5.5	-5.8	240.6	6.7	5.8	3.3	293.3	302.7	3.4	97.9	2.7	331.
10.1	32.0	2693.6	721.0	-6.0	-6.3	241.6	7.6	6.7	3.6	293.8	303.0	3.3	97.4	2.7	333.
10.6	33.0	2792.1	712.0	-6.1	-6.4	240.2	9.0	7.8	4.4	294.7	304.0	3.3	97.8	2.8	339.
10.9	34.0	2891.7	703.0	-6.7	-7.0	238.7	9.4	8.1	4.9	295.1	304.1	3.2	97.7	2.8	343.
11.3	35.0	2981.2	695.0	-6.6	-8.4	236.3	9.7	8.0	5.4	296.2	304.5	2.9	87.0	2.9	347.
11.8	36.0	3105.9	684.0	-7.0	-9.4	232.8	9.7	7.7	5.9	297.0	304.9	2.7	83.0	3.0	353.
12.3	37.0	3209.1	675.0	-7.9	-10.9	229.9	9.8	7.5	6.3	297.1	304.2	2.5	78.8	3.1	357.
12.7	38.0	3313.5	666.0	-8.5	-11.5	229.5	10.1	7.7	5.5	297.6	304.5	2.4	78.8	3.3	360.
13.2	39.0	3418.9	657.0	-9.3	-12.0	231.7	10.6	8.3	5.6	297.7	304.5	2.3	80.7	3.5	4.
13.6	40.0	3513.6	649.0	-9.9	-12.1	234.6	11.1	9.1	5.4	298.1	304.9	2.3	83.9	3.7	7.
14.1	41.0	3645.3	638.0	-10.9	-12.7	238.7	11.6	9.9	5.0	298.4	305.0	2.3	86.6	3.9	11.
14.6	42.0	3742.3	630.0	-11.6	-13.1	242.1	12.1	10.7	5.7	298.7	305.2	2.2	89.2	4.2	14.
15.0	43.0	3840.1	622.0	-12.6	-13.5	244.1	12.7	11.4	5.5	298.7	305.0	2.2	92.5	4.4	17.
15.4	44.0	3951.3	613.0	-13.5	-14.3	246.1	13.7	12.5	5.6	298.9	305.0	2.1	93.6	4.6	20.
15.8	45.0	4051.1	605.0	-14.7	-19.5	248.0	15.2	14.1	5.7	298.5	302.5	1.3	66.7	4.8	23.
16.2	46.0	4151.7	597.0	-15.4	-33.1	249.1	17.1	16.0	6.1	298.7	300.0	0.4	20.1	5.1	26.
16.6	47.0	4253.5	589.0	-16.0	-34.3	249.5	19.1	17.9	6.7	299.2	300.4	0.4	18.8	5.4	29.
17.0	48.0	4356.5	581.0	-16.2	-32.8	249.2	20.8	19.5	7.4	300.1	301.4	0.4	22.4	5.8	33.
17.3	49.0	4460.7	573.0	-16.9	-33.0	249.7	21.9	20.5	7.6	300.5	301.8	0.4	23.2	6.1	35.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

5 FEBRUARY 1975  
2315 GMT

154 39. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PQT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.7	50.0	4566.2	565.0	-17.3	-33.3	251.0	23.2	21.9	7.5	301.2	302.5	0.4	23.3	6.6	37.
18.2	51.0	4699.8	555.0	-18.0	-33.9	253.2	24.6	23.6	7.1	301.9	303.2	0.4	23.3	7.2	41.
18.7	52.0	4808.3	547.0	-18.4	-34.2	253.7	25.6	24.6	7.2	302.7	303.9	0.4	23.3	7.8	44.
19.0	53.0	4904.3	540.0	-19.0	-34.7	253.0	26.0	24.9	7.6	303.2	304.4	0.4	23.4	8.2	46.
19.5	54.0	5015.3	532.0	-19.7	-35.2	250.6	26.3	24.8	8.7	303.6	304.8	0.4	23.4	9.9	48.
19.9	55.0	5113.5	525.0	-20.6	-36.0	249.7	26.3	24.7	9.1	303.7	304.8	0.3	23.4	9.5	49.
20.3	56.0	5241.1	516.0	-21.8	-36.3	249.6	26.4	24.7	9.2	303.7	304.8	0.3	25.5	10.1	50.
20.8	57.0	5355.9	508.0	-22.9	-36.5	249.6	26.6	24.9	9.3	303.8	304.8	0.3	27.3	10.9	52.
21.2	58.0	5457.5	501.0	-23.8	-36.5	249.3	27.0	25.3	9.6	303.8	304.9	0.3	29.7	11.5	53.
21.6	59.0	5560.0	494.0	-24.9	-35.2	248.5	27.4	25.5	10.1	303.8	305.0	0.4	37.4	12.1	54.
21.9	60.0	5663.6	487.0	-25.9	-35.2	247.7	27.5	25.4	10.4	303.7	305.0	0.4	41.0	12.6	54.
22.3	61.0	5783.4	479.0	-26.7	-35.8	247.0	27.2	25.1	10.6	304.1	305.4	0.4	41.8	13.3	55.
22.8	62.0	5889.4	472.0	-27.9	-36.9	246.9	26.8	24.7	10.5	303.9	305.1	0.3	41.7	14.0	55.
23.2	63.0	5996.5	465.0	-28.9	-44.5	247.0	26.8	24.6	10.5	304.1	304.6	0.2	20.2	14.7	56.
23.7	64.0	6104.8	458.0	-29.9	-40.9	246.3	27.0	24.7	10.8	304.1	304.8	0.2	33.1	15.4	57.
24.0	65.0	6198.7	452.0	-30.7	-44.2	245.4	27.1	24.6	11.3	304.2	304.8	0.2	25.1	15.9	57.
24.5	66.0	6341.3	443.0	-31.4	-49.7	243.6	26.8	24.0	11.9	305.1	305.4	0.1	14.4	16.7	57.
24.9	67.0	6454.0	436.0	-31.5	-49.3	242.9	26.5	23.6	12.1	306.3	306.6	0.1	14.4	17.4	57.
25.4	68.0	6551.9	430.0	-32.6	-46.0	243.1	26.7	23.8	12.1	306.2	306.7	0.1	24.5	18.1	58.
25.8	69.0	6667.3	423.0	-33.7	-44.7	244.0	27.5	24.7	12.1	306.3	306.8	0.2	31.4	18.8	58.
26.3	70.0	6767.3	417.0	-34.6	-41.9	245.7	28.7	26.1	11.8	306.3	307.1	0.2	47.2	19.6	58.
26.8	71.0	6902.4	409.0	-35.5	-41.2	247.7	29.5	27.3	11.2	306.8	307.6	0.2	55.8	20.5	58.
27.2	72.0	7022.4	402.0	-36.5	-41.6	249.3	30.0	28.1	10.6	307.1	307.9	0.2	58.7	21.2	59.
27.7	73.0	7126.4	396.0	-37.3	-43.4	250.6	30.7	29.0	10.2	307.3	308.0	0.2	52.5	22.1	59.
28.0	74.0	7231.7	390.0	-38.1	-44.2	251.0	31.3	29.6	10.2	307.6	308.3	0.2	52.3	22.6	60.
28.5	75.0	7338.3	384.0	-38.8	-45.4	251.2	32.6	30.9	10.5	308.1	308.7	0.2	49.2	23.5	60.
28.9	76.0	7446.2	378.0	-39.8	-46.5	251.5	33.2	31.5	10.5	308.2	308.7	0.2	48.3	24.4	60.
29.3	77.0	7555.3	372.0	-41.0	99.9	252.1	33.1	31.5	10.2	308.0	999.9	99.9	999.9	25.2	61.
29.8	78.0	7665.6	366.0	-42.0	99.9	252.7	32.3	30.8	9.6	308.1	999.9	99.9	999.9	26.2	61.
30.2	79.0	7777.3	360.0	-43.0	99.9	252.6	32.0	30.6	9.6	308.3	999.9	99.9	999.9	26.9	62.
30.6	80.0	7890.3	354.0	-44.0	99.9	251.5	32.9	31.2	10.4	308.4	999.9	99.9	999.9	27.6	62.
31.1	81.0	8024.1	347.0	-45.0	99.9	249.3	35.6	33.3	12.6	308.8	999.9	99.9	999.9	28.5	62.
31.4	82.0	8140.4	341.0	-46.2	99.9	248.5	36.9	34.3	13.5	308.8	999.9	99.9	999.9	29.3	62.
31.8	83.0	8238.4	336.0	-46.9	99.9	248.7	36.7	34.2	13.3	309.1	999.9	99.9	999.9	30.3	62.
32.2	84.0	8357.5	330.0	-47.9	99.9	249.7	36.1	33.9	12.5	309.2	999.9	99.9	999.9	31.1	63.
32.7	85.0	8478.4	324.0	-48.5	99.9	250.7	37.3	35.2	12.3	310.0	999.9	99.9	999.9	32.0	63.
33.2	86.0	8601.3	318.0	-49.0	99.9	250.5	41.6	39.2	13.9	311.1	999.9	99.9	999.9	33.1	63.
33.6	87.0	8726.1	312.0	-49.8	99.9	250.2	45.7	43.0	15.5	311.7	999.9	99.9	999.9	34.3	63.
34.0	88.0	8831.8	307.0	-50.1	99.9	250.4	49.2	46.4	16.5	312.7	999.9	99.9	999.9	35.4	64.
34.4	89.0	8939.0	302.0	-50.4	99.9	250.9	52.2	49.4	17.1	313.8	999.9	99.9	999.9	36.6	64.
34.9	90.0	9069.8	296.0	-50.7	99.9	251.4	56.5	53.5	18.1	315.1	999.9	99.9	999.9	38.2	64.
35.2	91.0	9180.7	291.0	-51.1	99.9	251.5	58.8	55.7	19.7	316.0	999.9	99.9	999.9	39.2	64.
35.7	92.0	9293.4	286.0	-51.5	99.9	251.3	61.7	58.4	19.8	317.1	999.9	99.9	999.9	41.1	65.
36.1	93.0	9407.7	281.0	-52.1	99.9	251.0	62.9	59.4	20.5	317.8	999.9	99.9	999.9	42.6	65.
36.6	94.0	9523.8	276.0	-52.7	99.9	251.0	63.1	59.7	20.6	318.6	999.9	99.9	999.9	44.5	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

5 FEBRUARY 1975  
2315 GMT

154 39. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.0	95.0	9641.7	271.0	-53.2	99.9	251.6	62.8	59.5	19.8	319.5	999.9	99.9	999.9	46.1	65.
37.4	96.0	9785.6	265.0	-54.2	99.9	252.4	62.8	59.9	19.0	320.2	999.9	99.9	999.9	47.5	66.
37.9	97.0	9907.6	260.0	-55.0	99.9	252.8	64.7	61.8	18.2	320.7	999.9	99.9	999.9	49.3	66.
38.3	98.0	10031.5	255.0	-55.7	99.9	252.8	66.4	63.5	18.6	321.5	999.9	99.9	999.9	50.9	66.
38.7	99.0	10132.0	251.0	-56.3	99.9	252.9	66.7*	63.7	19.6	322.0	999.9	99.9	999.9	52.6	66.
39.1	100.0	10259.7	246.0	-56.7	99.9	252.9	65.1*	62.2	19.1	323.3	999.9	99.9	999.9	54.3	66.
39.7	101.0	10416.3	240.0	-56.7	99.9	251.8	61.6*	58.5	19.2	325.6	999.9	99.9	999.9	56.4	67.
40.1	102.0	10522.9	236.0	-56.7	99.9	250.3	60.1*	56.6	20.3	327.2	999.9	99.9	999.9	57.8	67.
40.4	103.0	10658.7	231.0	-56.3	99.9	249.1	59.5*	55.6	21.2	329.7	999.9	99.9	999.9	59.0	67.
40.9	104.0	10797.6	226.0	-56.8	99.9	249.3	58.9*	54.7	21.8	331.0	999.9	99.9	999.9	60.7	67.
41.3	105.0	10910.6	222.0	-57.2	99.9	248.7	59.0*	55.0	21.4	332.2	999.9	99.9	999.9	62.1	67.
41.7	106.0	11054.7	217.0	-57.4	99.9	249.7	59.6*	55.9	20.6	334.1	999.9	99.9	999.9	63.5	67.
42.2	107.0	11172.1	213.0	-57.9	99.9	251.2	60.2*	57.0	19.4	335.0	999.9	99.9	999.9	65.3	67.
42.6	108.0	11291.8	209.0	-57.2	99.9	252.2	59.8*	56.9	18.2	337.9	999.9	99.9	999.9	66.8	67.
43.0	109.0	11414.5	205.0	-55.7	99.9	253.1	58.0*	55.4	16.9	342.2	999.9	99.9	999.9	68.3	67.
43.4	110.0	11540.5	201.0	-54.2	99.9	253.8	54.5*	52.3	15.2	346.5	999.9	99.9	999.9	69.6	67.
44.0	111.0	11702.1	196.0	-54.0	99.9	254.8	49.7*	48.0	13.0	349.3	999.9	99.9	999.9	71.5	68.
44.4	112.0	11834.5	192.0	-53.8	99.9	255.1	49.5*	47.8	12.7	351.6	999.9	99.9	999.9	72.5	68.
44.9	113.0	11969.8	188.0	-53.8	99.9	254.8	53.0*	51.1	13.9	353.7	999.9	99.9	999.9	73.9	68.
45.2	114.0	12108.2	184.0	-53.0	99.9	254.4	56.6*	54.5	15.2	357.2	999.9	99.9	999.9	74.9	68.
45.7	115.0	12249.5	180.0	-54.2	99.9	253.6	62.8*	60.3	17.7	357.6	999.9	99.9	999.9	76.7	68.
46.2	116.0	12430.0	175.0	-54.7	99.9	253.4	64.7*	62.0	16.5	359.7	999.9	99.9	999.9	78.7	68.
46.7	117.0	12540.6	172.0	-55.0	99.9	254.7	57.2*	55.2	15.1	360.9	999.9	99.9	999.9	80.9	68.
47.1	118.0	12690.9	168.0	-55.2	99.9	257.2	46.2*	45.1	10.2	363.1	999.9	99.9	999.9	82.5	68.
47.5	119.0	12844.6	164.0	-55.7	99.9	260.4	36.0*	35.5	6.0	364.8	999.9	99.9	999.9	83.0	69.
48.0	120.0	12962.1	161.0	-55.8	99.9	258.1	36.5*	35.7	7.5	366.4	999.9	99.9	999.9	83.3	69.
48.3	121.0	13122.1	157.0	-56.3	99.9	255.3	41.2*	39.8	10.4	368.2	999.9	99.9	999.9	84.4	69.
48.8	122.0	13244.5	154.0	-56.8	99.9	252.8	47.2*	45.0	14.0	369.4	999.9	99.9	999.9	85.9	69.
49.3	123.0	13410.9	150.0	-57.7	99.9	252.3	49.6*	47.3	15.0	370.7	999.9	99.9	999.9	87.3	69.
49.7	124.0	13538.3	147.0	-58.1	99.9	252.9	49.7*	47.5	14.6	372.2	999.9	99.9	999.9	88.6	69.
50.2	125.0	13711.7	143.0	-58.9	99.9	254.1	49.0*	47.2	13.5	373.6	999.9	99.9	999.9	90.1	69.
50.9	126.0	13889.7	139.0	-59.1	99.9	255.3	48.4*	46.8	12.3	376.4	999.9	99.9	999.9	92.0	69.
51.3	127.0	14026.5	136.0	-59.1	99.9	255.2	48.6*	47.0	12.4	378.7	999.9	99.9	999.9	93.2	69.
51.8	128.0	14166.1	133.0	-59.8	99.9	254.4	50.0*	48.1	13.4	379.9	999.9	99.9	999.9	94.7	69.
52.4	129.0	14308.3	130.0	-60.9	99.9	252.6	55.1*	52.5	13.5	380.4	999.9	99.9	999.9	96.4	69.
52.8	130.0	14502.3	126.0	-61.5	99.9	251.5	60.5*	57.4	15.2	382.8	999.9	99.9	999.9	97.8	69.
53.4	131.0	14651.7	123.0	-61.5	99.9	251.3	66.1*	62.6	21.2	385.4	999.9	99.9	999.9	100.1	69.
53.9	132.0	14856.3	119.0	-62.2	99.9	253.4	63.5*	60.9	18.1	387.7	999.9	99.9	999.9	102.5	69.
54.4	133.0	14961.1	117.0	-61.9	99.9	257.6	56.9*	55.6	12.2	390.3	999.9	99.9	999.9	104.1	70.
54.9	134.0	15121.9	114.0	-61.9	99.9	263.0	49.9*	49.6	6.1	393.2	999.9	99.9	999.9	105.7	70.
55.3	135.0	15286.8	111.0	-62.2	99.9	267.9	43.8*	43.8	1.6	395.5	999.9	99.9	999.9	106.8	70.
56.0	136.0	15513.6	107.0	-62.0	99.9	278.5	32.4*	32.0	-4.8	400.0	999.9	99.9	999.9	108.4	70.
56.5	137.0	15689.6	104.0	-61.7	99.9	282.7	27.5*	26.9	-6.0	404.0	999.9	99.9	999.9	109.0	71.
57.2	138.0	15932.2	100.0	-62.2	99.9	274.4	30.0*	29.9	-2.3	407.5	999.9	99.9	999.9	109.8	71.
57.9	139.0	16120.3	97.0	-62.4	99.9	265.8	39.9*	39.8	2.9	410.7	999.9	99.9	999.9	111.1	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

5 FEBRUARY 1975  
2315 GMT

154 39. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P. DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.7	140.0	16314.2	94.0	-62.4	99.9	262.0	53.3*	52.8	7.4	414.4	999.9	99.9	999.9	113.4	71.
59.4	141.0	16582.4	90.0	-62.8	99.9	261.0	57.8*	57.1	9.0	418.8	999.9	99.9	999.9	115.9	72.
60.2	142.0	16791.1	87.0	-63.2	99.9	260.6	55.3*	54.5	9.1	422.1	999.9	99.9	999.9	118.6	72.
60.8	143.0	17006.4	84.0	-64.2	99.9	262.0	48.5*	48.0	6.7	424.4	999.9	99.9	999.9	120.7	72.
61.7	144.0	17228.2	81.0	-65.6	99.9	265.9	38.5*	38.4	2.8	425.9	999.9	99.9	999.9	122.7	72.
62.3	145.0	17457.3	78.0	-66.2	99.9	265.0	39.6*	39.5	3.4	429.3	999.9	99.9	999.9	124.0	72.
63.1	146.0	17695.8	75.0	-65.0	99.9	263.0	49.4*	49.0	3.0	436.7	999.9	99.9	999.9	125.8	72.
63.9	147.0	17944.2	72.0	-65.8	99.9	261.1	53.2*	52.5	3.2	440.1	999.9	99.9	999.9	128.8	73.
64.7	148.0	18291.0	68.0	-66.2	99.9	262.2	43.9*	43.5	4.0	446.4	999.9	99.9	999.9	131.0	73.
65.6	149.0	18563.7	65.0	-67.5	99.9	269.9	39.1*	39.1	0.1	449.5	999.9	99.9	999.9	133.0	73.
66.4	150.0	18848.5	62.0	-67.3	99.9	274.3	39.2*	39.1	-2.9	456.1	999.9	99.9	999.9	134.9	73.
67.3	151.0	19147.8	59.0	-67.1	99.9	276.3	33.9*	33.7	-3.7	463.1	999.9	99.9	999.9	136.8	74.
68.3	152.0	19356.7	57.0	-65.6	99.9	274.5	34.4*	34.3	-2.7	471.0	999.9	99.9	999.9	138.4	74.
69.2	153.0	19684.8	54.0	-66.4	99.9	271.6	39.5*	39.5	-1.1	476.4	999.9	99.9	999.9	140.4	74.
70.2	154.0	20030.0	51.0	-67.5	99.9	269.1	38.9*	38.8	0.6	481.8	999.9	99.9	999.9	142.7	74.
71.3	155.0	20395.1	48.0	-67.7	99.9	268.2	38.6*	38.6	1.2	489.7	999.9	99.9	999.9	145.2	75.
72.4	156.0	20783.3	45.0	-67.9	99.9	272.9	38.4*	38.4	-1.9	498.3	999.9	99.9	999.9	147.7	75.
73.7	157.0	21157.8	42.0	-68.1	99.9	999.9	99.9	99.9	99.9	507.7	999.9	99.9	999.9	999.9	999.
75.0	158.0	21644.3	39.0	-66.8	99.9	999.9	99.9	99.9	99.9	521.8	999.9	99.9	999.9	999.9	999.

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
515 GMT

146 39. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	86.0	996.4	-3.5	-4.6	340.0	2.6	0.9	-2.4	270.3	277.2	2.7	92.0	0.0	0.
0.4	7.0	177.1	985.0	-3.2	-4.6	340.9	4.4	1.4	-4.2	271.4	278.8	2.9	94.2	0.0	99.
0.8	8.0	274.2	973.0	-3.1	-3.8	352.7	4.5	0.6	-4.5	272.6	280.2	3.0	95.0	0.1	143.
1.3	9.0	364.3	962.0	-3.1	-3.4	16.6	3.7	-1.0	-3.5	273.5	281.4	3.1	97.4	0.2	167.
1.7	10.0	455.4	951.0	-3.1	-3.3	53.3	2.7	-2.2	-1.6	274.4	282.5	3.2	98.5	0.3	178.
2.1	11.0	544.5	938.0	-3.1	-3.1	98.2	3.0	-2.9	0.4	275.5	283.8	3.2	99.8	0.3	189.
2.5	12.0	666.6	926.0	-2.9	-3.0	115.2	4.0	-3.6	1.7	276.6	285.2	3.3	99.8	0.3	205.
2.9	13.0	761.3	915.0	-3.2	-3.3	130.4	5.8	-4.4	7.7	277.3	285.8	3.3	99.8	0.3	226.
3.4	14.0	857.1	904.0	-3.6	-3.6	133.9	9.3	-6.7	6.4	277.9	286.4	3.2	99.7	0.4	261.
3.7	15.0	962.8	892.0	-3.7	-3.7	138.6	11.2	-7.4	8.4	278.8	287.3	3.3	99.7	0.5	278.
4.2	16.0	1079.0	879.0	-3.1	-3.1	145.8	11.4	-6.4	9.4	280.6	289.7	3.5	99.8	0.8	297.
4.6	17.0	1188.1	867.0	-2.5	-2.5	148.4	8.0	-4.2	6.8	282.4	292.1	3.7	99.9	1.1	305.
5.1	18.0	1280.3	857.0	-2.2	-2.2	162.3	5.2	-1.6	4.9	283.7	293.8	3.8	99.9	1.2	306.
5.5	19.0	1383.1	846.0	-2.0	-2.0	194.9	14.5	3.7	14.0	284.9	295.3	3.9	100.9	1.3	306.
5.9	20.0	1477.8	836.0	-1.7	-1.7	197.7	16.8	5.1	16.0	286.2	297.0	4.0	100.0	1.6	330.
6.3	21.0	1602.7	823.0	-1.9	-1.9	193.6	11.7	2.8	11.4	287.3	298.2	4.1	100.0	1.8	337.
6.7	22.0	1700.0	813.0	-2.5	-2.5	189.8	7.9	1.3	7.8	287.7	298.2	3.9	99.9	2.0	340.
7.2	23.0	1808.2	802.0	-2.8	-2.8	197.0	6.5	1.9	6.2	288.5	299.0	3.9	99.8	2.2	343.
7.6	24.0	1907.7	792.0	-3.2	-3.3	201.1	4.7	1.7	4.4	289.0	299.3	3.8	99.8	2.3	345.
8.0	25.0	2008.3	782.0	-3.9	-3.9	192.9	4.0	0.9	3.9	289.4	299.4	3.7	99.7	2.4	346.
8.5	26.0	2140.7	769.0	-4.0	-4.1	190.0	5.2	0.9	5.1	290.6	300.7	3.7	99.7	2.5	347.
8.9	27.0	2244.1	759.0	-4.2	-4.2	192.4	5.2	1.1	5.1	291.5	301.7	3.7	99.6	2.6	348.
9.3	28.0	2348.6	749.0	-5.5	-5.5	196.3	4.8	1.4	4.6	291.1	300.4	3.4	99.5	2.8	350.
9.8	29.0	2443.5	740.0	-6.0	-6.1	203.8	4.5	1.8	4.1	291.6	300.7	3.3	99.4	2.9	351.
10.2	30.0	2550.2	730.0	-6.0	-6.1	214.3	4.6	2.6	3.8	292.8	302.0	3.3	99.4	2.9	352.
10.7	31.0	2658.1	720.0	-6.9	-7.1	231.9	5.6	4.4	3.4	292.9	301.6	3.1	97.9	3.1	354.
11.0	32.0	2756.4	711.0	-6.9	-7.2	241.2	6.6	5.8	3.2	294.0	302.8	3.1	97.7	3.1	355.
11.4	33.0	2867.1	701.0	-6.9	-7.2	248.3	8.3	7.7	3.1	295.2	304.1	3.2	97.7	3.2	359.
11.9	34.0	2968.0	692.0	-7.3	-7.7	251.5	10.4	9.9	3.3	295.7	304.5	3.1	97.2	3.2	3.
12.2	35.0	3081.4	682.0	-8.2	-9.1	252.3	11.4	10.9	3.5	296.0	304.0	2.8	92.9	3.3	7.
12.8	36.0	3207.4	671.0	-9.8	-11.1	253.0	12.8	12.2	3.7	295.5	302.5	2.4	90.0	3.5	14.
13.2	37.0	3323.2	661.0	-10.6	-12.7	252.3	13.1	12.5	4.0	295.8	302.1	2.2	85.0	3.7	18.
13.6	38.0	3428.6	652.0	-11.4	-12.8	250.5	13.3	12.5	4.4	296.1	302.4	2.2	88.9	3.9	22.
14.0	39.0	3535.3	643.0	-11.8	-12.6	248.0	13.4	12.4	5.0	296.8	303.3	2.2	93.2	4.1	25.
14.3	40.0	3643.1	634.0	-12.8	-13.6	246.1	13.5	12.4	5.5	296.9	303.0	2.1	93.5	4.3	27.
14.8	41.0	3776.6	623.0	-13.5	-14.1	243.5	13.6	12.2	6.1	297.5	303.6	2.1	95.0	4.6	30.
15.2	42.0	3887.1	614.0	-14.6	-25.0	242.0	13.5	12.0	6.3	297.3	299.9	0.8	40.6	4.9	32.
15.7	43.0	3998.9	605.0	-15.0	-25.1	242.3	13.2	11.7	6.1	298.1	300.6	0.8	40.6	5.3	34.
16.1	44.0	4099.6	597.0	-15.4	-22.7	244.6	12.7	11.5	5.4	298.8	302.0	1.0	53.6	5.6	36.
16.5	45.0	4214.4	588.0	-15.3	-21.8	248.7	11.9	11.1	4.3	300.3	303.8	1.1	57.4	5.9	37.
17.0	46.0	4317.7	580.0	-16.2	-22.2	252.2	11.4	10.8	3.5	300.3	303.7	1.1	59.7	6.1	39.
17.4	47.0	4435.3	571.0	-17.1	-21.4	251.1	11.6	11.0	3.8	300.7	304.4	1.2	68.7	6.3	41.
17.8	48.0	4554.3	562.0	-17.9	-21.2	249.5	11.8	11.1	4.1	301.1	304.9	1.2	75.2	6.6	42.
18.2	49.0	4661.4	554.0	-18.8	-22.4	248.7	11.7	10.9	4.3	301.2	304.7	1.1	73.4	6.9	43.
18.7	50.0	4783.2	545.0	-19.9	-22.9	249.3	10.9	10.2	5.9	301.3	304.8	1.1	77.3	7.2	44.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
515 GMT

146 39. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.2	51.0	4920.6	535.0	-20.5	-22.3	250.5	9.9	9.3	3.3	302.3	305.8	1.1	81.3	7.5	45.
19.7	52.0	5032.0	527.0	-21.3	-23.4	249.6	9.2	8.7	3.2	302.6	306.0	1.1	82.6	7.7	46.
20.1	53.0	5144.7	519.0	-22.2	-24.3	246.5	9.4	8.6	3.7	302.8	306.0	1.0	83.2	7.9	47.
20.6	54.0	5258.8	511.0	-23.0	-25.1	240.9	10.5	9.2	5.1	303.2	306.2	1.0	82.9	8.1	47.
21.0	55.0	5374.2	503.0	-23.9	-25.7	236.6	11.8	9.8	5.5	303.4	306.3	0.9	85.1	8.4	48.
21.6	56.0	5520.5	493.0	-25.1	-26.5	234.1	13.8	11.2	9.1	303.7	306.4	0.9	87.5	8.9	48.
22.1	57.0	5639.2	485.0	-25.9	-27.5	236.1	15.3	12.7	8.6	304.1	306.7	0.8	88.3	9.3	48.
22.5	58.0	5744.4	478.0	-26.6	-28.7	239.2	16.2	14.0	8.3	304.5	307.0	0.8	85.6	9.7	48.
23.0	59.0	5866.2	470.0	-27.4	-29.4	243.0	17.3	15.4	7.9	305.0	307.3	0.7	83.2	10.1	49.
23.5	60.0	5974.0	463.0	-28.3	-31.6	245.6	18.8	17.2	7.8	305.1	307.0	0.6	73.4	10.7	50.
24.0	61.0	6098.9	455.0	-29.0	-32.8	247.2	20.4	18.8	7.9	305.8	307.6	0.5	69.2	11.3	51.
24.4	62.0	6209.5	448.0	-30.1	-35.2	247.6	21.0	19.5	8.0	305.8	307.2	0.4	60.5	11.7	52.
25.0	63.0	6321.4	441.0	-31.3	-36.7	247.1	21.2	19.5	8.3	305.7	306.9	0.4	58.3	12.5	52.
25.4	64.0	6434.6	434.0	-32.3	-38.5	246.1	21.1	19.3	8.5	305.7	306.8	0.3	53.1	13.0	53.
25.9	65.0	6549.0	427.0	-33.4	-39.7	244.6	21.5	19.4	9.2	305.8	306.7	0.3	52.6	13.6	54.
26.4	66.0	6698.3	418.0	-34.5	-41.0	242.9	22.5	20.0	10.3	306.3	307.1	0.2	51.2	14.2	54.
26.9	67.0	6816.1	411.0	-35.7	-42.0	241.4	23.6	20.7	11.3	306.2	307.0	0.2	51.9	14.9	54.
27.2	68.0	6935.4	404.0	-36.6	-42.8	240.7	24.0	20.9	11.7	306.5	307.2	0.2	52.5	15.4	55.
27.7	69.0	7056.2	397.0	-37.7	-43.8	239.7	24.1	20.8	12.2	306.6	307.3	0.2	52.7	16.1	55.
28.1	70.0	7178.6	390.0	-38.8	-44.8	238.6	23.9	20.4	12.4	306.7	307.3	0.2	52.5	16.7	55.
28.7	71.0	7320.4	382.0	-40.2	99.9	235.8	23.9	19.8	13.5	306.8	999.9	99.9	999.9	17.5	55.
29.2	72.0	7428.2	376.0	-41.2	99.9	233.3	25.6	20.5	15.3	306.9	999.9	99.9	999.9	18.2	55.
29.7	73.0	7555.6	369.0	-42.4	99.9	231.3	27.7	21.6	17.3	306.9	999.9	99.9	999.9	19.0	55.
30.1	74.0	7684.7	362.0	-43.7	99.9	230.0	28.6	21.9	18.4	306.8	999.9	99.9	999.9	19.8	55.
30.6	75.0	7796.7	356.0	-44.7	99.9	228.7	28.7	21.5	18.9	306.9	999.9	99.9	999.9	20.6	55.
31.0	76.0	7910.2	350.0	-45.7	99.9	228.2	29.8	21.5	19.2	307.1	999.9	99.9	999.9	21.2	54.
31.4	77.0	8025.1	344.0	-46.8	99.9	229.4	29.3	22.2	19.1	307.2	999.9	99.9	999.9	22.0	54.
31.8	78.0	8161.2	337.0	-47.6	99.9	232.0	29.6	23.3	18.2	307.8	999.9	99.9	999.9	22.7	54.
32.2	79.0	8279.7	331.0	-48.2	99.9	235.3	30.3	24.9	17.2	308.6	999.9	99.9	999.9	23.4	54.
32.6	80.0	8400.1	325.0	-48.8	99.9	238.6	31.6	26.9	16.4	309.4	999.9	99.9	999.9	24.1	54.
33.2	81.0	8542.9	318.0	-49.5	99.9	241.7	34.3	30.2	16.3	310.4	999.9	99.9	999.9	25.3	54.
33.6	82.0	8667.6	312.0	-49.9	99.9	243.2	36.0	32.1	15.2	311.5	999.9	99.9	999.9	26.2	55.
34.1	83.0	8794.5	306.0	-50.2	99.9	244.9	38.5	34.8	15.3	312.8	999.9	99.9	999.9	27.2	55.
34.6	84.0	8923.8	300.0	-50.2	99.9	245.5	42.7	38.8	17.7	314.6	999.9	99.9	999.9	28.3	56.
35.0	85.0	9033.5	295.0	-50.2	99.9	245.2	46.7	42.4	19.6	316.1	999.9	99.9	999.9	29.4	56.
35.6	86.0	9190.3	288.0	-50.5	99.9	244.4	50.4	45.5	21.8	317.8	999.9	99.9	999.9	31.2	56.
36.1	87.0	9327.4	282.0	-51.1	99.9	243.8	51.9	46.5	22.9	318.9	999.9	99.9	999.9	32.7	57.
36.7	88.0	9467.1	276.0	-51.5	99.9	242.9	53.6	47.7	24.5	320.4	999.9	99.9	999.9	34.6	57.
37.2	89.0	9585.7	271.0	-51.9	99.9	241.7	56.5	49.7	26.7	321.4	999.9	99.9	999.9	36.2	57.
37.6	90.0	9730.8	265.0	-51.9	99.9	240.9	59.2	51.8	28.8	323.4	999.9	99.9	999.9	37.5	58.
38.0	91.0	9854.3	260.0	-51.5	99.9	240.6	60.7	52.8	29.8	325.9	999.9	99.9	999.9	38.9	58.
38.4	92.0	9980.2	255.0	-52.4	99.9	241.3	56.8	49.8	27.3	326.3	999.9	99.9	999.9	40.9	58.
38.8	93.0	10108.0	250.0	-53.2	99.9	242.3	54.9	48.6	25.5	327.0	999.9	99.9	999.9	42.1	58.
39.2	94.0	10237.7	245.0	-54.5	99.9	243.2	58.7	52.3	25.5	326.9	999.9	99.9	999.9	42.8	58.
39.7	95.0	10396.3	239.0	-55.2	99.9	243.8	69.9	62.7	37.9	328.3	999.9	99.9	999.9	44.7	58.

\* BY SPEED MEANS FLEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
515 GMT

146 39. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
40.3	96.0	10558.6	233.0	-55.2	99.9	244.9	78.7	71.3	35.3	330.7	999.9	99.9	999.9	47.7	59.
40.8	97.0	10669.2	229.0	-55.3	99.9	246.2	77.6	71.0	31.4	332.1	999.9	99.9	999.9	50.2	59.
41.3	98.0	10809.9	224.0	-55.5	99.9	247.5	71.7	66.3	27.5	333.9	999.9	99.9	999.9	52.6	59.
41.8	99.0	10954.0	219.0	-55.2	99.9	248.9	64.6	60.2	23.2	336.6	999.9	99.9	999.9	54.6	60.
42.2	100.0	11101.6	214.0	-54.7	99.9	250.1	59.9	56.3	20.4	339.6	999.9	99.9	999.9	55.9	60.
42.8	101.0	11252.9	209.0	-54.8	99.9	251.4	53.9	51.1	17.2	341.6	999.9	99.9	999.9	58.1	60.
43.3	102.0	11407.8	204.0	-54.7	99.9	251.3	49.1	46.5	15.7	344.3	999.9	99.9	999.9	59.4	61.
43.8	103.0	11534.4	200.0	-54.8	99.9	250.7	47.3	44.6	15.7	346.0	999.9	99.9	999.9	60.8	61.
44.3	104.0	11696.3	195.0	-54.8	99.9	249.7	50.2*	47.1	17.4	348.5	999.9	99.9	999.9	62.1	61.
44.7	105.0	11828.8	191.0	-55.0	99.9	248.8	54.0*	50.3	19.5	350.3	999.9	99.9	999.9	63.2	61.
45.2	106.0	11964.1	187.0	-54.8	99.9	248.2	55.7*	51.7	20.6	352.7	999.9	99.9	999.9	65.2	61.
45.7	107.0	12102.3	183.0	-55.0	99.9	249.2	51.2*	47.8	18.2	354.6	999.9	99.9	999.9	66.9	61.
46.3	108.0	12243.7	179.0	-54.7	99.9	251.7	44.8*	42.6	14.1	357.4	999.9	99.9	999.9	68.5	62.
46.9	109.0	12388.3	175.0	-54.7	99.9	253.7	46.0*	44.1	12.9	359.7	999.9	99.9	999.9	69.6	62.
47.3	110.0	12535.9	171.0	-55.7	99.9	254.8	50.0*	48.2	13.1	360.4	999.9	99.9	999.9	71.2	62.
48.1	111.0	12725.3	166.0	-54.8	99.9	255.3	60.4*	58.4	15.4	364.9	999.9	99.9	999.9	73.2	63.
48.6	112.0	12881.4	162.0	-54.5	99.9	254.4	62.5*	60.2	16.8	368.0	999.9	99.9	999.9	75.6	63.
49.0	113.0	13041.6	158.0	-54.5	99.9	254.1	58.4*	56.1	16.0	370.6	999.9	99.9	999.9	77.8	63.
49.4	114.0	13205.4	154.0	-55.5	99.9	253.3	54.5*	52.2	15.6	371.7	999.9	99.9	999.9	78.0	63.
49.9	115.0	13330.7	151.0	-55.8	99.9	251.3	55.7*	52.7	17.9	373.2	999.9	99.9	999.9	80.0	64.
50.5	116.0	13545.5	146.0	-55.0	99.9	249.2	58.3*	54.5	20.7	378.2	999.9	99.9	999.9	81.5	64.
51.0	117.0	13723.1	142.0	-54.8	99.9	249.7	51.1*	47.9	17.7	381.6	999.9	99.9	999.9	84.3	64.
51.5	118.0	13859.6	139.0	-54.8	99.9	253.1	40.5*	38.8	11.8	383.9	999.9	99.9	999.9	85.1	64.
52.0	119.0	13998.8	136.0	-55.8	99.9	256.9	37.5*	36.6	9.5	384.5	999.9	99.9	999.9	85.9	64.
52.5	120.0	14188.2	132.0	-57.4	99.9	257.8	38.0*	37.1	8.1	385.1	999.9	99.9	999.9	87.0	64.
53.0	121.0	14333.2	129.0	-58.4	99.9	256.4	35.3*	34.3	8.3	385.8	999.9	99.9	999.9	88.8	64.
53.6	122.0	14531.1	125.0	-58.9	99.9	249.6	41.5*	38.9	14.4	388.3	999.9	99.9	999.9	89.1	65.
54.0	123.0	14683.5	122.0	-58.8	99.9	245.8	51.2*	46.7	21.0	391.3	999.9	99.9	999.9	90.0	65.
54.4	124.0	14839.6	119.0	-59.7	99.9	244.5	54.6*	49.3	23.5	392.5	999.9	99.9	999.9	92.4	65.
55.0	125.0	14999.2	116.0	-59.8	99.9	245.8	49.3*	45.0	20.2	395.0	999.9	99.9	999.9	93.8	64.
55.4	126.0	15217.8	112.0	-61.1	99.9	248.7	44.7*	41.6	16.2	396.6	999.9	99.9	999.9	95.1	65.
55.8	127.0	15386.3	109.0	-61.5	99.9	251.0	41.1*	38.9	13.4	399.0	999.9	99.9	999.9	96.1	65.
56.2	128.0	15559.2	106.0	-61.7	99.9	252.4	37.8*	36.1	11.4	401.8	999.9	99.9	999.9	97.1	65.
56.8	129.0	15736.7	103.0	-62.6	99.9	253.2	34.3*	32.8	9.9	403.3	999.9	99.9	999.9	98.3	65.
57.3	130.0	15918.9	100.0	-62.8	99.9	254.8	36.2*	34.9	9.5	406.4	999.9	99.9	999.9	99.2	65.
58.0	131.0	16105.9	97.0	-64.2	99.9	257.6	45.2*	44.2	9.7	407.3	999.9	99.9	999.9	100.4	65.
58.5	132.0	16296.5	94.0	-63.6	99.9	259.4	46.7*	45.9	8.6	412.1	999.9	99.9	999.9	102.7	65.
59.1	133.0	16457.7	91.0	-63.4	99.9	261.5	38.0*	37.5	5.6	416.3	999.9	99.9	999.9	103.9	66.
59.7	134.0	16703.3	88.0	-64.2	99.9	260.8	30.1*	29.7	9.8	418.8	999.9	99.9	999.9	105.0	66.
60.2	135.0	16843.7	86.0	-65.0	99.9	255.9	31.2*	30.3	7.6	419.9	999.9	99.9	999.9	105.6	66.
60.9	136.0	17134.3	82.0	-64.8	99.9	251.2	39.6*	37.5	12.8	426.1	999.9	99.9	999.9	107.4	66.
61.7	137.0	17361.9	79.0	-64.6	99.9	252.7	44.1*	42.1	13.1	431.1	999.9	99.9	999.9	109.1	66.
62.4	138.0	17598.4	76.0	-64.6	99.9	255.4	46.2*	44.7	11.6	435.9	999.9	99.9	999.9	111.4	66.
63.2	139.0	17844.6	73.0	-64.4	99.9	258.0	45.7*	44.7	9.5	441.3	999.9	99.9	999.9	113.1	66.
64.0	140.0	18101.6	70.0	-63.8	99.9	262.0	45.9*	45.4	6.4	447.9	999.9	99.9	999.9	115.9	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
515 GMT

146 39. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.9	141.0	18370.3	67.0	-63.6	99.9	270.4	36.6*	36.6	-0.2	454.0	999.9	99.9	999.9	117.5	67.
65.8	142.0	18651.3	64.0	-64.0	99.9	270.8	40.5*	40.5	-0.6	459.1	999.9	99.9	999.9	119.3	67.
66.7	143.0	18945.5	61.0	-63.8	99.9	264.2	50.3*	50.1	5.1	465.9	999.9	99.9	999.9	121.6	68.
67.5	144.0	19254.5	58.0	-64.2	99.9	263.2	40.3*	40.0	4.8	471.8	999.9	99.9	999.9	124.2	68.
68.4	145.0	19469.4	56.0	-64.0	99.9	256.4	33.2*	32.3	7.8	477.0	999.9	99.9	999.9	125.6	68.
69.3	146.0	19806.3	53.0	-64.6	99.9	252.2	40.0*	38.0	12.2	483.2	999.9	99.9	999.9	127.6	68.
70.1	147.0	20161.4	50.0	-65.6	99.9	253.3	41.6*	39.8	14.9	488.9	999.9	99.9	999.9	129.7	68.
71.0	148.0	20536.7	47.0	-66.6	99.9	255.4	33.8*	32.7	3.5	495.2	999.9	99.9	999.9	132.0	68.
72.1	149.0	20799.3	45.0	-67.3	99.9	262.9	31.6	31.4	3.9	499.8	999.9	99.9	999.9	133.6	69.
73.2	150.0	21214.1	42.0	-68.6	99.9	999.9	99.9	99.9	99.9	506.6	999.9	99.9	999.9	999.9	999.
74.2	151.0	21658.4	39.0	-68.3	99.9	999.9	99.9	99.9	99.9	518.0	999.9	99.9	999.9	999.9	999.

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
1115 GMT

148 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	86.0	992.0	-3.1	-4.1	160.0	0.5	-0.2	0.5	271.0	278.3	2.9	93.0	0.0	0.
0.5	7.0	190.5	979.0	-3.4	-3.8	71.7	14.5	-13.8	-4.6	271.8	279.3	3.0	97.0	0.4	64.
1.0	8.0	296.2	966.0	-4.0	-4.0	83.0	7.4	-7.3	-0.9	272.2	279.7	2.9	100.8	0.1	327.
1.4	9.0	403.3	953.0	-3.4	-3.4	141.2	4.5	-2.8	3.5	273.9	281.9	3.1	100.6	0.1	336.
1.8	10.0	503.6	941.0	-3.5	-3.5	161.5	6.9	-2.2	6.5	274.7	282.8	3.1	100.6	0.3	337.
2.3	11.0	639.3	925.0	-3.4	-3.4	162.3	8.0	-2.4	7.6	276.3	284.6	3.2	100.3	0.5	340.
2.5	12.0	742.6	913.0	-3.8	-3.8	162.4	7.8	-2.4	7.4	276.8	285.0	3.2	100.0	0.6	341.
3.2	13.0	855.8	900.0	-4.5	-4.5	173.3	7.8	-0.9	7.8	277.3	285.3	3.1	99.9	0.9	342.
3.7	14.0	961.7	888.0	-4.2	-4.2	186.4	8.9	1.0	9.8	278.7	287.0	3.2	100.0	1.2	346.
4.1	15.0	1078.0	875.0	-4.8	-4.8	200.1	8.2	2.8	7.7	279.2	287.3	3.1	99.9	1.4	350.
4.7	16.0	1214.2	860.0	-4.8	-4.8	229.6	6.5	5.0	4.2	280.6	288.9	3.1	99.9	1.6	356.
5.1	17.0	1324.7	848.0	-5.5	-5.6	246.9	6.6	6.0	2.6	280.9	288.8	3.0	99.8	1.6	1.
5.5	18.0	1427.1	837.0	-6.3	-6.3	256.4	7.2	7.0	1.7	281.2	288.7	2.8	99.7	1.7	6.
5.9	19.0	1540.1	825.0	-6.7	-6.8	264.0	7.3	7.3	0.8	281.8	289.3	2.8	99.6	1.8	12.
6.3	20.0	1654.5	813.0	-7.3	-7.4	273.0	6.7	6.7	-0.3	282.4	289.6	2.7	99.5	1.8	18.
6.9	21.0	1790.1	799.0	-6.7	-6.8	272.9	6.0	6.0	-0.3	284.4	292.2	2.9	99.3	1.8	24.
7.2	22.0	1898.4	788.0	-7.3	-7.4	264.5	6.5	6.5	0.6	284.9	292.5	2.8	99.3	1.9	27.
7.7	23.0	2018.0	776.0	-7.8	-7.9	251.6	7.6	7.2	2.4	285.7	293.1	2.7	98.9	2.0	32.
8.1	24.0	2129.1	765.0	-7.9	-8.1	242.7	7.7	6.9	3.5	286.7	294.1	2.7	98.9	2.2	35.
8.5	25.0	2241.8	754.0	-7.9	-8.1	235.2	7.6	6.2	4.3	287.9	295.5	2.8	98.7	2.4	37.
9.0	26.0	2387.8	740.0	-7.5	-7.6	228.1	7.4	5.5	4.9	289.9	298.0	2.9	98.7	2.6	38.
9.4	27.0	2504.4	729.0	-8.1	-8.2	225.1	7.4	5.2	5.2	290.5	298.3	2.8	98.7	2.8	38.
9.9	28.0	2622.6	718.0	-8.1	-8.3	222.0	7.4	5.0	5.5	291.8	299.7	2.9	98.4	3.0	39.
10.3	29.0	2731.6	708.0	-8.7	-8.9	219.2	7.3	4.6	5.6	292.3	300.0	2.8	98.3	3.2	39.
10.8	30.0	2853.0	697.0	-9.1	-9.3	215.2	7.2	4.1	5.8	293.1	300.7	2.7	98.0	3.4	39.
11.2	31.0	2976.2	686.0	-9.4	-9.6	212.7	7.3	3.9	6.1	294.1	301.7	2.7	98.0	3.6	38.
11.6	32.0	3089.6	676.0	-10.3	-10.6	211.5	7.6	4.0	6.5	294.3	301.5	2.5	97.7	3.7	38.
12.0	33.0	3216.0	665.0	-10.8	-11.2	211.2	8.0	4.1	6.8	295.1	302.0	2.4	96.9	4.0	38.
12.5	34.0	3332.4	655.0	-11.7	-12.1	211.2	8.3	4.3	7.1	295.4	302.0	2.3	96.6	4.2	37.
12.9	35.0	3450.3	645.0	-12.3	-12.8	211.2	8.5	4.4	7.3	296.0	302.4	2.2	96.1	4.4	37.
13.5	36.0	3605.8	632.0	-13.2	-13.8	211.3	8.9	4.6	7.6	296.6	302.6	2.1	95.4	4.7	37.
13.9	37.0	3727.2	622.0	-13.9	-14.6	210.8	9.1	4.7	7.8	297.1	302.9	2.0	94.7	4.9	36.
14.4	38.0	3850.1	612.0	-15.1	-15.8	209.4	9.6	4.7	8.3	297.2	302.6	1.8	94.2	5.2	36.
14.8	39.0	3962.1	603.0	-15.8	-16.5	207.9	9.8	4.6	8.7	297.6	302.8	1.7	93.9	5.4	36.
15.2	40.0	4088.1	593.0	-16.4	-17.3	206.4	10.0	4.4	9.0	298.3	303.2	1.7	93.3	5.7	35.
15.7	41.0	4241.7	581.0	-17.3	-18.2	205.1	9.9	4.2	9.0	299.0	303.7	1.6	92.5	6.0	35.
16.2	42.0	4358.7	572.0	-18.1	-19.1	204.0	9.6	3.9	8.8	299.4	303.8	1.5	92.0	6.2	34.
16.7	43.0	4490.3	562.0	-19.2	-20.1	202.7	9.3	3.6	8.6	299.6	303.8	1.4	92.0	6.5	34.
17.1	44.0	4610.3	553.0	-20.1	-21.1	202.3	9.4	3.6	8.7	299.9	303.8	1.3	91.8	6.7	34.
17.5	45.0	4731.8	544.0	-20.9	-22.0	203.1	10.0	3.9	9.2	300.3	304.0	1.2	91.0	7.0	33.
17.9	46.0	4854.9	535.0	-21.8	-23.0	205.5	11.4	4.9	10.3	300.6	304.1	1.1	90.2	7.1	33.
18.4	47.0	4979.6	526.0	-22.8	-24.0	209.3	12.8	6.3	11.1	301.0	304.2	1.0	89.4	7.6	32.
18.8	48.0	5106.1	517.0	-23.6	-24.8	213.4	13.0	7.2	10.9	301.5	304.5	1.0	89.3	7.9	32.
19.2	49.0	5234.2	508.0	-24.6	-26.0	218.0	12.9	7.9	10.2	301.7	304.5	0.9	88.6	8.2	32.
19.7	50.0	5349.6	500.0	-25.7	-27.1	223.1	12.7	8.7	9.2	301.8	304.4	0.8	87.8	8.6	33.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
1115 GMT

148 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
20.2	51.0	5510.6	489.0	-26.9	-28.4	226.3	12.5	9.1	8.6	302.2	304.6	0.7	86.8	9.0	34.
20.7	52.0	5629.3	481.0	-27.9	-29.5	228.0	12.2	9.1	8.2	302.4	304.5	0.7	85.9	9.3	34.
21.2	53.0	5764.8	472.0	-29.0	-30.8	228.8	11.6	8.7	7.6	302.7	304.7	0.6	84.2	9.7	35.
21.6	54.0	5886.8	464.0	-30.0	-31.9	228.9	10.9	8.2	7.2	302.9	304.7	0.6	83.5	9.9	35.
22.1	55.0	6010.4	456.0	-31.3	-33.3	228.4	10.0	7.5	6.7	302.7	304.4	0.5	82.4	10.2	35.
22.7	56.0	6167.1	446.0	-32.5	-34.6	226.8	9.0	6.5	6.1	303.2	304.6	0.4	81.0	10.6	36.
23.1	57.0	6294.4	438.0	-33.7	-35.9	225.3	8.3	5.9	5.8	303.2	304.6	0.4	79.8	10.8	36.
23.7	58.0	6423.5	430.0	-34.9	-37.3	223.5	7.7	5.3	5.6	303.3	304.5	0.4	78.3	11.0	36.
24.2	59.0	6554.2	422.0	-36.0	-38.6	224.1	7.4	5.2	5.3	303.4	304.5	0.3	77.2	11.3	36.
24.7	60.0	6686.9	414.0	-37.1	-39.7	227.4	6.8	5.0	4.6	303.7	304.7	0.3	76.3	11.5	36.
25.2	61.0	6821.5	406.0	-38.2	-40.9	231.3	6.0	4.7	3.8	304.0	304.9	0.3	75.4	11.7	37.
25.8	62.0	6940.9	399.0	-39.6	-42.6	229.7	5.6	4.3	3.6	303.6	304.4	0.2	72.8	11.9	37.
26.2	63.0	7078.9	391.0	-41.3	99.9	225.7	5.7	4.1	4.0	303.3	999.9	99.9	999.9	12.0	37.
26.8	64.0	7201.3	384.0	-42.4	99.9	224.2	6.5	4.5	4.6	303.5	999.9	99.9	999.9	12.2	37.
27.2	65.0	7325.4	377.0	-43.3	99.9	228.2	7.5	5.6	5.0	303.8	999.9	99.9	999.9	12.3	37.
27.8	66.0	7487.9	368.0	-43.9	99.9	236.7	10.2	8.6	5.6	305.2	999.9	99.9	999.9	12.7	38.
28.3	67.0	7616.6	361.0	-45.0	99.9	241.4	13.5	11.8	6.5	305.4	999.9	99.9	999.9	13.0	38.
28.8	68.0	7747.2	354.0	-45.6	99.9	243.5	17.5	15.7	7.8	305.9	999.9	99.9	999.9	13.4	39.
29.3	69.0	7879.9	347.0	-46.7	99.9	244.5	21.7	19.5	9.3	306.5	999.9	99.9	999.9	13.9	40.
29.8	70.0	8015.0	340.0	-47.0	99.9	245.1	25.2	22.9	10.6	308.0	999.9	99.9	999.9	14.6	41.
30.4	71.0	8172.4	332.0	-48.0	99.9	245.8	29.1	26.5	11.9	308.7	999.9	99.9	999.9	15.5	43.
30.9	72.0	8312.7	325.0	-48.7	99.9	245.9	33.3	30.4	13.6	309.6	999.9	99.9	999.9	16.2	44.
31.2	73.0	8455.9	318.0	-48.8	99.9	245.7	36.1	32.9	14.8	311.3	999.9	99.9	999.9	16.8	45.
31.8	74.0	8581.0	312.0	-49.0	99.9	245.3	41.2	37.5	17.2	312.8	999.9	99.9	999.9	18.2	46.
32.2	75.0	8708.3	306.0	-49.4	99.9	245.3	43.8	39.8	18.3	313.9	999.9	99.9	999.9	19.2	47.
32.8	76.0	8838.1	300.0	-49.6	99.9	245.2	47.2	42.8	19.8	315.5	999.9	99.9	999.9	20.7	49.
33.2	77.0	8970.2	294.0	-50.2	99.9	244.8	49.5	44.7	21.1	316.5	999.9	99.9	999.9	21.9	50.
33.8	78.0	9127.5	287.0	-50.5	99.9	243.9	52.3	47.0	23.0	318.3	999.9	99.9	999.9	23.7	51.
34.4	79.0	9265.1	281.0	-51.0	99.9	243.8	53.9	48.4	23.8	319.3	999.9	99.9	999.9	25.6	52.
34.9	80.0	9405.4	275.0	-51.6	99.9	244.3	55.3	49.9	24.0	320.4	999.9	99.9	999.9	27.1	52.
35.5	81.0	9572.6	268.0	-51.8	99.9	244.8	57.2	51.7	24.3	322.6	999.9	99.9	999.9	29.1	53.
36.1	82.0	9719.1	262.0	-52.6	99.9	245.4	56.6	51.5	23.6	323.6	999.9	99.9	999.9	31.2	54.
36.6	83.0	9843.6	257.0	-52.9	99.9	245.9	55.6	50.8	22.7	324.9	999.9	99.9	999.9	32.8	55.
37.1	84.0	9996.1	251.0	-52.6	99.9	245.9	55.8	50.9	22.7	327.6	999.9	99.9	999.9	34.4	55.
37.5	85.0	10126.3	246.0	-52.0	99.9	245.8	56.1	51.2	23.0	330.4	999.9	99.9	999.9	35.8	56.
38.2	86.0	10313.3	239.0	-52.1	99.9	246.1	55.5	50.7	22.5	332.9	999.9	99.9	999.9	38.1	56.
38.7	87.0	10450.2	234.0	-52.1	99.9	246.8	54.0	49.7	21.3	334.9	999.9	99.9	999.9	39.7	57.
39.2	88.0	10590.0	229.0	-52.1	99.9	248.0	50.8	47.1	19.0	337.0	999.9	99.9	999.9	41.4	57.
39.8	89.0	10762.0	223.0	-51.8	99.9	248.8	46.4	43.2	16.8	340.0	999.9	99.9	999.9	43.0	58.
40.3	90.0	10909.1	218.0	-51.6	99.9	247.9	46.1	42.7	17.3	342.4	999.9	99.9	999.9	44.3	58.
40.9	91.0	11059.6	213.0	-51.8	99.9	247.2	49.6	45.7	19.2	344.5	999.9	99.9	999.9	45.9	58.
41.4	92.0	11213.6	208.0	-51.8	99.9	248.0	52.3	48.5	19.6	346.8	999.9	99.9	999.9	47.5	58.
42.0	93.0	11371.3	203.0	-52.1	99.9	249.0	53.1	49.6	19.1	348.8	999.9	99.9	999.9	49.5	59.
42.6	94.0	11500.1	199.0	-52.1	99.9	248.5	50.8	47.3	18.7	350.8	999.9	99.9	999.9	51.2	59.
43.1	95.0	11664.9	194.0	-52.1	99.9	247.2	46.8	43.2	18.2	353.3	999.9	99.9	999.9	53.0	60.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
1115 GMT

148 19. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
43.8	96.0	11868.2	188.0	-52.3	99.9	245.6	44.2	40.2	18.2	356.3	999.9	99.9	999.9	54.5	60.
44.4	97.0	12007.2	184.0	-52.7	99.9	245.8	47.3	43.2	19.4	357.7	999.9	99.9	999.9	56.1	60.
45.0	98.0	12185.2	179.0	-52.6	99.9	245.7	47.0	42.8	19.4	360.8	999.9	99.9	999.9	58.0	60.
45.5	99.0	12368.1	174.0	-52.9	99.9	243.9	42.2	37.9	19.6	363.2	999.9	99.9	999.9	59.4	60.
46.1	100.0	12480.2	171.0	-53.2	99.9	239.6	42.3	36.5	21.4	364.6	999.9	99.9	999.9	60.6	60.
46.7	101.0	12671.3	166.0	-53.5	99.9	237.1	52.2	43.8	28.3	367.1	999.9	99.9	999.9	62.1	60.
47.3	102.0	12867.6	161.0	-54.6	99.9	237.2	62.2	52.3	33.7	368.5	999.9	99.9	999.9	64.4	60.
47.9	103.0	13028.6	157.0	-54.9	99.9	238.5	60.7	51.8	31.7	370.7	999.9	99.9	999.9	66.9	60.
48.5	104.0	13193.6	153.0	-54.9	99.9	241.3	51.7	45.3	24.8	373.4	999.9	99.9	999.9	69.2	60.
49.0	105.0	13320.1	150.0	-55.0	99.9	243.2	49.6	44.2	22.4	375.2	999.9	99.9	999.9	69.9	60.
49.6	106.0	13492.4	146.0	-56.0	99.9	244.6	52.1*	47.1	22.4	376.5	999.9	99.9	999.9	72.2	60.
50.2	107.0	13669.0	142.0	-56.2	99.9	247.5	51.2*	47.3	19.6	379.2	999.9	99.9	999.9	74.0	60.
50.7	108.0	13850.6	138.0	-56.3	99.9	249.4	47.1*	44.1	16.6	382.0	999.9	99.9	999.9	75.6	60.
51.2	109.0	13990.1	135.0	-56.5	99.9	248.2	42.4*	39.4	15.8	384.2	999.9	99.9	999.9	76.9	61.
51.8	110.0	14181.0	131.0	-56.3	99.9	243.8	40.1*	36.0	17.7	387.8	999.9	99.9	999.9	78.3	61.
52.5	111.0	14377.5	127.0	-57.5	99.9	242.1	43.4*	38.3	20.3	389.2	999.9	99.9	999.9	79.7	61.
53.0	112.0	14528.5	124.0	-57.3	99.9	243.6	45.4*	40.6	20.2	392.1	999.9	99.9	999.9	81.2	61.
53.6	113.0	14735.8	120.0	-57.5	99.9	245.0	40.0*	36.2	16.9	395.5	999.9	99.9	999.9	83.2	61.
54.2	114.0	14895.5	117.0	-58.1	99.9	244.3	36.0*	32.5	15.6	397.2	999.9	99.9	999.9	84.1	61.
54.8	115.0	15058.7	114.0	-59.0	99.9	244.7	37.2*	33.7	15.9	398.6	999.9	99.9	999.9	85.5	61.
55.5	116.0	15282.6	110.0	-59.5	99.9	243.6	38.5*	35.9	14.0	401.7	999.9	99.9	999.9	87.0	61.
56.0	117.0	15455.6	107.0	-59.5	99.9	251.7	40.5*	38.4	12.7	404.9	999.9	99.9	999.9	88.0	61.
56.6	118.0	15633.7	104.0	-59.3	99.9	253.9	39.5*	38.0	11.0	408.5	999.9	99.9	999.9	89.9	61.
57.1	119.0	15817.0	101.0	-59.3	99.9	255.2	35.6*	34.4	9.1	412.0	999.9	99.9	999.9	90.8	62.
57.7	120.0	16005.8	98.0	-59.3	99.9	256.0	31.1*	30.2	7.5	415.5	999.9	99.9	999.9	92.0	62.
58.2	121.0	16200.6	95.0	-59.3	99.9	255.4	28.7*	27.8	7.2	419.2	999.9	99.9	999.9	92.9	62.
58.9	122.0	16333.7	93.0	-59.8	99.9	252.0	29.0*	27.5	8.9	420.8	999.9	99.9	999.9	93.8	62.
59.4	123.0	16538.1	90.0	-60.7	99.9	249.4	30.1*	28.2	10.6	423.0	999.9	99.9	999.9	94.8	62.
60.0	124.0	16743.6	87.0	-61.8	99.9	247.8	30.0*	27.7	11.3	425.0	999.9	99.9	999.9	96.0	62.
60.6	125.0	16892.8	85.0	-61.2	99.9	247.6	33.9*	31.4	12.9	428.9	999.9	99.9	999.9	96.8	62.
61.5	126.0	17191.9	81.0	-61.4	99.9	250.3	43.2*	40.7	14.6	434.5	999.9	99.9	999.9	99.4	62.
62.1	127.0	17346.7	79.0	-61.9	99.9	254.2	44.1*	42.4	12.0	436.5	999.9	99.9	999.9	100.5	62.
62.7	128.0	17505.4	77.0	-61.8	99.9	256.8	41.5*	40.4	9.5	440.1	999.9	99.9	999.9	102.3	63.
63.2	129.0	17751.6	74.0	-61.6	99.9	256.3	37.7*	36.6	8.9	445.5	999.9	99.9	999.9	103.4	63.
63.8	130.0	17921.3	72.0	-61.8	99.9	253.4	37.1*	35.6	10.6	448.6	999.9	99.9	999.9	104.6	63.
64.5	131.0	18184.3	69.0	-62.7	99.9	252.8	43.9*	41.9	12.9	452.2	999.9	99.9	999.9	106.0	63.
65.1	132.0	18365.4	67.0	-63.2	99.9	253.8	43.0*	41.3	12.0	454.8	999.9	99.9	999.9	108.1	63.
65.8	133.0	18647.1	64.0	-63.2	99.9	255.0	34.2*	33.0	8.9	460.8	999.9	99.9	999.9	109.5	63.
66.5	134.0	18842.2	62.0	-63.4	99.9	256.4	28.3*	27.5	6.7	464.6	999.9	99.9	999.9	110.7	64.
67.2	135.0	19043.5	60.0	-63.8	99.9	254.4	27.0*	26.0	7.3	468.2	999.9	99.9	999.9	111.8	64.
68.0	136.0	19251.6	58.0	-63.4	99.9	250.3	29.1*	27.4	9.8	473.6	999.9	99.9	999.9	113.0	64.
68.9	137.0	19577.0	55.0	-64.5	99.9	249.9	30.5*	28.6	10.5	478.2	999.9	99.9	999.9	114.8	64.
69.7	138.0	19803.1	53.0	-65.1	99.9	254.7	35.2*	34.0	9.3	482.0	999.9	99.9	999.9	116.2	64.
70.6	139.0	20158.0	50.0	-65.3	99.9	254.0	45.1*	43.3	12.4	489.6	999.9	99.9	999.9	118.3	64.
71.4	140.0	20406.6	48.0	-65.1	99.9	256.8	37.9*	36.9	8.7	495.8	999.9	99.9	999.9	120.7	64.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
1115 GMT

148 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
72.3	141.0	20665.9	46.0	-65.3	99.9	263.4	34.6*	34.4	4.0	501.5	999.9	99.9	999.9	122.2	65.
73.3	142.0	21076.5	43.0	-65.3	99.9	262.1	34.9*	34.5	4.8	511.2	999.9	99.9	999.9	124.4	65.
74.2	143.0	21365.5	41.0	-66.7	99.9	267.3	32.1*	32.1	1.5	514.8	999.9	99.9	999.9	126.0	65.
75.2	144.0	21668.9	39.0	-65.5	99.9	270.8	33.2*	33.2	-0.4	525.2	999.9	99.9	999.9	127.7	66.
76.2	145.0	21989.1	37.0	-65.5	99.9	263.6	39.6*	39.4	4.4	533.2	999.9	99.9	999.9	129.6	66.
77.2	146.0	22504.1	34.0	-64.9	99.9	259.2	40.8*	40.1	7.6	547.7	999.9	99.9	999.9	132.3	66.
78.2	147.0	22874.6	32.0	-64.2	99.9	258.2	35.5*	34.7	7.3	559.4	999.9	99.9	999.9	134.4	66.
79.3	148.0	23269.0	30.0	-64.9	99.9	262.6	36.6*	36.3	4.7	567.7	999.9	99.9	999.9	136.6	67.
80.3	149.0	23688.7	28.0	-66.1	99.9	268.2	35.2*	35.2	1.1	575.8	999.9	99.9	999.9	138.8	67.
81.8	150.0	24139.2	26.0	-65.1	99.9	267.5	31.7*	31.6	1.4	590.9	999.9	99.9	999.9	141.4	67.
83.3	151.0	24629.2	24.0	-63.2	99.9	258.2	46.2*	45.2	9.4	610.0	999.9	99.9	999.9	145.0	68.
84.9	152.0	25165.5	22.0	-62.3	99.9	999.9	99.9	99.9	59.9	628.1	999.9	99.9	999.9	999.9	999.
86.4	153.0	26068.5	19.0	-63.4	99.9	999.9	99.9	99.9	59.9	651.6	999.9	99.9	999.9	999.9	999.

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
1415 GMT

148 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	86.0	991.7	-2.2	-3.6	170.0	2.6	-0.5	2.6	272.0	279.5	3.0	90.0	0.0	0.
0.4	7.0	164.1	982.0	-2.4	-3.7	999.9	99.9	99.9	99.9	272.6	280.2	3.0	90.5	999.9	999.
0.8	8.0	262.0	970.0	-1.2	-2.4	999.9	99.9	99.9	99.9	274.7	283.2	3.3	91.9	999.9	999.
1.2	9.0	361.5	958.0	-0.4	-1.4	999.9	99.9	99.9	99.9	276.5	285.8	3.6	93.4	999.9	999.
1.4	10.0	462.6	946.0	0.5	-0.2	999.9	99.9	99.9	99.9	278.6	288.9	4.0	94.9	999.9	999.
1.8	11.0	590.8	931.0	-0.4	-1.0	999.9	99.9	99.9	99.9	278.8	288.7	3.8	95.8	999.9	999.
2.1	12.0	685.8	920.0	-1.4	-1.8	999.9	99.9	99.9	99.9	278.8	288.2	3.6	96.9	999.9	999.
2.6	13.0	790.3	908.0	-2.8	-3.2	999.9	99.9	99.9	99.9	278.3	287.0	3.3	97.5	999.9	999.
2.9	14.0	886.7	897.0	-4.1	-4.4	999.9	99.9	99.9	99.9	278.0	286.0	3.1	97.7	999.9	999.
3.3	15.0	993.0	885.0	-4.7	-5.0	999.9	99.9	99.9	99.9	278.4	286.2	3.0	97.6	999.9	999.
3.8	16.0	1118.4	871.0	-5.4	-5.8	999.9	99.9	99.9	99.9	278.9	286.4	2.9	97.5	999.9	999.
4.2	17.0	1227.3	859.0	-5.9	-6.2	999.9	99.9	99.9	99.9	279.5	286.9	2.8	97.4	999.9	999.
4.6	18.0	1319.0	849.0	-6.6	-7.0	999.9	99.9	99.9	99.9	279.6	286.7	2.7	97.3	999.9	999.
4.9	19.0	1420.9	838.0	-7.1	-7.4	999.9	99.9	99.9	99.9	280.2	287.2	2.6	97.3	999.9	999.
5.3	20.0	1524.0	827.0	-7.4	-7.7	999.9	99.9	99.9	99.9	280.9	287.9	2.6	97.2	999.9	999.
5.8	21.0	1647.4	814.0	-7.8	-8.2	999.9	99.9	99.9	99.9	281.7	288.6	2.5	97.1	999.9	999.
6.2	22.0	1753.4	803.0	-7.4	-7.7	999.9	99.9	99.9	99.9	283.3	290.5	2.7	97.2	999.9	999.
6.7	23.0	1861.0	792.0	-7.1	-7.4	999.9	99.9	99.9	99.9	284.8	292.3	2.8	97.3	999.9	999.
7.0	24.0	1960.1	782.0	-7.4	-7.7	999.9	99.9	99.9	99.9	285.5	292.9	2.7	97.2	999.9	999.
7.4	25.0	2070.6	771.0	-7.5	-7.9	999.9	99.9	99.9	99.9	286.5	294.0	2.7	97.2	999.9	999.
7.9	26.0	2192.8	759.0	-7.8	-8.3	999.9	99.9	99.9	99.9	287.4	294.8	2.7	96.3	999.9	999.
8.3	27.0	2306.3	748.0	-8.6	-9.1	999.9	99.9	99.9	99.9	287.8	294.9	2.6	95.7	999.9	999.
8.7	28.0	2410.7	738.0	-8.8	-9.6	999.9	99.9	99.9	99.9	288.6	295.6	2.5	94.6	999.9	999.
9.1	29.0	2516.4	728.0	-9.3	-10.1	999.9	99.9	99.9	99.9	289.2	296.0	2.4	93.6	999.9	999.
9.5	30.0	2623.4	718.0	-9.6	-10.5	999.9	99.9	99.9	99.9	290.1	296.8	2.4	93.1	999.9	999.
10.0	31.0	2720.8	709.0	-10.0	-10.9	999.9	99.9	99.9	99.9	290.6	297.2	2.3	92.9	999.9	999.
10.4	32.0	2841.4	698.0	-10.3	-11.3	999.9	99.9	99.9	99.9	291.6	298.1	2.3	91.9	999.9	999.
10.8	33.0	2941.4	689.0	-10.6	-11.6	268.2	19.6	19.6	0.6	292.4	298.9	2.3	92.4	5.6	80.
11.2	34.0	3053.9	679.0	-11.2	-12.2	270.2	18.6	18.6	-0.1	292.9	299.2	2.2	91.8	6.0	81.
11.7	35.0	3167.8	669.0	-11.7	-13.1	268.2	18.3	18.3	0.6	293.5	299.5	2.1	89.5	6.5	81.
12.2	36.0	3294.8	658.0	-12.2	-13.6	266.1	18.4	18.4	1.3	294.4	300.3	2.0	89.2	7.1	82.
12.7	37.0	3400.0	649.0	-13.1	-14.6	264.1	19.0	18.9	2.0	294.4	300.0	1.9	88.9	7.6	82.
13.2	38.0	3506.4	640.0	-13.6	-15.0	262.5	19.5	19.4	2.6	295.1	300.6	1.9	88.9	8.2	82.
13.6	39.0	3614.1	631.0	-14.3	-15.7	261.6	19.7	19.5	2.9	295.5	300.7	1.8	89.0	8.7	82.
14.0	40.0	3723.0	622.0	-14.8	-16.4	261.2	19.5	19.3	3.0	296.1	301.1	1.7	87.3	9.2	82.
14.6	41.0	3857.9	611.0	-15.8	-17.6	261.7	19.0	18.8	2.7	296.5	301.1	1.6	86.1	9.9	82.
15.1	42.0	3969.7	602.0	-16.5	-18.3	261.9	18.6	18.4	2.6	296.9	301.4	1.5	85.9	10.4	82.
15.6	43.0	4082.9	593.0	-17.3	-19.2	260.9	18.3	18.1	2.9	297.2	301.5	1.4	85.3	11.0	82.
16.0	44.0	4197.4	584.0	-18.1	-20.2	259.6	18.3	18.0	3.3	297.6	301.5	1.3	83.3	11.4	82.
16.5	45.0	4300.4	576.0	-18.7	-20.9	259.6	18.6	18.3	3.4	298.1	301.9	1.2	82.2	11.9	82.
16.9	46.0	4417.7	567.0	-19.5	-21.8	261.0	18.8	18.6	2.9	298.5	302.1	1.2	81.6	12.4	82.
17.2	47.0	4523.2	559.0	-20.1	-22.4	261.7	18.7	18.5	2.7	298.9	302.3	1.1	81.6	12.8	82.
17.7	48.0	4643.4	550.0	-20.9	-23.6	261.5	18.1	17.9	2.7	299.3	302.5	1.0	78.9	13.3	82.
18.1	49.0	4751.5	542.0	-21.7	-25.0	260.3	17.7	17.5	3.0	299.6	302.5	0.9	74.7	13.7	82.
18.6	50.0	4860.9	534.0	-22.7	-25.6	258.8	17.6	17.3	3.4	299.8	302.5	0.9	76.6	14.3	82.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 7 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
1415 GMT

148 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.1	51.0	4999.3	524.0	-23.9	-26.4	258.7	17.7	17.4	3.5	299.9	302.6	0.8	79.3	14.8	81.
19.5	52.0	5111.5	516.0	-24.7	-27.4	259.6	17.8	17.5	3.2	300.3	302.7	0.8	78.1	15.2	81.
20.0	53.0	5225.1	508.0	-25.6	-28.3	260.2	18.2	17.9	3.1	300.5	302.8	0.7	77.4	15.7	81.
20.4	54.0	5340.0	500.0	-26.6	-29.7	259.8	18.4	18.1	3.2	300.6	302.6	0.6	75.0	16.2	81.
20.9	55.0	5456.3	492.0	-27.6	-30.6	259.0	18.3	18.0	3.5	300.8	302.8	0.6	74.9	16.7	81.
21.4	56.0	5603.8	482.0	-28.6	-31.7	258.7	18.1	17.7	3.6	301.3	303.1	0.6	74.7	17.3	81.
21.9	57.0	5708.3	475.0	-29.7	-32.5	258.7	17.8	17.4	3.5	301.3	302.9	0.5	76.1	17.8	81.
22.3	58.0	5814.0	468.0	-30.7	-33.4	258.2	17.8	17.4	3.6	301.2	302.8	0.5	76.8	18.2	81.
22.7	59.0	5936.2	460.0	-31.8	-34.4	257.0	17.8	17.4	4.0	301.4	302.8	0.4	77.1	18.7	81.
23.2	60.0	6060.1	452.0	-32.7	-35.8	256.9	17.8	17.2	4.7	301.8	303.0	0.4	73.7	19.2	81.
23.7	61.0	6169.8	445.0	-33.7	-37.1	253.8	17.5	16.8	4.9	301.8	302.9	0.3	71.3	19.8	81.
24.2	62.0	6280.8	438.0	-34.5	-38.1	254.7	16.5	15.9	4.4	302.1	303.2	0.3	69.7	20.3	80.
24.6	63.0	6393.1	431.0	-35.7	-39.6	256.4	15.1	14.7	3.6	302.0	302.9	0.3	67.1	20.6	80.
25.0	64.0	6506.8	424.0	-36.7	-40.7	258.1	13.1	12.8	2.7	302.2	303.1	0.3	65.6	21.1	80.
25.5	65.0	6621.9	417.0	-37.6	-42.0	257.7	11.1	10.9	2.4	302.5	303.2	0.2	63.1	21.4	80.
26.1	66.0	6755.2	409.0	-38.9	-43.7	254.0	11.4	11.0	3.2	302.4	303.0	0.2	60.5	21.7	80.
26.5	67.0	6873.4	402.0	-39.9	-44.8	251.5	11.8	11.2	3.7	302.7	303.2	0.2	59.1	22.1	80.
27.0	68.0	6993.2	395.0	-40.7	-45.9	249.4	10.3	9.7	3.6	303.2	999.9	99.9	999.9	22.4	80.
27.5	69.0	7114.6	388.0	-41.9	-47.0	248.6	7.7	7.2	2.8	303.1	999.9	99.9	999.9	22.7	80.
27.9	70.0	7220.0	382.0	-42.6	-48.1	247.9	6.2	5.8	2.3	303.6	999.9	99.9	999.9	22.8	80.
28.4	71.0	7362.5	374.0	-43.9	-49.2	242.8	5.3	4.7	2.4	303.8	999.9	99.9	999.9	23.0	80.
28.9	72.0	7489.1	367.0	-44.9	-50.3	234.9	5.3	4.4	3.1	304.1	999.9	99.9	999.9	23.1	80.
29.3	73.0	7599.0	361.0	-46.1	-51.4	232.9	5.7	4.6	3.5	303.8	999.9	99.9	999.9	23.2	79.
29.7	74.0	7710.3	355.0	-46.7	-52.5	236.3	6.7	5.6	3.7	304.5	999.9	99.9	999.9	23.3	79.
30.1	75.0	7823.2	349.0	-47.4	-53.5	242.2	8.8	7.8	4.1	305.0	999.9	99.9	999.9	23.4	79.
30.5	76.0	7937.7	343.0	-48.2	-54.6	246.4	12.7	11.6	5.1	305.6	999.9	99.9	999.9	23.6	79.
30.9	77.0	8073.4	336.0	-48.7	-55.7	247.0	18.1	16.7	7.1	306.6	999.9	99.9	999.9	24.0	79.
31.3	78.0	8191.9	330.0	-48.6	-56.8	246.2	23.1	21.1	9.3	308.3	999.9	99.9	999.9	24.5	79.
31.7	79.0	8312.6	324.0	-48.6	-57.9	244.9	27.0	24.4	11.5	310.0	999.9	99.9	999.9	25.1	78.
32.2	80.0	8435.6	318.0	-48.3	-59.0	243.5	30.4	27.2	13.6	312.0	999.9	99.9	999.9	26.0	78.
32.7	81.0	8582.1	311.0	-48.6	-60.1	242.9	33.4	29.7	15.2	313.6	999.9	99.9	999.9	26.9	77.
33.2	82.0	8710.1	305.0	-49.0	-61.2	242.9	36.6	32.5	16.7	314.8	999.9	99.9	999.9	27.9	77.
33.7	83.0	8818.4	300.0	-49.6	-62.3	242.8	38.7	34.4	17.7	315.4	999.9	99.9	999.9	29.1	76.
34.1	84.0	8950.7	294.0	-49.8	-63.4	243.0	39.4	35.1	17.9	317.0	999.9	99.9	999.9	30.1	76.
34.5	85.0	9062.9	289.0	-49.8	-64.5	244.0	40.2	36.1	17.6	318.6	999.9	99.9	999.9	30.8	75.
35.1	86.0	9223.3	282.0	-49.9	-65.6	246.2	44.9	41.0	18.1	320.6	999.9	99.9	999.9	32.3	75.
35.6	87.0	9340.4	277.0	-49.3	-66.7	247.3	48.8	45.0	18.8	323.1	999.9	99.9	999.9	33.7	75.
36.0	88.0	9483.9	271.0	-49.5	-67.8	247.8	50.3	46.5	19.0	324.9	999.9	99.9	999.9	35.1	74.
36.4	89.0	9605.9	266.0	-49.5	-68.9	247.5	50.4	46.6	19.3	326.7	999.9	99.9	999.9	36.2	74.
36.9	90.0	9730.1	261.0	-49.9	-70.0	246.5	50.5	46.3	20.1	327.8	999.9	99.9	999.9	37.7	74.
37.2	91.0	9856.6	256.0	-49.9	-71.1	245.9	50.7	46.3	20.7	329.6	999.9	99.9	999.9	38.6	74.
37.7	92.0	9985.5	251.0	-49.9	-72.2	245.3	51.3	46.6	21.4	331.5	999.9	99.9	999.9	40.1	73.
38.1	93.0	10117.3	246.0	-49.2	-73.3	245.4	51.7	47.0	21.5	334.5	999.9	99.9	999.9	41.3	73.
38.6	94.0	10252.0	241.0	-49.2	-74.4	245.5	50.9	46.3	21.1	336.5	999.9	99.9	999.9	42.9	73.
39.1	95.0	10361.8	237.0	-49.2	-75.5	245.4	49.3	44.8	20.5	338.1	999.9	99.9	999.9	44.5	73.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 7 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
1415 GMT

148 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
39.7	96.0	10529.8	231.0	-49.8	99.9	244.9	50.5	45.7	21.4	339.7	999.9	99.9	999.9	46.0	72.
40.2	97.0	10673.0	226.0	-49.6	99.9	244.2	52.2	47.0	22.7	342.0	999.9	99.9	999.9	47.7	72.
40.8	98.0	10819.5	221.0	-49.5	99.9	243.7	51.8	46.5	22.9	344.4	999.9	99.9	999.9	49.6	72.
41.3	99.0	10939.0	217.0	-50.4	99.9	244.5	52.7	47.6	22.7	344.9	999.9	99.9	999.9	51.0	71.
41.8	100.0	11091.0	212.0	-50.7	99.9	245.9	55.4	50.5	22.6	346.7	999.9	99.9	999.9	52.6	71.
42.3	101.0	11246.5	207.0	-50.7	99.9	246.9	55.7	51.3	21.9	349.1	999.9	99.9	999.9	54.4	71.
42.9	102.0	11373.5	203.0	-51.1	99.9	247.1	50.9	46.9	19.8	350.3	999.9	99.9	999.9	56.5	71.
43.4	103.0	11502.8	199.0	-51.4	99.9	246.8	46.5	42.7	18.3	351.8	999.9	99.9	999.9	57.8	71.
43.8	104.0	11668.3	194.0	-50.8	99.9	246.4	44.7	41.0	17.9	355.4	999.9	99.9	999.9	58.9	71.
44.3	105.0	11804.0	190.0	-50.8	99.9	245.7	44.2	40.2	18.2	357.5	999.9	99.9	999.9	60.2	71.
44.8	106.0	11942.6	186.0	-50.7	99.9	244.7	44.5	40.2	19.0	359.9	999.9	99.9	999.9	61.5	71.
45.2	107.0	12084.3	182.0	-50.7	99.9	243.8	44.5	40.0	19.6	362.2	999.9	99.9	999.9	62.5	71.
45.7	108.0	12229.0	178.0	-51.0	99.9	242.2	43.2	38.2	20.2	364.0	999.9	99.9	999.9	63.9	70.
46.2	109.0	12376.8	174.0	-51.3	99.9	239.1	40.7	35.0	20.9	365.9	999.9	99.9	999.9	65.2	70.
46.7	110.0	12489.7	171.0	-51.9	99.9	235.5	40.3	33.2	22.8	366.7	999.9	99.9	999.9	66.3	70.
47.3	111.0	12681.9	166.0	-52.2	99.9	234.0	44.4*	35.9	25.1	369.3	999.9	99.9	999.9	67.6	70.
47.8	112.0	12839.7	162.0	-52.2	99.9	235.2	48.1*	39.5	27.5	371.9	999.9	99.9	999.9	69.0	69.
48.2	113.0	12960.6	159.0	-52.7	99.9	236.7	49.7*	41.6	27.3	373.1	999.9	99.9	999.9	70.2	69.
48.8	114.0	13125.2	155.0	-52.5	99.9	239.1	50.7*	43.5	26.0	376.1	999.9	99.9	999.9	72.0	69.
49.3	115.0	13293.9	151.0	-53.1	99.9	240.9	51.4*	44.9	25.0	377.8	999.9	99.9	999.9	73.5	69.
49.9	116.0	13466.5	147.0	-54.2	99.9	243.4	53.7*	48.0	24.1	378.8	999.9	99.9	999.9	75.3	68.
50.4	117.0	13598.8	144.0	-53.9	99.9	245.3	55.5*	50.5	23.2	381.6	999.9	99.9	999.9	76.8	68.
51.0	118.0	13779.8	140.0	-53.8	99.9	245.6	52.2*	47.6	21.6	385.0	999.9	99.9	999.9	79.5	68.
51.5	119.0	13919.0	137.0	-53.8	99.9	243.2	45.8*	40.9	20.6	387.4	999.9	99.9	999.9	80.3	68.
52.0	120.0	14061.3	134.0	-53.8	99.9	240.3	40.7*	35.4	20.2	389.8	999.9	99.9	999.9	81.9	68.
52.5	121.0	14255.7	130.0	-54.4	99.9	238.9	38.9*	33.3	20.1	392.1	999.9	99.9	999.9	83.0	68.
53.1	122.0	14405.2	127.0	-54.7	99.9	239.9	45.2*	39.1	22.7	394.2	999.9	99.9	999.9	84.1	68.
53.6	123.0	14558.0	124.0	-55.2	99.9	242.1	52.9*	46.7	24.7	396.0	999.9	99.9	999.9	85.8	68.
54.1	124.0	14714.1	121.0	-56.0	99.9	244.4	55.9*	50.4	24.1	397.3	999.9	99.9	999.9	87.5	68.
54.7	125.0	14873.6	118.0	-56.5	99.9	244.8	48.6*	44.0	20.7	399.3	999.9	99.9	999.9	89.6	68.
55.3	126.0	15091.9	114.0	-57.6	99.9	241.4	34.9*	30.7	16.7	401.1	999.9	99.9	999.9	91.3	68.
55.9	127.0	15260.2	111.0	-57.6	99.9	238.3	30.3*	25.8	15.9	404.1	999.9	99.9	999.9	91.6	67.
56.5	128.0	15433.3	108.0	-57.5	99.9	241.8	36.9*	32.5	17.4	407.6	999.9	99.9	999.9	93.4	67.
57.2	129.0	15611.4	105.0	-57.0	99.9	246.8	38.5*	35.4	15.2	411.9	999.9	99.9	999.9	94.8	67.
57.9	130.0	15794.6	102.0	-57.8	99.9	248.3	31.0*	28.8	11.5	413.7	999.9	99.9	999.9	96.5	67.
58.7	131.0	15982.9	99.0	-57.8	99.9	243.8	29.6*	26.6	13.0	417.2	999.9	99.9	999.9	97.6	67.
59.4	132.0	16177.1	96.0	-57.6	99.9	240.2	41.4*	35.9	20.5	421.3	999.9	99.9	999.9	98.7	67.
60.0	133.0	16377.3	93.0	-58.2	99.9	239.8	49.3*	42.6	24.8	424.1	999.9	99.9	999.9	101.0	67.
60.4	134.0	16583.4	90.0	-58.8	99.9	242.0	49.6*	43.8	23.3	426.7	999.9	99.9	999.9	102.1	67.
61.0	135.0	16756.0	87.0	-59.3	99.9	247.1	49.4*	45.5	19.2	429.9	999.9	99.9	999.9	103.4	67.
61.6	136.0	17015.7	84.0	-59.5	99.9	250.8	44.3*	41.8	14.5	433.8	999.9	99.9	999.9	105.8	67.
62.3	137.0	17242.9	81.0	-60.2	99.9	254.9	35.1*	33.9	9.1	436.9	999.9	99.9	999.9	107.1	67.
63.1	138.0	17478.2	78.0	-60.4	99.9	256.7	37.5*	36.5	8.6	441.3	999.9	99.9	999.9	108.6	67.
63.9	139.0	17722.4	75.0	-60.8	99.9	256.0	41.9*	40.7	10.2	445.6	999.9	99.9	999.9	110.9	67.
64.8	140.0	17976.1	72.0	-61.1	99.9	254.8	32.2*	31.1	8.5	450.0	999.9	99.9	999.9	112.7	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
1415 GMT

148 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.7	141.0	18240.5	69.0	-61.1	99.9	249.1	30.1*	28.1	10.7	455.5	999.9	99.9	999.9	114.3	68.
66.6	142.0	18516.4	66.0	-61.5	99.9	247.6	38.9*	36.0	4.8	460.6	999.9	99.9	999.9	115.9	68.
67.5	143.0	18804.4	63.0	-62.0	99.9	247.6	45.5*	42.1	17.4	465.6	999.9	99.9	999.9	118.9	68.
68.4	144.0	19105.9	60.0	-62.4	99.9	249.1	35.7*	33.3	12.7	471.3	999.9	99.9	999.9	120.7	68.
69.4	145.0	19422.2	57.0	-62.9	99.9	251.5	39.3*	37.2	12.5	477.0	999.9	99.9	999.9	122.6	68.
70.4	146.0	19755.0	54.0	-63.1	99.9	259.2	28.6*	28.0	5.4	484.0	999.9	99.9	999.9	124.8	68.
71.4	147.0	20105.7	51.0	-64.3	99.9	261.4	31.6*	31.2	4.7	489.3	999.9	99.9	999.9	126.6	68.
72.5	148.0	20476.1	48.0	-64.8	99.9	260.3	18.7*	18.4	3.1	496.5	999.9	99.9	999.9	128.8	68.
73.7	149.0	20870.1	45.0	-64.6	99.9	256.2	28.2*	27.3	5.7	506.2	999.9	99.9	999.9	129.8	68.
75.0	150.0	21293.4	42.0	-62.7	99.9	254.6	49.4*	47.6	13.1	521.0	999.9	99.9	999.9	132.2	68.
76.2	151.0	21751.6	39.0	-61.5	99.9	262.2	32.1*	31.8	4.4	535.4	999.9	99.9	999.9	136.2	69.
77.6	152.0	22077.6	37.0	-62.0	99.9	999.9	99.9	99.9	99.9	542.1	999.9	99.9	999.9	999.9	999.
79.0	153.0	22599.1	34.0	-63.1	99.9	999.9	99.9	99.9	99.9	552.5	999.9	99.9	999.9	999.9	999.

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
1715 GMT

160 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGF KM	AZ DG
0.0	6.3	86.0	991.4	0.0	-2.2	180.0	3.6	0.0	3.6	274.2	282.6	3.3	85.0	0.0	0.
0.3	7.0	154.2	983.0	-0.4	-1.7	198.6	3.4	1.1	3.2	274.6	283.3	3.4	90.4	0.1	25.
0.7	8.0	244.1	972.0	-1.2	-2.0	217.6	3.3	2.0	2.6	274.7	283.4	3.4	94.0	0.1	23.
1.0	9.0	334.8	961.0	-2.1	-2.8	243.1	3.9	3.4	1.7	274.6	282.9	3.2	94.5	0.2	21.
1.4	10.0	426.6	950.0	-1.0	-1.6	269.5	6.0	6.0	0.0	276.6	285.8	3.6	95.4	0.3	50.
1.9	11.0	536.7	937.0	-1.0	-1.5	277.4	8.3	8.2	-1.1	277.7	287.2	3.7	96.3	0.4	70.
2.2	12.0	630.9	926.0	-1.8	-2.2	277.1	9.5	9.4	-1.2	277.9	287.0	3.5	97.0	0.6	78.
2.6	13.0	717.3	916.0	-2.7	-3.1	275.6	10.9	10.8	-1.1	277.7	286.4	3.3	97.3	0.8	83.
3.0	14.0	813.0	905.0	-3.3	-3.7	274.6	12.0	12.0	-1.0	278.0	286.4	3.2	97.2	1.1	86.
3.3	15.0	909.8	894.0	-3.8	-4.1	275.6	12.1	12.0	-1.2	278.5	286.8	3.1	97.3	1.3	88.
3.9	16.0	1016.4	882.0	-4.8	-5.2	275.6	12.5	12.5	-1.2	278.5	286.2	2.9	97.2	1.7	90.
4.3	17.0	1115.1	871.0	-5.3	-5.7	273.3	13.3	13.3	-0.8	279.0	286.6	2.9	97.1	2.1	91.
4.7	18.0	1205.8	861.0	-5.7	-6.1	269.6	13.1	13.1	0.1	279.5	286.9	2.8	97.0	2.4	91.
5.2	19.0	1297.5	851.0	-5.6	-6.0	263.9	12.2	12.2	1.3	280.6	288.2	2.9	97.1	2.8	90.
5.7	20.0	1390.2	841.0	-6.0	-6.7	263.2	12.6	12.5	1.5	281.0	288.3	2.7	94.7	3.1	89.
6.1	21.0	1502.8	829.0	-6.2	-7.0	267.4	13.0	13.0	0.6	282.0	289.3	2.7	93.9	3.4	89.
6.5	22.0	1597.8	819.0	-6.5	-7.3	274.5	12.9	12.8	-1.0	282.7	289.9	2.7	93.7	3.7	89.
6.9	23.0	1693.9	809.0	-6.8	-7.4	275.7	12.4	12.3	-1.2	283.3	290.7	2.7	95.4	4.1	90.
7.2	24.0	1791.0	799.0	-7.2	-7.9	273.7	12.5	12.4	-0.8	283.9	291.0	2.6	95.0	4.3	90.
7.7	25.0	1879.4	790.0	-6.9	-7.6	269.1	13.8	13.8	0.2	285.1	292.6	2.7	94.9	4.6	90.
8.1	26.0	1999.0	778.0	-6.8	-7.5	268.1	15.6	15.6	0.5	286.5	294.2	2.8	94.9	5.0	90.
8.5	27.0	2100.0	768.0	-7.4	-8.1	270.0	16.3	16.3	0.0	287.0	294.4	2.7	94.8	5.4	89.
9.0	28.0	2202.1	758.0	-8.1	-8.8	271.9	17.2	17.2	-0.6	287.2	294.4	2.6	94.5	5.9	90.
9.3	29.0	2294.9	749.0	-8.3	-9.1	272.6	17.5	17.5	-0.8	288.0	295.1	2.6	93.6	6.2	90.
9.7	30.0	2388.7	740.0	-8.8	-9.7	272.8	18.0	18.0	-0.9	288.4	295.3	2.5	93.4	6.7	90.
10.1	31.0	2483.6	731.0	-9.1	-10.0	272.0	18.7	18.7	-0.7	289.1	295.9	2.4	93.3	7.1	90.
10.4	32.0	2590.1	721.0	-9.7	-10.7	271.2	19.4	19.4	-0.4	289.6	296.1	2.3	92.0	7.4	90.
10.9	33.0	2687.1	712.0	-10.3	-11.4	270.9	19.9	19.9	-0.3	290.0	296.3	2.2	91.3	8.0	90.
11.2	34.0	2785.1	703.0	-10.8	-12.0	271.4	19.8	19.8	-0.5	290.4	296.5	2.2	91.3	8.4	90.
11.6	35.0	2884.1	694.0	-11.4	-12.6	272.4	19.4	19.4	-0.8	290.8	296.7	2.1	90.7	8.9	90.
12.1	36.0	3006.6	683.0	-12.0	-13.2	273.4	18.9	18.9	-1.1	291.5	297.3	2.0	90.6	9.4	91.
12.5	37.0	3108.1	674.0	-12.3	-13.3	273.2	18.8	18.8	-1.0	292.3	298.1	2.0	92.0	9.9	91.
13.0	38.0	3199.4	666.0	-12.8	-14.1	271.8	19.2	19.2	-0.6	292.6	298.2	1.9	89.9	10.4	91.
13.3	39.0	3303.1	657.0	-13.4	-14.9	270.9	19.3	19.3	-0.3	293.1	298.4	1.8	88.0	10.8	91.
13.7	40.0	3408.1	648.0	-14.1	-15.7	269.4	19.4	19.4	0.2	293.5	298.5	1.7	87.4	11.3	91.
14.2	41.0	3526.1	638.0	-14.6	-16.3	267.3	19.5	19.5	0.9	294.1	299.0	1.7	87.3	11.8	91.
14.7	42.0	3633.6	629.0	-15.3	-16.9	265.5	20.0	19.9	1.6	294.5	299.3	1.6	87.4	12.4	91.
15.0	43.0	3730.2	621.0	-16.0	-17.8	264.8	20.3	20.2	1.8	294.8	299.3	1.5	86.3	12.8	90.
15.4	44.0	3827.9	613.0	-16.6	-18.4	264.8	20.8	20.7	1.9	295.3	299.6	1.5	85.7	13.3	90.
15.9	45.0	3926.6	605.0	-17.1	-19.1	264.3	21.3	21.2	2.1	295.7	299.9	1.4	84.6	13.9	90.
16.2	46.0	4026.4	597.0	-17.7	-19.8	263.6	21.1	21.0	2.4	296.2	300.2	1.3	83.5	14.3	90.
16.7	47.0	4139.9	588.0	-18.5	-20.6	262.1	20.2	20.0	2.8	296.6	300.3	1.3	83.1	15.0	89.
17.1	48.0	4242.0	580.0	-19.4	-21.8	261.8	19.2	19.0	2.7	296.6	300.1	1.1	81.5	15.4	89.
17.6	49.0	4332.2	573.0	-20.1	-22.7	263.5	18.9	18.8	2.1	296.8	300.1	1.1	79.5	15.9	89.
18.0	50.0	4449.5	564.0	-20.7	-23.0	265.5	19.5	19.4	1.5	297.5	300.6	1.0	77.0	16.4	89.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
1715 GMT

160 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.5	51.0	4568.3	555.0	-21.6	-24.7	266.1	20.2	20.1	1.4	297.8	300.6	0.9	75.7	17.0	89.
19.0	52.0	4675.1	547.0	-22.5	-26.1	265.2	20.1	20.0	1.7	297.9	300.4	0.8	72.5	17.6	99.
19.4	53.0	4783.2	539.0	-23.3	-26.6	264.8	19.5	19.4	1.8	298.2	300.6	0.8	74.0	18.1	89.
19.8	54.0	4878.7	532.0	-24.3	-28.0	265.2	19.0	19.0	1.6	298.2	300.4	0.7	71.0	18.5	88.
20.2	55.0	4989.0	524.0	-25.1	-28.6	265.9	18.8	18.8	1.3	298.5	300.6	0.7	72.4	19.0	88.
20.8	56.0	5114.7	515.0	-26.1	-29.3	265.6	18.4	18.3	1.4	298.7	300.7	0.7	74.8	19.7	88.
21.2	57.0	5213.5	508.0	-26.9	-30.8	263.9	18.0	17.8	1.9	298.9	300.7	0.6	69.8	20.1	88.
21.6	58.0	5327.9	500.0	-27.7	-31.3	261.5	17.8	17.6	2.6	299.2	300.9	0.5	67.6	20.5	88.
22.1	59.0	5429.0	493.0	-28.8	-32.3	259.0	18.3	18.0	3.5	299.1	300.7	0.5	67.8	21.0	88.
22.5	60.0	5531.3	486.0	-29.5	-33.2	257.6	18.8	18.3	4.0	299.5	301.1	0.5	69.9	21.5	88.
22.9	61.0	5649.6	478.0	-30.3	-33.6	256.9	18.1	17.6	4.1	300.0	301.5	0.5	72.3	22.0	87.
23.2	62.0	5754.4	471.0	-31.2	-35.7	256.8	17.3	16.8	4.0	300.1	301.3	0.4	64.1	22.3	87.
23.8	63.0	5860.3	464.0	-32.0	-37.8	257.8	15.8	15.4	3.3	300.4	301.4	0.3	55.8	22.8	87.
24.2	64.0	5967.5	457.0	-33.1	-39.6	259.1	15.6	15.3	3.0	300.3	301.2	0.3	51.5	23.2	87.
24.7	65.0	6075.8	450.0	-34.0	-40.6	260.1	15.9	15.7	2.7	300.5	301.3	0.2	51.0	23.7	87.
25.2	66.0	6201.2	442.0	-35.2	-41.3	259.5	16.0	15.8	2.9	300.5	301.2	0.2	50.3	24.1	87.
25.6	67.0	6312.2	435.0	-36.2	-42.3	258.3	15.5	15.2	3.1	300.6	301.3	0.2	50.1	24.6	87.
26.0	68.0	6408.5	429.0	-37.1	-43.5	257.1	14.4	14.1	3.2	300.6	301.3	0.2	50.8	24.9	86.
26.4	69.0	6522.0	422.0	-38.1	-44.4	255.8	13.2	12.8	3.2	300.8	301.4	0.2	50.7	25.2	86.
26.8	70.0	6636.9	415.0	-39.0	-45.4	254.2	12.0	11.5	3.3	301.0	301.6	0.2	50.6	25.5	86.
27.2	71.0	6753.3	408.0	-40.3	99.9	252.5	10.6	10.1	3.2	300.9	999.9	99.9	999.9	25.8	86.
27.7	72.0	6871.0	401.0	-41.4	99.9	250.0	8.6	8.1	2.9	301.0	999.9	99.9	999.9	26.1	86.
28.1	73.0	6973.2	395.0	-42.0	99.9	248.4	7.2	6.7	2.6	301.5	999.9	99.9	999.9	26.3	86.
28.4	74.0	7076.7	389.0	-43.0	99.9	249.2	6.6	6.2	2.3	301.6	999.9	99.9	999.9	26.3	86.
28.8	75.0	7181.2	383.0	-44.1	99.9	252.8	6.2	5.9	1.8	301.4	999.9	99.9	999.9	26.5	86.
29.2	76.0	7286.9	377.0	-45.0	99.9	255.6	5.9	5.7	1.5	301.6	999.9	99.9	999.9	26.7	85.
29.6	77.0	7393.9	371.0	-46.0	99.9	254.7	5.7	5.5	1.5	301.7	999.9	99.9	999.9	26.8	85.
30.0	78.0	7520.4	364.0	-46.9	99.9	248.9	5.9	5.5	2.1	302.1	999.9	99.9	999.9	26.9	85.
30.4	79.0	7611.9	359.0	-47.9	99.9	244.8	7.4	6.7	3.2	301.9	999.9	99.9	999.9	27.0	85.
30.8	80.0	7723.0	353.0	-48.2	99.9	244.6	9.5	8.6	4.1	303.0	999.9	99.9	999.9	27.2	85.
31.2	81.0	7854.9	346.0	-48.4	99.9	245.9	11.7	10.7	4.8	304.5	999.9	99.9	999.9	27.4	85.
31.7	82.0	7970.0	340.0	-48.7	99.9	247.5	14.6	13.5	5.6	305.6	999.9	99.9	999.9	27.8	85.
32.1	83.0	8086.9	334.0	-49.4	99.9	247.9	17.0	15.8	6.4	306.1	999.9	99.9	999.9	28.2	85.
32.5	84.0	8185.5	329.0	-50.2	99.9	247.5	19.5	18.0	7.5	306.4	999.9	99.9	999.9	28.6	84.
32.9	85.0	8305.6	323.0	-50.7	99.9	246.8	21.4	19.6	8.4	307.4	999.9	99.9	999.9	29.1	84.
33.4	86.0	8427.8	317.0	-50.7	99.9	246.7	23.6	21.6	9.3	309.0	999.9	99.9	999.9	29.7	84.
33.9	87.0	8552.3	311.0	-50.7	99.9	247.4	26.3	24.2	10.1	310.7	999.9	99.9	999.9	30.4	83.
34.3	88.0	8657.9	306.0	-50.7	99.9	247.8	28.8	26.7	10.9	312.2	999.9	99.9	999.9	31.0	83.
34.8	89.0	8787.0	300.0	-50.5	99.9	248.1	32.3	30.0	12.1	314.2	999.9	99.9	999.9	32.0	82.
35.2	90.0	8896.8	295.0	-50.0	99.9	248.2	35.1	32.6	13.0	316.3	999.9	99.9	999.9	32.7	82.
35.7	91.0	9008.4	290.0	-50.5	99.9	248.1	37.7	35.0	14.1	317.2	999.9	99.9	999.9	33.8	82.
36.1	92.0	9121.7	285.0	-50.7	99.9	247.8	38.3	35.5	14.5	318.6	999.9	99.9	999.9	34.8	81.
36.6	93.0	9237.1	280.0	-50.7	99.9	247.3	38.2	35.2	14.8	320.2	999.9	99.9	999.9	35.8	81.
37.0	94.0	9354.6	275.0	-50.4	99.9	247.4	39.2	36.1	15.1	322.3	999.9	99.9	999.9	36.7	80.
37.4	95.0	9474.3	270.0	-50.4	99.9	247.8	41.6	38.5	15.7	324.0	999.9	99.9	999.9	37.6	80.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
1715 GMT

160 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.9	96.0	9621.2	264.0	-49.7	99.9	247.8	44.2	40.9	16.7	327.0	999.9	99.9	999.9	39.0	80.
38.3	97.0	9746.4	259.0	-49.6	99.9	247.2	45.3	41.8	17.6	329.0	999.9	99.9	999.9	40.0	79.
38.8	98.0	9874.0	254.0	-49.6	99.9	246.0	46.5	42.5	19.0	330.9	999.9	99.9	999.9	41.4	79.
39.2	99.0	9977.9	250.0	-49.7	99.9	245.0	47.5	43.1	20.1	332.1	999.9	99.9	999.9	42.4	79.
39.7	100.0	10110.0	245.0	-50.0	99.9	244.5	48.2	43.5	20.8	333.6	999.9	99.9	999.9	43.8	78.
40.3	101.0	10272.2	239.0	-49.7	99.9	244.4	47.6	42.9	20.6	336.4	999.9	99.9	999.9	45.6	78.
40.7	102.0	10382.6	235.0	-49.7	99.9	244.1	47.4	42.6	20.8	338.1	999.9	99.9	999.9	46.6	77.
41.2	103.0	10494.9	231.0	-50.2	99.9	243.6	49.4	44.2	21.9	339.0	999.9	99.9	999.9	48.0	77.
41.7	104.0	10637.6	226.0	-50.7	99.9	244.2	53.3	48.0	23.2	340.4	999.9	99.9	999.9	49.4	77.
42.1	105.0	10753.8	222.0	-51.3	99.9	245.3	56.1	50.9	23.4	341.2	999.9	99.9	999.9	50.7	76.
42.6	106.0	10901.9	217.0	-51.3	99.9	246.9	56.6	52.0	22.2	343.5	999.9	99.9	999.9	52.6	76.
43.1	107.0	11022.8	213.0	-51.3	99.9	247.5	54.9	50.7	21.0	345.3	999.9	99.9	999.9	54.2	76.
43.6	108.0	11145.9	209.0	-51.4	99.9	247.1	52.7	48.6	20.5	346.9	999.9	99.9	999.9	55.8	75.
44.0	109.0	11271.4	205.0	-51.4	99.9	246.5	50.6	46.4	20.1	348.8	999.9	99.9	999.9	57.2	75.
44.4	110.0	11399.3	201.0	-51.6	99.9	246.5	49.7	45.6	19.8	350.6	999.9	99.9	999.9	58.2	75.
45.0	111.0	11562.8	196.0	-51.8	99.9	247.0	52.3	48.1	20.4	352.9	999.9	99.9	999.9	59.7	75.
45.4	112.0	11696.3	192.0	-52.2	99.9	247.3	55.0	50.8	21.3	354.2	999.9	99.9	999.9	61.3	75.
45.8	113.0	11832.6	188.0	-52.1	99.9	247.5	55.7*	51.5	21.3	356.6	999.9	99.9	999.9	62.6	74.
46.2	114.0	11971.8	184.0	-52.4	99.9	248.1	54.1*	50.2	20.2	358.3	999.9	99.9	999.9	63.9	74.
46.8	115.0	12114.1	180.0	-51.8	99.9	249.5	49.0*	45.9	17.1	361.5	999.9	99.9	999.9	65.9	74.
47.4	116.0	12259.7	176.0	-52.1	99.9	250.4	45.3*	42.7	15.2	363.4	999.9	99.9	999.9	67.4	74.
48.0	117.0	12408.6	172.0	-52.1	99.9	249.3	43.6*	40.8	15.4	365.8	999.9	99.9	999.9	69.0	74.
48.4	118.0	12522.6	169.0	-51.6	99.9	247.7	42.9*	39.7	16.3	368.4	999.9	99.9	999.9	70.2	74.
48.9	119.0	12678.1	165.0	-51.4	99.9	245.0	44.5*	40.4	18.8	371.2	999.9	99.9	999.9	71.2	74.
49.4	120.0	12837.5	161.0	-51.4	99.9	241.5	47.2*	41.4	22.5	373.8	999.9	99.9	999.9	72.6	74.
49.8	121.0	12959.4	158.0	-52.6	99.9	238.0	45.8*	38.8	24.3	373.9	999.9	99.9	999.9	74.0	73.
50.2	122.0	13124.7	154.0	-53.4	99.9	234.5	41.7*	34.0	24.3	375.3	999.9	99.9	999.9	75.0	73.
50.7	123.0	13294.2	150.0	-53.4	99.9	232.2	36.5*	28.9	22.4	378.2	999.9	99.9	999.9	76.0	73.
51.2	124.0	13424.1	147.0	-53.8	99.9	235.3	37.3*	30.7	21.3	379.5	999.9	99.9	999.9	76.8	73.
51.7	125.0	13556.3	144.0	-54.5	99.9	239.6	44.4*	38.3	22.5	380.6	999.9	99.9	999.9	77.8	72.
52.3	126.0	13737.0	140.0	-53.8	99.9	242.0	52.8*	46.6	24.8	384.8	999.9	99.9	999.9	79.8	72.
52.9	127.0	13923.0	136.0	-54.5	99.9	242.7	55.8*	49.6	25.6	386.9	999.9	99.9	999.9	81.8	72.
53.4	128.0	14065.9	133.0	-54.3	99.9	243.0	56.0*	49.9	25.4	389.6	999.9	99.9	999.9	83.4	72.
54.0	129.0	14212.3	130.0	-53.8	99.9	241.9	54.4*	48.0	25.6	393.1	999.9	99.9	999.9	85.4	71.
54.4	130.0	14362.0	127.0	-54.5	99.9	240.2	51.6*	44.8	25.6	394.5	999.9	99.9	999.9	86.9	71.
55.1	131.0	14566.8	123.0	-54.8	99.9	239.0	46.2*	39.6	23.8	397.6	999.9	99.9	999.9	88.5	71.
55.6	132.0	14724.8	120.0	-54.7	99.9	239.8	41.6*	36.0	20.9	400.7	999.9	99.9	999.9	90.2	71.
56.1	133.0	14886.8	117.0	-54.7	99.9	242.1	37.8*	33.4	17.7	403.6	999.9	99.9	999.9	91.2	71.
56.6	134.0	15053.0	114.0	-54.8	99.9	246.3	39.3*	36.0	15.8	406.3	999.9	99.9	999.9	92.1	71.
57.1	135.0	15223.5	111.0	-55.0	99.9	249.8	46.3*	43.5	16.0	409.1	999.9	99.9	999.9	93.3	71.
57.9	136.0	15398.6	108.0	-55.0	99.9	251.5	55.6*	52.7	17.7	412.3	999.9	99.9	999.9	96.0	71.
58.7	137.0	15578.3	105.0	-55.7	99.9	250.2	47.8*	45.0	16.2	414.4	999.9	99.9	999.9	98.8	71.
59.5	138.0	15825.2	101.0	-56.5	99.9	248.9	24.5*	22.8	8.8	417.4	999.9	99.9	999.9	100.9	71.
60.2	139.0	16016.3	98.0	-57.2	99.9	249.3	26.2*	24.5	9.2	419.6	999.9	99.9	999.9	100.9	71.
61.0	140.0	16212.8	95.0	-57.5	99.9	247.0	33.4*	30.8	13.1	422.7	999.9	99.9	999.9	103.3	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
1715 GMT

160 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTQ GM/KG	RH PCT	RANGE KM	AZ DG
61.7	141.0	16415.3	92.0	-57.9	99.9	243.1	26.4*	23.6	12.0	425.9	999.9	99.9	999.9	104.1	70.
62.4	142.0	16695.5	88.0	-57.9	99.9	242.6	35.5*	31.5	16.4	431.4	999.9	99.9	999.9	105.0	70.
63.0	143.0	16914.0	85.0	-58.4	99.9	244.6	48.9*	44.2	21.0	434.6	999.9	99.9	999.9	106.3	70.
63.6	144.0	17139.2	82.0	-59.9	99.9	246.9	46.0*	42.3	18.1	436.2	999.9	99.9	999.9	108.9	70.
64.2	145.0	17371.6	79.0	-60.8	99.9	248.7	29.9*	27.8	10.8	438.9	999.9	99.9	999.9	110.2	70.
64.9	146.0	17611.9	76.0	-61.7	99.9	250.1	17.1*	16.1	5.8	441.9	999.9	99.9	999.9	110.7	70.
65.7	147.0	17777.1	74.0	-61.5	99.9	250.2	27.6*	26.0	9.3	445.7	999.9	99.9	999.9	111.6	70.
66.7	148.0	18122.4	70.0	-60.6	99.9	250.1	42.4*	39.8	14.4	454.8	999.9	99.9	999.9	114.0	70.
67.4	149.0	18303.3	68.0	-59.7	99.9	248.8	36.7*	34.2	13.3	460.6	999.9	99.9	999.9	115.9	70.
68.4	150.0	18584.7	65.0	-60.8	99.9	246.0	42.7*	39.0	17.4	464.1	999.9	99.9	999.9	117.6	70.
69.3	151.0	18878.5	62.0	-61.0	99.9	247.3	41.2*	38.0	15.9	470.0	999.9	99.9	999.9	120.6	70.
70.3	152.0	19186.4	59.0	-61.5	99.9	254.6	32.6*	31.5	8.7	475.5	999.9	99.9	999.9	122.5	70.
71.3	153.0	19509.6	56.0	-61.9	99.9	259.3	34.3*	33.7	6.4	481.8	999.9	99.9	999.9	124.4	70.
72.2	154.0	19849.7	53.0	-62.7	99.9	259.4	31.2*	30.7	5.8	487.7	999.9	99.9	999.9	126.3	70.
73.2	155.0	20086.5	51.0	-63.2	99.9	251.0	29.7*	28.0	9.7	491.7	999.9	99.9	999.9	127.9	70.
74.3	156.0	20459.1	48.0	-63.4	99.9	246.3	34.0*	31.1	13.7	499.8	999.9	99.9	999.9	130.1	70.
75.4	157.0	20855.8	45.0	-63.2	99.9	249.9	30.8*	29.0	10.6	509.6	999.9	99.9	999.9	132.4	70.
76.5	158.0	21135.6	43.0	-62.8	99.9	254.9	31.3*	30.2	3.2	517.2	999.9	99.9	999.9	134.1	70.
77.7	159.0	21580.3	40.0	-63.6	99.9	248.5	32.3*	30.0	11.8	526.1	999.9	99.9	999.9	136.8	70.
79.0	160.0	22056.7	37.0	-65.4	99.9	238.6	20.0*	17.1	10.4	533.3	999.9	99.9	999.9	138.1	70.
80.5	161.0	22569.6	34.0	-66.7	99.9	243.5	26.7*	23.9	11.9	543.1	999.9	99.9	999.9	141.1	70.
82.3	162.0	22937.0	32.0	-65.9	99.9	246.5	29.4*	27.0	11.7	554.8	999.9	99.9	999.9	143.4	70.
83.8	163.0	23533.2	29.0	-66.9	99.9	250.0	42.0*	39.5	14.4	567.8	999.9	99.9	999.9	146.8	70.
85.2	164.0	24193.3	26.0	-66.7	99.9	250.0	40.7	38.3	13.9	586.4	999.9	99.9	999.9	150.5	70.
87.2	165.0	24942.0	23.0	-62.7	99.9	999.9	99.9	99.9	99.9	619.2	999.9	99.9	999.9	999.9	999.

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
2015 GMT

158 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	86.0	992.4	0.9	-2.0	290.0	5.1	4.8	-1.7	275.1	283.6	3.3	81.0	0.0	0.
0.4	7.0	170.6	982.0	0.3	-4.0	304.4	6.5	5.4	-3.7	275.2	282.2	2.7	67.9	0.2	123.
0.8	8.0	269.0	970.0	-1.2	-5.1	301.6	6.2	5.2	-3.2	274.7	281.7	2.7	74.4	0.3	124.
1.2	9.0	360.0	959.0	-1.5	-5.2	294.6	6.3	5.7	-2.6	275.3	282.3	2.7	75.5	0.5	122.
1.6	10.0	451.7	948.0	-2.7	-5.4	286.8	7.4	7.1	-3.1	274.9	282.0	2.7	81.8	0.6	120.
2.0	11.0	561.1	935.0	-3.5	-5.0	282.5	9.3	9.0	-2.0	275.2	282.6	2.8	89.0	0.8	116.
2.4	12.0	654.6	924.0	-4.4	-5.2	278.9	12.1	12.0	-1.9	275.2	282.5	2.8	94.2	1.0	112.
2.8	13.0	748.9	913.0	-4.9	-6.3	275.3	14.2	14.1	-1.3	275.7	282.5	2.6	89.7	1.4	109.
3.3	14.0	852.9	901.0	-5.6	-7.1	272.4	15.5	15.5	-0.6	275.9	282.5	2.5	89.6	1.8	105.
3.7	15.0	949.2	890.0	-6.2	-7.0	274.0	16.4	16.3	-1.1	276.3	282.8	2.5	91.4	2.2	102.
4.2	16.0	1064.3	877.0	-7.0	-7.7	278.7	18.3	18.1	-2.8	276.7	283.1	2.4	94.6	2.7	101.
4.6	17.0	1153.9	867.0	-6.4	-7.7	280.4	20.1	19.7	-3.6	278.2	284.7	2.5	89.9	3.1	101.
4.9	18.0	1263.0	855.0	-6.4	-8.0	280.3	19.8	19.4	-3.5	279.3	285.8	2.4	87.8	3.6	101.
5.2	19.0	1364.3	844.0	-6.4	-8.5	279.8	19.2	18.9	-3.3	280.3	286.7	2.4	84.4	3.9	101.
5.5	20.0	1457.5	834.0	-6.8	-9.0	278.8	18.6	18.3	-2.9	280.8	287.1	2.3	84.4	4.2	101.
5.8	21.0	1580.1	821.0	-7.6	-9.7	279.3	18.5	18.2	-3.0	281.3	287.3	2.2	84.8	4.6	101.
6.1	22.0	1675.6	811.0	-7.4	-9.2	280.3	18.2	17.9	-2.2	282.4	288.8	2.3	86.6	4.9	101.
6.3	23.0	1772.3	801.0	-7.6	-9.2	281.5	17.8	17.4	-2.5	283.3	289.8	2.4	87.7	5.1	101.
6.6	24.0	1870.1	791.0	-7.7	-9.3	282.7	17.6	17.1	-3.9	284.2	290.7	2.4	88.1	5.4	101.
6.8	25.0	1969.1	781.0	-8.0	-10.0	282.6	18.0	17.5	-3.9	284.9	291.1	2.3	85.2	5.6	101.
7.2	26.0	2089.5	769.0	-8.0	-10.4	284.4	18.1	17.5	-4.5	286.1	292.3	2.2	82.5	6.1	101.
7.5	27.0	2181.0	760.0	-8.6	-10.7	287.2	17.8	17.0	-5.3	286.4	292.6	2.2	84.7	6.4	101.
7.9	28.0	2283.8	750.0	-8.4	-10.3	288.6	17.3	16.4	-5.5	287.7	293.9	2.2	83.1	6.9	102.
8.3	29.0	2387.9	740.0	-9.2	-11.0	288.7	17.2	16.3	-5.5	288.0	294.2	2.2	86.6	7.2	102.
8.7	30.0	2493.2	730.0	-9.2	-11.1	288.1	17.5	16.6	-5.4	289.1	295.4	2.3	86.0	7.6	103.
9.2	31.0	2589.3	721.0	-9.4	-11.6	287.5	17.9	17.1	-5.4	289.8	296.1	2.2	85.5	8.2	103.
9.7	32.0	2697.1	711.0	-10.2	-12.5	287.5	18.0	17.1	-5.4	290.2	296.0	2.1	82.8	8.7	103.
10.2	33.0	2795.3	702.0	-10.5	-13.3	287.6	17.8	16.9	-5.4	290.9	296.5	1.9	79.4	9.2	103.
10.8	34.0	2894.6	693.0	-11.0	-14.8	287.5	17.6	16.8	-5.3	291.3	296.3	1.8	73.8	9.9	104.
11.2	35.0	2995.0	684.0	-11.6	-15.0	287.1	17.8	17.0	-5.2	291.8	296.5	1.7	72.2	10.3	104.
11.6	36.0	3130.5	672.0	-12.3	-16.4	286.2	18.0	17.3	-5.0	292.4	297.0	1.6	71.4	10.7	104.
12.0	37.0	3233.5	663.0	-13.0	-17.3	284.8	18.1	17.5	-4.6	292.7	297.1	1.5	69.8	11.2	104.
12.4	38.0	3349.2	653.0	-13.7	-17.5	283.5	17.8	17.3	-4.2	293.2	297.6	1.5	73.0	11.6	104.
12.8	39.0	3431.1	646.0	-14.7	-17.9	282.3	17.3	16.9	-3.7	293.0	297.3	1.4	76.5	12.0	104.
13.2	40.0	3549.0	636.0	-15.8	-18.5	281.1	17.0	16.7	-3.3	293.1	297.2	1.4	79.8	12.4	104.
13.6	41.0	3668.5	626.0	-16.1	-18.1	279.7	17.1	16.9	-2.9	294.1	298.4	1.5	84.5	12.8	104.
14.1	42.0	3777.5	617.0	-16.9	-18.7	277.7	18.1	17.9	-2.4	294.4	298.5	1.4	85.7	13.3	104.
14.4	43.0	3887.7	608.0	-17.7	-19.4	276.5	19.0	18.8	-2.2	294.6	298.6	1.3	86.5	13.7	103.
14.8	44.0	3986.7	600.0	-18.5	-20.0	275.1	19.9	19.8	-1.8	294.8	298.6	1.3	85.9	14.1	103.
15.2	45.0	4099.4	591.0	-19.1	-20.9	273.7	20.3	20.3	-1.3	295.4	299.1	1.2	85.0	14.6	103.
15.6	46.0	4200.8	583.0	-19.6	-21.6	272.4	20.3	20.2	-0.8	296.0	299.5	1.2	84.3	15.2	103.
16.2	47.0	4303.3	575.0	-20.4	-23.4	271.6	19.8	19.8	-0.6	296.2	299.2	1.0	77.2	15.8	102.
16.6	48.0	4420.0	566.0	-21.2	-24.9	271.6	19.8	19.8	-0.5	296.5	299.3	0.9	72.2	16.3	102.
17.1	49.0	4524.9	558.0	-22.2	-26.3	270.8	20.4	20.4	-0.3	296.6	299.1	0.8	68.5	16.8	102.
17.6	50.0	4630.9	550.0	-23.0	-27.1	268.9	20.9	20.9	0.4	296.9	299.2	0.7	68.5	17.4	101.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
2015 GMT

158 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP CG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.3	51.0	4765.1	540.0	-24.3	-28.7	266.3	19.8	19.8	1.3	296.9	298.9	0.7	68.2	18.4	100.
18.8	52.0	4860.0	533.0	-25.4	-29.1	266.7	19.4	19.4	1.1	296.7	298.6	0.6	69.0	18.8	100.
19.3	53.0	4969.7	525.0	-25.9	-29.5	267.8	19.7	19.7	0.8	297.3	299.2	0.6	69.1	19.5	100.
19.8	54.0	5080.7	517.0	-26.9	-30.9	268.0	20.2	20.2	0.7	297.4	299.1	0.6	68.8	20.0	99.
20.2	55.0	5178.9	510.0	-27.9	-31.8	267.7	20.9	20.8	0.8	297.4	299.0	0.5	68.8	20.5	99.
20.8	56.0	5306.7	501.0	-28.4	-32.3	267.2	21.3	21.3	1.0	298.3	299.8	0.5	68.7	21.3	99.
21.2	57.0	5421.9	493.0	-29.5	-33.5	266.7	20.6	20.6	1.2	298.3	299.8	0.5	67.8	21.8	98.
21.6	58.0	5523.8	486.0	-30.4	-35.0	266.0	19.8	19.7	1.4	298.4	299.7	0.4	63.8	22.3	98.
22.1	59.0	5626.8	479.0	-31.3	-35.9	265.1	19.5	19.4	1.7	298.5	299.7	0.4	64.1	22.8	98.
22.5	60.0	5745.8	471.0	-32.4	-36.9	264.2	19.8	19.7	2.0	298.6	299.7	0.3	63.8	23.4	98.
23.0	61.0	5851.2	464.0	-33.4	-38.1	263.1	19.9	19.8	2.4	298.6	299.6	0.3	62.7	23.8	97.
23.4	62.0	5957.8	457.0	-34.4	-39.4	262.7	20.0	19.9	2.6	298.7	299.6	0.3	60.1	24.4	97.
23.9	63.0	6065.6	450.0	-35.2	-40.3	262.4	20.0	19.9	2.6	299.0	299.8	0.2	59.1	24.9	96.
24.3	64.0	6174.6	443.0	-36.3	-42.0	262.3	19.8	19.6	2.6	299.0	299.7	0.2	55.0	25.4	96.
24.8	65.0	6269.0	437.0	-37.3	-43.3	262.0	19.2	19.1	2.7	298.8	299.4	0.2	53.0	26.0	96.
25.3	66.0	6412.5	428.0	-38.1	-44.5	261.3	18.8	18.5	2.8	299.5	300.1	0.2	50.7	26.5	96.
25.7	67.0	6525.8	421.0	-39.1	-45.4	260.8	18.5	18.3	3.0	299.7	300.2	0.2	50.7	26.9	95.
26.2	68.0	6640.5	414.0	-40.2	-46.2	260.6	18.6	18.3	3.0	299.8	300.9	99.9	999.9	27.5	95.
26.6	69.0	6739.9	408.0	-41.2	-47.1	261.0	18.7	18.5	2.9	299.8	300.9	99.9	999.9	27.9	95.
27.0	70.0	6857.3	401.0	-41.9	-47.9	261.9	18.9	18.7	2.7	300.4	300.9	99.9	999.9	28.3	95.
27.5	71.0	6993.5	393.0	-43.3	-49.3	262.6	18.8	18.6	2.4	300.3	300.9	99.9	999.9	28.9	94.
27.9	72.0	7096.8	387.0	-44.4	-50.4	263.0	18.2	18.0	2.2	300.1	300.9	99.9	999.9	29.3	94.
28.3	73.0	7201.3	381.0	-45.3	-51.3	263.7	17.0	16.9	1.9	300.3	300.9	99.9	999.9	29.8	94.
28.7	74.0	7307.1	375.0	-46.0	-52.0	264.6	15.8	15.7	1.5	300.8	300.9	99.9	999.9	30.2	94.
29.2	75.0	7414.1	369.0	-47.3	-53.3	265.1	15.0	14.9	1.3	300.4	300.9	99.9	999.9	30.6	94.
29.6	76.0	7522.3	363.0	-48.5	-54.5	263.6	15.6	15.5	1.7	300.2	300.9	99.9	999.9	30.9	94.
30.0	77.0	7631.9	357.0	-48.6	-54.6	260.0	17.2	17.0	3.0	301.5	300.9	99.9	999.9	31.3	94.
30.3	78.0	7762.1	350.0	-49.1	-55.1	256.4	19.1	18.6	4.5	302.6	300.9	99.9	999.9	31.6	94.
30.7	79.0	7875.6	344.0	-48.9	-54.9	252.9	22.0	21.0	6.5	304.3	300.9	99.9	999.9	32.0	93.
31.1	80.0	7971.8	339.0	-48.6	-54.6	251.0	25.2	23.8	8.2	306.0	300.9	99.9	999.9	32.5	93.
31.6	81.0	8128.8	331.0	-48.9	-54.9	250.3	29.2	27.5	9.9	307.6	300.9	99.9	999.9	33.4	92.
32.1	82.0	8228.6	326.0	-49.5	-55.5	249.6	32.5	30.4	11.3	308.2	300.9	99.9	999.9	34.1	92.
32.5	83.0	8350.1	320.0	-50.3	-56.3	248.5	34.1	31.7	12.5	308.8	300.9	99.9	999.9	35.1	91.
32.9	84.0	8473.7	314.0	-50.1	-56.1	247.4	34.9	32.2	13.4	310.6	300.9	99.9	999.9	35.8	91.
33.3	85.0	8578.5	309.0	-50.4	-56.4	247.2	36.3	33.4	14.1	311.6	300.9	99.9	999.9	36.5	90.
33.8	86.0	8727.9	302.0	-50.7	-56.7	247.8	38.7	35.9	14.7	313.3	300.9	99.9	999.9	37.5	89.
34.3	87.0	8836.5	297.0	-51.2	-57.2	248.6	40.8	38.0	14.9	314.1	300.9	99.9	999.9	38.7	89.
34.7	88.0	8947.0	292.0	-50.7	-56.7	249.2	41.2	38.5	14.6	316.3	300.9	99.9	999.9	39.6	88.
35.2	89.0	9082.3	286.0	-50.9	-56.9	250.1	40.2	37.8	13.7	319.0	300.9	99.9	999.9	40.8	88.
35.7	90.0	9197.1	281.0	-50.7	-56.7	250.4	39.2	37.0	13.1	319.8	300.9	99.9	999.9	41.9	87.
36.2	91.0	9313.9	276.0	-51.3	-57.3	249.9	39.6	37.2	13.6	320.5	300.9	99.9	999.9	43.0	87.
36.6	92.0	9432.7	271.0	-51.3	-57.3	249.4	40.7	38.1	14.3	322.2	300.9	99.9	999.9	44.0	86.
37.1	93.0	9553.7	266.0	-51.2	-57.2	249.7	42.1	39.5	14.6	324.2	300.9	99.9	999.9	45.1	86.
37.5	94.0	9677.1	261.0	-51.2	-57.2	250.8	43.0	40.6	14.2	325.9	300.9	99.9	999.9	46.2	86.
38.0	95.0	9802.6	256.0	-52.0	-58.0	252.3	43.7	41.7	13.3	326.6	300.9	99.9	999.9	47.2	85.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
2015 GMT

158 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
38.5	96.0	9956.3	250.0	-52.0	99.9	252.9	43.7	41.7	12.8	328.8	999.9	99.9	999.9	48.8	85.
38.9	97.0	10060.8	246.0	-51.7	99.9	252.5	43.9	41.9	13.2	330.8	999.9	99.9	999.9	49.7	85.
39.3	98.0	10194.0	241.0	-51.8	99.9	251.9	44.9	42.7	14.0	332.5	999.9	99.9	999.9	50.6	84.
39.8	99.0	10329.8	236.0	-52.1	99.9	251.2	46.6	44.1	15.0	334.0	999.9	99.9	999.9	52.1	84.
40.2	100.0	10440.5	232.0	-52.1	99.9	250.7	48.1	45.4	15.9	335.7	999.9	99.9	999.9	53.2	84.
40.9	101.0	10610.0	226.0	-52.4	99.9	249.9	52.8	49.6	16.1	337.7	999.9	99.9	999.9	55.2	83.
41.3	102.0	10725.2	222.0	-53.4	99.9	249.4	55.8	52.2	19.6	338.0	999.9	99.9	999.9	56.3	83.
41.7	103.0	10871.8	217.0	-53.5	99.9	249.0	56.4*	52.7	20.2	340.0	999.9	99.9	999.9	57.8	83.
42.2	104.0	10991.5	213.0	-53.4	99.9	249.4	53.1*	49.7	18.7	342.0	999.9	99.9	999.9	59.6	82.
42.5	105.0	11113.6	209.0	-53.4	99.9	250.0	49.8*	46.8	17.0	343.9	999.9	99.9	999.9	60.2	82.
43.0	106.0	11238.0	205.0	-53.4	99.9	250.5	44.8*	42.2	15.0	345.8	999.9	99.9	999.9	62.0	82.
43.4	107.0	11364.7	201.0	-53.7	99.9	249.1	42.0*	39.3	15.0	347.2	999.9	99.9	999.9	62.7	82.
43.8	108.0	11493.9	197.0	-53.7	99.9	247.9	41.0*	38.0	15.4	349.2	999.9	99.9	999.9	63.8	81.
44.3	109.0	11625.5	193.0	-54.5	99.9	248.4	43.8*	40.7	16.1	350.0	999.9	99.9	999.9	64.8	81.
44.7	110.0	11759.6	189.0	-54.7	99.9	249.9	48.8*	45.9	16.8	351.8	999.9	99.9	999.9	65.7	81.
45.3	111.0	11931.1	184.0	-54.8	99.9	250.9	55.3*	52.3	18.1	354.3	999.9	99.9	999.9	67.9	81.
45.8	112.0	12071.7	180.0	-54.7	99.9	250.1	54.9*	51.6	18.7	356.8	999.9	99.9	999.9	69.7	80.
46.3	113.0	12215.4	176.0	-55.0	99.9	248.9	52.2*	48.7	18.8	358.6	999.9	99.9	999.9	71.1	80.
46.8	114.0	12325.3	173.0	-55.0	99.9	248.4	50.4*	46.9	18.6	360.3	999.9	99.9	999.9	72.6	80.
47.3	115.0	12474.8	169.0	-55.0	99.9	248.7	50.4*	46.9	18.3	362.7	999.9	99.9	999.9	74.2	80.
47.9	116.0	12667.2	164.0	-53.7	99.9	249.5	52.4*	49.0	18.4	368.0	999.9	99.9	999.9	75.6	79.
48.3	117.0	12785.9	161.0	-53.7	99.9	249.4	52.4*	49.1	18.5	370.0	999.9	99.9	999.9	77.3	79.
48.8	118.0	12947.6	157.0	-53.7	99.9	248.4	49.2*	45.8	18.1	372.7	999.9	99.9	999.9	78.8	79.
49.3	119.0	13072.1	154.0	-52.1	99.9	246.4	43.8*	40.2	17.5	377.4	999.9	99.9	999.9	80.1	79.
49.8	120.0	13242.6	150.0	-51.8	99.9	243.7	40.8*	36.6	16.1	380.8	999.9	99.9	999.9	81.4	79.
50.3	121.0	13373.5	147.0	-52.1	99.9	241.6	43.8*	38.5	20.8	382.5	999.9	99.9	999.9	82.2	78.
50.9	122.0	13551.6	143.0	-53.2	99.9	241.2	51.0*	44.7	24.6	383.6	999.9	99.9	999.9	84.0	78.
51.4	123.0	13688.4	140.0	-52.6	99.9	242.3	53.8*	47.7	25.0	387.0	999.9	99.9	999.9	85.8	78.
51.8	124.0	13828.1	137.0	-53.2	99.9	243.8	55.6*	49.9	24.5	388.3	999.9	99.9	999.9	86.8	78.
52.2	125.0	13970.7	134.0	-53.5	99.9	245.2	57.2*	52.0	24.0	390.2	999.9	99.9	999.9	88.0	77.
52.8	126.0	14165.5	130.0	-53.7	99.9	246.4	55.9*	51.2	22.4	393.3	999.9	99.9	999.9	90.4	77.
53.3	127.0	14366.5	126.0	-53.5	99.9	246.5	50.6*	46.4	20.2	397.1	999.9	99.9	999.9	92.0	77.
53.7	128.0	14521.4	123.0	-53.7	99.9	246.2	46.9*	42.9	18.9	399.6	999.9	99.9	999.9	92.9	77.
54.2	129.0	14679.9	120.0	-54.5	99.9	245.6	43.4*	39.5	17.9	401.0	999.9	99.9	999.9	94.3	77.
54.8	130.0	14841.8	117.0	-55.0	99.9	245.8	38.7*	35.3	15.8	403.0	999.9	99.9	999.9	95.9	76.
55.6	131.0	15007.9	114.0	-54.7	99.9	247.4	39.7*	36.6	15.3	406.6	999.9	99.9	999.9	97.2	76.
56.2	132.0	15178.3	111.0	-55.3	99.9	245.8	39.5*	36.1	16.2	408.5	999.9	99.9	999.9	99.2	76.
56.7	133.0	15353.2	108.0	-55.2	99.9	243.1	36.6*	32.6	16.6	412.0	999.9	99.9	999.9	100.1	76.
57.4	134.0	15533.5	105.0	-54.2	99.9	242.3	40.8*	36.2	15.0	417.2	999.9	99.9	999.9	101.4	76.
57.9	135.0	15719.1	102.0	-54.8	99.9	244.1	49.0*	44.1	21.4	419.4	999.9	99.9	999.9	102.5	76.
58.5	136.0	15975.0	98.0	-54.8	99.9	246.2	49.4*	45.2	19.9	424.2	999.9	99.9	999.9	105.3	75.
59.2	137.0	16173.5	95.0	-55.5	99.9	248.6	37.9*	35.3	13.9	426.7	999.9	99.9	999.9	106.5	75.
59.8	138.0	16377.3	92.0	-57.2	99.9	249.7	34.2*	32.1	11.8	427.4	999.9	99.9	999.9	107.7	75.
60.5	139.0	16586.3	89.0	-58.7	99.9	249.8	34.1*	32.0	11.8	428.3	999.9	99.9	999.9	109.1	75.
61.2	140.0	16874.3	85.0	-60.0	99.9	246.4	24.6*	22.6	9.8	431.5	999.9	99.9	999.9	110.7	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
2015 GMT

158 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.1	141.0	17097.8	82.0	-61.6	99.9	240.6	24.4*	21.2	12.0	432.6	999.9	99.9	999.9	111.0	75.
63.0	142.0	17329.7	79.0	-60.0	99.9	242.5	41.8*	37.1	19.3	440.6	999.9	99.9	999.9	113.7	75.
63.8	143.0	17571.1	76.0	-60.5	99.9	240.4	40.5*	35.2	20.0	444.4	999.9	99.9	999.9	115.2	75.
64.6	144.0	17822.2	73.0	-60.1	99.9	242.7	46.3*	41.1	21.2	450.3	999.9	99.9	999.9	117.0	74.
65.5	145.0	18083.5	70.0	-61.0	99.9	240.6	40.0*	34.8	19.7	453.8	999.9	99.9	999.9	119.7	74.
66.3	146.0	18354.8	67.0	-62.3	99.9	240.8	38.1*	33.3	18.6	456.7	999.9	99.9	999.9	121.3	74.
67.3	147.0	18638.0	64.0	-62.0	99.9	246.2	49.2*	45.0	19.9	463.6	999.9	99.9	999.9	124.0	74.
68.4	148.0	18935.2	61.0	-61.6	99.9	251.5	50.7*	48.1	16.1	470.8	999.9	99.9	999.9	127.5	73.
69.7	149.0	19247.9	58.0	-61.4	99.9	253.4	39.7*	38.0	14.4	478.1	999.9	99.9	999.9	131.3	73.
71.0	150.0	19578.0	55.0	-60.5	99.9	248.4	30.5*	28.4	11.2	487.5	999.9	99.9	999.9	133.4	73.
72.1	151.0	19927.5	52.0	-60.3	99.9	247.8	36.7*	34.0	13.9	495.8	999.9	99.9	999.9	135.6	73.
73.1	152.0	20297.9	49.0	-60.5	99.9	249.9	41.9*	39.3	14.4	503.9	999.9	99.9	999.9	138.0	73.
74.0	153.0	20688.8	46.0	-63.3	99.9	251.1	34.1*	32.2	11.0	506.3	999.9	99.9	999.9	140.4	73.
75.0	154.0	21101.9	43.0	-64.8	99.9	271.1	7.7*	7.7	-0.1	512.3	999.9	99.9	999.9	141.4	73.
76.2	155.0	21541.5	40.0	-66.5	99.9	253.6	24.7*	23.7	7.0	519.0	999.9	99.9	999.9	142.5	73.
78.2	156.0	22016.7	37.0	-63.7	99.9	251.7	24.2*	23.0	7.6	537.9	999.9	99.9	999.9	145.5	73.
80.3	157.0	22534.8	34.0	-64.2	99.9	242.2	17.8*	15.8	8.3	549.5	999.9	99.9	999.9	147.1	73.
82.0	158.0	23098.2	31.0	-65.6	99.9	253.1	35.1*	33.6	10.2	560.4	999.9	99.9	999.9	150.5	73.
83.7	159.0	23720.1	28.0	-63.5	99.9	250.3	41.7*	39.3	14.0	583.0	999.9	99.9	999.9	154.3	73.
85.2	160.0	24416.7	25.0	-63.1	99.9	252.8	44.9*	42.9	13.3	603.3	999.9	99.9	999.9	158.4	73.
87.0	161.0	25203.0	22.0	-63.3	99.9	254.8	58.5*	56.4	15.3	625.2	999.9	99.9	999.9	163.1	73.
89.3	162.0	26106.2	19.0	-62.3	99.9	254.7	29.3*	28.3	7.7	654.9	999.9	99.9	999.9	168.5	73.
92.9	163.0	27173.0	16.0	-60.1	99.9	999.9	99.9	99.9	99.9	695.1	999.9	99.9	999.9	999.9	999.

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
2315 GMT

158 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW P. DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	86.0	994.4	-1.8	-5.6	310.0	4.6	3.5	-3.0	272.1	278.6	2.5	75.0	0.0	0.
0.4	7.0	161.6	985.0	-1.7	-6.8	297.5	6.3	5.6	-2.9	272.9	279.0	2.3	68.0	0.2	124.
0.7	8.0	242.8	975.0	-2.3	-6.8	296.9	7.6	6.8	-3.4	273.1	279.2	2.4	71.2	0.2	122.
1.0	9.0	324.5	965.0	-3.1	-6.0	296.4	9.5	8.5	-4.2	273.1	279.4	2.4	76.7	0.3	120.
1.2	10.0	415.2	954.0	-4.0	-7.0	294.5	11.1	10.1	-4.6	273.1	279.2	2.4	79.7	0.5	119.
1.6	11.0	523.3	941.0	-4.9	-7.0	291.7	13.9	12.9	-5.1	273.2	279.5	2.4	85.4	0.8	117.
1.9	12.0	615.7	930.0	-5.5	-8.2	289.1	14.7	13.9	-4.8	273.5	279.3	2.2	81.5	1.1	115.
2.2	13.0	700.5	920.0	-6.0	-8.2	287.4	15.4	14.7	-4.6	273.9	279.7	2.2	84.1	1.3	114.
2.5	14.0	786.2	910.0	-6.0	-8.4	286.1	16.0	15.4	-4.4	274.7	280.6	2.2	82.7	1.6	113.
2.8	15.0	872.6	900.0	-6.7	-8.8	286.4	15.3	14.7	-4.3	274.8	280.6	2.2	85.4	1.9	111.
3.1	16.0	986.1	887.0	-7.6	-8.0	286.8	14.7	14.0	-4.2	275.1	281.0	2.2	92.5	2.2	111.
3.4	17.0	1074.3	877.0	-8.3	-8.0	287.3	14.3	13.7	-4.3	275.2	281.1	2.2	95.7	2.4	111.
3.7	18.0	1163.3	867.0	-8.9	-9.0	287.8	14.8	14.1	-4.5	275.5	281.3	2.2	98.3	2.7	110.
3.9	19.0	1253.2	857.0	-8.9	-8.0	288.1	15.4	14.6	-4.8	276.4	282.4	2.3	100.6	2.9	110.
4.2	20.0	1335.0	848.0	-8.9	-8.9	290.4	15.2	14.3	-5.3	277.3	283.3	2.3	100.6	3.2	110.
4.5	21.0	1445.6	836.0	-8.2	-8.2	293.8	14.7	13.4	-5.9	279.2	285.7	2.5	101.0	3.4	110.
4.9	22.0	1539.3	826.0	-7.5	-7.5	301.1	13.6	11.7	-7.1	280.9	288.0	2.6	100.8	3.8	111.
5.2	23.0	1634.2	816.0	-7.3	-7.8	306.9	12.6	10.0	-7.5	282.1	289.1	2.6	96.2	4.0	111.
5.5	24.0	1730.4	806.0	-7.5	-8.0	313.7	11.4	8.2	-7.9	282.9	289.5	2.4	89.5	4.2	112.
5.9	25.0	1817.9	797.0	-7.6	-9.0	314.2	10.0	7.2	-7.0	283.6	290.2	2.4	89.5	4.4	114.
6.3	26.0	1935.9	785.0	-8.3	-9.0	305.5	10.0	8.1	-5.8	284.1	290.4	2.3	89.5	4.7	115.
6.7	27.0	2025.5	776.0	-8.2	-10.0	298.8	10.0	8.8	-4.8	285.2	291.5	2.3	87.1	4.9	115.
7.0	28.0	2116.1	767.0	-8.5	-10.4	296.8	9.5	8.5	-4.3	285.8	292.0	2.3	86.2	5.1	115.
7.5	29.0	2207.6	758.0	-8.8	-10.6	292.8	9.8	9.0	-3.8	286.4	292.7	2.3	86.8	5.3	115.
7.9	30.0	2310.7	748.0	-8.6	-10.7	289.5	10.3	9.7	-3.4	287.7	294.0	2.3	84.9	5.6	115.
8.2	31.0	2404.5	739.0	-8.9	-11.4	286.3	10.6	10.1	-3.0	288.4	294.4	2.2	82.3	5.8	115.
8.5	32.0	2499.4	730.0	-9.4	-12.4	282.7	10.9	10.6	-2.4	288.9	294.5	2.0	78.3	6.0	114.
8.9	33.0	2595.3	721.0	-9.7	-13.0	278.0	11.4	11.3	-1.6	289.5	294.7	1.8	71.0	6.2	114.
9.2	34.0	2692.2	712.0	-10.2	-15.0	275.6	12.0	12.0	-1.2	289.9	294.7	1.7	68.0	6.4	113.
9.6	35.0	2779.2	704.0	-10.8	-16.5	273.4	13.1	13.0	-0.8	290.2	294.5	1.5	62.8	6.7	112.
9.9	36.0	2900.3	693.0	-11.1	-18.0	271.8	14.0	14.0	-0.4	291.2	295.1	1.3	56.7	6.9	112.
10.2	37.0	3000.6	684.0	-11.7	-19.3	269.6	15.1	15.1	0.1	291.6	295.2	1.2	52.9	7.2	111.
10.6	38.0	3090.8	676.0	-11.8	-20.8	266.5	16.9	16.9	1.0	292.4	295.6	1.1	47.0	7.5	110.
10.9	39.0	3193.3	667.0	-12.4	-20.5	264.5	18.4	18.3	1.8	292.9	296.3	1.1	50.6	7.8	109.
11.1	40.0	3285.4	659.0	-13.2	-21.5	263.3	19.3	19.2	2.2	293.0	296.1	1.0	49.3	8.0	108.
11.5	41.0	3413.5	648.0	-13.6	-22.3	261.3	20.9	20.7	3.2	293.9	296.8	1.0	46.6	8.5	107.
11.9	42.0	3508.0	640.0	-14.1	-23.0	259.1	21.8	21.4	4.1	294.5	297.1	0.9	42.7	8.9	105.
12.2	43.0	3603.3	632.0	-14.7	-25.0	257.5	22.2	21.6	4.8	294.7	297.1	0.8	41.1	9.3	104.
12.6	44.0	3699.7	624.0	-15.4	-26.0	255.7	22.5	21.8	5.6	295.0	297.2	0.7	39.5	9.8	103.
12.9	45.0	3809.3	615.0	-16.0	-27.6	254.6	22.6	21.8	6.0	295.6	297.6	0.6	35.9	10.1	102.
13.3	46.0	3895.4	608.0	-17.0	-29.8	253.5	22.6	21.7	6.4	295.4	297.1	0.5	31.5	10.6	100.
13.6	47.0	4007.2	599.0	-17.6	-31.0	252.9	22.6	21.6	6.7	295.9	297.3	0.4	28.2	11.0	99.
14.0	48.0	4107.7	591.0	-18.3	-32.7	252.1	22.5	21.4	6.9	296.2	297.5	0.4	26.8	11.5	98.
14.4	49.0	4196.5	584.0	-19.1	-34.0	251.7	22.4	21.2	7.0	296.3	297.4	0.4	25.3	11.9	97.
14.7	50.0	4299.0	576.0	-20.1	-35.1	251.6	22.4	21.3	7.1	296.3	297.4	0.3	24.6	12.3	96.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
2315 GMT

158 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.2	51.0	4428.6	566.0	-21.0	-36.6	251.4	22.6	21.4	7.2	296.7	297.7	0.3	23.1	12.9	95.
15.6	52.0	4533.5	558.0	-22.0	-37.5	251.2	22.8	21.6	7.4	296.8	297.7	0.3	22.7	13.4	94.
15.9	53.0	4626.3	551.0	-22.8	-38.2	251.2	23.0	21.8	7.4	296.9	297.8	0.3	22.8	13.8	93.
16.2	54.0	4733.3	543.0	-23.7	-39.0	251.4	23.3	22.1	7.4	297.1	297.8	0.2	22.8	14.2	93.
16.7	55.0	4828.0	536.0	-24.8	-39.9	251.7	23.9	22.7	7.5	296.9	297.6	0.2	22.9	14.9	92.
17.1	56.0	4950.9	527.0	-25.9	-40.9	251.5	24.3	23.0	7.7	296.9	297.5	0.2	22.9	15.4	91.
17.4	57.0	5061.5	519.0	-26.7	-41.5	250.9	24.5	23.1	8.0	297.2	297.9	0.2	23.0	15.8	90.
17.7	58.0	5159.3	512.0	-27.7	-42.3	250.3	24.6	23.2	8.3	297.3	297.8	0.2	23.1	16.3	90.
18.1	59.0	5272.3	504.0	-28.7	-43.2	249.9	24.9	23.4	8.6	297.3	297.9	0.2	23.1	16.8	89.
18.5	60.0	5372.3	497.0	-29.7	-44.0	250.2	25.4	23.9	8.6	297.4	297.9	0.2	23.2	17.3	88.
18.8	61.0	5473.3	490.0	-30.6	-44.8	250.7	25.5	24.1	8.4	297.4	297.9	0.1	23.2	17.8	88.
19.1	62.0	5575.3	483.0	-31.5	-45.0	251.2	25.6	24.2	8.2	297.5	298.0	0.1	23.3	18.3	88.
19.6	63.0	5678.4	476.0	-32.7	-46.0	251.8	25.5	24.2	8.0	297.3	297.7	0.1	23.4	19.0	87.
19.9	64.0	5782.6	469.0	-33.4	-47.1	251.8	25.4	24.2	7.9	297.7	298.1	0.1	23.4	19.4	87.
20.2	65.0	5888.0	462.0	-34.5	-50.8	251.6	25.1	23.9	7.9	297.6	297.9	0.1	17.1	19.9	86.
20.7	66.0	6009.9	454.0	-35.3	-51.4	251.1	24.5	23.1	7.9	298.1	298.4	0.1	17.1	20.6	86.
21.1	67.0	6118.0	447.0	-36.1	-52.1	251.1	24.1	22.8	7.8	298.4	298.7	0.1	17.2	21.2	85.
21.5	68.0	6211.6	441.0	-37.3	-53.0	251.7	24.6	23.3	7.7	298.1	298.3	0.1	17.3	21.6	85.
21.9	69.0	6321.9	434.0	-38.1	-53.7	253.1	25.6	24.5	7.4	298.4	298.6	0.1	17.4	22.3	85.
22.2	70.0	6433.6	427.0	-39.2	-54.5	254.1	26.0	25.0	7.1	298.4	298.6	0.1	17.5	22.8	84.
22.8	71.0	6563.0	419.0	-40.1	99.9	255.5	25.6	24.8	6.4	298.8	999.9	99.9	999.9	23.7	84.
23.1	72.0	6661.3	413.0	-41.0	99.9	256.0	25.1	24.3	6.1	299.0	999.9	99.9	999.9	24.2	84.
23.5	73.0	6777.3	406.0	-41.7	99.9	256.4	24.5	23.8	5.8	299.6	999.9	99.9	999.9	24.8	84.
23.9	74.0	6878.0	400.0	-42.8	99.9	256.6	24.8	24.1	5.7	299.4	999.9	99.9	999.9	25.3	84.
24.3	75.0	6979.8	394.0	-43.8	99.9	256.8	25.2	24.5	5.7	299.4	999.9	99.9	999.9	25.9	83.
24.7	76.0	7082.7	388.0	-44.5	99.9	257.1	25.5	24.8	5.7	299.8	999.9	99.9	999.9	26.5	83.
25.0	77.0	7186.9	382.0	-45.5	99.9	257.2	25.6	24.9	5.7	299.8	999.9	99.9	999.9	27.0	83.
25.4	78.0	7292.3	376.0	-46.2	99.9	256.8	26.1	25.4	5.9	300.2	999.9	99.9	999.9	27.6	83.
25.7	79.0	7399.0	370.0	-47.1	99.9	256.1	27.1	26.3	6.5	300.4	999.9	99.9	999.9	28.0	83.
26.1	80.0	7507.1	364.0	-47.5	99.9	254.7	29.0	27.9	7.6	301.2	999.9	99.9	999.9	28.7	83.
26.4	81.0	7635.4	357.0	-47.5	99.9	253.6	31.1	29.8	8.8	302.9	999.9	99.9	999.9	29.2	83.
26.8	82.0	7747.3	351.0	-48.0	99.9	252.8	34.6	33.1	10.2	303.8	999.9	99.9	999.9	29.9	82.
27.1	83.0	7861.0	345.0	-48.3	99.9	252.6	37.2	35.5	11.1	304.9	999.9	99.9	999.9	30.5	82.
27.4	84.0	7976.4	339.0	-48.7	99.9	252.9	39.2	37.5	11.6	305.8	999.9	99.9	999.9	31.3	82.
27.8	85.0	8074.0	334.0	-49.0	99.9	252.7	40.6	38.8	12.1	306.7	999.9	99.9	999.9	32.3	82.
28.3	86.0	8213.0	327.0	-49.2	99.9	251.5	42.3	40.1	13.4	308.3	999.9	99.9	999.9	33.5	81.
28.6	87.0	8314.2	322.0	-48.6	99.9	250.8	44.0	41.6	14.5	310.5	999.9	99.9	999.9	34.2	81.
28.9	88.0	8437.9	316.0	-48.7	99.9	250.5	46.8	44.1	15.6	312.0	999.9	99.9	999.9	35.0	81.
29.3	89.0	8542.6	311.0	-49.3	99.9	250.9	50.3	47.5	16.5	312.6	999.9	99.9	999.9	36.1	80.
29.6	90.0	8648.6	306.0	-50.3	99.9	251.2	52.3	49.5	16.9	312.8	999.9	99.9	999.9	37.1	80.
30.0	91.0	8777.8	300.0	-50.7	99.9	251.5	53.5	50.7	16.9	313.9	999.9	99.9	999.9	38.6	80.
30.4	92.0	8887.1	295.0	-51.5	99.9	251.7	53.8	51.1	16.9	314.3	999.9	99.9	999.9	39.6	80.
30.9	93.0	8998.0	290.0	-51.6	99.9	252.0	54.4	51.8	16.8	315.6	999.9	99.9	999.9	41.3	79.
31.4	94.0	9110.9	285.0	-51.5	99.9	251.6	55.1	52.3	17.4	317.4	999.9	99.9	999.9	43.0	79.
31.8	95.0	9225.8	280.0	-51.5	99.9	250.9	56.6	53.5	18.6	319.0	999.9	99.9	999.9	44.2	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
2315 GMT

158 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.3	96.0	9366.3	274.0	-52.0	99.9	250.1	59.1	55.5	20.1	320.3	999.9	99.9	999.9	45.9	79.
32.7	97.0	9485.6	269.0	-52.1	99.9	249.5	59.8	56.1	20.9	321.8	999.9	99.9	999.9	47.4	78.
33.2	98.0	9607.1	264.0	-52.1	99.9	248.7	58.5	54.5	21.3	323.5	999.9	99.9	999.9	49.2	78.
33.6	99.0	9730.8	259.0	-52.3	99.9	247.9	56.5	52.4	21.2	325.1	999.9	99.9	999.9	50.6	78.
34.0	100.0	9831.5	255.0	-52.6	99.9	247.5	54.6	50.4	20.8	326.1	999.9	99.9	999.9	51.8	77.
34.6	101.0	9985.3	249.0	-52.6	99.9	248.5	53.3*	49.5	19.5	328.3	999.9	99.9	999.9	53.8	77.
35.0	102.0	10116.4	244.0	-52.4	99.9	249.3	54.0*	50.5	19.1	330.4	999.9	99.9	999.9	54.9	77.
35.5	103.0	10223.2	240.0	-52.7	99.9	249.3	55.8*	52.2	19.8	331.5	999.9	99.9	999.9	56.5	77.
35.9	104.0	10359.3	235.0	-52.1	99.9	248.6	55.0*	51.3	20.1	334.5	999.9	99.9	999.9	58.1	77.
36.4	105.0	10470.5	231.0	-52.1	99.9	248.6	52.4*	48.8	19.2	336.1	999.9	99.9	999.9	59.6	76.
36.8	106.0	10611.9	226.0	-52.7	99.9	249.3	50.4*	47.2	17.8	337.3	999.9	99.9	999.9	60.8	76.
37.1	107.0	10727.2	222.0	-52.7	99.9	249.8	49.2*	46.2	16.9	339.0	999.9	99.9	999.9	61.8	76.
37.6	108.0	10844.7	218.0	-52.3	99.9	249.8	47.7*	44.8	16.5	341.5	999.9	99.9	999.9	63.1	76.
38.0	109.0	10964.6	214.0	-52.0	99.9	249.1	47.3*	44.2	15.9	343.8	999.9	99.9	999.9	64.3	76.
38.3	110.0	11117.5	209.0	-52.7	99.9	249.6	48.7*	45.6	17.0	344.9	999.9	99.9	999.9	65.1	76.
38.8	111.0	11273.8	204.0	-53.1	99.9	250.7	53.1*	50.1	17.5	346.8	999.9	99.9	999.9	66.5	76.
39.2	112.0	11401.1	200.0	-54.0	99.9	251.1	57.1*	54.0	18.5	347.2	999.9	99.9	999.9	67.8	75.
39.6	113.0	11530.6	196.0	-54.7	99.9	250.7	58.8*	55.5	19.4	348.2	999.9	99.9	999.9	69.2	75.
40.1	114.0	11662.4	192.0	-55.3	99.9	249.5	52.9*	49.6	18.5	349.2	999.9	99.9	999.9	71.4	75.
40.6	115.0	11796.6	188.0	-55.5	99.9	248.7	41.8*	39.0	15.2	351.1	999.9	99.9	999.9	72.8	75.
41.3	116.0	11968.5	183.0	-55.5	99.9	247.2	39.2*	36.1	15.2	353.8	999.9	99.9	999.9	73.8	75.
41.8	117.0	12073.9	180.0	-55.5	99.9	246.7	47.1*	43.3	18.7	355.5	999.9	99.9	999.9	75.0	75.
42.2	118.0	12217.3	176.0	-55.2	99.9	246.7	52.0*	47.7	20.6	358.3	999.9	99.9	999.9	76.4	75.
42.7	119.0	12364.0	172.0	-55.3	99.9	246.7	51.3*	47.1	20.3	360.4	999.9	99.9	999.9	78.2	75.
43.1	120.0	12476.2	169.0	-55.7	99.9	246.5	47.2*	43.3	18.8	361.6	999.9	99.9	999.9	79.5	74.
43.5	121.0	12628.8	165.0	-55.7	99.9	246.9	43.5*	40.0	17.1	364.1	999.9	99.9	999.9	80.4	74.
44.0	122.0	12784.9	161.0	-56.2	99.9	248.2	43.7*	40.5	16.2	365.9	999.9	99.9	999.9	81.3	74.
44.3	123.0	12904.4	158.0	-56.3	99.9	248.5	44.7*	41.6	16.4	367.5	999.9	99.9	999.9	82.5	74.
45.0	124.0	13067.2	154.0	-56.7	99.9	248.4	48.5*	45.1	17.8	369.7	999.9	99.9	999.9	84.0	74.
45.4	125.0	13191.9	151.0	-56.8	99.9	248.6	52.1*	48.6	19.0	371.5	999.9	99.9	999.9	85.4	74.
46.4	126.0	13405.6	146.0	-56.0	99.9	250.0	63.1*	59.3	21.5	376.5	999.9	99.9	999.9	88.8	74.
47.0	127.0	13538.3	143.0	-54.2	99.9	250.9	75.4*	71.2	24.6	381.9	999.9	99.9	999.9	90.9	74.
47.5	128.0	13674.5	140.0	-53.2	99.9	251.8	77.7*	73.8	24.3	385.9	999.9	99.9	999.9	93.9	74.
47.9	129.0	13861.2	136.0	-53.4	99.9	252.5	66.9*	63.8	20.1	388.9	999.9	99.9	999.9	96.0	74.
48.2	130.0	14004.5	133.0	-54.3	99.9	252.9	57.3*	54.7	16.9	389.6	999.9	99.9	999.9	97.0	74.
48.9	131.0	14199.9	129.0	-55.0	99.9	252.2	39.4*	37.5	12.0	391.9	999.9	99.9	999.9	98.6	74.
49.3	132.0	14350.4	126.0	-54.7	99.9	250.1	36.2*	34.0	12.3	395.1	999.9	99.9	999.9	99.4	74.
49.8	133.0	14504.7	123.0	-54.5	99.9	246.9	34.3*	31.5	13.4	398.1	999.9	99.9	999.9	100.5	74.
50.3	134.0	14662.9	120.0	-54.3	99.9	244.7	31.0*	28.0	13.3	401.3	999.9	99.9	999.9	101.5	73.
50.9	135.0	14825.3	117.0	-53.9	99.9	242.5	24.8*	22.0	11.4	405.1	999.9	99.9	999.9	102.7	73.
51.4	136.0	15048.5	113.0	-54.3	99.9	237.2	23.4*	19.7	12.7	408.2	999.9	99.9	999.9	103.0	73.
52.1	137.0	15220.9	110.0	-54.3	99.9	231.1	30.5*	23.7	19.2	411.4	999.9	99.9	999.9	104.0	73.
52.8	138.0	15458.3	106.0	-54.5	99.9	229.8	31.7*	24.2	20.4	415.4	999.9	99.9	999.9	105.5	73.
53.4	139.0	15641.8	103.0	-55.3	99.9	224.0	24.1*	16.8	17.4	417.3	999.9	99.9	999.9	106.8	73.
54.0	140.0	15829.7	100.0	-56.8	99.9	215.5	17.2*	10.0	14.0	417.9	999.9	99.9	999.9	106.7	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

6 FEBRUARY 1975  
2315 GMT

158 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
54.8	141.0	16088.3	96.0	-57.0	99.9	228.0	20.3*	15.1	13.6	422.5	999.9	99.9	999.9	107.6	72.
55.6	142.0	16289.7	93.0	-56.2	99.9	239.9	36.8*	31.9	18.5	428.0	999.9	99.9	999.9	108.7	72.
56.4	143.0	16497.9	90.0	-56.5	99.9	245.7	44.1*	40.2	13.2	431.4	999.9	99.9	999.9	111.0	72.
57.2	144.0	16712.2	87.0	-58.4	99.9	248.0	58.7*	54.4	22.0	431.8	999.9	99.9	999.9	113.0	72.
57.9	145.0	17007.3	83.0	-59.8	99.9	245.8	57.7*	52.6	23.7	434.8	999.9	99.9	999.9	116.5	71.
58.8	146.0	17237.2	80.0	-60.2	99.9	244.6	50.2*	45.4	21.5	438.6	999.9	99.9	999.9	118.4	71.
59.7	147.0	17475.6	77.0	-60.2	99.9	248.6	54.7*	51.0	19.9	443.5	999.9	99.9	999.9	121.9	71.
60.7	148.0	17723.1	74.0	-60.9	99.9	246.5	35.0*	32.1	14.0	447.0	999.9	99.9	999.9	124.4	71.
61.6	149.0	17980.3	71.0	-61.2	99.9	244.2	30.3*	27.3	13.1	451.5	999.9	99.9	999.9	126.0	71.
62.6	150.0	18248.1	68.0	-61.4	99.9	246.8	30.2*	27.7	11.9	456.8	999.9	99.9	999.9	127.8	71.
63.6	151.0	18528.8	65.0	-60.2	99.9	253.3	31.6*	30.2	9.1	465.5	999.9	99.9	999.9	129.6	71.
64.6	152.0	18824.8	62.0	-58.4	99.9	254.8	33.5*	32.3	8.8	475.7	999.9	99.9	999.9	131.6	71.
65.6	153.0	19136.8	59.0	-58.4	99.9	251.4	36.7*	34.8	11.7	482.5	999.9	99.9	999.9	133.7	71.
66.5	154.0	19464.5	56.0	-59.3	99.9	251.1	40.1*	37.9	13.0	487.8	999.9	99.9	999.9	135.8	71.
67.4	155.0	19808.7	53.0	-60.2	99.9	252.6	40.7*	38.8	12.2	493.5	999.9	99.9	999.9	138.0	71.
68.3	156.0	20169.7	50.0	-63.1	99.9	258.2	21.9*	21.4	4.5	494.8	999.9	99.9	999.9	140.3	71.
69.3	157.0	20548.8	47.0	-64.9	99.9	38.0	3.3*	-2.1	-2.6	499.4	999.9	99.9	999.9	140.2	71.
70.4	158.0	20950.2	44.0	-65.9	99.9	247.2	17.8*	16.4	6.9	506.4	999.9	99.9	999.9	140.4	71.
71.7	159.0	21231.6	42.0	-67.4	99.9	244.4	29.4*	26.5	12.7	509.6	999.9	99.9	999.9	142.4	71.
73.0	160.0	21676.5	39.0	-69.1	99.9	243.1	32.3*	28.8	14.6	516.1	999.9	99.9	999.9	145.0	71.
74.7	161.0	22154.1	36.0	-69.8	99.9	244.4	27.0*	24.3	11.7	526.3	999.9	99.9	999.9	147.9	71.
76.9	162.0	22677.4	33.0	-65.9	99.9	259.3	30.0	29.5	5.6	549.8	999.9	99.9	999.9	151.3	71.
78.6	163.0	23259.9	30.0	-63.1	99.9	999.9	99.9	99.9	99.9	572.6	999.9	99.9	999.9	999.9	999.

STATION NO. 518  
ALBANY, N Y

7 FEBRUARY 1975  
515 GMT

150 51. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	5.9	86.0	996.4	-2.3	-4.6	30.0	1.5	-0.7	-1.3	271.5	278.4	2.7	84.0	0.0	0.
0.1	6.0	97.2	995.0	-1.7	-7.0	999.9	99.9	99.9	99.9	272.2	278.1	2.3	66.9	999.9	999.
0.3	7.0	185.7	984.0	-2.0	-5.2	999.9	99.9	99.9	99.9	272.8	279.6	2.6	78.6	999.9	999.
0.7	8.0	275.1	973.0	-2.1	-4.3	999.9	99.9	99.9	99.9	273.5	280.6	2.8	81.8	999.9	999.
1.0	9.0	365.4	962.0	-2.9	-5.1	999.9	99.9	99.9	99.9	273.6	280.6	2.7	84.6	999.9	999.
1.3	10.0	456.5	951.0	-3.4	-5.3	999.9	99.9	99.9	99.9	274.0	281.1	2.7	86.3	999.9	999.
1.7	11.0	573.8	937.0	-3.8	-5.4	999.9	99.9	99.9	99.9	274.7	281.8	2.7	88.8	999.9	999.
2.1	12.0	666.9	926.0	-4.6	-5.7	999.9	99.9	99.9	99.9	274.9	281.9	2.7	91.7	999.9	999.
2.5	13.0	760.9	915.0	-5.5	-6.2	999.9	99.9	99.9	99.9	274.9	281.7	2.6	94.5	999.9	999.
2.8	14.0	847.2	905.0	-5.8	-6.1	289.5	10.3	9.7	-3.4	275.5	282.4	2.7	97.4	0.6	118.
3.1	15.0	934.3	895.0	-6.4	-6.5	291.0	11.4	10.7	-4.1	275.7	282.6	2.6	99.1	0.8	116.
3.5	16.0	1057.5	881.0	-6.8	-7.0	290.3	12.4	11.7	-4.3	276.5	283.2	2.6	98.8	1.1	115.
3.9	17.0	1146.6	871.0	-7.6	-7.7	289.2	13.9	13.2	-4.6	276.6	283.1	2.5	98.7	1.4	114.
4.2	18.0	1245.5	860.0	-8.1	-8.3	285.7	14.5	13.9	-3.9	277.0	283.3	2.4	98.4	1.6	113.
4.5	19.0	1336.4	850.0	-8.1	-8.6	281.0	14.8	14.6	-2.8	277.9	284.2	2.4	96.7	1.9	112.
4.9	20.0	1428.5	840.0	-8.0	-9.8	276.2	14.9	14.8	-1.6	279.0	284.8	2.2	86.8	2.2	109.
5.3	21.0	1540.3	828.0	-8.4	-11.0	278.4	13.9	13.8	-2.0	279.6	285.1	2.0	81.9	2.6	108.
5.6	22.0	1634.5	818.0	-9.2	-11.0	281.2	12.9	12.6	-2.5	279.9	285.3	2.0	86.2	2.9	107.
6.0	23.0	1729.6	808.0	-9.9	-11.3	282.8	11.1	10.9	-2.5	280.1	285.5	2.0	89.1	3.1	107.
6.3	24.0	1825.6	798.0	-10.3	-11.2	281.5	9.7	9.5	-1.9	280.6	286.2	2.0	93.3	3.3	106.
6.6	25.0	1922.9	788.0	-9.9	-11.5	278.9	8.4	8.3	-1.3	282.1	287.6	2.0	88.1	3.5	106.
7.2	26.0	2041.3	776.0	-10.3	-12.1	269.1	7.0	7.0	0.1	282.8	288.2	1.9	86.4	3.7	105.
7.4	27.0	2141.1	766.0	-11.2	-12.6	266.5	6.9	6.9	0.4	283.0	288.2	1.9	88.7	3.8	105.
7.8	28.0	2241.9	756.0	-12.2	-13.0	260.9	6.8	6.7	1.1	282.9	288.1	1.9	93.3	4.0	104.
8.1	29.0	2343.7	746.0	-12.9	-13.4	256.8	7.0	6.8	1.6	283.3	288.3	1.8	95.6	4.1	103.
8.4	30.0	2436.2	737.0	-13.6	-14.1	253.3	7.7	7.4	2.2	283.5	288.3	1.7	95.7	4.2	103.
8.7	31.0	2529.9	728.0	-12.3	-12.9	250.7	8.9	8.4	2.9	285.9	291.3	1.9	95.3	4.3	102.
9.1	32.0	2625.2	719.0	-11.9	-15.4	249.3	10.8	10.0	4.0	287.3	291.9	1.6	75.1	4.5	100.
9.4	33.0	2732.4	709.0	-12.2	-17.2	247.2	12.2	11.2	4.7	288.1	292.2	1.4	66.1	4.7	99.
9.8	34.0	2830.0	700.0	-12.7	-18.1	246.2	13.2	12.1	5.4	288.5	292.3	1.3	63.8	5.0	97.
10.1	35.0	2928.8	691.0	-13.0	-18.9	245.6	13.7	12.4	5.6	289.3	292.9	1.2	61.3	5.2	95.
10.5	36.0	3051.0	680.0	-13.6	-20.3	245.0	13.6	12.3	5.8	290.0	293.2	1.1	56.4	5.5	93.
10.9	37.0	3152.2	671.0	-14.4	-20.3	244.3	13.3	12.0	5.8	290.1	293.3	1.1	57.8	5.7	92.
11.2	38.0	3254.4	662.0	-15.4	-21.0	243.6	13.2	11.8	5.9	290.2	293.3	1.1	61.7	6.0	91.
11.6	39.0	3357.7	653.0	-16.3	-21.1	242.8	13.2	11.8	6.0	290.2	293.4	1.1	66.5	6.2	90.
12.0	40.0	3462.0	644.0	-17.2	-21.4	242.6	13.5	12.0	6.2	290.4	293.6	1.1	69.6	6.5	88.
12.5	41.0	3579.2	634.0	-18.0	-21.8	243.0	14.0	12.5	6.4	290.8	293.9	1.0	71.6	6.9	87.
12.9	42.0	3686.0	625.0	-18.8	-22.3	243.0	14.6	13.0	6.6	291.1	294.1	1.0	73.5	7.2	86.
13.3	43.0	3793.9	616.0	-19.6	-23.0	242.8	15.3	13.6	7.0	291.3	294.2	1.0	74.3	7.5	85.
13.7	44.0	3890.9	608.0	-20.3	-23.5	242.3	16.1	14.2	7.5	291.6	294.4	0.9	75.5	7.9	84.
14.1	45.0	3989.0	600.0	-20.5	-23.3	241.6	16.9	14.8	8.0	292.4	295.3	1.0	78.4	8.3	83.
14.5	46.0	4100.8	591.0	-21.0	-23.3	240.6	17.5	15.3	8.6	293.2	296.2	1.0	81.2	8.7	82.
14.8	47.0	4201.4	583.0	-21.8	-24.5	239.9	18.0	15.6	9.0	293.4	296.1	0.9	78.6	8.9	81.
15.2	48.0	4303.1	575.0	-22.3	-27.2	239.0	18.7	16.0	9.6	293.9	296.1	0.7	64.4	9.3	80.
15.5	49.0	4405.9	567.0	-23.4	-28.6	238.2	19.1	16.2	10.1	293.8	295.8	0.6	61.7	9.7	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 516  
ALBANY, N Y

7 FEBRUARY 1975  
515 GMT

150 51. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.9	50.0	4509.7	559.0	-24.3	-29.8	237.2	19.1	16.0	13.3	293.9	295.7	0.6	60.2	10.1	78.
16.4	51.0	4654.4	548.0	-25.0	-30.6	236.6	18.5	15.5	13.2	294.8	296.5	0.5	59.0	10.6	77.
16.8	52.0	4761.1	540.0	-26.0	-31.9	236.8	18.0	15.1	9.9	294.8	296.3	0.5	57.4	11.1	76.
17.2	53.0	4869.0	532.0	-26.6	-32.1	236.9	17.6	14.7	9.6	295.4	296.9	0.5	59.2	11.5	76.
17.6	54.0	4964.6	525.0	-27.5	-33.0	236.7	17.1	14.3	9.4	295.4	296.8	0.4	59.2	11.8	75.
17.9	55.0	5074.9	517.0	-28.4	-33.7	236.4	16.6	13.8	9.2	295.5	296.9	0.4	60.0	12.2	74.
18.4	56.0	5200.5	508.0	-29.5	-34.7	236.7	15.7	13.1	8.6	295.7	297.0	0.4	60.3	12.6	74.
18.8	57.0	5299.4	501.0	-30.2	-35.4	236.7	15.5	13.0	8.5	296.1	297.3	0.4	59.6	12.9	73.
19.2	58.0	5413.8	493.0	-31.1	-36.4	235.6	15.6	12.9	8.8	296.3	297.4	0.3	59.0	13.3	73.
19.6	59.0	5515.1	486.0	-31.6	-36.8	233.3	16.0	12.8	9.6	296.9	297.9	0.3	59.9	13.7	72.
20.0	60.0	5632.3	478.0	-32.4	-37.4	230.2	16.5	12.7	10.6	297.3	298.3	0.3	60.9	14.0	72.
20.4	61.0	5736.3	471.0	-32.6	-37.5	227.6	16.9	12.5	11.4	298.4	299.4	0.3	61.2	14.4	71.
20.8	62.0	5841.7	464.0	-33.5	-38.6	225.2	17.0	12.1	12.0	298.5	299.4	0.3	59.7	14.8	70.
21.2	63.0	5948.1	457.0	-34.6	-39.8	222.8	17.0	11.6	12.5	298.4	299.3	0.3	58.6	15.2	70.
21.6	64.0	6055.8	450.0	-35.4	-40.5	220.4	17.2	11.2	13.1	298.7	299.5	0.2	59.1	15.5	69.
22.0	65.0	6164.8	443.0	-36.5	-41.6	218.8	17.8	11.1	13.8	298.7	299.4	0.2	58.5	15.8	68.
22.5	66.0	6290.9	435.0	-37.4	-42.6	219.1	18.9	12.0	14.7	299.0	299.7	0.2	58.1	16.3	67.
22.9	67.0	6402.7	428.0	-38.4	-43.4	220.4	20.2	13.1	15.4	299.2	299.8	0.2	58.6	16.7	67.
23.2	68.0	6515.8	421.0	-39.6	-44.7	221.2	21.0	13.8	15.8	299.0	299.6	0.2	58.0	17.1	66.
23.6	69.0	6630.2	414.0	-40.8	99.9	221.6	21.8	14.5	16.3	299.1	999.9	99.9	999.9	17.6	65.
24.1	70.0	6729.4	408.0	-41.6	99.9	221.1	21.6	14.2	16.3	299.2	999.9	99.9	999.9	18.2	65.
24.6	71.0	6863.3	400.0	-42.7	99.9	220.6	20.7	13.5	15.7	299.5	999.9	99.9	999.9	18.8	64.
25.0	72.0	6982.2	393.0	-43.9	99.9	221.3	19.8	13.1	14.9	299.5	999.9	99.9	999.9	19.2	63.
25.4	73.0	7085.3	387.0	-45.0	99.9	223.6	19.6	13.5	14.2	299.3	999.9	99.9	999.9	19.6	63.
25.8	74.0	7189.5	381.0	-45.9	99.9	225.5	20.0	14.3	14.0	299.5	999.9	99.9	999.9	20.1	62.
26.2	75.0	7294.9	375.0	-46.9	99.9	226.9	20.6	15.0	14.1	299.5	999.9	99.9	999.9	20.5	62.
26.6	76.0	7401.5	369.0	-48.0	99.9	227.7	21.0	15.5	14.1	299.5	999.9	99.9	999.9	21.0	62.
27.0	77.0	7527.5	362.0	-49.2	99.9	229.6	21.0	15.8	13.9	299.5	999.9	99.9	999.9	21.6	61.
27.4	78.0	7636.9	356.0	-50.0	99.9	229.1	21.2	16.0	13.9	299.9	999.9	99.9	999.9	22.0	61.
27.8	79.0	7747.8	350.0	-51.2	99.9	228.8	21.6	16.3	14.2	299.7	999.9	99.9	999.9	22.5	61.
28.2	80.0	7860.0	344.0	-52.0	99.9	228.5	21.9	16.4	14.5	300.1	999.9	99.9	999.9	23.1	60.
28.6	81.0	7992.9	337.0	-53.0	99.9	228.8	22.3	16.8	14.7	300.6	999.9	99.9	999.9	23.6	60.
29.0	82.0	8089.0	332.0	-54.1	99.9	230.4	23.4	18.0	14.9	300.3	999.9	99.9	999.9	24.0	60.
29.3	83.0	8206.3	326.0	-53.3	99.9	232.8	25.9	20.6	15.6	303.0	999.9	99.9	999.9	24.5	60.
29.6	84.0	8326.1	320.0	-52.5	99.9	235.0	28.8	23.6	16.5	305.7	999.9	99.9	999.9	24.9	60.
30.1	85.0	8428.2	315.0	-51.0	99.9	237.8	35.3	29.9	18.8	309.1	999.9	99.9	999.9	25.8	59.
30.5	86.0	8574.5	308.0	-50.7	99.9	238.9	40.8	34.9	21.0	311.5	999.9	99.9	999.9	26.9	59.
30.9	87.0	8681.1	303.0	-50.9	99.9	239.0	45.9	39.4	23.7	312.7	999.9	99.9	999.9	27.7	59.
31.3	88.0	8811.3	297.0	-50.9	99.9	238.7	49.8	42.6	25.9	314.5	999.9	99.9	999.9	29.0	59.
31.7	89.0	8922.0	292.0	-50.3	99.9	238.2	51.3	43.6	27.0	317.0	999.9	99.9	999.9	30.3	59.
32.1	90.0	9034.9	287.0	-50.0	99.9	237.7	49.9	42.2	26.7	319.0	999.9	99.9	999.9	31.6	59.
32.6	91.0	9149.8	282.0	-50.0	99.9	237.6	46.1	38.9	24.7	320.6	999.9	99.9	999.9	33.3	59.
33.1	92.0	9266.7	277.0	-50.1	99.9	238.0	45.6	38.7	24.2	322.0	999.9	99.9	999.9	34.1	59.
33.6	93.0	9385.5	272.0	-50.7	99.9	238.2	49.0	41.6	25.8	322.8	999.9	99.9	999.9	35.7	59.
34.1	94.0	9506.5	267.0	-50.4	99.9	237.6	51.7	43.7	27.7	324.9	999.9	99.9	999.9	37.3	59.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 518  
ALBANY, N Y

7 FEBRUARY 1975  
515 GMT

150 51. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.5	95.0	9629.7	262.0	-50.9	99.9	236.8	52.1	43.6	29.5	326.0	999.9	99.9	999.9	38.6	59.
35.1	96.0	9805.9	255.0	-51.0	99.9	236.8	51.5	43.1	29.2	326.3	999.9	99.9	999.9	40.4	59.
35.5	97.0	9934.6	250.0	-51.4	99.9	237.8	51.7	43.7	27.5	329.7	999.9	99.9	999.9	41.6	59.
36.0	98.0	10039.3	246.0	-51.8	99.9	239.8	52.9	45.7	26.6	330.5	999.9	99.9	999.9	43.1	59.
36.4	99.0	10172.2	241.0	-52.5	99.9	240.8	54.5	47.6	26.6	331.5	999.9	99.9	999.9	44.5	59.
36.8	100.0	10307.7	236.0	-52.8	99.9	241.2	56.3	49.3	27.1	333.0	999.9	99.9	999.9	45.7	59.
37.3	101.0	10473.9	230.0	-52.6	99.9	241.2	57.5	50.4	27.7	335.7	999.9	99.9	999.9	47.5	59.
37.6	102.0	10587.2	226.0	-52.8	99.9	240.9	57.1	49.9	27.7	337.2	999.9	99.9	999.9	48.6	59.
38.2	103.0	10702.5	222.0	-52.8	99.9	239.6	52.0	44.8	26.3	338.9	999.9	99.9	999.9	50.7	59.
38.6	104.0	10849.5	217.0	-53.0	99.9	238.2	47.4	40.2	25.0	340.9	999.9	99.9	999.9	51.9	59.
39.2	105.0	10969.3	213.0	-53.6	99.9	237.4	44.0	37.1	23.7	341.7	999.9	99.9	999.9	53.3	59.
39.6	106.0	11091.3	209.0	-53.1	99.9	238.5	44.9	38.3	23.5	344.3	999.9	99.9	999.9	54.1	59.
40.1	107.0	11247.1	204.0	-54.1	99.9	240.6	47.7	41.5	23.4	345.2	999.9	99.9	999.9	56.0	59.
40.6	108.0	11374.2	200.0	-53.8	99.9	241.5	50.3	44.2	24.0	347.6	999.9	99.9	999.9	57.0	59.
41.1	109.0	11504.0	196.0	-53.9	99.9	241.3	51.6	45.3	24.8	349.4	999.9	99.9	999.9	59.0	59.
41.6	110.0	11636.3	192.0	-54.3	99.9	240.6	49.9	43.5	24.5	350.9	999.9	99.9	999.9	60.3	59.
42.3	111.0	11805.4	187.0	-54.4	99.9	239.7	45.0	38.9	22.7	353.3	999.9	99.9	999.9	62.5	59.
42.7	112.0	11944.0	183.0	-54.3	99.9	239.8	45.4*	39.2	22.8	355.8	999.9	99.9	999.9	63.3	59.
43.2	113.0	12049.9	180.0	-54.6	99.9	240.8	46.9*	40.9	22.9	356.9	999.9	99.9	999.9	64.5	59.
43.6	114.0	12193.7	176.0	-54.9	99.9	242.2	43.7*	38.7	20.4	358.7	999.9	99.9	999.9	66.1	59.
44.1	115.0	12340.5	172.0	-55.4	99.9	245.2	32.6*	29.6	13.7	360.2	999.9	99.9	999.9	67.7	59.
44.6	116.0	12490.3	168.0	-56.1	99.9	246.8	30.8*	28.3	12.2	361.5	999.9	99.9	999.9	67.5	60.
45.2	117.0	12643.5	164.0	-56.3	99.9	244.6	47.4*	42.8	20.3	363.8	999.9	99.9	999.9	68.9	60.
45.7	118.0	12800.4	160.0	-56.1	99.9	244.3	55.7*	50.2	24.1	366.6	999.9	99.9	999.9	71.0	60.
46.2	119.0	12920.7	157.0	-56.3	99.9	245.6	51.5*	46.9	21.2	368.3	999.9	99.9	999.9	72.9	60.
46.7	120.0	13084.6	153.0	-56.4	99.9	247.8	44.9*	41.5	17.0	370.8	999.9	99.9	999.9	74.1	60.
47.3	121.0	13210.1	150.0	-57.1	99.9	249.2	44.5*	41.6	15.8	371.7	999.9	99.9	999.9	75.4	60.
47.8	122.0	13381.5	146.0	-56.3	99.9	250.3	42.8*	40.3	14.4	376.1	999.9	99.9	999.9	76.9	60.
48.4	123.0	13513.4	143.0	-56.3	99.9	253.6	32.7*	31.4	9.2	378.3	999.9	99.9	999.9	78.7	61.
48.9	124.0	13648.2	140.0	-55.9	99.9	254.7	29.3*	28.3	7.7	381.2	999.9	99.9	999.9	78.9	61.
49.5	125.0	13786.0	137.0	-55.8	99.9	251.1	39.6*	37.4	12.8	383.9	999.9	99.9	999.9	79.6	61.
50.2	126.0	13974.7	133.0	-55.8	99.9	249.7	42.2*	39.6	14.6	387.1	999.9	99.9	999.9	82.3	61.
50.7	127.0	14120.0	130.0	-55.8	99.9	249.9	33.0*	30.9	11.4	389.7	999.9	99.9	999.9	83.5	61.
51.2	128.0	14268.7	127.0	-55.8	99.9	248.5	26.9*	25.0	9.9	392.3	999.9	99.9	999.9	84.1	61.
51.7	129.0	14420.7	124.0	-56.3	99.9	245.8	29.1*	26.6	12.0	394.0	999.9	99.9	999.9	84.3	61.
52.2	130.0	14576.3	121.0	-56.3	99.9	244.0	29.1*	26.1	12.7	396.8	999.9	99.9	999.9	86.1	61.
52.8	131.0	14789.9	117.0	-56.3	99.9	242.4	23.3*	20.6	10.8	400.6	999.9	99.9	999.9	86.7	61.
53.3	132.0	14955.0	114.0	-55.9	99.9	241.3	27.1*	23.8	13.0	404.3	999.9	99.9	999.9	86.9	61.
53.9	133.0	15124.7	111.0	-55.9	99.9	240.1	35.4*	30.7	17.7	407.4	999.9	99.9	999.9	88.6	61.
54.4	134.0	15299.0	108.0	-56.1	99.9	237.8	34.9*	29.5	18.6	410.2	999.9	99.9	999.9	89.7	61.
54.9	135.0	15417.6	106.0	-56.9	99.9	235.8	32.8*	27.1	18.4	410.8	999.9	99.9	999.9	90.5	61.
55.5	136.0	15661.2	102.0	-56.9	99.9	236.5	32.1*	26.7	17.7	415.4	999.9	99.9	999.9	91.8	61.
56.1	137.0	15849.9	99.0	-57.8	99.9	238.0	32.7*	27.8	17.3	417.2	999.9	99.9	999.9	92.9	61.
56.7	138.0	16043.9	96.0	-58.0	99.9	239.1	37.1*	31.8	19.0	420.6	999.9	99.9	999.9	94.0	61.
57.3	139.0	16244.2	93.0	-57.6	99.9	242.4	41.7*	36.9	19.3	425.1	999.9	99.9	999.9	95.6	61.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

7 FEBRUARY 1975  
515 GMT

150 51. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.1	140.0	16451.3	90.0	-57.5	99.9	247.5	42.9*	39.6	16.4	429.5	999.9	99.9	999.9	97.5	61.
58.9	141.0	16665.8	87.0	-56.8	99.9	247.9	42.6*	39.5	16.0	435.0	999.9	99.9	999.9	99.5	61.
59.7	142.0	16888.5	84.0	-56.1	99.9	244.0	36.8*	33.0	16.1	440.8	999.9	99.9	999.9	101.8	61.
60.5	143.0	17119.1	81.0	-57.3	99.9	236.6	31.3*	26.1	17.2	443.0	999.9	99.9	999.9	103.1	61.
61.2	144.0	17356.9	78.0	-58.9	99.9	235.3	32.2*	26.5	13.3	444.5	999.9	99.9	999.9	104.5	61.
61.9	145.0	17602.1	75.0	-60.5	99.9	233.6	31.3*	26.7	13.3	446.1	999.9	99.9	999.9	105.9	61.
62.7	146.0	17856.4	72.0	-60.5	99.9	241.2	31.2*	27.3	15.0	451.3	999.9	99.9	999.9	107.3	61.
63.4	147.0	18031.6	70.0	-61.1	99.9	242.5	38.9*	34.6	13.0	453.8	999.9	99.9	999.9	108.4	61.
64.3	148.0	18303.5	67.0	-61.4	99.9	245.6	48.1*	43.8	19.9	458.7	999.9	99.9	999.9	111.1	61.
65.2	149.0	18588.0	64.0	-60.9	99.9	250.3	49.2*	46.3	16.6	466.0	999.9	99.9	999.9	113.9	61.
66.2	150.0	18886.9	61.0	-60.3	99.9	255.9	38.9*	37.7	9.5	473.6	999.9	99.9	999.9	116.8	62.
67.1	151.0	19094.9	59.0	-60.0	99.9	256.2	31.5*	30.6	7.5	479.0	999.9	99.9	999.9	118.1	62.
68.0	152.0	19420.1	56.0	-60.9	99.9	999.9	99.9	99.9	59.9	484.1	999.9	99.9	999.9	999.9	999.
68.8	153.0	19645.8	54.0	-61.6	99.9	999.9	99.9	99.9	99.9	487.4	999.9	99.9	999.9	999.9	999.
69.6	154.0	19998.5	51.0	-63.4	99.9	999.9	99.9	99.9	99.9	491.4	999.9	99.9	999.9	999.9	999.

STATION NO. 518  
ALBANY, N Y

7 FEBRUARY 1975  
1115 GMT

155 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGF KM	AZ DG
0.0	5.8	86.0	996.8	-3.3	-4.3	180.0	2.6	0.0	2.6	270.5	277.6	2.8	93.0	0.0	0.
0.2	6.0	108.3	994.0	-1.5	-2.9	300.2	5.5	4.8	-2.8	272.6	280.5	3.1	90.1	0.1	41.
0.6	7.0	205.2	982.0	-1.5	-3.1	295.7	6.5	5.9	-2.8	273.5	281.5	3.1	88.8	0.1	69.
1.0	8.0	286.8	972.0	-1.6	-3.3	286.3	10.8	10.4	-3.0	274.1	281.8	3.0	85.0	0.2	103.
1.4	9.0	385.6	960.0	-2.6	-4.5	283.4	12.9	12.5	-3.0	274.1	281.5	2.9	86.7	0.6	102.
1.8	10.0	476.9	949.0	-3.3	-4.7	283.8	11.6	11.3	-2.8	274.3	281.6	2.8	90.2	0.9	103.
2.3	11.0	585.9	936.0	-4.4	-5.0	286.8	10.3	9.9	-3.0	274.2	281.5	2.8	95.4	1.2	103.
2.7	12.0	679.0	925.0	-5.3	-5.3	291.9	10.3	9.6	-3.9	274.2	281.4	2.8	99.7	1.4	104.
3.1	13.0	772.9	914.0	-6.0	-6.0	298.3	10.6	9.4	-5.1	274.4	281.3	2.7	100.1	1.7	106.
3.4	14.0	859.1	904.0	-6.2	-6.2	302.0	10.9	9.2	-5.8	275.1	282.1	2.7	100.1	1.9	107.
3.8	15.0	954.8	893.0	-6.8	-6.9	304.0	11.4	9.4	-5.3	275.4	282.1	2.6	99.0	2.1	109.
4.3	16.0	1078.2	879.0	-7.1	-7.2	306.2	11.5	9.3	-6.8	276.4	283.0	2.5	99.0	2.5	112.
4.7	17.0	1176.4	868.0	-8.0	-8.7	308.0	11.2	8.8	-6.9	276.4	282.5	2.3	94.5	2.7	113.
5.1	18.0	1266.4	858.0	-8.8	-9.8	308.1	11.1	8.7	-6.8	276.4	282.0	2.1	92.8	3.0	115.
5.5	19.0	1366.3	847.0	-9.1	-10.0	305.6	12.3	10.0	-7.2	277.1	282.7	2.1	93.0	3.2	116.
5.8	20.0	1458.1	837.0	-10.0	-11.0	303.4	11.8	9.9	-6.5	277.1	282.4	2.0	92.0	3.5	116.
6.3	21.0	1578.8	824.0	-10.6	-11.7	299.8	10.0	8.7	-5.0	277.8	282.9	1.9	91.4	3.8	117.
6.8	22.0	1672.8	814.0	-10.6	-11.7	300.1	9.3	8.1	-4.7	278.7	283.9	1.9	91.3	4.1	117.
7.2	23.0	1768.0	804.0	-10.8	-12.0	299.1	9.6	8.4	-4.7	279.4	284.6	1.9	91.3	4.3	117.
7.5	24.0	1864.2	794.0	-11.1	-12.3	296.0	9.9	8.9	-4.3	280.1	285.2	1.9	91.3	4.5	117.
7.9	25.0	1971.4	783.0	-11.1	-12.3	289.5	9.1	8.5	-3.0	281.2	286.4	1.9	91.2	4.7	117.
8.4	26.0	2090.0	771.0	-11.3	-12.4	280.8	9.2	9.0	-1.7	282.3	287.6	1.9	91.1	5.0	116.
8.8	27.0	2180.1	762.0	-11.6	-13.0	275.0	9.7	9.6	-0.9	283.0	288.0	1.8	88.9	5.2	115.
9.2	28.0	2281.4	752.0	-12.0	-13.6	271.0	10.3	10.3	-0.2	283.6	288.5	1.8	87.7	5.4	114.
9.6	29.0	2383.7	742.0	-12.7	-14.5	268.6	11.0	11.0	0.3	283.9	288.5	1.7	86.5	5.6	113.
9.9	30.0	2476.9	733.0	-13.1	-14.7	267.5	11.5	11.5	0.5	284.4	289.0	1.7	87.5	5.8	112.
10.3	31.0	2581.5	723.0	-13.7	-15.0	266.3	12.0	12.0	0.8	284.9	289.5	1.6	89.8	6.1	111.
10.6	32.0	2676.7	714.0	-14.4	-15.8	265.5	12.3	12.2	1.0	285.1	289.5	1.6	88.9	6.3	110.
11.0	33.0	2783.6	704.0	-14.9	-16.3	264.8	12.3	12.2	1.1	285.7	289.9	1.5	88.8	6.6	109.
11.4	34.0	2880.8	695.0	-15.8	-17.1	264.4	12.0	12.0	1.2	285.8	289.9	1.4	89.6	6.8	108.
11.9	35.0	2979.1	686.0	-16.2	-17.3	263.1	11.5	11.5	1.4	286.4	290.5	1.4	91.1	7.1	107.
12.4	36.0	3100.6	675.0	-17.1	-17.8	260.4	11.4	11.3	1.9	286.6	290.6	1.4	94.5	7.5	106.
12.9	37.0	3201.3	666.0	-17.7	-18.7	258.8	11.8	11.6	2.3	287.1	290.9	1.3	91.3	7.7	105.
13.3	38.0	3303.0	657.0	-18.5	-20.7	259.3	12.2	12.0	2.3	287.3	290.5	1.1	82.4	8.0	104.
13.7	39.0	3405.8	648.0	-19.3	-21.2	260.6	12.6	12.5	2.1	287.5	290.6	1.1	84.8	8.3	103.
14.1	40.0	3509.7	639.0	-20.1	-21.8	262.0	13.1	13.0	1.8	287.7	290.8	1.0	86.4	8.6	102.
14.7	41.0	3638.4	628.0	-20.2	-21.6	263.8	14.1	14.0	1.5	289.0	292.2	1.1	88.9	9.0	101.
15.1	42.0	3733.4	620.0	-20.8	-22.5	264.9	14.7	14.7	1.3	289.4	292.4	1.0	85.9	9.4	100.
15.5	43.0	3841.5	611.0	-20.9	-23.1	265.5	15.0	14.9	1.2	290.5	293.4	1.0	82.5	9.8	100.
15.9	44.0	3938.9	603.0	-21.2	-23.5	264.9	15.0	15.0	1.3	291.3	294.1	0.9	81.4	10.1	100.
16.3	45.0	4049.8	594.0	-21.7	-25.1	263.4	15.3	15.2	1.8	291.9	294.4	0.8	73.8	10.4	99.
16.8	46.0	4149.6	586.0	-22.1	-26.0	261.1	15.8	15.6	2.4	292.5	294.9	0.8	70.7	10.9	98.
17.2	47.0	4250.6	578.0	-22.9	-27.5	260.2	16.5	16.2	2.8	292.7	294.8	0.7	66.0	11.2	98.
17.7	48.0	4352.6	570.0	-23.7	-28.2	260.2	17.4	17.2	3.0	293.0	295.0	0.7	66.7	11.7	97.
18.2	49.0	4455.8	562.0	-24.3	-28.5	259.9	18.0	17.8	3.2	293.5	295.5	0.6	68.0	12.2	96.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

7 FEBRUARY 1975  
1115 GMT

155 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
18.5	50.0	4560.2	554.0	-24.9	-29.4	259.2	18.1	17.7	3.4	293.9	295.8	0.6	66.0	12.6	96.
19.1	51.0	4692.4	544.0	-25.9	-30.6	257.0	17.2	16.8	3.9	294.3	296.0	0.5	64.4	13.2	95.
19.6	52.0	4799.5	536.0	-26.8	-31.3	257.4	17.6	17.1	3.8	294.5	296.1	0.5	65.1	13.6	94.
20.0	53.0	4907.8	528.0	-28.0	-32.0	259.1	19.0	18.6	3.6	294.3	295.8	0.5	68.3	14.0	94.
20.5	54.0	5003.5	521.0	-28.8	-33.0	260.9	21.0	20.7	3.3	294.5	295.9	0.4	66.8	14.5	93.
20.9	55.0	5114.1	513.0	-29.6	-33.9	260.4	21.3	21.0	3.5	294.8	296.1	0.4	65.6	15.2	93.
21.4	56.0	5240.1	504.0	-30.8	-35.2	258.8	20.6	20.2	4.0	294.8	296.0	0.4	65.1	15.8	92.
21.8	57.0	5353.6	496.0	-31.5	-35.9	258.1	19.8	19.4	4.1	295.4	296.5	0.4	64.7	16.2	92.
22.2	58.0	5453.9	489.0	-32.8	-36.4	257.9	19.0	18.6	4.0	294.9	296.0	0.3	64.8	16.7	91.
22.6	59.0	5555.3	482.0	-33.5	-37.3	257.6	18.1	17.7	3.9	295.3	296.3	0.3	67.7	17.2	91.
23.1	60.0	5672.5	474.0	-34.7	-39.2	255.6	16.7	16.2	4.2	295.2	296.1	0.3	63.0	17.6	91.
23.5	61.0	5776.3	467.0	-35.5	-40.1	253.6	15.5	14.9	4.4	295.5	296.3	0.2	62.0	18.0	90.
23.9	62.0	5881.3	460.0	-36.3	-41.2	252.9	14.6	13.9	4.3	295.7	296.4	0.2	60.4	18.4	90.
24.4	63.0	5987.4	453.0	-37.4	-42.9	252.5	14.6	13.9	4.4	295.6	296.3	0.2	55.8	18.7	90.
24.8	64.0	6094.8	446.0	-38.2	-44.0	252.5	15.7	15.0	4.7	295.9	296.5	0.2	54.2	19.0	89.
25.2	65.0	6203.4	439.0	-39.2	-44.6	252.7	17.1	16.3	5.1	296.0	296.6	0.2	56.1	19.4	89.
25.7	66.0	6329.1	431.0	-40.4	99.9	252.8	18.3	17.5	5.4	296.1	999.9	99.9	999.9	20.0	89.
26.1	67.0	6440.5	424.0	-41.5	99.9	252.5	18.6	17.7	5.6	296.0	999.9	99.9	999.9	20.4	88.
26.5	68.0	6553.2	417.0	-42.4	99.9	251.3	18.6	17.7	6.0	296.4	999.9	99.9	999.9	20.9	88.
27.0	69.0	6651.0	411.0	-43.2	99.9	248.8	19.1	17.8	5.9	296.5	999.9	99.9	999.9	21.3	87.
27.3	70.0	6766.5	404.0	-44.0	99.9	247.2	19.5	18.0	7.6	297.0	999.9	99.9	999.9	21.7	87.
27.9	71.0	6900.5	396.0	-44.8	99.9	244.6	20.6	18.6	8.8	297.6	999.9	99.9	999.9	22.4	86.
28.3	72.0	7002.4	390.0	-45.8	99.9	244.0	21.8	19.5	9.5	297.6	999.9	99.9	999.9	22.8	86.
28.8	73.0	7105.3	384.0	-47.0	99.9	243.8	23.3	20.9	10.3	297.3	999.9	99.9	999.9	23.4	85.
29.2	74.0	7227.0	377.0	-47.9	99.9	243.3	24.0	21.4	10.8	297.7	999.9	99.9	999.9	24.0	85.
29.6	75.0	7332.6	371.0	-48.8	99.9	242.3	24.1	21.3	11.2	297.9	999.9	99.9	999.9	24.6	84.
30.1	76.0	7439.5	365.0	-49.9	99.9	240.7	23.5	20.5	11.5	297.9	999.9	99.9	999.9	25.2	84.
30.5	77.0	7547.7	359.0	-50.7	99.9	239.6	22.8	19.7	11.5	298.2	999.9	99.9	999.9	25.8	83.
31.0	78.0	7657.2	353.0	-51.8	99.9	238.2	21.8	18.5	11.5	298.2	999.9	99.9	999.9	26.4	83.
31.5	79.0	7768.2	347.0	-52.4	99.9	237.9	22.4	19.0	11.9	298.8	999.9	99.9	999.9	26.9	82.
32.0	80.0	7881.2	341.0	-51.6	99.9	233.6	24.8	21.2	12.9	301.4	999.9	99.9	999.9	27.5	81.
32.8	81.0	8015.9	334.0	-51.3	99.9	239.8	28.0	24.2	14.1	303.6	999.9	99.9	999.9	28.8	80.
33.3	82.0	8134.0	328.0	-50.4	99.9	240.2	29.5	25.6	14.6	306.5	999.9	99.9	999.9	29.6	80.
33.8	83.0	8234.6	323.0	-48.7	99.9	240.2	31.7	27.5	15.7	310.1	999.9	99.9	999.9	30.4	79.
34.2	84.0	8358.2	317.0	-47.6	99.9	240.0	33.7	29.7	16.9	313.3	999.9	99.9	999.9	31.1	79.
34.6	85.0	8463.2	312.0	-47.8	99.9	239.7	35.6	30.8	18.0	314.5	999.9	99.9	999.9	31.9	78.
35.0	86.0	8612.8	305.0	-48.2	99.9	239.3	36.9	31.7	18.8	315.9	999.9	99.9	999.9	32.8	78.
35.4	87.0	8721.6	300.0	-48.5	99.9	239.0	37.1	31.8	17.1	317.0	999.9	99.9	999.9	33.6	77.
35.8	88.0	8854.3	294.0	-49.6	99.9	238.6	37.0	31.6	17.3	317.3	999.9	99.9	999.9	34.5	77.
36.2	89.0	8966.4	289.0	-50.2	99.9	238.1	36.8	31.3	19.5	318.0	999.9	99.9	999.9	35.3	76.
36.7	90.0	9080.4	284.0	-50.2	99.9	237.0	37.3	31.3	20.3	319.6	999.9	99.9	999.9	36.4	76.
37.1	91.0	9196.3	279.0	-50.5	99.9	235.8	38.6	32.0	21.7	320.8	999.9	99.9	999.9	37.2	75.
37.4	92.0	9314.2	274.0	-50.5	99.9	234.9	40.3	33.0	23.2	322.4	999.9	99.9	999.9	37.8	75.
38.0	93.0	9458.5	268.0	-50.8	99.9	233.1	43.8	35.1	26.3	324.0	999.9	99.9	999.9	39.4	74.
38.5	94.0	9581.1	263.0	-51.1	99.9	232.7	46.0	36.5	27.9	325.3	999.9	99.9	999.9	40.5	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

7 FEBRUARY 1975  
1115 GMT

155 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
39.0	95.0	9680.9	259.0	-50.7	99.9	233.8	47.7	38.5	28.2	327.4	999.9	99.9	999.9	41.9	73.
39.5	96.0	9833.4	253.0	-51.3	99.9	236.0	50.1	41.6	28.1	328.7	999.9	99.9	999.9	43.2	72.
39.9	97.0	9962.9	248.0	-51.9	99.9	238.1	52.2	44.3	27.6	329.6	999.9	99.9	999.9	44.4	72.
40.3	98.0	10094.8	243.0	-52.2	99.9	240.2	52.4	45.4	26.1	331.1	999.9	99.9	999.9	45.7	71.
40.7	99.0	10202.4	239.0	-51.3	99.9	242.1	50.3	44.4	23.6	334.1	999.9	99.9	999.9	47.1	71.
41.1	100.0	10339.8	234.0	-51.4	99.9	243.4	46.6	41.6	20.9	335.9	999.9	99.9	999.9	48.2	71.
41.8	101.0	10480.2	229.0	-50.8	99.9	241.0	42.4	37.1	20.6	338.9	999.9	99.9	999.9	49.9	71.
42.4	102.0	10624.4	224.0	-49.7	99.9	235.6	44.0	36.3	24.8	342.7	999.9	99.9	999.9	51.4	70.
42.8	103.0	10742.6	220.0	-48.4	99.9	232.9	45.6	36.4	21.6	346.6	999.9	99.9	999.9	52.4	70.
43.4	104.0	10893.6	215.0	-49.4	99.9	231.3	47.4	37.0	29.7	347.3	999.9	99.9	999.9	54.1	69.
43.9	105.0	11016.4	211.0	-50.5	99.9	233.0	49.2	39.3	29.6	347.4	999.9	99.9	999.9	55.3	69.
44.3	106.0	11141.1	207.0	-51.0	99.9	235.8	50.0	41.3	28.1	348.6	999.9	99.9	999.9	56.5	69.
44.6	107.0	11300.0	202.0	-51.4	99.9	237.9	49.5	41.9	26.3	350.3	999.9	99.9	999.9	57.4	68.
45.0	108.0	11430.0	198.0	-51.3	99.9	240.6	46.4	40.5	22.8	352.6	999.9	99.9	999.9	59.0	68.
45.4	109.0	11562.6	194.0	-51.3	99.9	242.7	42.0	37.4	19.3	354.6	999.9	99.9	999.9	59.7	68.
45.9	110.0	11697.9	190.0	-51.4	99.9	245.6	38.1	34.7	15.8	356.5	999.9	99.9	999.9	60.8	68.
46.5	111.0	11870.6	185.0	-52.9	99.9	248.8	36.2	33.7	13.1	356.9	999.9	99.9	999.9	62.4	68.
47.0	112.0	11976.0	182.0	-53.0	99.9	248.3	40.2	37.3	14.8	358.3	999.9	99.9	999.9	62.9	68.
47.4	113.0	12119.4	178.0	-52.7	99.9	245.6	45.9*	41.8	19.0	361.1	999.9	99.9	999.9	64.1	68.
48.0	114.0	12266.0	174.0	-53.2	99.9	241.7	49.9*	43.9	23.7	362.7	999.9	99.9	999.9	66.3	68.
48.6	115.0	12415.6	170.0	-54.0	99.9	240.9	47.8*	41.7	23.3	363.8	999.9	99.9	999.9	67.9	68.
49.3	116.0	12568.8	166.0	-52.9	99.9	244.0	47.9*	43.1	21.0	368.2	999.9	99.9	999.9	69.7	68.
49.7	117.0	12726.2	162.0	-52.9	99.9	246.1	47.7*	43.6	19.3	370.7	999.9	99.9	999.9	71.0	68.
50.1	118.0	12887.1	158.0	-54.0	99.9	247.8	46.8*	43.3	17.6	371.5	999.9	99.9	999.9	72.3	68.
50.5	119.0	13010.0	155.0	-54.5	99.9	249.2	46.4*	43.3	16.5	372.7	999.9	99.9	999.9	73.0	68.
51.0	120.0	13177.4	151.0	-54.5	99.9	249.5	47.7*	44.7	16.7	375.5	999.9	99.9	999.9	74.6	68.
51.5	121.0	13305.9	148.0	-54.5	99.9	249.4	46.3*	43.3	16.3	377.6	999.9	99.9	999.9	76.1	68.
52.1	122.0	13481.4	144.0	-54.7	99.9	249.9	40.4*	37.9	13.9	380.3	999.9	99.9	999.9	77.8	68.
52.7	123.0	13616.2	141.0	-54.5	99.9	249.6	36.7*	34.3	12.8	382.9	999.9	99.9	999.9	78.9	68.
53.3	124.0	13754.1	138.0	-53.8	99.9	248.4	34.7*	32.3	12.8	386.4	999.9	99.9	999.9	80.2	68.
54.0	125.0	13942.9	134.0	-54.2	99.9	247.5	32.0*	29.5	12.2	389.1	999.9	99.9	999.9	82.1	68.
54.6	126.0	14137.1	130.0	-54.7	99.9	246.2	35.4*	32.4	14.3	391.6	999.9	99.9	999.9	82.5	68.
55.3	127.0	14286.5	127.0	-54.7	99.9	244.5	36.7*	33.1	15.8	394.2	999.9	99.9	999.9	84.6	68.
55.8	128.0	14439.5	124.0	-54.7	99.9	243.8	34.0*	30.5	15.0	396.9	999.9	99.9	999.9	85.8	68.
56.4	129.0	14595.9	121.0	-55.5	99.9	245.1	41.6*	37.8	17.5	398.2	999.9	99.9	999.9	86.0	68.
56.9	130.0	14756.0	118.0	-55.5	99.9	246.3	52.6*	48.2	21.2	401.1	999.9	99.9	999.9	88.2	68.
57.6	131.0	14975.7	114.0	-55.7	99.9	245.4	49.8*	45.3	20.7	404.7	999.9	99.9	999.9	90.7	68.
58.1	132.0	15145.4	111.0	-56.3	99.9	243.5	37.7*	33.8	16.8	406.6	999.9	99.9	999.9	91.8	68.
58.8	133.0	15319.2	108.0	-56.7	99.9	242.7	24.2*	21.5	11.1	409.1	999.9	99.9	999.9	93.1	67.
59.5	134.0	15497.8	105.0	-56.9	99.9	245.1	29.8*	27.0	12.5	412.1	999.9	99.9	999.9	93.8	67.
60.2	135.0	15681.7	102.0	-56.2	99.9	246.7	38.4*	35.2	15.2	416.8	999.9	99.9	999.9	95.6	67.
61.2	136.0	15871.5	99.0	-56.0	99.9	247.4	38.7*	35.7	14.9	420.7	999.9	99.9	999.9	97.4	67.
62.1	137.0	16067.3	96.0	-56.0	99.9	247.9	43.7*	40.5	15.5	424.5	999.9	99.9	999.9	100.2	67.
62.9	138.0	16338.0	92.0	-56.0	99.9	252.7	28.4*	27.1	8.4	429.7	999.9	99.9	999.9	102.7	67.
63.6	139.0	16548.6	89.0	-56.5	99.9	258.5	25.0*	24.5	5.0	432.7	999.9	99.9	999.9	102.2	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518  
ALBANY, N Y

7 FEBRUARY 1975  
1115 GMT

155 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.2	140.0	16765.9	86.0	-57.0	99.9	255.0	36.1*	34.9	9.4	436.0	999.9	99.9	999.9	103.9	68.
64.8	141.0	16990.0	83.0	-58.4	99.9	252.9	45.0*	43.0	13.2	437.6	999.9	99.9	999.9	105.3	68.
65.4	142.0	17300.3	79.0	-59.0	99.9	254.0	40.8*	39.2	11.3	442.7	999.9	99.9	999.9	107.4	68.
66.3	143.0	17542.7	76.0	-59.9	99.9	261.2	25.0*	24.7	3.8	445.8	999.9	99.9	999.9	108.9	68.
67.7	144.0	17794.7	73.0	-59.1	99.9	256.6	30.6*	29.8	7.1	452.4	999.9	99.9	999.9	110.5	68.
68.8	145.0	18058.3	70.0	-58.2	99.9	251.9	38.9*	37.0	12.1	459.8	999.9	99.9	999.9	113.3	68.
69.5	146.0	18333.6	67.0	-59.0	99.9	248.6	34.7*	32.4	12.7	464.1	999.9	99.9	999.9	114.8	68.
70.4	147.0	18621.1	64.0	-58.8	99.9	246.7	32.3*	29.7	12.8	470.6	999.9	99.9	999.9	116.5	68.
71.3	148.0	18922.5	61.0	-59.0	99.9	248.6	30.4*	28.3	11.1	476.7	999.9	99.9	999.9	118.3	68.
72.4	149.0	19239.2	58.0	-58.6	99.9	259.0	26.6*	26.1	5.1	484.4	999.9	99.9	999.9	120.2	68.
73.8	150.0	19572.5	55.0	-59.1	99.9	253.9	28.7*	27.5	7.9	490.6	999.9	99.9	999.9	122.2	69.
74.8	151.0	19923.4	52.0	-60.0	99.9	247.0	25.0*	23.0	9.8	496.4	999.9	99.9	999.9	124.3	69.
75.7	152.0	20293.2	49.0	-61.3	99.9	241.8	24.7*	21.7	11.7	501.9	999.9	99.9	999.9	125.0	69.
76.9	153.0	20684.2	46.0	-62.5	99.9	244.0	35.6*	32.0	13.6	508.3	999.9	99.9	999.9	127.4	68.
77.9	154.0	21099.2	43.0	-63.6	99.9	246.2	36.1*	33.0	14.6	515.3	999.9	99.9	999.9	129.7	68.
79.2	155.0	21542.5	40.0	-64.2	99.9	244.2	28.0*	25.2	12.2	524.6	999.9	99.9	999.9	132.2	68.
81.2	156.0	22022.5	37.0	-61.7	99.9	244.9	22.7*	20.6	9.7	542.9	999.9	99.9	999.9	135.1	68.
82.7	157.0	22366.8	35.0	-61.5	99.9	256.7	30.4*	29.5	7.0	552.1	999.9	99.9	999.9	137.2	68.
84.1	158.0	22921.1	32.0	-62.5	99.9	999.9	99.9	99.9	99.9	563.9	999.9	99.9	999.9	999.9	999.
85.6	159.0	23524.9	29.0	-65.0	99.9	999.9	99.9	99.9	99.9	572.9	999.9	99.9	999.9	999.9	999.

STATION NO. 520  
PITTSBURG, PA

5 FEBRUARY 1975  
2315 GMT

117 99. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	359.0	963.2	2.7	2.4	255.0	2.6	2.5	0.7	279.4	291.6	4.7	98.0	0.0	0.
0.2	8.0	436.8	954.0	3.2	3.2	74.9	3.6	-3.4	-0.9	280.7	293.7	5.1	99.9	0.3	75.
0.6	9.0	539.5	942.0	2.7	2.7	75.7	2.8	-2.7	-0.7	281.2	294.0	4.9	100.8	0.2	75.
1.0	10.0	643.4	930.0	2.4	2.4	200.1	0.2	0.1	0.2	281.9	294.6	4.9	100.5	0.2	76.
1.4	11.0	774.9	915.0	2.2	2.2	245.9	3.3	3.0	1.3	283.1	295.9	4.9	100.7	0.2	73.
1.7	12.0	881.7	903.0	2.0	2.0	242.8	4.3	3.8	2.0	284.0	296.8	4.9	100.7	0.3	71.
2.1	13.0	989.6	891.0	0.9	0.9	236.0	5.0	4.1	2.8	283.8	295.9	4.6	101.3	0.4	69.
2.5	14.0	1089.6	880.0	0.8	0.8	230.7	6.5	5.0	4.1	284.7	296.8	4.6	101.0	0.5	65.
2.7	15.0	1209.3	867.0	0.6	0.6	229.2	6.7	5.1	4.4	285.7	297.9	4.6	100.5	0.6	63.
3.2	16.0	1340.1	853.0	0.3	0.3	225.6	7.1	5.0	4.9	286.7	298.9	4.6	100.4	0.8	59.
3.6	17.0	1444.3	842.0	-0.2	-0.2	223.7	7.4	5.1	5.3	287.3	299.2	4.5	100.3	1.0	57.
3.9	18.0	1559.3	830.0	-0.5	-0.5	224.6	7.9	5.5	5.6	288.1	300.0	4.4	100.3	1.1	55.
4.1	19.0	1656.3	820.0	-0.7	-0.7	225.2	8.1	5.8	5.7	288.9	300.9	4.4	100.3	1.2	54.
4.6	20.0	1764.4	809.0	-0.8	-0.8	226.2	8.5	6.2	5.9	289.9	301.9	4.5	100.0	1.5	53.
5.1	21.0	1914.1	794.0	-0.7	-0.7	224.4	9.2	6.4	6.5	291.6	304.1	4.6	100.0	1.7	52.
5.4	22.0	2025.7	783.0	-0.8	-0.8	223.0	9.1	6.2	6.7	292.6	305.2	4.6	100.0	1.9	51.
5.8	23.0	2128.5	773.0	-1.0	-1.0	221.2	9.3	6.1	7.0	293.5	306.1	4.6	100.0	2.1	50.
6.2	24.0	2242.9	762.0	-1.9	-2.0	219.7	10.0	6.4	7.7	293.7	305.7	4.4	99.8	2.4	49.
6.6	25.0	2358.6	751.0	-2.2	-2.3	219.1	10.7	6.8	8.3	294.6	306.5	4.3	99.8	2.6	48.
7.0	26.0	2497.3	738.0	-3.2	-3.2	219.6	10.6	6.8	8.2	295.0	306.4	4.1	99.7	2.9	47.
7.3	27.0	2605.3	728.0	-3.9	-4.0	219.2	10.5	6.7	8.2	295.3	306.2	3.9	99.8	3.1	47.
7.7	28.0	2725.4	717.0	-5.0	-5.7	218.3	10.4	6.4	8.1	295.4	305.2	3.5	94.9	3.3	46.
8.1	29.0	2835.8	707.0	-5.6	-6.3	217.0	10.1	6.1	8.1	295.9	305.4	3.4	95.0	3.5	46.
8.4	30.0	2947.5	697.0	-6.3	-7.0	216.2	9.9	5.8	8.0	296.2	305.4	3.2	94.9	3.7	45.
8.8	31.0	3072.0	686.0	-6.8	-7.3	216.8	9.2	5.5	7.4	297.1	306.2	3.2	96.1	4.0	45.
9.1	32.0	3186.6	676.0	-7.5	-8.0	218.2	8.6	5.3	6.8	297.5	306.3	3.1	96.6	4.1	44.
9.5	33.0	3302.6	666.0	-8.3	-8.7	221.9	7.9	5.3	5.8	297.9	306.4	3.0	96.2	4.3	44.
9.9	34.0	3408.3	657.0	-8.7	-9.0	226.7	7.8	5.7	5.3	298.6	307.0	2.9	97.7	4.5	44.
10.2	35.0	3527.1	647.0	-9.4	-9.9	230.4	8.0	6.1	5.1	299.0	307.1	2.8	96.3	4.6	44.
10.7	36.0	3671.8	635.0	-10.0	-10.4	236.2	8.6	7.1	4.8	300.0	307.9	2.7	96.4	4.9	45.
11.0	37.0	3794.1	625.0	-11.1	-11.7	239.4	9.0	7.7	4.6	300.0	307.3	2.5	95.2	5.0	45.
11.4	38.0	3905.4	616.0	-12.0	-12.8	242.9	9.7	8.7	4.4	300.2	307.1	2.3	93.9	5.2	46.
11.8	39.0	4018.0	607.0	-12.7	-14.0	245.0	10.6	9.6	4.5	300.7	307.0	2.1	89.7	5.5	47.
12.1	40.0	4131.9	598.0	-13.8	-15.2	245.8	11.2	10.3	4.6	300.6	306.5	2.0	89.4	5.6	47.
12.6	41.0	4285.8	586.0	-14.8	-16.1	245.9	12.3	11.2	5.0	301.2	306.7	1.8	89.2	6.0	48.
13.0	42.0	4402.9	577.0	-15.5	-16.9	245.2	13.1	11.9	5.5	301.7	307.0	1.8	88.8	6.3	49.
13.4	43.0	4521.4	568.0	-16.6	-18.2	244.1	14.0	12.6	6.1	301.8	306.6	1.6	87.2	6.6	50.
13.7	44.0	4641.4	559.0	-17.3	-18.9	243.4	14.6	13.1	6.5	302.4	307.0	1.5	87.3	6.8	51.
14.1	45.0	4762.9	550.0	-18.1	-19.7	242.8	15.3	13.6	7.0	302.8	307.2	1.5	87.0	7.2	51.
14.4	46.0	4886.1	541.0	-18.9	-20.5	242.9	15.6	13.9	7.1	303.2	307.4	1.4	86.8	7.5	52.
14.8	47.0	5010.9	532.0	-19.8	-21.5	243.5	15.6	13.9	6.9	303.5	307.5	1.3	86.3	7.9	52.
15.1	48.0	5137.4	523.0	-20.8	-22.5	244.0	15.5	14.0	6.8	303.9	307.6	1.2	85.6	8.1	52.
15.5	49.0	5251.2	515.0	-21.7	-23.7	244.3	15.6	14.0	6.7	304.1	307.5	1.1	83.9	8.5	53.
15.9	50.0	5366.4	507.0	-22.3	-24.2	243.1	16.0	14.3	7.3	304.8	308.1	1.1	83.8	8.8	54.
16.2	51.0	5512.6	497.0	-23.5	-25.5	241.5	16.4	14.4	7.8	305.0	308.1	1.0	83.4	9.1	54.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

5 FEBRUARY 1975  
2315 GMT

117 99. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.7	52.0	5646.0	488.0	-24.7	-26.8	237.9	16.9	14.3	9.0	305.1	307.9	0.9	82.4	9.6	54.
17.0	53.0	5766.1	480.0	-25.6	-27.7	235.4	17.1	14.1	9.7	305.4	308.0	0.8	82.7	10.0	54.
17.5	54.0	5887.8	472.0	-26.5	-28.5	231.6	17.9	14.0	11.1	305.7	308.2	0.8	82.6	10.4	54.
17.8	55.0	6011.1	464.0	-27.5	-29.5	230.2	18.6	14.3	11.9	306.1	308.3	0.7	81.5	10.8	54.
18.2	56.0	6167.5	454.0	-28.8	-31.1	228.8	19.7	14.8	13.0	306.3	308.3	0.6	80.3	11.3	54.
18.7	57.0	6294.5	446.0	-29.9	-32.5	227.8	21.2	15.7	14.2	306.5	308.3	0.6	77.5	11.8	54.
19.0	58.0	6407.1	439.0	-30.9	-33.8	227.5	22.2	16.3	15.0	306.5	308.2	0.5	75.6	12.2	53.
19.4	59.0	6537.4	431.0	-31.6	-34.6	227.3	23.2	17.0	15.7	307.3	308.8	0.5	74.5	12.8	53.
19.8	60.0	6653.0	424.0	-32.8	-37.0	227.6	23.5	17.3	15.8	307.2	308.4	0.4	65.7	13.4	53.
20.1	61.0	6786.9	416.0	-33.7	-38.3	228.0	23.6	17.5	15.8	307.6	308.7	0.3	59.6	13.8	53.
20.6	62.0	6905.6	409.0	-35.0	-40.2	229.4	24.0	18.2	15.6	307.6	308.5	0.3	58.2	14.4	52.
20.9	63.0	7043.2	401.0	-35.9	-40.4	230.5	24.6	18.9	15.6	308.1	309.0	0.3	62.9	14.9	52.
21.2	64.0	7165.2	394.0	-37.1	-41.6	231.4	25.0	19.5	15.6	308.0	308.9	0.2	62.8	15.4	52.
21.6	65.0	7288.9	387.0	-38.2	-42.9	232.1	25.2	19.9	15.5	308.2	308.9	0.2	60.8	16.0	52.
22.1	66.0	7432.2	379.0	-39.9	-44.7	232.1	24.9	19.6	15.3	307.8	308.5	0.2	59.4	16.7	52.
22.5	67.0	7577.6	371.0	-41.0	99.9	231.8	24.5	19.3	15.1	308.3	999.9	99.9	999.9	17.3	52.
22.8	68.0	7706.7	364.0	-42.5	99.9	231.7	24.3	19.1	15.1	307.9	999.9	99.9	999.9	17.8	52.
23.2	69.0	7837.5	357.0	-43.8	99.9	231.3	24.4	19.0	15.2	307.9	999.9	99.9	999.9	18.4	52.
23.6	70.0	7951.1	351.0	-45.0	99.9	230.5	24.8	19.1	15.8	307.8	999.9	99.9	999.9	18.9	52.
24.1	71.0	8104.7	343.0	-46.4	99.9	229.1	26.2	19.8	17.2	307.9	999.9	99.9	999.9	19.6	52.
24.4	72.0	8241.2	336.0	-47.6	99.9	228.8	27.3	20.5	18.0	308.1	999.9	99.9	999.9	20.2	52.
24.8	73.0	8360.0	330.0	-48.5	99.9	229.9	29.3	22.4	18.8	308.5	999.9	99.9	999.9	20.8	52.
25.2	74.0	8480.4	324.0	-49.7	99.9	232.0	31.7	25.0	19.5	308.4	999.9	99.9	999.9	21.5	52.
25.6	75.0	8623.4	317.0	-49.7	99.9	234.3	34.5	28.0	20.1	310.3	999.9	99.9	999.9	22.3	52.
26.0	76.0	8748.4	311.0	-49.7	99.9	236.2	37.4	31.1	20.8	312.0	999.9	99.9	999.9	23.1	52.
26.4	77.0	8875.9	305.0	-49.7	99.9	237.7	40.4	34.2	21.6	313.8	999.9	99.9	999.9	24.1	52.
26.9	78.0	9005.9	299.0	-49.7	99.9	238.9	44.6	38.2	23.0	315.6	999.9	99.9	999.9	25.3	53.
27.4	79.0	9138.6	293.0	-49.7	99.9	239.2	48.8	42.0	25.0	317.4	999.9	99.9	999.9	26.7	53.
27.7	80.0	9273.9	287.0	-49.9	99.9	239.0	50.9	43.7	26.2	319.1	999.9	99.9	999.9	27.7	53.
28.3	81.0	9435.2	280.0	-50.5	99.9	238.4	53.9	45.9	28.2	320.4	999.9	99.9	999.9	29.6	54.
28.7	82.0	9576.2	274.0	-51.1	99.9	238.5	55.0	46.9	28.7	321.5	999.9	99.9	999.9	30.9	54.
29.2	83.0	9720.2	268.0	-51.3	99.9	239.2	55.8	47.9	28.6	323.3	999.9	99.9	999.9	32.6	54.
29.5	84.0	9842.6	263.0	-51.1	99.9	239.8	56.2	48.5	28.3	325.3	999.9	99.9	999.9	33.6	54.
30.0	85.0	9967.4	258.0	-51.1	99.9	240.4	57.4	49.9	28.4	327.1	999.9	99.9	999.9	35.2	54.
30.5	86.0	10146.9	251.0	-49.7	99.9	240.5	57.8	50.2	28.5	331.8	999.9	99.9	999.9	37.0	55.
30.9	87.0	10304.9	245.0	-50.5	99.9	240.3	55.8	48.4	27.7	332.9	999.9	99.9	999.9	38.5	55.
31.4	88.0	10439.4	240.0	-50.7	99.9	240.4	52.8	45.9	26.1	334.6	999.9	99.9	999.9	40.0	55.
31.8	89.0	10576.6	235.0	-50.7	99.9	241.3	51.7	45.3	24.8	336.7	999.9	99.9	999.9	41.2	55.
32.3	90.0	10716.6	230.0	-51.1	99.9	243.1	52.4	46.7	23.7	338.0	999.9	99.9	999.9	42.7	55.
32.6	91.0	10859.2	225.0	-51.9	99.9	244.4	53.9	48.6	23.3	339.0	999.9	99.9	999.9	43.6	56.
33.1	92.0	11004.6	220.0	-52.7	99.9	246.3	57.5	52.6	23.1	339.9	999.9	99.9	999.9	45.2	56.
33.5	93.0	11152.9	215.0	-53.0	99.9	247.7	60.2	55.7	22.9	341.7	999.9	99.9	999.9	46.7	56.
33.9	94.0	11304.5	210.0	-53.5	99.9	248.9	60.9	56.8	21.9	343.2	999.9	99.9	999.9	48.2	57.
34.4	95.0	11459.4	205.0	-53.8	99.9	250.1	59.0	55.5	20.1	345.1	999.9	99.9	999.9	49.9	57.
34.8	96.0	11618.1	200.0	-53.7	99.9	249.2	55.6	52.0	19.8	347.8	999.9	99.9	999.9	51.4	58.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 520  
PITTSBURGH, PA

5 FEBRUARY 1975  
2315 GMT

117 99. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.4	97.0	11780.8	195.0	-53.7	99.9	238.4	49.4	42.0	25.9	350.3	999.9	99.9	999.9	53.2	58.
35.8	98.0	11914.1	191.0	-53.7	99.9	222.6	48.3	32.7	35.6	352.4	999.9	99.9	999.9	54.3	58.
36.2	99.0	12084.6	186.0	-53.7	99.9	213.4	49.4	27.2	41.2	355.1	999.9	99.9	999.9	55.4	58.
36.7	100.0	12224.7	182.0	-52.7	99.9	225.9	45.9	32.9	32.0	358.9	999.9	99.9	999.9	56.7	56.
37.2	101.0	12404.5	177.0	-52.9	99.9	261.0	50.9	50.3	8.0	361.5	999.9	99.9	999.9	58.0	56.
37.6	102.0	12589.3	172.0	-52.9	99.9	276.1	61.8	61.4	-6.5	364.4	999.9	99.9	999.9	59.2	58.
38.0	103.0	12740.9	168.0	-53.5	99.9	275.8	62.8	62.5	-6.4	365.8	999.9	99.9	999.9	60.4	59.
38.4	104.0	12895.6	164.0	-54.5	99.9	265.1	54.1	53.9	4.6	366.7	999.9	99.9	999.9	61.6	60.
38.7	105.0	13053.5	160.0	-55.2	99.9	257.4	48.7	47.5	10.6	368.2	999.9	99.9	999.9	62.6	60.
39.1	106.0	13214.8	156.0	-56.2	99.9	248.6	43.5	40.5	15.9	369.1	999.9	99.9	999.9	63.7	60.
39.7	107.0	13338.0	153.0	-57.0	99.9	244.4	43.1	38.9	18.6	369.7	999.9	99.9	999.9	64.9	60.
40.1	108.0	13505.7	149.0	-57.0	99.9	244.1	45.9	41.2	20.0	372.6	999.9	99.9	999.9	65.9	60.
40.4	109.0	13678.0	145.0	-57.0	99.9	244.6	47.4	42.8	20.4	375.5	999.9	99.9	999.9	67.0	60.
40.9	110.0	13855.1	141.0	-56.9	99.9	246.2	46.1	42.2	18.6	378.8	999.9	99.9	999.9	68.5	60.
41.5	111.0	14037.6	137.0	-56.5	99.9	249.5	42.9	40.2	15.0	382.5	999.9	99.9	999.9	69.9	60.
41.8	112.0	14177.9	134.0	-57.0	99.9	251.7	42.3	40.1	13.3	384.0	999.9	99.9	999.9	70.7	60.
42.3	113.0	14369.4	130.0	-57.9	99.9	255.3	40.8	39.4	10.3	385.8	999.9	99.9	999.9	72.0	61.
42.8	114.0	14516.4	127.0	-58.4	99.9	257.9	38.3	37.5	8.0	387.5	999.9	99.9	999.9	73.1	61.
43.2	115.0	14666.5	124.0	-59.3	99.9	258.3	36.5	35.8	7.4	388.5	999.9	99.9	999.9	74.0	61.
43.8	116.0	14871.6	120.0	-59.9	99.9	255.3	35.9	34.8	9.1	391.2	999.9	99.9	999.9	75.1	61.
44.1	117.0	15029.4	117.0	-60.8	99.9	252.7	36.6	34.9	10.9	392.3	999.9	99.9	999.9	75.7	62.
44.5	118.0	15190.8	114.0	-61.5	99.9	248.3	38.2	35.5	14.1	393.9	999.9	99.9	999.9	76.6	62.
44.9	119.0	15355.8	111.0	-62.1	99.9	249.6	39.5	37.0	13.8	395.8	999.9	99.9	999.9	77.6	62.
45.2	120.0	15582.3	107.0	-62.8	99.9	999.9	99.9	99.9	99.9	398.5	999.9	99.9	999.9	999.9	999.
45.6	121.0	15698.5	105.0	-63.2	99.9	999.9	99.9	99.9	99.9	399.9	999.9	99.9	999.9	999.9	999.
46.1	122.0	15880.6	102.0	-54.0	99.9	999.9	99.9	99.9	99.9	421.0	999.9	99.9	999.9	999.9	999.
46.5	123.0	16072.4	99.0	-53.7	99.9	999.9	99.9	99.9	99.9	425.2	999.9	99.9	999.9	999.9	999.

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
515 GMT

160 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	359.0	961.7	1.0	-1.7	230.0	2.6	2.0	1.7	277.7	286.8	3.5	82.0	0.0	0.
0.1	8.0	364.9	961.0	2.1	-0.4	245.3	12.1	11.0	5.0	278.9	288.9	3.9	83.0	0.3	69.
0.3	9.0	466.4	949.0	1.6	1.6	245.3	12.1	11.0	5.0	279.5	291.2	4.5	99.7	0.3	69.
0.6	10.0	560.5	938.0	1.8	1.6	247.4	11.8	10.9	4.6	280.6	292.7	4.7	100.2	0.4	69.
1.0	11.0	681.7	924.0	0.8	0.0	256.4	11.2	10.9	2.6	280.8	292.2	4.4	100.6	0.7	67.
1.4	12.0	778.0	913.0	0.4	0.4	264.5	11.0	11.0	1.1	281.3	292.5	4.3	101.0	0.9	73.
1.8	13.0	875.3	902.0	0.2	0.2	264.6	11.4	11.3	1.1	282.1	293.3	4.3	100.9	1.2	76.
2.1	14.0	973.8	891.0	0.0	0.0	263.9	11.8	11.7	1.3	282.9	294.2	4.3	99.9	1.4	77.
2.4	15.0	1064.3	881.0	-0.4	-0.4	265.3	12.1	12.1	1.0	283.3	294.4	4.2	100.3	1.6	78.
2.8	16.0	1192.5	867.0	-0.8	-0.8	268.6	12.9	12.9	0.3	284.3	295.3	4.2	100.8	1.9	79.
3.1	17.0	1285.2	857.0	-1.4	-1.4	271.0	13.6	13.6	-0.2	284.5	295.2	4.0	100.7	2.1	81.
3.4	18.0	1388.2	846.0	-1.7	-1.7	272.7	14.1	14.1	-0.7	285.2	295.9	4.0	100.4	2.4	82.
3.7	19.0	1482.9	836.0	-2.2	-2.2	274.1	14.0	14.0	-1.0	285.7	296.1	3.9	100.6	2.6	83.
4.0	20.0	1578.6	826.0	-2.3	-2.3	275.3	13.6	13.6	-1.3	286.5	297.0	3.9	100.5	2.9	84.
4.5	21.0	1704.6	813.0	-2.9	-3.0	272.4	14.8	14.8	-0.6	287.2	297.4	3.8	99.9	3.3	85.
4.8	22.0	1802.7	803.0	-3.4	-3.5	270.4	16.0	16.0	-0.1	287.7	297.6	3.7	99.4	3.5	86.
5.1	23.0	1901.8	793.0	-3.9	-3.9	269.1	16.6	16.6	0.3	288.2	298.0	3.6	100.3	3.8	86.
5.4	24.0	2002.0	783.0	-4.5	-4.5	268.6	16.3	16.3	0.4	288.6	298.1	3.5	99.9	4.2	86.
5.7	25.0	2093.1	774.0	-4.9	-4.5	268.4	16.6	16.6	0.5	288.0	298.4	3.4	100.1	4.4	86.
6.1	26.0	2215.9	762.0	-5.8	-5.8	268.2	17.5	17.5	0.6	289.3	298.2	3.2	100.0	4.8	87.
6.4	27.0	2319.4	752.0	-6.4	-6.4	267.7	18.3	18.3	0.7	289.8	298.4	3.1	99.9	5.2	87.
6.8	28.0	2424.1	742.0	-6.9	-6.9	266.2	18.3	18.3	1.2	290.4	298.9	3.1	100.1	5.6	87.
7.1	29.0	2519.3	733.0	-7.5	-7.6	264.7	18.2	18.1	1.7	290.7	298.9	3.0	99.2	5.9	87.
7.5	30.0	2615.5	724.0	-8.2	-8.3	262.3	18.3	18.1	2.5	290.9	298.8	2.8	99.6	6.4	87.
7.8	31.0	2723.6	714.0	-8.2	-8.3	260.4	18.4	18.1	3.1	292.1	300.1	2.9	98.9	6.7	86.
8.1	32.0	2822.1	705.0	-8.8	-8.8	258.8	18.5	18.1	3.6	292.5	300.3	2.8	99.5	7.0	86.
8.4	33.0	2921.7	696.0	-9.4	-9.5	257.9	18.6	18.2	3.9	292.9	300.5	2.7	99.2	7.3	85.
8.8	34.0	3022.3	687.0	-10.1	-10.2	258.0	18.7	18.3	3.9	293.2	300.4	2.5	98.6	7.8	85.
9.1	35.0	3123.9	678.0	-10.8	-11.0	258.5	18.8	18.4	3.7	293.5	300.4	2.4	98.4	8.2	85.
9.5	36.0	3249.6	667.0	-11.4	-11.6	259.7	18.7	18.4	3.3	294.2	300.9	2.4	98.4	8.6	84.
9.9	37.0	3353.8	658.0	-12.1	-12.3	260.7	18.6	18.4	3.0	294.5	301.0	2.3	98.2	9.0	84.
10.2	38.0	3459.1	649.0	-13.1	-13.4	261.3	18.4	18.2	2.8	294.5	300.6	2.1	97.4	9.4	84.
10.5	39.0	3553.6	641.0	-13.5	-13.7	262.0	18.1	17.9	2.5	295.1	301.1	2.1	98.0	9.7	84.
10.8	40.0	3661.1	632.0	-14.2	-14.0	262.9	17.5	17.4	2.2	295.5	301.1	1.9	95.2	10.1	84.
11.3	41.0	3782.0	622.0	-15.0	-15.8	264.4	16.9	16.8	1.7	295.9	301.1	1.8	94.1	10.5	84.
11.6	42.0	3892.2	613.0	-15.7	-16.5	264.9	16.8	16.7	1.5	296.3	301.3	1.7	93.6	10.8	84.
11.9	43.0	3978.8	606.0	-16.4	-17.2	264.8	17.0	16.9	1.5	296.5	301.3	1.6	93.3	11.1	84.
12.2	44.0	4078.6	598.0	-17.4	-18.2	263.8	17.2	17.1	1.9	296.5	301.0	1.5	93.4	11.4	84.
12.5	45.0	4192.2	589.0	-18.0	-18.7	262.3	17.3	17.2	2.3	297.0	301.4	1.5	94.6	11.8	84.
12.9	46.0	4294.3	581.0	-18.7	-19.2	260.1	17.5	17.2	3.0	297.3	301.6	1.4	95.6	12.2	84.
13.2	47.0	4397.6	573.0	-19.4	-20.0	259.2	17.8	17.5	3.3	297.7	301.8	1.4	95.2	12.5	84.
13.5	48.0	4488.9	566.0	-20.1	-20.6	258.6	18.2	17.8	3.6	297.9	301.9	1.3	95.3	12.8	84.
13.8	49.0	4607.7	557.0	-20.9	-21.6	258.6	18.6	18.3	3.7	298.3	302.0	1.2	93.8	13.1	84.
14.1	50.0	4701.0	550.0	-22.0	-23.1	258.7	19.0	18.7	3.7	298.1	301.4	1.1	90.3	13.5	83.
14.5	51.0	4822.3	541.0	-22.5	-24.0	258.7	19.4	19.1	3.8	298.9	302.0	1.0	87.0	13.9	83.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
515 GMT

160 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.8	52.0	4931.6	533.0	-23.3	-25.3	258.4	19.5	19.1	3.9	299.2	302.0	0.9	83.0	14.3	83.
15.1	53.0	5028.2	526.0	-24.1	-26.4	257.9	19.3	18.9	4.0	299.4	302.0	0.8	81.3	14.7	83.
15.4	54.0	5139.9	518.0	-24.8	-27.2	257.2	18.9	18.4	4.2	299.9	302.3	0.8	80.0	15.0	83.
15.7	55.0	5238.8	511.0	-25.7	-28.1	256.5	18.3	17.8	4.3	299.9	302.2	0.7	79.7	15.3	83.
16.0	56.0	5367.4	502.0	-26.7	-29.2	255.7	17.7	17.1	4.4	300.1	302.2	0.7	79.3	15.7	83.
16.4	57.0	5468.5	495.0	-27.8	-30.0	254.8	17.3	16.7	4.5	300.0	302.0	0.6	81.2	16.0	82.
16.7	58.0	5570.7	488.0	-28.7	-30.5	253.9	17.4	16.7	4.8	300.1	302.1	0.6	84.9	16.3	82.
17.0	59.0	5674.1	481.0	-29.4	-31.1	252.9	17.6	16.9	5.2	300.5	302.4	0.6	84.7	16.7	82.
17.3	60.0	5778.6	474.0	-30.5	-32.3	251.9	17.8	17.0	5.5	300.5	302.2	0.5	83.8	17.0	82.
17.6	61.0	5884.1	467.0	-31.4	-33.3	251.0	17.9	17.0	5.9	300.6	302.2	0.5	83.2	17.3	82.
17.9	62.0	5990.9	460.0	-32.4	-34.6	250.2	17.9	16.8	6.1	300.6	302.0	0.4	81.1	17.6	82.
18.2	63.0	6098.8	453.0	-33.4	-35.5	249.6	17.8	16.6	6.2	300.7	302.0	0.4	80.7	17.9	81.
18.6	64.0	6192.3	447.0	-34.2	-37.4	249.0	17.6	16.4	6.3	300.8	301.9	0.3	72.5	18.3	81.
18.8	65.0	6302.6	440.0	-35.3	-39.1	249.0	17.4	16.3	6.3	300.8	301.8	0.3	67.7	18.6	81.
19.2	66.0	6430.2	432.0	-36.2	-40.4	249.1	17.2	16.1	6.1	301.2	302.1	0.3	64.5	19.0	81.
19.5	67.0	6543.3	425.0	-37.4	-41.4	249.5	17.1	16.0	6.0	301.1	301.8	0.2	65.7	19.3	80.
19.9	68.0	6641.3	419.0	-38.5	-42.3	250.1	17.8	16.8	6.1	300.9	301.6	0.2	67.2	19.6	80.
20.1	69.0	6756.8	412.0	-39.5	-44.4	250.1	18.6	17.5	6.3	301.1	301.7	0.2	58.7	19.9	80.
20.4	70.0	6857.1	406.0	-40.1	99.9	249.9	20.3	19.0	7.0	301.5	999.9	99.9	999.9	20.2	80.
20.9	71.0	6992.9	398.0	-40.1	99.9	249.9	24.2	22.7	8.3	303.3	999.9	99.9	999.9	20.8	80.
21.2	72.0	7079.2	393.0	-40.1	99.9	250.4	26.8	25.3	9.0	304.4	999.9	99.9	999.9	21.2	79.
21.5	73.0	7201.7	386.0	-40.8	99.9	251.1	29.4	27.8	9.5	305.0	999.9	99.9	999.9	21.8	79.
21.8	74.0	7290.3	381.0	-41.4	99.9	252.0	31.8	30.2	9.8	305.4	999.9	99.9	999.9	22.3	79.
22.1	75.0	7416.0	374.0	-42.0	99.9	252.6	34.2	32.6	10.2	306.3	999.9	99.9	999.9	22.9	79.
22.4	76.0	7525.5	368.0	-42.4	99.9	253.0	36.7	35.1	10.7	307.2	999.9	99.9	999.9	23.6	79.
22.7	77.0	7617.8	363.0	-42.9	99.9	252.9	39.6	37.8	11.7	307.6	999.9	99.9	999.9	24.2	79.
23.0	78.0	7730.0	357.0	-43.6	99.9	252.6	42.7	40.7	12.8	308.1	999.9	99.9	999.9	24.8	78.
23.3	79.0	7843.9	351.0	-43.8	99.9	251.7	46.0	43.7	14.4	309.4	999.9	99.9	999.9	25.7	78.
23.6	80.0	7940.3	346.0	-44.1	99.9	250.9	49.1	46.4	16.1	310.3	999.9	99.9	999.9	26.6	78.
24.1	81.0	8077.3	339.0	-44.5	99.9	249.3	52.9	49.5	18.7	311.6	999.9	99.9	999.9	28.2	78.
24.4	82.0	8176.6	334.0	-45.2	99.9	248.6	54.3	50.5	19.8	311.9	999.9	99.9	999.9	29.1	77.
24.7	83.0	8297.5	328.0	-45.9	99.9	247.9	55.3	51.2	20.8	312.5	999.9	99.9	999.9	30.1	77.
25.1	84.0	8399.6	323.0	-46.4	99.9	247.3	56.5	52.1	21.8	313.3	999.9	99.9	999.9	31.4	77.
25.5	85.0	8503.0	318.0	-47.3	99.9	246.9	57.8	53.1	22.7	313.5	999.9	99.9	999.9	32.8	76.
25.9	86.0	8650.2	311.0	-47.7	99.9	246.9	58.6	54.0	23.0	314.9	999.9	99.9	999.9	34.1	76.
26.3	87.0	8757.1	306.0	-48.3	99.9	247.2	58.2	53.7	22.6	315.5	999.9	99.9	999.9	35.6	75.
26.7	88.0	8865.4	301.0	-49.0	99.9	247.3	57.0	52.16	22.0	315.9	999.9	99.9	999.9	37.0	75.
27.0	89.0	8975.3	296.0	-49.3	99.9	247.3	55.9	51.6	21.6	317.0	999.9	99.9	999.9	38.0	75.
27.4	90.0	9086.8	291.0	-49.8	99.9	246.8	56.0	51.45	22.1	317.9	999.9	99.9	999.9	39.2	75.
27.8	91.0	9200.1	286.0	-50.3	99.9	246.4	56.4	51.7	22.6	318.9	999.9	99.9	999.9	40.6	74.
28.1	92.0	9315.3	281.0	-49.9	99.9	246.1	56.2	51.4	22.8	320.9	999.9	99.9	999.9	41.6	74.
28.4	93.0	9409.0	277.0	-50.3	99.9	245.6	54.8	49.9	22.7	321.8	999.9	99.9	999.9	42.7	74.
28.7	94.0	9527.9	272.0	-50.6	99.9	244.7	52.9	47.9	22.6	323.0	999.9	99.9	999.9	43.7	74.
29.1	95.0	9648.7	267.0	-50.9	99.9	243.4	50.8	45.5	22.7	324.3	999.9	99.9	999.9	44.9	74.
29.5	96.0	9771.7	262.0	-51.3	99.9	242.6	50.7	45.0	23.3	325.4	999.9	99.9	999.9	45.8	73.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
515 GMT

160 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P1 DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
29.8	97.0	9896.7	257.0	-51.8	99.9	243.1	51.6	46.0	23.3	326.5	999.9	99.9	999.9	46.8	73.
30.2	98.0	10024.0	252.0	-52.3	99.9	244.0	52.7	47.3	23.1	327.6	999.9	99.9	999.9	48.2	73.
30.5	99.0	10127.4	248.0	-52.6	99.9	244.7	53.3	48.2	22.8	328.7	999.9	99.9	999.9	49.2	73.
30.9	100.0	10259.0	243.0	-52.6	99.9	245.6	54.3	49.4	22.4	330.6	999.9	99.9	999.9	50.2	72.
31.4	101.0	10393.5	238.0	-52.1	99.9	246.8	54.3	49.9	21.4	333.3	999.9	99.9	999.9	52.1	72.
31.7	102.0	10503.4	234.0	-51.5	99.9	246.9	53.2	48.9	20.9	335.8	999.9	99.9	999.9	53.1	72.
32.1	103.0	10615.5	230.0	-50.7	99.9	246.5	50.9	46.6	20.3	338.7	999.9	99.9	999.9	54.2	72.
32.6	104.0	10729.9	226.0	-50.4	99.9	245.2	48.1*	43.7	20.2	340.8	999.9	99.9	999.9	55.8	72.
33.0	105.0	10846.5	222.0	-50.3	99.9	244.7	47.1*	42.6	20.1	342.8	999.9	99.9	999.9	56.8	72.
33.5	106.0	10995.0	217.0	-50.9	99.9	244.9	48.2*	43.6	20.4	344.1	999.9	99.9	999.9	58.1	72.
33.8	107.0	11116.0	213.0	-51.3	99.9	245.2	49.8*	45.3	20.9	345.2	999.9	99.9	999.9	59.1	71.
34.1	108.0	11239.0	209.0	-51.8	99.9	245.6	51.5*	46.9	21.3	346.4	999.9	99.9	999.9	60.0	71.
34.6	109.0	11332.7	206.0	-52.1	99.9	246.3	53.4*	48.9	21.4	347.3	999.9	99.9	999.9	61.4	71.
34.9	110.0	11459.5	202.0	-52.7	99.9	246.4	53.2*	48.8	21.3	348.3	999.9	99.9	999.9	62.8	71.
35.3	111.0	11621.2	197.0	-52.9	99.9	246.3	52.6*	48.1	21.2	350.5	999.9	99.9	999.9	63.8	71.
35.7	112.0	11753.5	193.0	-53.2	99.9	246.1	52.7*	48.2	21.3	352.1	999.9	99.9	999.9	64.9	71.
36.0	113.0	11888.4	189.0	-53.1	99.9	246.2	53.5*	48.9	21.6	354.4	999.9	99.9	999.9	66.0	71.
36.4	114.0	11991.7	186.0	-52.7	99.9	245.7	53.1*	48.4	21.9	356.6	999.9	99.9	999.9	67.2	71.
36.8	115.0	12131.8	182.0	-53.4	99.9	244.6	50.7*	45.8	21.7	357.8	999.9	99.9	999.9	68.8	71.
37.3	116.0	12274.9	178.0	-53.4	99.9	243.4	47.7*	42.7	21.4	360.1	999.9	99.9	999.9	69.9	71.
37.7	117.0	12421.2	174.0	-53.2	99.9	243.5	46.0*	41.2	20.5	362.7	999.9	99.9	999.9	70.9	70.
38.1	118.0	12533.3	171.0	-53.2	99.9	244.3	43.8*	39.5	19.0	364.5	999.9	99.9	999.9	72.5	70.
38.5	119.0	12685.7	167.0	-53.4	99.9	244.6	39.8*	36.0	17.1	366.7	999.9	99.9	999.9	73.3	70.
38.9	120.0	12802.5	164.0	-53.1	99.9	243.0	38.5*	34.3	17.5	369.1	999.9	99.9	999.9	74.1	70.
39.3	121.0	12961.3	160.0	-54.0	99.9	241.2	40.0*	35.1	19.3	370.1	999.9	99.9	999.9	74.9	70.
39.7	122.0	13082.5	157.0	-55.0	99.9	239.4	41.6*	35.8	21.2	370.5	999.9	99.9	999.9	75.9	70.
40.1	123.0	13205.6	154.0	-55.8	99.9	237.5	42.0*	35.4	22.6	371.1	999.9	99.9	999.9	77.2	70.
40.5	124.0	13372.6	150.0	-57.2	99.9	235.4	41.7*	34.3	23.6	371.6	999.9	99.9	999.9	78.1	70.
41.0	125.0	13500.5	147.0	-56.8	99.9	236.7	45.2*	37.8	24.8	374.3	999.9	99.9	999.9	78.8	69.
41.5	126.0	13675.2	143.0	-57.0	99.9	240.5	48.0*	41.8	23.6	377.0	999.9	99.9	999.9	80.7	69.
42.0	127.0	13809.5	140.0	-57.0	99.9	242.8	44.0*	39.1	20.1	379.3	999.9	99.9	999.9	82.3	69.
42.4	128.0	13946.7	137.0	-56.7	99.9	242.3	40.3*	35.7	16.7	382.3	999.9	99.9	999.9	83.1	69.
42.9	129.0	14087.1	134.0	-56.7	99.9	241.2	40.1*	35.2	15.3	384.7	999.9	99.9	999.9	83.9	69.
43.4	130.0	14231.0	131.0	-55.8	99.9	241.9	43.1*	38.0	20.3	388.7	999.9	99.9	999.9	85.5	69.
44.1	131.0	14428.0	127.0	-56.7	99.9	243.5	45.6*	40.8	20.4	390.6	999.9	99.9	999.9	87.1	69.
44.5	132.0	14579.3	124.0	-57.5	99.9	242.8	44.8*	39.9	20.5	391.8	999.9	99.9	999.9	88.7	69.
45.0	133.0	14733.9	121.0	-57.7	99.9	241.7	41.1*	36.1	19.5	394.2	999.9	99.9	999.9	89.6	68.
45.3	134.0	14892.1	118.0	-58.4	99.9	242.9	38.5*	34.3	17.5	395.8	999.9	99.9	999.9	90.4	68.
45.8	135.0	15053.9	115.0	-59.1	99.9	247.1	35.0*	32.2	13.6	397.4	999.9	99.9	999.9	91.5	68.
46.3	136.0	15219.0	112.0	-60.7	99.9	251.8	33.7*	32.0	10.5	397.4	999.9	99.9	999.9	92.4	68.
46.9	137.0	15387.7	109.0	-61.4	99.9	251.5	34.2*	32.5	10.8	399.1	999.9	99.9	999.9	93.6	69.
47.4	138.0	15618.7	105.0	-62.9	99.9	245.6	33.5*	30.5	13.9	400.5	999.9	99.9	999.9	94.8	69.
48.0	139.0	15796.6	102.0	-64.3	99.9	241.2	31.0*	27.2	14.9	401.2	999.9	99.9	999.9	95.9	68.
48.7	140.0	15979.5	99.0	-63.7	99.9	249.3	30.8*	28.8	10.9	405.8	999.9	99.9	999.9	97.1	68.
49.4	141.0	16233.0	95.0	-62.9	99.9	252.9	35.9*	34.3	10.6	412.2	999.9	99.9	999.9	98.5	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
515 GMT

160 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
50.1	142.0	16430.6	92.0	-62.9	99.9	253.8	40.4*	38.8	11.3	416.0	999.9	99.9	999.9	99.9	68.
50.7	143.0	16634.9	89.0	-62.6	99.9	258.8	33.5*	32.8	6.5	420.7	999.9	99.9	999.9	101.9	69.
51.4	144.0	16846.6	86.0	-62.2	99.9	258.1	27.1*	26.5	5.6	425.6	999.9	99.9	999.9	102.4	69.
52.2	145.0	17141.3	82.0	-61.6	99.9	251.0	34.7*	32.8	11.3	432.6	999.9	99.9	999.9	104.1	69.
53.1	146.0	17294.2	80.0	-62.0	99.9	251.4	29.1*	27.6	9.3	434.9	999.9	99.9	999.9	105.9	69.
53.9	147.0	17530.6	77.0	-62.0	99.9	247.0	28.3*	26.0	11.0	439.6	999.9	99.9	999.9	107.2	69.
54.8	148.0	17777.0	74.0	-61.1	99.9	246.9	29.1*	26.7	11.4	446.6	999.9	99.9	999.9	108.8	69.
55.4	149.0	18034.1	71.0	-61.1	99.9	253.1	26.6*	25.5	7.7	451.9	999.9	99.9	999.9	110.2	69.
56.3	150.0	18301.4	68.0	-62.4	99.9	262.4	27.0*	26.7	3.6	454.7	999.9	99.9	999.9	111.4	69.
57.1	151.0	18579.7	65.0	-62.9	99.9	260.9	25.3*	25.0	4.0	459.4	999.9	99.9	999.9	112.3	69.
58.0	152.0	18870.8	62.0	-62.7	99.9	256.3	24.5*	23.8	5.8	466.1	999.9	99.9	999.9	113.9	69.
59.0	153.0	19176.0	59.0	-63.3	99.9	260.9	26.5*	26.2	4.2	471.4	999.9	99.9	999.9	114.5	69.
59.9	154.0	19495.9	56.0	-64.5	99.9	257.5	26.7*	26.0	5.8	475.9	999.9	99.9	999.9	116.6	69.
60.8	155.0	19831.3	53.0	-65.9	99.9	270.8	23.6*	23.6	-0.3	480.2	999.9	99.9	999.9	118.3	70.
61.7	156.0	20184.3	50.0	-66.7	99.9	272.1	20.5*	20.5	-0.7	486.3	999.9	99.9	999.9	119.0	70.
62.8	157.0	20430.9	48.0	-67.1	99.9	259.7	17.5*	17.2	3.1	491.0	999.9	99.9	999.9	120.6	70.
63.9	158.0	20818.7	45.0	-68.9	99.9	255.8	24.4*	23.7	6.0	496.0	999.9	99.9	999.9	121.4	70.
65.1	159.0	21231.1	42.0	-69.3	99.9	261.5	31.2*	30.8	4.6	504.7	999.9	99.9	999.9	123.7	70.
66.5	160.0	21673.6	39.0	-69.3	99.9	266.8	31.0*	30.9	1.7	515.6	999.9	99.9	999.9	126.2	70.
68.0	161.0	22155.8	36.0	-65.7	99.9	271.8	33.6*	33.6	-1.1	536.8	999.9	99.9	999.9	128.9	71.
69.5	162.0	22686.8	33.0	-63.9	99.9	258.1	23.4*	22.9	4.8	555.1	999.9	99.9	999.9	131.8	71.
70.8	163.0	23070.4	31.0	-63.5	99.9	272.4	22.4*	22.3	-0.9	566.2	999.9	99.9	999.9	132.7	71.
72.5	164.0	23695.4	28.0	-63.5	99.9	266.5	27.2*	27.1	1.7	582.9	999.9	99.9	999.9	136.1	72.
74.4	165.0	24393.2	25.0	-62.4	99.9	258.5	12.7*	12.4	2.5	605.4	999.9	99.9	999.9	138.8	72.
76.6	166.0	25179.3	22.0	-64.1	99.9	999.9	99.9	99.9	99.9	622.8	999.9	99.9	999.9	999.9	999.

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
1115 GMT

139 48. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW P1 DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	359.0	961.3	1.5	-1.1	265.0	5.1	5.1	0.4	278.2	287.8	3.7	83.0	0.0	0.
0.3	8.0	403.5	956.0	1.2	-1.0	264.7	11.0	11.0	1.0	278.3	288.0	3.7	85.2	0.2	88.
0.7	9.0	505.2	944.0	0.5	-0.2	265.2	11.0	10.9	0.9	278.7	289.0	4.0	94.9	0.3	87.
1.1	10.0	607.8	932.0	-0.4	-0.9	266.6	11.1	11.1	0.7	278.7	288.7	3.9	97.1	0.6	86.
1.6	11.0	737.5	917.0	-1.1	-1.1	269.9	12.3	12.3	0.0	279.4	289.4	3.9	100.9	0.9	87.
2.0	12.0	851.4	904.0	-1.7	-1.7	271.8	14.5	14.5	-0.5	279.9	289.6	3.7	100.8	1.2	88.
2.3	13.0	957.8	892.0	-2.2	-2.2	273.0	15.8	15.8	-0.8	280.4	290.0	3.7	100.8	1.5	89.
2.7	14.0	1065.4	880.0	-3.0	-3.0	273.3	16.7	16.7	-1.0	280.7	289.9	3.5	100.6	1.9	90.
3.0	15.0	1174.1	868.0	-3.7	-3.7	272.7	16.8	16.8	-0.8	281.0	289.8	3.3	100.5	2.2	91.
3.4	16.0	1302.7	854.0	-3.7	-3.7	270.9	17.5	17.5	-0.3	282.3	291.3	3.4	100.5	2.6	91.
3.8	17.0	1414.6	842.0	-3.9	-3.9	266.8	17.3	17.3	1.0	283.3	292.4	3.4	100.5	3.1	91.
4.2	18.0	1518.5	831.0	-4.2	-4.2	263.9	17.2	17.1	1.8	284.0	293.0	3.4	100.5	3.5	90.
4.7	19.0	1633.2	819.0	-4.8	-4.8	264.3	18.2	18.1	1.8	284.5	293.3	3.3	100.4	4.0	89.
5.0	20.0	1739.6	808.0	-5.2	-5.2	265.4	19.5	19.4	1.6	285.1	293.8	3.2	100.3	4.3	89.
5.4	21.0	1876.9	794.0	-5.7	-5.7	264.3	19.0	18.9	1.9	286.1	294.6	3.1	100.2	4.8	88.
5.8	22.0	1986.3	783.0	-6.3	-6.3	267.3	18.6	18.6	0.9	286.6	294.9	3.1	100.2	5.2	88.
6.1	23.0	2086.8	773.0	-6.7	-6.7	270.2	18.5	18.5	-0.1	287.1	295.3	3.0	100.1	5.6	88.
6.5	24.0	2198.7	762.0	-7.3	-7.3	272.6	18.4	18.4	-0.8	287.7	295.6	2.9	100.0	6.0	88.
6.9	25.0	2312.0	751.0	-8.2	-8.2	270.8	17.9	17.9	-0.2	287.9	295.4	2.7	99.9	6.4	89.
7.4	26.0	2458.1	737.0	-8.8	-8.8	268.7	18.7	18.7	0.4	288.8	296.1	2.7	99.8	7.0	89.
7.8	27.0	2563.8	727.0	-9.7	-9.7	267.3	19.4	19.4	0.9	288.9	295.9	2.5	99.7	7.4	89.
8.2	28.0	2681.5	716.0	-10.3	-10.3	266.0	19.9	19.8	1.4	289.5	296.4	2.4	99.6	7.9	88.
8.6	29.0	2800.8	705.0	-10.8	-10.9	264.5	20.0	19.9	1.9	290.2	296.8	2.4	99.5	8.4	88.
9.0	30.0	2910.6	695.0	-11.5	-11.7	263.1	19.9	19.8	2.4	290.6	296.9	2.2	98.9	8.9	88.
9.4	31.0	3021.6	685.0	-12.2	-12.5	262.4	20.4	20.2	2.7	291.0	297.0	2.1	98.3	9.3	88.
9.9	32.0	3134.0	675.0	-13.1	-13.4	262.8	20.9	20.8	2.6	291.2	297.0	2.0	97.5	10.0	87.
10.2	33.0	3247.6	665.0	-13.9	-14.5	263.3	20.8	20.7	2.4	291.5	296.9	1.9	95.6	10.4	87.
10.6	34.0	3362.6	655.0	-14.8	-15.4	264.0	20.4	20.3	2.1	291.8	296.9	1.8	95.1	10.9	87.
11.0	35.0	3467.3	646.0	-15.5	-16.1	264.1	19.7	19.6	2.0	292.2	297.0	1.7	94.5	11.3	87.
11.5	36.0	3620.7	633.0	-16.0	-16.7	262.7	19.3	19.1	2.5	293.2	298.0	1.6	94.0	11.9	87.
11.9	37.0	3740.6	623.0	-16.8	-17.5	260.9	19.0	18.8	3.0	293.6	298.1	1.5	94.3	12.4	87.
12.2	38.0	3849.7	614.0	-17.8	-18.6	259.7	18.9	18.6	3.4	293.7	297.9	1.4	93.4	12.7	86.
12.7	39.0	3972.5	604.0	-18.6	-19.6	258.7	19.0	18.6	3.7	294.2	298.1	1.3	92.0	13.3	86.
13.0	40.0	4071.8	596.0	-19.3	-20.5	258.7	19.2	18.8	3.8	294.5	298.2	1.2	89.9	13.6	86.
13.5	41.0	4210.1	585.0	-20.4	-22.0	260.2	19.7	19.4	3.4	294.8	298.1	1.1	87.0	14.2	86.
13.9	42.0	4337.7	575.0	-21.2	-22.9	261.3	19.9	19.7	3.0	295.3	298.4	1.0	85.5	14.7	85.
14.2	43.0	4454.0	566.0	-22.1	-23.8	261.9	20.1	19.9	2.8	295.5	298.5	1.0	85.8	15.0	85.
14.7	44.0	4571.7	557.0	-23.2	-24.8	262.3	19.9	19.7	2.7	295.6	298.4	0.9	86.4	15.6	85.
14.9	45.0	4690.8	548.0	-24.0	-25.6	262.3	19.6	19.5	2.6	296.0	298.6	0.9	85.9	15.9	85.
15.3	46.0	4798.0	540.0	-25.0	-26.6	261.8	18.4	18.2	2.6	296.0	298.4	0.8	84.8	16.4	85.
15.7	47.0	4920.0	531.0	-25.8	-27.6	260.7	16.7	16.5	2.7	296.5	298.7	0.7	84.7	16.8	85.
16.0	48.0	5043.6	522.0	-27.0	-28.5	259.5	15.4	15.1	2.8	296.5	298.6	0.7	87.1	17.1	85.
16.4	49.0	5154.8	514.0	-27.8	-29.2	259.4	14.5	14.2	2.9	296.8	298.9	0.7	87.6	17.4	85.
16.9	50.0	5267.3	506.0	-29.1	-30.8	258.5	14.7	14.4	2.9	296.5	298.3	0.6	85.4	17.8	85.
17.3	51.0	5409.7	496.0	-30.2	-32.2	258.9	15.1	14.9	2.9	296.9	298.6	0.5	82.6	18.2	85.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
1115 GMT

139 48. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
17.8	52.0	5539.7	487.0	-31.4	-33.6	258.5	15.2	14.9	1.0	297.0	298.5	0.5	80.3	18.7	84.
18.1	53.0	5656.8	479.0	-32.4	-34.6	257.9	15.1	14.7	3.1	297.1	298.4	0.4	80.6	18.9	84.
18.5	54.0	5775.3	471.0	-33.5	-35.4	257.3	14.8	14.5	3.3	297.2	298.5	0.4	82.5	19.3	84.
18.9	55.0	5895.3	463.0	-34.4	-36.5	258.2	15.2	14.8	3.1	297.5	298.7	0.4	82.8	19.6	84.
19.4	56.0	6047.6	453.0	-35.8	-37.5	260.1	15.8	15.6	2.7	297.7	298.8	0.3	83.8	20.1	84.
19.9	57.0	6171.2	445.0	-37.0	-38.8	261.4	16.4	16.2	2.4	297.7	298.7	0.3	83.2	20.5	84.
20.3	58.0	6296.5	437.0	-37.9	-39.8	262.1	16.4	16.2	2.3	298.0	298.9	0.3	82.5	21.0	84.
20.7	59.0	6407.5	430.0	-39.0	-42.3	262.6	15.8	15.7	2.0	298.0	298.7	0.2	70.5	21.4	84.
21.1	60.0	6535.9	422.0	-40.2	99.9	262.9	14.9	14.8	1.8	298.1	999.9	99.9	999.9	21.8	84.
21.5	61.0	6649.8	415.0	-41.3	99.9	262.6	13.8	13.7	1.8	298.1	999.9	99.9	999.9	22.1	84.
22.0	62.0	6765.0	408.0	-42.6	99.9	261.0	13.1	12.9	2.0	297.9	999.9	99.9	999.9	22.5	84.
22.3	63.0	6881.5	401.0	-43.9	99.9	260.3	12.9	12.7	2.2	297.8	999.9	99.9	999.9	22.7	84.
22.8	64.0	6999.5	394.0	-45.0	99.9	259.7	12.8	12.6	2.3	297.8	999.9	99.9	999.9	23.1	84.
23.2	65.0	7119.0	387.0	-46.1	99.9	259.7	13.0	12.8	2.3	297.8	999.9	99.9	999.9	23.4	84.
23.8	66.0	7275.1	378.0	-47.3	99.9	259.6	14.0	13.8	2.5	298.3	999.9	99.9	999.9	23.9	84.
24.2	67.0	7398.5	371.0	-48.0	99.9	259.4	15.2	14.9	2.8	298.9	999.9	99.9	999.9	24.2	83.
24.7	68.0	7506.0	365.0	-48.0	99.9	259.0	17.1	16.8	3.3	300.3	999.9	99.9	999.9	24.7	83.
25.1	69.0	7633.6	358.0	-48.2	99.9	258.1	19.1	18.7	3.9	301.8	999.9	99.9	999.9	25.1	83.
25.6	70.0	7745.0	352.0	-48.2	99.9	256.8	22.7	22.1	5.2	303.3	999.9	99.9	999.9	25.6	83.
26.0	71.0	7896.2	344.0	-48.9	99.9	255.8	26.4	25.6	6.5	304.2	999.9	99.9	999.9	26.2	83.
26.4	72.0	8031.3	337.0	-48.6	99.9	254.8	29.4	28.4	7.7	306.4	999.9	99.9	999.9	27.0	83.
26.8	73.0	8149.6	331.0	-48.2	99.9	253.8	31.6	30.3	8.8	308.6	999.9	99.9	999.9	27.7	83.
27.2	74.0	8270.0	325.0	-48.8	99.9	252.9	33.4	31.9	9.8	309.4	999.9	99.9	999.9	28.5	82.
27.7	75.0	8392.4	319.0	-48.9	99.9	251.9	35.4	33.6	11.0	310.9	999.9	99.9	999.9	29.5	82.
28.1	76.0	8517.1	313.0	-49.1	99.9	251.3	36.7	34.7	11.7	312.4	999.9	99.9	999.9	30.3	82.
28.6	77.0	8644.1	307.0	-49.1	99.9	251.1	37.2	35.2	12.0	314.1	999.9	99.9	999.9	31.5	81.
29.1	78.0	8773.5	301.0	-49.7	99.9	250.9	37.6	35.5	12.3	315.0	999.9	99.9	999.9	32.5	81.
29.7	79.0	8883.0	296.0	-50.1	99.9	248.9	38.8	36.2	14.0	315.9	999.9	99.9	999.9	33.9	81.
30.1	80.0	9016.7	290.0	-50.3	99.9	247.1	39.3	36.2	15.3	317.5	999.9	99.9	999.9	34.9	80.
30.7	81.0	9176.3	283.0	-50.1	99.9	245.6	39.3	35.8	16.2	320.0	999.9	99.9	999.9	36.2	80.
31.1	82.0	9292.6	278.0	-50.6	99.9	245.3	39.8	36.1	16.6	321.0	999.9	99.9	999.9	37.1	79.
31.6	83.0	9434.8	272.0	-50.7	99.9	245.2	41.0	37.3	17.2	322.8	999.9	99.9	999.9	38.3	79.
32.0	84.0	9555.7	267.0	-50.6	99.9	245.1	42.2	38.3	17.8	324.7	999.9	99.9	999.9	39.2	78.
32.4	85.0	9678.8	262.0	-50.9	99.9	245.6	43.2	39.4	17.8	326.0	999.9	99.9	999.9	40.3	78.
33.0	86.0	9854.8	255.0	-51.7	99.9	246.6	44.3	40.7	17.6	327.4	999.9	99.9	999.9	41.8	78.
33.4	87.0	9983.2	250.0	-51.8	99.9	247.0	44.6	41.1	17.5	329.0	999.9	99.9	999.9	42.9	77.
33.9	88.0	10114.3	245.0	-51.4	99.9	246.6	45.0	41.3	17.9	331.6	999.9	99.9	999.9	44.2	77.
34.4	89.0	10248.5	240.0	-50.7	99.9	245.4	45.7	41.6	19.0	334.5	999.9	99.9	999.9	45.5	77.
34.9	90.0	10358.0	236.0	-50.6	99.9	244.6	45.8	41.4	19.7	336.4	999.9	99.9	999.9	46.8	76.
35.3	91.0	10497.3	231.0	-51.5	99.9	244.6	45.3	40.9	19.4	337.0	999.9	99.9	999.9	48.0	76.
35.9	92.0	10639.3	226.0	-51.7	99.9	245.3	45.7	41.5	19.1	338.9	999.9	99.9	999.9	49.4	76.
36.4	93.0	10784.4	221.0	-51.7	99.9	245.9	48.0	43.8	19.6	341.1	999.9	99.9	999.9	50.8	76.
36.9	94.0	10902.9	217.0	-51.8	99.9	246.5	50.4	46.2	20.1	342.6	999.9	99.9	999.9	52.4	75.
37.3	95.0	11054.2	212.0	-51.4	99.9	246.9	52.3	48.1	20.6	345.0	999.9	99.9	999.9	53.5	75.
37.9	96.0	11240.5	206.0	-51.8	99.9	247.0	54.7	50.3	21.3	347.8	999.9	99.9	999.9	55.5	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
1115 GMT

139 48. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
38.3	97.0	11367.5	202.0	-52.1	99.9	247.4	54.8	50.6	21.1	349.2	999.9	99.9	999.9	56.9	75.
38.8	98.0	11497.0	198.0	-52.1	99.9	248.4	54.2	50.4	20.0	351.2	999.9	99.9	999.9	58.4	74.
39.2	99.0	11662.3	193.0	-52.9	99.9	249.4	54.0*	50.5	19.0	352.6	999.9	99.9	999.9	59.7	74.
39.8	100.0	11797.3	189.0	-53.1	99.9	250.5	54.2*	51.1	18.1	354.4	999.9	99.9	999.9	61.6	74.
40.3	101.0	11970.2	184.0	-52.9	99.9	252.0	53.2*	50.6	16.4	357.4	999.9	99.9	999.9	63.3	74.
40.9	102.0	12111.9	180.0	-53.4	99.9	253.6	48.2*	46.2	13.6	358.9	999.9	99.9	999.9	65.2	74.
41.3	103.0	12256.6	176.0	-53.2	99.9	253.3	43.4*	41.5	12.5	361.5	999.9	99.9	999.9	66.4	74.
41.8	104.0	12404.8	172.0	-52.9	99.9	251.7	39.2*	37.2	12.3	364.4	999.9	99.9	999.9	67.5	74.
42.3	105.0	12518.3	169.0	-52.9	99.9	249.1	38.6*	36.1	13.8	366.2	999.9	99.9	999.9	68.6	74.
42.8	106.0	12672.7	165.0	-53.2	99.9	245.7	40.8*	37.2	15.8	368.2	999.9	99.9	999.9	69.7	74.
43.2	107.0	12830.8	161.0	-53.1	99.9	242.8	42.3*	37.6	17.3	371.0	999.9	99.9	999.9	70.7	74.
43.8	108.0	12951.9	158.0	-53.7	99.9	238.6	40.9*	34.9	21.3	372.0	999.9	99.9	999.9	72.4	73.
44.3	109.0	13116.3	154.0	-54.7	99.9	235.5	38.9*	32.0	22.0	373.1	999.9	99.9	999.9	73.5	73.
44.8	110.0	13242.1	151.0	-55.2	99.9	234.8	41.1*	33.6	23.7	374.3	999.9	99.9	999.9	74.3	73.
45.4	111.0	13457.2	146.0	-55.0	99.9	235.8	47.6*	39.4	26.8	378.2	999.9	99.9	999.9	76.0	73.
46.0	112.0	13589.5	143.0	-56.0	99.9	235.1	48.1*	39.5	27.5	378.8	999.9	99.9	999.9	77.7	72.
46.6	113.0	13769.9	139.0	-56.2	99.9	233.8	40.1*	32.4	27.7	381.6	999.9	99.9	999.9	79.5	72.
47.2	114.0	13908.6	136.0	-56.2	99.9	236.1	35.8*	29.7	20.0	384.0	999.9	99.9	999.9	80.4	72.
47.7	115.0	14050.2	133.0	-56.7	99.9	240.0	35.6*	30.8	17.8	385.5	999.9	99.9	999.9	81.5	71.
48.4	116.0	14243.6	129.0	-57.3	99.9	244.5	32.7*	29.5	14.1	387.7	999.9	99.9	999.9	83.1	71.
49.0	117.0	14392.1	126.0	-58.0	99.9	246.7	33.3*	30.6	15.2	389.1	999.9	99.9	999.9	83.9	71.
49.4	118.0	14543.9	123.0	-58.2	99.9	247.3	37.8*	34.9	14.6	391.5	999.9	99.9	999.9	84.8	71.
50.0	119.0	14699.2	120.0	-58.7	99.9	247.5	42.9*	39.6	16.5	393.3	999.9	99.9	999.9	86.6	71.
50.5	120.0	14858.2	117.0	-58.7	99.9	246.8	43.8*	40.3	17.3	396.1	999.9	99.9	999.9	87.5	71.
51.1	121.0	15021.6	114.0	-58.2	99.9	245.7	42.2*	38.4	17.4	400.1	999.9	99.9	999.9	89.5	71.
51.5	122.0	15188.9	111.0	-59.6	99.9	245.1	40.9*	37.1	17.2	400.5	999.9	99.9	999.9	90.4	71.
52.1	123.0	15360.1	108.0	-60.3	99.9	244.2	41.9*	37.7	18.3	402.3	999.9	99.9	999.9	91.6	71.
52.7	124.0	15535.8	105.0	-60.1	99.9	243.8	43.3*	38.8	19.1	405.9	999.9	99.9	999.9	93.3	71.
53.2	125.0	15655.7	103.0	-60.5	99.9	244.9	42.1*	38.2	17.9	407.5	999.9	99.9	999.9	94.5	71.
54.0	126.0	15902.8	99.0	-59.9	99.9	250.6	35.3*	33.3	11.8	413.1	999.9	99.9	999.9	96.5	70.
54.6	127.0	16095.0	96.0	-59.8	99.9	253.6	35.2*	33.8	9.9	417.1	999.9	99.9	999.9	97.6	70.
55.2	128.0	16226.7	94.0	-59.4	99.9	254.3	41.0*	39.5	11.1	420.3	999.9	99.9	999.9	98.9	70.
55.9	129.0	16430.0	91.0	-59.1	99.9	253.2	45.1*	43.2	13.1	425.0	999.9	99.9	999.9	100.7	71.
56.6	130.0	16640.5	88.0	-58.4	99.9	250.4	39.1*	36.8	15.1	430.4	999.9	99.9	999.9	103.1	71.
57.4	131.0	16858.3	85.0	-59.2	99.9	250.1	28.0*	26.3	9.5	433.0	999.9	99.9	999.9	104.3	71.
58.1	132.0	17007.9	83.0	-58.2	99.9	250.8	28.6*	27.0	9.4	438.1	999.9	99.9	999.9	105.3	71.
58.8	133.0	17239.4	80.0	-58.7	99.9	253.0	34.2*	32.7	10.0	441.6	999.9	99.9	999.9	106.6	71.
59.5	134.0	17398.4	78.0	-58.9	99.9	259.5	33.8*	33.2	6.2	444.5	999.9	99.9	999.9	108.8	71.
60.2	135.0	17644.3	75.0	-59.4	99.9	264.8	29.3*	29.2	2.6	448.4	999.9	99.9	999.9	109.5	71.
61.0	136.0	17813.1	73.0	-60.3	99.9	262.9	27.2*	27.0	3.3	450.0	999.9	99.9	999.9	110.1	71.
61.8	137.0	18074.9	70.0	-60.1	99.9	261.5	24.0*	23.7	5.5	455.8	999.9	99.9	999.9	112.1	71.
62.7	138.0	18348.0	67.0	-60.5	99.9	258.8	32.7*	32.1	6.3	460.8	999.9	99.9	999.9	113.3	71.
63.7	139.0	18633.3	64.0	-60.6	99.9	253.3	44.6*	42.7	12.8	466.5	999.9	99.9	999.9	116.0	71.
64.6	140.0	18931.1	61.0	-62.1	99.9	252.2	18.0*	17.1	5.5	469.6	999.9	99.9	999.9	117.8	71.
65.5	141.0	19242.4	58.0	-62.7	99.9	260.9	18.4*	18.2	2.9	475.2	999.9	99.9	999.9	118.6	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
1115 GMT

139 48. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.7	142.0	19458.3	56.0	-63.6	99.9	258.1	21.2*	20.7	4.4	477.8	999.9	99.9	999.9	119.9	71.
68.1	143.0	19795.7	53.0	-64.2	99.9	257.7	18.7*	18.3	4.0	484.1	999.9	99.9	999.9	121.8	72.
69.8	144.0	20031.3	51.0	-63.8	99.9	999.9	99.9	99.9	99.9	490.3	999.9	99.9	999.9	999.9	999.
71.7	145.0	20401.9	48.0	-65.2	99.9	999.9	99.9	99.9	99.9	495.6	999.9	99.9	999.9	999.9	999.

STATION NO. 520  
PITTSBURGH, PA

6 FEBRUARY 1975  
1415 GMT

159 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RYO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.1	359.0	963.5	0.6	-3.9	265.0	6.2	6.2	7.5	277.1	284.9	3.0	72.0	0.0	0.
0.3	9.0	438.6	954.0	0.2	-1.3	270.9	9.0	9.0	-0.1	277.6	287.0	3.7	89.7	0.3	82.
0.6	10.0	531.5	943.0	-0.6	-1.6	271.1	9.3	9.3	-0.2	277.6	287.0	3.6	92.5	0.3	83.
1.0	11.0	642.4	930.0	-1.4	-1.6	271.6	10.3	10.3	-0.3	277.9	287.4	3.7	98.1	0.5	86.
1.4	12.0	737.2	919.0	-2.3	-2.4	274.2	11.7	11.6	-0.9	277.9	286.9	3.5	99.1	0.8	88.
1.6	13.0	832.7	908.0	-3.1	-3.1	275.7	12.5	12.5	-1.3	278.0	286.7	3.3	99.7	1.0	89.
2.0	14.0	929.3	897.0	-3.6	-3.7	278.8	14.7	14.5	-2.2	278.5	287.0	3.2	98.9	1.3	91.
2.4	15.0	1026.7	886.0	-4.3	-4.5	278.6	15.5	15.4	-2.3	278.7	286.7	3.1	98.1	1.7	93.
2.7	16.0	1143.2	873.0	-5.0	-5.3	277.4	15.0	14.9	-1.9	279.2	287.0	2.9	97.1	1.9	94.
3.1	17.0	1233.8	863.0	-5.6	-5.7	275.2	14.0	13.9	-1.3	279.5	287.1	2.9	99.1	2.3	94.
3.4	18.0	1334.4	852.0	-5.9	-6.0	274.2	13.9	13.9	-1.0	280.2	287.8	2.9	99.0	2.5	94.
3.7	19.0	1426.9	842.0	-6.3	-6.4	275.0	14.8	14.8	-1.3	280.6	288.1	2.8	99.2	2.8	94.
4.1	20.0	1520.4	832.0	-6.8	-6.8	276.3	16.5	16.4	-1.8	281.1	288.5	2.8	99.4	3.1	94.
4.4	21.0	1634.0	820.0	-6.5	-6.5	275.9	17.4	17.3	-1.8	282.6	290.3	2.9	99.7	3.5	95.
4.7	22.0	1739.6	809.0	-6.8	-6.8	273.8	17.0	16.9	-1.1	283.4	291.0	2.8	99.4	3.8	95.
5.0	23.0	1836.8	799.0	-7.2	-7.3	270.5	16.0	16.0	-0.1	283.9	291.4	2.8	99.3	4.1	95.
5.3	24.0	1925.2	790.0	-6.9	-7.1	268.9	15.2	15.2	0.3	285.2	292.9	2.8	98.6	4.4	94.
5.6	25.0	2024.7	780.0	-7.1	-7.3	267.9	15.0	15.0	0.5	286.0	293.8	2.8	98.4	4.6	94.
6.1	26.0	2145.8	768.0	-7.1	-7.3	268.1	16.8	16.8	0.6	287.3	295.2	2.9	98.4	5.1	93.
6.3	27.0	2247.9	758.0	-8.1	-8.4	267.6	17.4	17.4	0.7	287.2	294.6	2.7	97.3	5.3	93.
6.7	28.0	2351.0	748.0	-8.7	-9.0	266.8	17.5	17.5	1.0	287.7	294.8	2.6	97.7	5.7	93.
7.0	29.0	2444.8	739.0	-9.4	-9.9	266.2	16.9	16.9	1.1	287.9	294.6	2.4	96.2	6.0	92.
7.4	30.0	2539.5	730.0	-10.0	-10.5	265.6	16.7	16.6	1.3	288.2	294.8	2.3	95.9	6.4	92.
7.7	31.0	2645.9	720.0	-10.3	-10.8	265.5	16.7	16.7	1.3	289.0	295.5	2.3	95.9	6.7	92.
8.2	32.0	2742.8	711.0	-10.9	-11.9	266.1	17.4	17.4	1.2	289.4	295.5	2.2	92.3	7.2	91.
8.6	33.0	2840.7	702.0	-11.4	-12.7	266.7	18.3	18.2	1.0	289.8	295.6	2.1	90.6	7.6	91.
8.9	34.0	2939.6	693.0	-11.9	-13.1	267.1	18.9	18.9	0.9	290.4	296.1	2.0	90.1	8.0	91.
9.3	35.0	3039.7	684.0	-12.4	-14.0	267.5	19.2	19.2	0.8	290.9	296.3	1.9	88.1	8.5	91.
9.7	36.0	3163.5	673.0	-13.1	-14.9	267.5	19.1	19.1	0.8	291.4	296.5	1.8	86.8	8.9	90.
10.1	37.0	3266.0	664.0	-13.7	-15.5	267.1	18.7	18.6	1.0	291.9	296.8	1.7	86.2	9.3	90.
10.4	38.0	3369.7	655.0	-14.4	-16.4	266.2	18.3	18.2	1.2	292.2	296.9	1.6	84.9	9.7	90.
10.7	39.0	3474.5	646.0	-15.1	-17.1	265.0	18.1	18.1	1.6	292.6	297.1	1.5	84.5	10.0	90.
11.1	40.0	3568.7	638.0	-15.6	-17.7	263.1	18.2	18.1	2.2	293.0	297.3	1.5	84.0	10.4	90.
11.5	41.0	3687.8	628.0	-16.5	-18.6	261.3	18.6	18.3	2.8	293.4	297.5	1.4	83.6	10.8	89.
11.8	42.0	3796.2	619.0	-17.3	-20.0	260.6	18.3	18.0	3.0	293.6	297.3	1.3	79.0	11.3	89.
12.2	43.0	3918.2	609.0	-18.0	-21.4	259.9	17.8	17.5	3.1	294.2	297.6	1.1	74.5	11.7	89.
12.6	44.0	4004.5	602.0	-18.7	-22.1	259.5	17.4	17.1	3.2	294.4	297.6	1.1	74.2	12.0	89.
12.9	45.0	4104.2	594.0	-19.5	-23.1	259.5	17.6	17.3	3.2	294.5	297.5	1.0	72.4	12.3	88.
13.3	46.0	4204.8	586.0	-20.3	-24.1	260.0	18.4	18.1	3.2	294.7	297.5	0.9	71.2	12.8	88.
13.6	47.0	4306.5	578.0	-21.1	-24.9	260.3	18.9	18.7	3.2	294.9	297.6	0.9	71.2	13.1	88.
14.0	48.0	4435.3	568.0	-21.9	-25.9	260.7	19.3	19.1	3.1	295.5	297.9	0.8	69.4	13.6	88.
14.3	49.0	4526.4	561.0	-22.7	-26.5	260.6	19.2	18.9	3.1	295.6	297.9	0.8	69.7	13.9	87.
14.7	50.0	4631.7	553.0	-23.6	-27.3	260.6	18.9	18.6	3.1	295.7	297.8	0.7	68.2	14.4	87.
15.2	51.0	4764.9	543.0	-24.5	-28.3	260.7	18.5	18.3	3.0	296.1	298.1	0.6	67.4	14.9	87.
15.5	52.0	4859.2	536.0	-25.4	-29.9	260.9	18.4	18.2	2.9	296.1	298.0	0.6	66.2	15.3	87.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
1415 GMT

159 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.9	53.0	4968.2	528.0	-26.2	-30.9	261.4	18.6	18.4	2.8	296.4	298.1	0.5	64.7	15.7	87.
16.3	54.0	5078.4	520.0	-27.0	-31.6	262.1	18.6	18.4	2.6	296.8	298.4	0.5	64.7	16.1	86.
16.6	55.0	5190.0	512.0	-28.1	-32.6	262.6	18.4	18.3	2.4	296.8	298.3	0.5	65.1	16.5	86.
17.1	56.0	5317.1	503.0	-29.1	-33.5	263.4	17.6	17.4	2.0	297.0	298.4	0.4	65.4	17.1	86.
17.4	57.0	5417.1	496.0	-30.2	-34.7	263.8	16.9	16.8	1.8	296.9	298.2	0.4	64.2	17.3	86.
17.7	58.0	5532.6	488.0	-31.0	-35.5	264.2	16.3	16.2	1.6	297.4	298.5	0.4	63.1	17.6	86.
18.1	59.0	5635.0	481.0	-31.7	-36.8	264.7	15.4	15.3	1.4	297.6	298.7	0.3	60.4	18.1	86.
18.5	60.0	5738.5	474.0	-32.5	-37.9	264.4	14.3	14.2	1.4	297.9	298.9	0.3	58.2	18.4	86.
18.9	61.0	5843.1	467.0	-33.7	-39.4	261.9	13.7	13.5	1.9	297.7	298.5	0.3	56.1	18.7	86.
19.3	62.0	5948.8	460.0	-34.6	-40.3	259.2	13.7	13.4	2.6	297.8	298.6	0.2	55.9	19.0	86.
19.6	63.0	6055.8	453.0	-35.6	-41.4	257.8	13.9	13.5	2.9	298.0	298.7	0.2	54.5	19.2	86.
19.9	64.0	6164.0	446.0	-36.5	-42.5	257.8	14.0	13.7	3.0	298.1	298.8	0.2	53.5	19.6	86.
20.3	65.0	6257.7	440.0	-37.4	-43.4	259.3	14.1	13.8	2.6	298.1	298.7	0.2	53.2	19.9	86.
20.7	66.0	6400.0	431.0	-38.6	-44.5	261.3	14.5	14.4	2.2	298.3	298.9	0.2	53.1	20.2	86.
21.1	67.0	6512.3	424.0	-39.6	-45.6	262.9	15.6	15.5	1.9	298.5	299.0	0.1	52.0	20.5	85.
21.5	68.0	6626.0	417.0	-40.5	99.9	263.3	17.1	17.0	2.0	298.8	999.9	99.9	999.9	20.9	85.
21.8	69.0	6724.5	411.0	-41.6	99.9	262.5	17.4	17.3	2.3	298.6	999.9	99.9	999.9	21.3	85.
22.2	70.0	6840.8	404.0	-42.7	99.9	261.3	17.3	17.1	2.6	298.7	999.9	99.9	999.9	21.7	85.
22.7	71.0	6975.5	396.0	-43.6	99.9	260.1	16.2	15.9	2.8	299.1	999.9	99.9	999.9	22.2	85.
23.0	72.0	7077.9	390.0	-44.6	99.9	259.8	15.4	15.2	2.7	299.2	999.9	99.9	999.9	22.5	85.
23.3	73.0	7181.5	384.0	-45.7	99.9	259.7	14.9	14.6	2.7	299.0	999.9	99.9	999.9	22.7	85.
23.7	74.0	7303.7	377.0	-46.7	99.9	259.6	14.3	14.0	2.6	299.3	999.9	99.9	999.9	23.1	85.
24.1	75.0	7409.9	371.0	-47.9	99.9	259.4	14.1	13.9	2.6	299.1	999.9	99.9	999.9	23.4	85.
24.5	76.0	7517.3	365.0	-48.6	99.9	259.5	14.7	14.4	2.7	299.6	999.9	99.9	999.9	23.7	85.
24.8	77.0	7626.0	359.0	-49.6	99.9	259.8	15.9	15.6	2.8	299.6	999.9	99.9	999.9	24.0	85.
25.2	78.0	7736.3	353.0	-50.1	99.9	260.1	17.7	17.5	3.1	300.5	999.9	99.9	999.9	24.4	85.
25.6	79.0	7848.1	347.0	-50.7	99.9	260.2	19.9	19.6	3.4	301.2	999.9	99.9	999.9	24.8	85.
25.9	80.0	7961.7	341.0	-51.0	99.9	260.1	21.5	21.2	3.7	302.3	999.9	99.9	999.9	25.2	85.
26.4	81.0	8096.9	334.0	-50.2	99.9	259.7	23.7	23.4	4.3	305.1	999.9	99.9	999.9	25.9	85.
26.7	82.0	8195.4	329.0	-50.2	99.9	259.4	25.1	24.7	4.6	306.4	999.9	99.9	999.9	26.3	84.
27.1	83.0	8315.7	323.0	-49.9	99.9	258.9	27.1	26.6	5.2	308.4	999.9	99.9	999.9	27.0	84.
27.6	84.0	8438.2	317.0	-50.2	99.9	257.9	30.3	29.6	6.4	309.7	999.9	99.9	999.9	27.7	84.
27.8	85.0	8542.0	312.0	-50.4	99.9	257.1	31.5	30.7	7.0	310.9	999.9	99.9	999.9	28.2	84.
28.3	86.0	8690.1	305.0	-50.2	99.9	255.1	34.0	32.9	8.8	313.1	999.9	99.9	999.9	29.2	84.
28.7	87.0	8798.3	300.0	-49.3	99.9	253.7	35.9	34.5	10.1	315.8	999.9	99.9	999.9	30.0	84.
29.1	88.0	8908.5	295.0	-49.3	99.9	252.9	38.0	36.3	11.2	317.4	999.9	99.9	999.9	30.8	83.
29.5	89.0	9020.5	290.0	-49.5	99.9	252.8	40.2	38.4	11.9	318.7	999.9	99.9	999.9	31.8	83.
29.8	90.0	9134.3	285.0	-49.9	99.9	252.8	41.2	39.3	12.1	319.7	999.9	99.9	999.9	32.5	83.
30.2	91.0	9250.1	280.0	-49.9	99.9	252.7	41.8	39.9	12.4	321.3	999.9	99.9	999.9	33.5	82.
30.6	92.0	9367.9	275.0	-49.9	99.9	252.3	41.5	39.6	12.6	322.9	999.9	99.9	999.9	34.5	82.
30.9	93.0	9487.8	270.0	-50.1	99.9	251.9	41.0	38.9	12.7	324.4	999.9	99.9	999.9	35.3	82.
31.2	94.0	9609.8	265.0	-50.8	99.9	251.6	40.4	38.4	12.8	325.1	999.9	99.9	999.9	36.0	82.
31.6	95.0	9733.7	260.0	-51.3	99.9	251.6	39.9	37.9	12.6	326.2	999.9	99.9	999.9	36.9	81.
32.1	96.0	9885.5	254.0	-51.0	99.9	252.2	39.9	38.0	12.2	328.9	999.9	99.9	999.9	38.1	81.
32.5	97.0	10014.9	249.0	-50.8	99.9	252.7	40.4	38.6	12.0	330.9	999.9	99.9	999.9	39.1	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
1415 GMT

159 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.9	98.0	10120.5	245.0	-50.4	99.9	252.0	41.2	39.2	12.7	333.1	999.9	99.9	999.9	40.0	81.
33.2	99.0	10255.1	240.0	-50.2	99.9	251.3	41.5	39.3	13.3	335.3	999.9	99.9	999.9	40.7	81.
33.7	100.0	10364.9	236.0	-50.2	99.9	250.4	41.3	38.9	13.8	336.9	999.9	99.9	999.9	42.0	80.
34.1	101.0	10533.0	230.0	-50.2	99.9	250.3	40.6	38.2	13.7	339.4	999.9	99.9	999.9	43.0	80.
34.5	102.0	10647.6	226.0	-50.2	99.9	250.3	40.1	37.8	13.5	341.1	999.9	99.9	999.9	43.8	80.
34.9	103.0	10764.0	222.0	-50.8	99.9	249.4	42.0	39.3	14.8	342.0	999.9	99.9	999.9	44.9	80.
35.4	104.0	10912.3	217.0	-51.1	99.9	247.8	45.2	41.8	17.1	343.7	999.9	99.9	999.9	46.0	79.
35.7	105.0	11033.3	213.0	-51.1	99.9	246.9	45.6	42.0	17.9	345.6	999.9	99.9	999.9	46.9	79.
36.1	106.0	11156.6	209.0	-51.1	99.9	245.8	44.4	40.4	18.2	347.4	999.9	99.9	999.9	48.3	79.
36.5	107.0	11282.3	205.0	-51.0	99.9	244.4	40.6	36.6	17.5	349.6	999.9	99.9	999.9	49.1	78.
36.9	108.0	11410.6	201.0	-50.8	99.9	242.8	38.5	34.2	17.6	351.8	999.9	99.9	999.9	50.0	78.
37.3	109.0	11541.5	197.0	-50.8	99.9	242.3	39.5	35.0	18.4	353.8	999.9	99.9	999.9	50.7	78.
37.7	110.0	11675.0	193.0	-51.1	99.9	242.7	41.9	37.3	19.2	355.4	999.9	99.9	999.9	51.6	78.
38.1	111.0	11811.1	189.0	-51.6	99.9	243.4	44.1	39.5	19.7	356.9	999.9	99.9	999.9	52.8	77.
38.5	112.0	11949.8	185.0	-51.9	99.9	243.6	44.9	40.2	19.9	358.6	999.9	99.9	999.9	53.8	77.
38.9	113.0	12091.3	181.0	-52.6	99.9	243.0	44.7	39.8	20.3	359.6	999.9	99.9	999.9	54.9	77.
39.2	114.0	12235.5	177.0	-52.9	99.9	242.6	44.6	39.6	20.5	361.4	999.9	99.9	999.9	55.6	77.
39.6	115.0	12345.6	174.0	-53.7	99.9	242.4	44.6	39.5	20.7	361.9	999.9	99.9	999.9	56.7	76.
40.1	116.0	12532.9	169.0	-54.0	99.9	242.9	45.3	40.3	20.7	364.4	999.9	99.9	999.9	58.0	76.
40.5	117.0	12647.9	166.0	-53.7	99.9	243.7	46.5	41.7	20.6	366.8	999.9	99.9	999.9	58.9	76.
40.8	118.0	12804.7	162.0	-53.7	99.9	244.6	47.5	42.9	20.4	369.3	999.9	99.9	999.9	59.9	76.
41.2	119.0	12924.8	159.0	-53.9	99.9	245.7	48.2	44.0	19.8	371.0	999.9	99.9	999.9	61.0	75.
41.6	120.0	13088.3	155.0	-54.2	99.9	246.6	47.8	43.9	19.0	373.2	999.9	99.9	999.9	62.2	75.
41.9	121.0	13213.8	152.0	-53.7	99.9	246.7	46.5	42.7	18.4	376.1	999.9	99.9	999.9	63.0	75.
42.3	122.0	13342.1	149.0	-53.4	99.9	245.9	43.9	40.1	17.9	378.8	999.9	99.9	999.9	64.2	75.
42.7	123.0	13517.2	145.0	-53.4	99.9	244.8	42.0	38.0	17.9	381.8	999.9	99.9	999.9	65.2	75.
43.1	124.0	13652.1	142.0	-52.5	99.9	243.5	41.3	37.4	18.5	385.7	999.9	99.9	999.9	66.0	75.
43.6	125.0	13790.2	139.0	-52.0	99.9	241.6	42.1	37.1	20.0	388.8	999.9	99.9	999.9	67.3	75.
44.1	126.0	13979.2	135.0	-52.3	99.9	239.8	43.1	37.1	21.6	391.6	999.9	99.9	999.9	68.6	74.
44.5	127.0	14124.5	132.0	-52.6	99.9	239.6	44.7	38.6	22.7	393.5	999.9	99.9	999.9	69.4	74.
45.0	128.0	14272.7	129.0	-53.4	99.9	241.2	47.2	41.3	22.8	394.8	999.9	99.9	999.9	70.7	74.
45.2	129.0	14423.9	126.0	-54.3	99.9	241.4	46.4	40.8	22.2	395.7	999.9	99.9	999.9	71.5	74.
45.6	130.0	14578.2	123.0	-54.6	99.9	241.8	44.5	39.2	21.0	397.9	999.9	99.9	999.9	72.8	73.
46.2	131.0	14736.4	120.0	-54.2	99.9	241.3	39.7	34.9	19.1	401.6	999.9	99.9	999.9	74.0	73.
46.7	132.0	14898.6	117.0	-54.6	99.9	242.2	37.4	33.1	17.4	403.6	999.9	99.9	999.9	75.2	73.
47.1	133.0	15064.7	114.0	-55.1	99.9	244.0	36.8	33.1	16.1	405.7	999.9	99.9	999.9	76.0	73.
47.5	134.0	15234.8	111.0	-55.8	99.9	245.8	37.6	34.3	15.4	407.7	999.9	99.9	999.9	76.8	73.
47.9	135.0	15408.7	108.0	-57.2	99.9	245.8	38.7	35.3	15.9	408.1	999.9	99.9	999.9	77.6	73.
48.4	136.0	15586.4	105.0	-58.2	99.9	244.9	37.8	34.2	16.0	409.5	999.9	99.9	999.9	79.1	73.
49.0	137.0	15768.5	102.0	-59.1	99.9	245.7	36.8	33.5	15.1	411.3	999.9	99.9	999.9	80.2	72.
49.6	138.0	15956.2	99.0	-58.1	99.9	249.5	41.9	39.2	14.7	416.8	999.9	99.9	999.9	81.4	72.
50.1	139.0	16216.2	95.0	-57.7	99.9	251.5	46.1	43.8	14.6	422.4	999.9	99.9	999.9	83.1	72.
50.7	140.0	16419.5	92.0	-56.1	99.9	252.9	47.9	45.8	14.0	429.5	999.9	99.9	999.9	84.6	72.
51.3	141.0	16630.1	89.0	-56.4	99.9	255.4	44.4	43.0	11.2	432.9	999.9	99.9	999.9	86.6	72.
51.9	142.0	16848.1	86.0	-55.8	99.9	258.5	36.5	35.8	7.2	438.5	999.9	99.9	999.9	88.0	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
1415 GMT

159 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
52.6	143.0	17074.2	83.0	-55.8	99.9	256.4	33.8	32.9	8.0	443.0	999.9	99.9	999.9	89.2	73.
53.3	144.0	17307.9	80.0	-57.2	99.9	254.5	35.9	34.6	9.6	444.7	999.9	99.9	999.9	90.8	73.
53.9	145.0	17467.8	78.0	-57.7	99.9	256.3	32.4	31.5	7.7	446.9	999.9	99.9	999.9	92.1	73.
54.6	146.0	17715.1	75.0	-58.1	99.9	255.7	25.5	24.8	6.3	451.2	999.9	99.9	999.9	93.3	73.
55.3	147.0	17973.3	72.0	-56.4	99.9	249.8	23.2	21.7	8.0	460.0	999.9	99.9	999.9	94.1	73.
56.0	148.0	18243.7	69.0	-56.1	99.9	246.3	29.9	27.4	12.0	466.3	999.9	99.9	999.9	95.2	73.
56.7	149.0	18525.6	66.0	-57.2	99.9	246.9	32.9	30.1	12.9	469.8	999.9	99.9	999.9	96.7	73.
57.3	150.0	18819.2	63.0	-58.1	99.9	249.1	27.7	25.9	9.9	474.3	999.9	99.9	999.9	98.0	72.
57.9	151.0	19022.1	61.0	-58.9	99.9	251.7	24.6	23.4	7.7	476.8	999.9	99.9	999.9	98.4	72.
58.6	152.0	19333.0	58.0	-59.8	99.9	252.5	25.8	24.6	7.8	481.8	999.9	99.9	999.9	99.8	72.
59.4	153.0	19670.1	55.0	-59.6	99.9	252.5	23.9	22.8	7.2	489.6	999.9	99.9	999.9	100.8	72.
60.2	154.0	20020.5	52.0	-60.1	99.9	251.1	20.2	19.1	6.5	496.3	999.9	99.9	999.9	102.2	72.
61.1	155.0	20264.7	50.0	-61.2	99.9	246.1	14.7	13.4	5.9	499.4	999.9	99.9	999.9	102.7	72.
61.9	156.0	20647.6	47.0	-62.6	99.9	248.5	12.5	11.6	4.6	504.9	999.9	99.9	999.9	103.7	72.
62.7	157.0	20914.6	45.0	-64.5	99.9	250.6	18.7	17.6	6.2	506.7	999.9	99.9	999.9	104.1	72.
63.5	158.0	21335.6	42.0	-65.2	99.9	256.8	28.5	27.7	6.5	514.9	999.9	99.9	999.9	105.1	72.
64.2	159.0	21785.9	39.0	-66.2	99.9	256.3	29.7	28.8	7.0	523.4	999.9	99.9	999.9	106.8	72.
65.2	160.0	22270.5	36.0	-66.8	99.9	255.1	24.9	24.1	6.4	534.0	999.9	99.9	999.9	108.5	72.
66.5	161.0	22616.8	34.0	-65.8	99.9	265.3	19.3	19.2	1.6	545.4	999.9	99.9	999.9	109.3	73.
67.7	162.0	23177.6	31.0	-66.0	99.9	256.7	28.9	28.1	6.7	559.5	999.9	99.9	999.9	111.8	73.
69.1	163.0	23583.0	29.0	-65.2	99.9	267.1	29.2	29.2	1.5	572.4	999.9	99.9	999.9	113.9	73.
70.5	164.0	24248.4	26.0	-65.0	99.9	265.6	37.6	37.5	2.9	591.1	999.9	99.9	999.9	115.9	73.
72.1	165.0	25001.2	23.0	-62.0	99.9	264.5	33.0	32.9	3.2	621.0	999.9	99.9	999.9	120.4	74.
74.0	166.0	25878.0	20.0	-55.9	99.9	999.9	99.9	99.9	99.9	665.0	999.9	99.9	999.9	999.9	999.

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
1715 GMT

146 58. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	359.0	964.5	1.0	-2.4	260.0	5.2	5.1	0.9	277.4	286.1	3.3	78.0	0.0	0.
0.1	8.0	363.2	964.0	0.8	-2.3	999.9	99.9	99.9	99.9	277.2	285.9	3.4	80.0	999.9	999.
0.4	9.0	455.2	953.0	-0.4	-1.5	999.9	99.9	99.9	99.9	277.0	286.3	3.6	92.1	999.9	999.
0.7	10.0	548.1	942.0	-1.2	-1.7	999.9	99.9	99.9	99.9	277.1	286.4	3.6	96.0	999.9	999.
1.2	11.0	667.4	928.0	-2.0	-2.0	999.9	99.9	99.9	99.9	277.5	286.7	3.6	99.6	999.9	999.
1.6	12.0	753.6	918.0	-2.6	-2.7	999.9	99.9	99.9	99.9	277.7	286.6	3.4	99.5	999.9	999.
2.0	13.0	849.2	907.0	-3.1	-3.1	999.9	99.9	99.9	99.9	278.2	286.9	3.4	99.9	999.9	999.
2.3	14.0	945.9	896.0	-3.5	-3.6	254.6	10.6	10.2	2.8	278.6	287.2	3.3	99.6	1.2	73.
2.6	15.0	1043.5	885.0	-4.2	-4.2	256.3	10.9	10.5	2.6	279.0	287.3	3.2	99.8	1.4	74.
2.9	16.0	1151.3	873.0	-4.3	-4.3	258.7	10.5	10.3	2.0	279.9	288.3	3.2	100.0	1.6	74.
3.2	17.0	1242.1	863.0	-4.8	-4.8	260.8	10.1	10.0	1.6	280.3	288.5	3.1	99.4	1.8	74.
3.5	18.0	1342.9	852.0	-5.8	-6.0	262.8	9.7	9.6	1.2	280.2	287.8	2.9	99.0	2.0	75.
3.8	19.0	1435.4	842.0	-6.3	-6.3	263.7	10.4	10.4	1.1	280.7	288.2	2.8	99.9	2.2	76.
4.1	20.0	1528.9	832.0	-6.9	-7.0	266.1	11.3	11.3	0.8	281.0	288.3	2.7	99.4	2.4	76.
4.6	21.0	1642.2	820.0	-7.6	-7.8	272.0	13.4	13.4	-0.5	281.4	288.3	2.6	98.8	2.7	78.
5.0	22.0	1737.8	810.0	-7.8	-7.8	270.9	15.1	15.1	-0.2	282.2	289.3	2.6	100.3	3.1	80.
5.4	23.0	1853.9	798.0	-8.2	-8.2	267.3	14.7	14.6	0.7	282.9	289.9	2.6	99.9	3.4	81.
5.8	24.0	1951.8	788.0	-8.8	-9.0	266.2	14.3	14.3	0.9	283.3	290.0	2.5	98.6	3.8	81.
6.2	25.0	2040.8	779.0	-9.4	-9.5	265.5	14.7	14.6	1.1	283.6	290.1	2.4	99.2	4.1	82.
6.6	26.0	2160.8	767.0	-9.7	-9.7	263.7	15.7	15.6	1.7	284.5	291.1	2.4	100.0	4.5	82.
7.0	27.0	2262.1	757.0	-10.4	-10.4	260.4	17.1	16.8	2.8	284.8	291.1	2.3	99.9	4.8	82.
7.3	28.0	2354.4	748.0	-9.8	-9.8	260.4	17.0	16.8	2.8	286.4	293.1	2.4	99.9	5.2	82.
7.7	29.0	2458.2	738.0	-10.4	-10.8	260.8	16.8	16.6	2.7	286.9	293.2	2.3	96.7	5.6	82.
8.0	30.0	2552.6	729.0	-11.1	-11.9	261.4	16.5	16.3	2.4	287.1	293.0	2.1	94.2	5.9	81.
8.4	31.0	2648.1	720.0	-11.4	-12.5	263.3	16.0	15.9	1.9	287.8	293.4	2.0	91.2	6.3	82.
8.7	32.0	2755.3	710.0	-12.0	-13.4	264.7	15.8	15.8	1.5	288.3	293.7	1.9	89.4	6.6	82.
9.1	33.0	2863.8	700.0	-12.7	-14.3	266.6	15.9	15.9	0.9	288.6	293.7	1.8	87.4	6.9	82.
9.5	34.0	2951.5	692.0	-13.0	-14.5	268.1	16.3	16.3	0.5	289.3	294.4	1.8	88.1	7.3	82.
9.8	35.0	3051.3	683.0	-13.5	-15.5	268.4	16.8	16.8	0.5	289.7	294.5	1.7	85.1	7.6	83.
10.3	36.0	3174.8	672.0	-13.9	-16.3	267.5	17.6	17.6	0.8	290.6	295.2	1.6	82.0	8.1	83.
10.6	37.0	3277.1	663.0	-14.8	-17.8	266.2	18.1	18.0	1.2	290.7	294.9	1.4	77.8	8.4	83.
11.0	38.0	3380.5	654.0	-15.3	-19.3	264.0	18.7	18.6	2.0	291.2	294.9	1.3	71.2	8.8	83.
11.3	39.0	3485.1	645.0	-15.9	-19.4	262.5	19.2	19.0	2.5	291.8	295.5	1.3	74.2	9.2	83.
11.6	40.0	3579.1	637.0	-16.4	-20.0	261.3	19.6	19.4	3.0	292.2	295.8	1.2	73.9	9.6	83.
12.2	41.0	3710.0	626.0	-17.1	-20.7	260.7	20.1	19.9	3.2	292.8	296.3	1.2	73.6	10.3	83.
12.5	42.0	3806.4	618.0	-17.7	-21.3	261.1	20.3	20.1	3.2	293.3	296.6	1.1	72.8	10.7	83.
13.0	43.0	3916.1	609.0	-18.4	-22.1	261.9	20.3	20.1	2.9	293.7	296.9	1.1	72.3	11.2	83.
13.3	44.0	4027.2	600.0	-18.9	-22.5	261.8	20.2	20.0	2.9	294.4	297.5	1.0	72.7	11.7	83.
13.7	45.0	4127.1	592.0	-19.6	-23.6	261.0	20.1	19.8	3.1	294.7	297.6	1.0	70.1	12.1	83.
14.1	46.0	4228.1	584.0	-20.2	-24.7	259.6	20.2	19.9	3.7	295.0	297.7	0.9	67.0	12.6	83.
14.5	47.0	4330.2	576.0	-21.0	-26.4	258.1	20.7	20.2	4.3	295.2	297.6	0.8	62.0	13.1	82.
14.9	48.0	4433.3	568.0	-21.8	-27.9	257.7	21.0	20.5	4.5	295.5	297.6	0.7	57.8	13.6	82.
15.2	49.0	4537.5	560.0	-23.0	-29.3	258.0	21.0	20.5	4.4	295.3	297.1	0.6	56.5	14.0	82.
15.7	50.0	4642.8	552.0	-23.8	-30.6	258.9	20.6	20.2	4.0	295.5	297.2	0.5	53.4	14.6	82.
16.2	51.0	4762.7	543.0	-24.5	-32.0	259.1	20.1	19.8	3.8	296.1	297.6	0.5	49.4	15.2	82.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
1715 GMT

146 58. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
16.6	52.0	4870.7	535.0	-25.3	-33.3	258.2	20.1	19.6	4.1	296.4	297.8	0.4	46.6	15.7	82.
17.0	53.0	4979.9	527.0	-26.1	-35.0	256.8	20.4	19.9	4.7	296.8	297.9	0.4	42.7	16.1	82.
17.4	54.0	5090.4	519.0	-27.0	-36.6	256.2	21.0	20.4	5.0	296.9	298.0	0.3	39.4	16.7	82.
17.8	55.0	5188.2	512.0	-27.9	-38.2	256.0	21.7	21.0	5.3	297.0	297.9	0.3	36.4	17.2	81.
18.3	56.0	5315.3	503.0	-29.0	-39.8	255.9	22.5	21.8	5.5	297.2	298.0	0.2	34.0	17.8	81.
18.7	57.0	5429.8	495.0	-29.9	-40.4	255.7	22.7	22.0	5.6	297.4	298.2	0.2	34.7	18.4	81.
19.1	58.0	5531.1	488.0	-30.8	-41.4	255.4	22.5	21.7	5.7	297.5	298.2	0.2	34.2	19.0	81.
19.5	59.0	5648.3	480.0	-31.6	-41.7	255.3	22.0	21.2	5.6	298.0	298.6	0.2	35.6	19.5	81.
19.9	60.0	5752.0	473.0	-32.5	-42.5	255.5	22.1	21.4	5.5	298.1	298.7	0.2	35.6	19.9	81.
20.3	61.0	5856.9	466.0	-33.5	-43.5	255.7	22.7	22.0	5.6	298.1	298.6	0.2	35.6	20.5	80.
20.6	62.0	5962.9	459.0	-34.5	-44.2	255.8	23.3	22.6	5.7	298.2	298.7	0.2	36.0	20.9	80.
21.0	63.0	6070.2	452.0	-35.4	-44.8	255.7	24.0	23.3	5.9	298.3	298.9	0.2	37.0	21.4	80.
21.4	64.0	6178.7	445.0	-36.4	-45.7	255.4	23.4	22.6	5.9	298.3	298.8	0.1	37.2	22.1	80.
21.8	65.0	6288.4	438.0	-37.4	-46.5	254.9	22.3	21.5	5.8	298.5	299.0	0.1	37.4	22.7	80.
22.3	66.0	6415.4	430.0	-38.4	-47.5	254.4	21.3	20.5	5.7	298.7	299.1	0.1	37.5	23.2	80.
22.7	67.0	6528.0	423.0	-39.6	-48.5	254.1	21.3	20.5	5.8	298.6	299.0	0.1	37.8	23.7	80.
23.1	68.0	6625.5	417.0	-40.5	-49.9	254.0	21.7	20.9	6.0	298.8	299.9	99.9	999.9	24.3	80.
23.4	69.0	6740.7	410.0	-41.4	-49.9	254.0	21.9	21.0	6.0	299.1	299.9	99.9	999.9	24.7	80.
23.9	70.0	6840.5	404.0	-42.5	-49.9	254.3	22.3	21.5	6.0	298.9	299.9	99.9	999.9	25.2	79.
24.3	71.0	6992.2	395.0	-43.9	-49.9	255.0	22.7	21.9	5.9	299.1	299.9	99.9	999.9	25.8	79.
24.7	72.0	7094.9	389.0	-44.6	-49.9	255.5	22.7	22.0	5.7	299.5	299.9	99.9	999.9	26.4	79.
25.1	73.0	7198.7	383.0	-45.5	-49.9	255.5	22.2	21.5	5.6	299.5	299.9	99.9	999.9	27.0	79.
25.5	74.0	7321.4	376.0	-46.5	-49.9	254.7	21.4	20.7	5.6	299.8	299.9	99.9	999.9	27.4	79.
25.9	75.0	7428.1	370.0	-47.1	-49.9	253.8	20.6	19.8	5.7	300.4	299.9	99.9	999.9	28.0	79.
26.3	76.0	7536.1	364.0	-48.1	-49.9	253.2	19.8	19.0	5.7	300.5	299.9	99.9	999.9	28.5	79.
26.7	77.0	7645.4	358.0	-49.1	-49.9	252.6	19.8	18.9	5.9	300.5	299.9	99.9	999.9	28.9	79.
27.1	78.0	7756.1	352.0	-50.0	-49.9	252.0	21.0	19.9	6.5	300.8	299.9	99.9	999.9	29.3	79.
27.5	79.0	7868.3	346.0	-50.8	-49.9	251.4	23.5	22.3	7.5	301.3	299.9	99.9	999.9	29.8	79.
27.8	80.0	7982.2	340.0	-50.9	-49.9	251.3	25.5	24.2	8.2	302.6	299.9	99.9	999.9	30.3	78.
28.3	81.0	8117.7	333.0	-50.6	-49.9	251.0	27.9	26.4	9.1	304.8	299.9	99.9	999.9	31.1	78.
28.7	82.0	8216.3	328.0	-50.6	-49.9	250.2	29.1	27.4	9.9	306.1	299.9	99.9	999.9	31.8	78.
29.1	83.0	8336.7	322.0	-50.6	-49.9	249.3	30.8	28.8	10.9	307.7	299.9	99.9	999.9	32.6	78.
29.5	84.0	8459.4	316.0	-50.2	-49.9	248.9	33.9	31.6	12.2	310.0	299.9	99.9	999.9	33.1	78.
29.8	85.0	8563.5	311.0	-50.6	-49.9	249.0	36.9	34.5	13.2	310.8	299.9	99.9	999.9	33.8	78.
30.3	86.0	8712.0	304.0	-50.2	-49.9	249.0	39.9	37.2	14.3	313.5	299.9	99.9	999.9	35.1	77.
30.6	87.0	8820.3	299.0	-50.3	-49.9	248.8	40.4	37.7	14.6	314.8	299.9	99.9	999.9	35.9	77.
31.1	88.0	8930.2	294.0	-51.0	-49.9	248.6	40.6	37.8	14.8	315.2	299.9	99.9	999.9	37.0	77.
31.4	89.0	9041.7	287.0	-51.5	-49.9	248.8	41.9	39.0	15.1	316.1	299.9	99.9	999.9	37.6	77.
31.8	90.0	9155.0	284.0	-51.5	-49.9	249.1	43.7	40.8	15.6	317.7	299.9	99.9	999.9	38.7	76.
32.2	91.0	9270.3	279.0	-51.3	-49.9	249.3	44.3	41.5	15.6	319.6	299.9	99.9	999.9	39.9	76.
32.6	92.0	9411.5	273.0	-51.6	-49.9	249.3	43.6	40.8	15.4	321.1	299.9	99.9	999.9	41.0	76.
33.0	93.0	9507.3	269.0	-51.2	-49.9	248.9	42.7	39.8	15.3	323.1	299.9	99.9	999.9	41.9	76.
33.4	94.0	9629.3	264.0	-51.3	-49.9	248.5	43.8	40.7	16.1	324.6	299.9	99.9	999.9	42.8	76.
33.8	95.0	9778.5	258.0	-51.8	-49.9	248.6	45.1	42.0	16.4	326.1	299.9	99.9	999.9	43.9	76.
34.2	96.0	9905.3	253.0	-52.0	-49.9	249.1	46.0	42.9	16.4	327.7	299.9	99.9	999.9	45.1	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
1715 GMT

146 58. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.7	97.0	10034.6	248.0	-52.3	99.9	249.8	47.0	44.1	16.2	329.1	999.9	99.9	999.9	46.4	75.
35.0	98.0	10139.7	244.0	-52.6	99.9	250.1	48.0	45.2	16.4	330.2	999.9	99.9	999.9	47.1	75.
35.4	99.0	10273.5	239.0	-52.4	99.9	250.0	49.3	46.3	16.9	332.4	999.9	99.9	999.9	48.4	75.
35.7	100.0	10382.8	235.0	-52.0	99.9	249.6	48.8	45.8	17.0	334.7	999.9	99.9	999.9	49.4	75.
36.3	101.0	10550.2	229.0	-52.4	99.9	248.6	45.5	42.4	16.6	336.5	999.9	99.9	999.9	51.1	75.
36.6	102.0	10663.9	225.0	-53.0	99.9	248.4	43.7	40.6	16.1	337.3	999.9	99.9	999.9	51.9	75.
37.0	103.0	10779.7	221.0	-52.7	99.9	249.0	42.3	39.5	15.2	339.5	999.9	99.9	999.9	52.9	74.
37.5	104.0	10927.4	216.0	-52.7	99.9	250.4	42.9	40.4	14.4	341.7	999.9	99.9	999.9	54.1	74.
37.8	105.0	11048.1	212.0	-53.0	99.9	250.8	43.7	41.3	14.4	343.1	999.9	99.9	999.9	54.9	74.
38.3	106.0	11171.0	208.0	-52.6	99.9	251.0	44.6	42.2	14.5	345.7	999.9	99.9	999.9	56.2	74.
38.6	107.0	11296.5	204.0	-52.6	99.9	250.8	44.5	42.1	14.7	347.6	999.9	99.9	999.9	57.0	74.
39.0	108.0	11424.4	200.0	-52.6	99.9	250.2	43.4	40.9	14.7	349.6	999.9	99.9	999.9	58.2	74.
39.4	109.0	11555.0	196.0	-52.6	99.9	249.3	42.0	39.3	14.8	351.6	999.9	99.9	999.9	59.3	74.
39.8	110.0	11688.3	192.0	-52.3	99.9	248.3	42.4	39.4	15.7	354.1	999.9	99.9	999.9	60.1	74.
40.3	111.0	11859.0	187.0	-52.3	99.9	246.7	44.5	40.9	17.6	356.8	999.9	99.9	999.9	61.3	74.
40.6	112.0	11963.5	184.0	-53.0	99.9	245.7	45.4	41.4	18.6	357.2	999.9	99.9	999.9	62.2	74.
40.9	113.0	12105.2	180.0	-53.0	99.9	244.9	44.9	40.6	19.1	359.5	999.9	99.9	999.9	63.3	74.
41.3	114.0	12250.0	176.0	-53.2	99.9	244.4	44.0*	39.7	19.0	361.6	999.9	99.9	999.9	64.1	73.
41.7	115.0	12360.7	173.0	-53.5	99.9	244.5	43.5*	39.3	18.7	362.8	999.9	99.9	999.9	65.0	73.
42.3	116.0	12549.0	168.0	-54.4	99.9	245.0	42.4*	38.4	17.9	364.3	999.9	99.9	999.9	66.8	73.
42.6	117.0	12664.4	165.0	-54.9	99.9	245.0	41.2*	37.3	17.4	365.4	999.9	99.9	999.9	67.6	73.
43.0	118.0	12821.0	161.0	-55.7	99.9	245.0	39.6*	35.8	16.7	366.7	999.9	99.9	999.9	68.4	73.
43.4	119.0	12940.6	158.0	-56.2	99.9	245.3	41.6*	37.8	17.4	367.8	999.9	99.9	999.9	69.1	73.
43.8	120.0	13103.7	154.0	-55.8	99.9	245.0	44.3*	40.1	18.7	371.1	999.9	99.9	999.9	70.2	73.
44.3	121.0	13228.9	151.0	-55.8	99.9	244.2	45.6*	41.1	19.9	373.2	999.9	99.9	999.9	71.8	73.
44.6	122.0	13356.7	148.0	-55.8	99.9	243.6	45.4*	40.7	20.2	375.3	999.9	99.9	999.9	72.6	72.
45.0	123.0	13487.0	145.0	-56.0	99.9	243.2	44.6*	39.8	20.1	377.2	999.9	99.9	999.9	73.4	72.
45.5	124.0	13665.2	141.0	-55.4	99.9	242.8	45.3*	40.3	20.7	381.4	999.9	99.9	999.9	75.1	72.
45.8	125.0	13802.3	138.0	-55.4	99.9	242.4	46.8*	41.4	21.7	383.7	999.9	99.9	999.9	75.7	72.
46.5	126.0	13990.3	134.0	-54.7	99.9	241.4	50.0*	43.9	24.0	388.1	999.9	99.9	999.9	77.6	72.
46.8	127.0	14135.1	131.0	-54.9	99.9	240.6	50.0*	43.6	24.5	390.3	999.9	99.9	999.9	78.7	72.
47.3	128.0	14283.0	128.0	-55.5	99.9	239.5	49.9*	43.0	25.3	391.8	999.9	99.9	999.9	80.1	71.
47.7	129.0	14434.4	125.0	-54.7	99.9	239.5	49.2*	42.4	25.0	395.9	999.9	99.9	999.9	81.1	71.
48.2	130.0	14590.0	122.0	-54.3	99.9	241.4	46.0*	40.4	22.0	399.5	999.9	99.9	999.9	82.8	71.
48.8	131.0	14749.2	119.0	-55.4	99.9	246.0	38.5*	35.2	15.7	400.3	999.9	99.9	999.9	84.3	71.
49.3	132.0	14912.3	116.0	-54.9	99.9	249.4	35.0*	32.7	12.3	404.2	999.9	99.9	999.9	85.2	71.
49.7	133.0	15080.2	113.0	-53.9	99.9	250.6	34.6*	32.6	11.5	409.0	999.9	99.9	999.9	86.1	71.
50.2	134.0	15252.9	110.0	-53.9	99.9	250.9	34.6*	32.7	11.3	412.1	999.9	99.9	999.9	87.2	71.
50.6	135.0	15430.1	107.0	-54.7	99.9	251.0	33.8*	32.0	11.0	413.9	999.9	99.9	999.9	88.0	71.
51.2	136.0	15611.7	104.0	-55.7	99.9	251.6	32.8*	31.1	10.3	415.5	999.9	99.9	999.9	89.1	71.
51.7	137.0	15798.3	101.0	-55.2	99.9	252.8	34.8*	33.2	10.3	419.9	999.9	99.9	999.9	90.1	71.
52.3	138.0	15990.7	98.0	-55.5	99.9	253.5	40.6*	39.0	11.6	422.9	999.9	99.9	999.9	91.3	71.
52.8	139.0	16189.2	95.0	-54.9	99.9	253.8	42.3*	40.6	11.8	427.9	999.9	99.9	999.9	92.9	71.
53.4	140.0	16393.9	92.0	-55.7	99.9	257.5	36.9*	36.0	8.0	430.3	999.9	99.9	999.9	94.4	71.
54.1	141.0	16604.6	89.0	-56.8	99.9	267.2	31.0*	30.9	1.5	432.1	999.9	99.9	999.9	95.6	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
1715 GMT

146 58. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
54.8	142.0	16821.6	86.0	-57.3	99.9	269.5	30.4*	30.4	0.3	435.4	999.9	99.9	999.9	96.8	71.
55.6	143.0	17045.7	83.0	-58.0	99.9	265.5	31.6*	31.5	2.5	438.5	999.9	99.9	999.9	98.2	72.
56.1	144.0	17277.5	80.0	-58.5	99.9	263.2	30.9*	30.7	3.7	442.1	999.9	99.9	999.9	99.3	72.
56.8	145.0	17437.6	78.0	-56.0	99.9	257.9	28.6*	28.0	6.0	450.4	999.9	99.9	999.9	100.4	72.
57.5	146.0	17686.8	75.0	-56.5	99.9	248.8	31.8*	29.6	11.5	454.5	999.9	99.9	999.9	101.7	72.
58.0	147.0	17945.8	72.0	-56.7	99.9	246.2	38.4*	35.1	15.5	459.5	999.9	99.9	999.9	102.1	72.
58.7	148.0	18215.2	69.0	-57.5	99.9	246.2	34.5*	31.6	13.9	463.4	999.9	99.9	999.9	104.6	72.
59.4	149.0	18495.0	66.0	-59.0	99.9	243.0	19.8*	17.6	9.0	466.0	999.9	99.9	999.9	105.3	72.
60.2	150.0	18786.8	63.0	-59.0	99.9	999.9	99.9	99.9	99.9	472.2	999.9	99.9	999.9	999.9	999.
60.9	151.0	18989.1	61.0	-59.1	99.9	999.9	99.9	99.9	99.9	476.2	999.9	99.9	999.9	999.9	999.
61.7	152.0	19305.8	58.0	-58.5	99.9	999.9	99.9	99.9	99.9	484.7	999.9	99.9	999.9	999.9	999.

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
2035 GMT

155 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.6	359.0	963.5	1.0	-2.7	250.0	3.1	2.9	1.1	277.5	285.9	3.2	76.0	0.0	0.
0.1	9.0	396.6	959.0	0.6	-2.2	269.9	8.1	8.1	0.0	277.5	286.3	3.4	81.1	0.3	86.
0.4	10.0	480.7	949.0	-0.3	-2.6	269.9	8.1	8.1	0.0	277.4	286.0	3.3	84.6	0.3	86.
0.8	11.0	591.1	936.0	-0.8	-2.3	270.1	9.3	9.3	-0.0	278.0	287.0	3.5	89.9	0.4	87.
1.2	12.0	676.8	926.0	-1.8	-2.7	271.5	10.7	10.7	-0.3	277.9	286.6	3.4	93.0	0.7	88.
1.5	13.0	771.9	915.0	-2.2	-3.6	273.2	11.6	11.5	-0.6	278.3	286.7	3.2	90.2	0.9	89.
1.8	14.0	859.2	905.0	-2.9	-4.1	275.4	10.8	10.7	-1.0	278.5	286.7	3.1	90.8	1.1	90.
2.2	15.0	947.2	895.0	-3.6	-4.7	276.3	10.7	10.6	-1.2	278.6	286.5	3.0	92.3	1.3	92.
2.6	16.0	1053.8	883.0	-4.4	-5.1	274.5	11.6	11.5	-0.9	278.9	286.7	3.0	94.9	1.6	92.
2.9	17.0	1143.5	873.0	-5.2	-5.7	272.4	12.1	12.1	-0.5	279.0	286.5	2.9	96.1	1.8	92.
3.2	18.0	1233.9	863.0	-5.9	-6.3	269.1	11.7	11.7	0.2	279.1	286.4	2.8	97.0	2.0	92.
3.6	19.0	1325.2	853.0	-6.5	-6.9	264.6	11.0	10.9	1.0	279.4	286.5	2.7	96.9	2.3	92.
3.9	20.0	1408.1	844.0	-7.3	-7.7	264.0	11.0	11.0	1.1	279.4	286.2	2.5	96.8	2.5	91.
4.3	21.0	1519.7	832.0	-7.4	-7.9	267.9	11.4	11.4	0.4	280.4	287.2	2.5	96.6	2.7	90.
4.6	22.0	1613.9	822.0	-8.1	-8.9	271.1	11.7	11.7	-0.2	280.6	287.0	2.4	94.2	2.9	90.
4.9	23.0	1709.0	812.0	-8.3	-9.5	272.7	11.8	11.8	-0.6	281.4	287.6	2.3	91.0	3.2	90.
5.3	24.0	1795.6	803.0	-8.3	-9.7	268.7	13.4	13.4	0.3	282.3	288.5	2.3	89.8	3.4	91.
5.6	25.0	1883.1	794.0	-8.3	-10.1	265.8	14.9	14.9	1.1	283.2	289.3	2.2	86.6	3.7	91.
6.0	26.0	2001.3	782.0	-8.7	-11.3	264.5	17.0	16.9	1.6	283.9	289.6	2.1	81.7	4.1	90.
6.3	27.0	2091.0	773.0	-9.5	-11.7	265.7	16.9	16.8	1.3	284.1	289.6	2.0	83.4	4.4	89.
6.6	28.0	2181.4	764.0	-10.2	-12.1	266.4	16.8	16.8	1.1	284.2	289.7	2.0	85.4	4.7	89.
6.9	29.0	2272.7	755.0	-10.9	-12.3	265.7	16.8	16.8	1.3	284.4	289.9	2.0	89.0	5.0	89.
7.3	30.0	2364.7	746.0	-11.8	-12.9	261.4	16.5	16.4	2.5	284.5	289.7	1.9	91.3	5.4	89.
7.6	31.0	2458.0	737.0	-10.8	-11.4	258.2	16.4	16.1	3.4	286.6	292.6	2.2	94.7	5.7	88.
8.0	32.0	2552.5	728.0	-10.9	-12.7	256.3	16.5	16.0	3.9	287.4	292.9	2.0	86.2	6.1	87.
8.4	33.0	2648.0	719.0	-11.8	-14.7	256.9	16.4	16.0	3.7	287.5	292.3	1.7	78.5	6.5	86.
8.7	34.0	2744.5	710.0	-12.2	-15.2	257.2	16.3	15.9	3.6	288.0	292.7	1.6	78.0	6.8	86.
9.1	35.0	2841.9	701.0	-12.9	-15.7	257.1	16.0	15.6	3.6	288.3	292.8	1.6	79.2	7.1	86.
9.5	36.0	2973.6	689.0	-13.2	-15.7	255.7	15.8	15.3	3.9	289.4	294.1	1.6	81.3	7.5	85.
9.8	37.0	3062.5	681.0	-13.9	-16.3	253.8	15.7	15.1	4.4	289.6	294.1	1.6	81.9	7.8	85.
10.2	38.0	3163.6	672.0	-14.4	-16.6	251.5	15.8	14.9	5.0	290.0	294.5	1.5	83.2	8.2	84.
10.5	39.0	3254.3	664.0	-15.1	-16.8	249.9	15.9	15.0	5.5	290.3	294.7	1.5	86.6	8.4	84.
10.8	40.0	3345.9	656.0	-15.5	-17.1	249.7	16.2	15.2	5.6	290.8	295.2	1.5	87.6	8.7	83.
11.3	41.0	3473.5	645.0	-16.0	-17.3	250.7	16.4	15.5	5.4	291.7	296.2	1.5	89.4	9.2	83.
11.6	42.0	3567.5	637.0	-16.5	-17.9	251.7	16.5	15.7	5.2	292.1	296.4	1.5	88.6	9.5	82.
12.0	43.0	3674.4	628.0	-17.2	-18.7	252.6	16.5	15.7	4.9	292.5	296.6	1.4	87.7	9.9	82.
12.3	44.0	3770.5	620.0	-17.9	-19.3	252.7	16.5	15.7	4.9	292.8	296.7	1.3	88.1	10.2	82.
12.7	45.0	3867.6	612.0	-18.5	-19.9	252.9	16.7	15.9	4.9	293.1	296.9	1.3	89.2	10.6	81.
13.1	46.0	3965.6	604.0	-19.4	-20.5	253.6	17.1	16.4	4.8	293.3	296.9	1.2	90.3	10.9	81.
13.4	47.0	4064.7	596.0	-19.9	-22.9	254.6	17.8	17.2	4.7	293.7	296.8	1.0	77.1	11.2	81.
13.7	48.0	4164.9	588.0	-20.6	-27.5	255.8	18.5	17.9	4.5	294.1	296.1	0.7	53.8	11.6	81.
14.1	49.0	4266.1	580.0	-21.5	-28.9	257.3	19.1	18.6	4.2	294.1	296.0	0.6	51.2	12.0	80.
14.5	50.0	4368.4	572.0	-22.0	-29.9	258.3	18.9	18.5	3.8	294.6	296.4	0.6	48.8	12.6	80.
14.9	51.0	4498.0	562.0	-22.6	-30.9	257.3	18.4	18.0	4.0	295.5	297.1	0.5	46.3	13.0	80.
15.3	52.0	4603.1	554.0	-23.1	-33.0	255.5	18.6	18.0	4.7	296.1	297.4	0.4	39.5	13.4	80.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
2035 GMT

155 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.7	53.0	4696.2	547.0	-23.5	-33.1	253.6	19.1	18.3	5.4	296.7	298.0	0.4	40.6	13.8	80.
16.0	54.0	4803.8	539.0	-24.2	-33.3	252.3	19.5	18.6	5.9	297.1	298.5	0.4	42.2	14.2	80.
16.4	55.0	4912.8	531.0	-24.7	-34.4	251.3	19.6	18.5	6.3	297.8	299.0	0.4	39.6	14.7	80.
16.9	56.0	5037.0	522.0	-25.5	-36.0	250.3	20.1	18.9	6.8	298.3	299.4	0.3	36.4	15.2	79.
17.3	57.0	5134.8	515.0	-26.5	-37.3	249.2	21.0	19.6	7.4	298.1	299.1	0.3	35.2	15.7	79.
17.6	58.0	5233.5	508.0	-27.2	-38.1	248.3	21.6	20.1	8.0	298.5	299.4	0.3	34.5	16.1	79.
18.0	59.0	5347.7	500.0	-28.1	-39.2	246.7	21.9	20.2	8.7	298.7	299.6	0.2	33.4	16.6	78.
18.3	60.0	5463.2	492.0	-29.2	-40.2	246.1	21.7	19.9	8.8	298.8	299.6	0.2	33.2	17.0	78.
18.7	61.0	5550.8	486.0	-30.0	-41.1	246.1	21.6	19.7	8.8	298.9	299.6	0.2	32.7	17.5	78.
19.1	62.0	5668.8	478.0	-30.8	-42.4	247.1	21.7	20.0	8.5	299.3	300.0	0.2	30.7	18.0	77.
19.4	63.0	5758.4	472.0	-31.5	-43.8	248.3	22.0	20.5	8.1	299.4	300.0	0.2	28.3	18.4	77.
19.8	64.0	5863.9	465.0	-32.5	-45.3	250.1	22.9	21.6	7.8	299.6	300.1	0.1	26.3	18.9	77.
20.1	65.0	5970.6	458.0	-33.5	-46.4	251.3	23.9	22.6	7.6	299.6	300.0	0.1	25.7	19.3	77.
20.6	66.0	6109.6	449.0	-34.7	-47.7	252.9	26.0	24.9	7.7	299.8	300.1	0.1	25.0	20.0	77.
20.9	67.0	6219.1	442.0	-35.5	-48.2	253.4	27.1	26.0	7.8	300.1	300.5	0.1	25.5	20.6	77.
21.3	68.0	6330.0	435.0	-36.6	-48.7	253.5	28.5	27.3	8.1	300.1	300.5	0.1	26.9	21.2	76.
21.6	69.0	6442.3	428.0	-37.4	-48.9	253.5	29.6	28.4	8.4	300.5	300.8	0.1	28.5	21.7	76.
21.9	70.0	6523.2	423.0	-38.7	-49.8	253.4	31.2	29.9	8.9	299.8	300.1	0.1	29.5	22.3	76.
22.4	71.0	6670.6	414.0	-39.7	-50.4	253.2	32.9	31.5	9.5	300.4	300.7	0.1	30.4	23.2	76.
22.7	72.0	6770.2	408.0	-40.6	99.9	252.9	32.3	30.9	9.5	300.5	999.9	99.9	999.9	23.9	76.
23.1	73.0	6904.8	400.0	-41.7	99.9	252.4	30.4	28.9	9.2	300.8	999.9	99.9	999.9	24.9	76.
23.5	74.0	6989.9	395.0	-42.5	99.9	251.7	28.0	26.6	8.8	300.8	999.9	99.9	999.9	25.2	76.
23.9	75.0	7110.4	388.0	-43.5	99.9	250.9	28.6	27.0	9.4	301.1	999.9	99.9	999.9	26.0	76.
24.3	76.0	7215.0	382.0	-44.6	99.9	249.8	30.8	28.9	10.7	300.9	999.9	99.9	999.9	26.6	76.
24.6	77.0	7320.8	376.0	-45.3	99.9	248.9	32.7	30.5	11.8	301.4	999.9	99.9	999.9	27.1	76.
25.0	78.0	7445.9	369.0	-46.3	99.9	247.6	34.5	31.9	13.1	301.7	999.9	99.9	999.9	28.1	75.
25.4	79.0	7554.6	363.0	-47.3	99.9	246.4	35.3	32.3	14.1	301.7	999.9	99.9	999.9	28.9	75.
25.8	80.0	7664.5	357.0	-48.5	99.9	245.6	37.1	33.8	15.4	301.6	999.9	99.9	999.9	29.7	75.
26.2	81.0	7794.5	350.0	-49.7	99.9	245.4	40.6	36.9	16.9	301.7	999.9	99.9	999.9	30.6	75.
26.6	82.0	7907.4	344.0	-50.6	99.9	245.7	45.0	41.0	13.6	302.0	999.9	99.9	999.9	31.5	74.
26.9	83.0	8022.0	338.0	-51.2	99.9	245.7	47.6	43.4	13.6	302.7	999.9	99.9	999.9	32.3	74.
27.3	84.0	8138.3	332.0	-51.8	99.9	245.4	47.6	43.3	13.8	303.4	999.9	99.9	999.9	33.8	74.
27.6	85.0	8236.7	327.0	-51.5	99.9	245.2	46.4	42.2	19.4	305.2	999.9	99.9	999.9	34.8	74.
28.0	86.0	8377.5	320.0	-50.6	99.9	245.3	44.2	40.2	18.5	308.3	999.9	99.9	999.9	35.4	73.
28.4	87.0	8501.0	314.0	-50.1	99.9	245.9	44.9	41.0	18.4	310.6	999.9	99.9	999.9	36.6	73.
28.8	88.0	8605.8	309.0	-50.3	99.9	245.9	46.9	42.8	13.2	311.8	999.9	99.9	999.9	37.7	73.
29.2	89.0	8733.8	303.0	-50.3	99.9	245.4	49.5	45.0	20.6	313.6	999.9	99.9	999.9	38.8	73.
29.7	90.0	8842.4	298.0	-50.6	99.9	244.3	53.0	47.7	22.9	314.7	999.9	99.9	999.9	40.3	72.
30.0	91.0	8952.5	293.0	-51.2	99.9	243.8	54.9	49.3	24.3	315.3	999.9	99.9	999.9	41.2	72.
30.3	92.0	9087.0	287.0	-51.4	99.9	243.3	55.3	49.4	24.9	317.0	999.9	99.9	999.9	42.3	72.
30.7	93.0	9201.0	282.0	-52.0	99.9	242.7	55.0	48.9	25.2	317.7	999.9	99.9	999.9	43.7	72.
31.1	94.0	9316.9	277.0	-52.0	99.9	242.4	53.9	47.7	25.0	319.3	999.9	99.9	999.9	44.9	71.
31.5	95.0	9435.0	272.0	-51.5	99.9	242.4	53.3	47.3	24.7	321.7	999.9	99.9	999.9	46.2	71.
32.0	96.0	9579.8	266.0	-51.7	99.9	242.5	53.9	47.8	24.8	323.5	999.9	99.9	999.9	47.8	71.
32.4	97.0	9702.7	261.0	-52.4	99.9	242.5	53.3	47.3	24.6	324.1	999.9	99.9	999.9	49.1	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
2035 GMT

155 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C.	DIR DG	SPFED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.9	98.0	9827.8	256.0	-52.4	99.9	243.0	51.0	45.4	23.1	325.9	999.9	99.9	999.9	50.7	70.
33.3	99.0	9955.3	251.0	-52.3	99.9	244.0	49.2*	44.2	21.5	328.0	999.9	99.9	999.9	51.9	70.
33.7	100.0	10085.5	246.0	-52.3	99.9	244.7	48.0*	43.4	20.6	329.9	999.9	99.9	999.9	52.9	70.
34.3	101.0	10245.2	240.0	-52.4	99.9	243.8	46.4*	41.7	20.5	332.0	999.9	99.9	999.9	54.8	70.
34.7	102.0	10381.5	235.0	-52.0	99.9	242.8	45.3*	40.3	20.7	334.7	999.9	99.9	999.9	55.9	70.
35.1	103.0	10492.9	231.0	-51.4	99.9	242.3	45.1*	40.0	21.0	337.3	999.9	99.9	999.9	56.7	70.
35.5	104.0	10635.1	226.0	-51.2	99.9	242.7	47.0*	41.8	21.5	339.6	999.9	99.9	999.9	57.9	69.
35.9	105.0	10751.1	222.0	-51.5	99.9	243.2	48.8*	43.6	22.0	340.9	999.9	99.9	999.9	59.0	69.
36.3	106.0	10898.7	217.0	-52.3	99.9	243.4	47.9*	42.9	21.4	341.9	999.9	99.9	999.9	60.3	69.
36.7	107.0	11049.6	212.0	-52.1	99.9	243.6	45.3*	40.6	20.2	344.5	999.9	99.9	999.9	61.5	69.
37.2	108.0	11172.6	208.0	-53.2	99.9	244.1	42.6*	38.3	18.6	344.6	999.9	99.9	999.9	62.7	69.
37.6	109.0	11297.5	204.0	-54.0	99.9	244.9	43.5*	39.4	18.4	345.3	999.9	99.9	999.9	63.5	69.
38.1	110.0	11424.5	200.0	-54.3	99.9	245.8	48.1*	43.9	19.7	346.8	999.9	99.9	999.9	64.9	69.
38.6	111.0	11619.9	194.0	-54.1	99.9	245.7	50.2*	45.7	20.7	350.1	999.9	99.9	999.9	66.6	69.
39.1	112.0	11753.5	190.0	-54.3	99.9	244.9	47.3*	42.8	20.1	351.9	999.9	99.9	999.9	68.1	69.
39.6	113.0	11889.9	186.0	-54.3	99.9	244.6	43.8*	39.6	13.8	354.1	999.9	99.9	999.9	69.5	69.
40.1	114.0	12029.2	182.0	-54.3	99.9	245.0	43.6*	39.5	13.4	356.3	999.9	99.9	999.9	70.5	69.
40.6	115.0	12171.8	178.0	-54.0	99.9	245.0	44.5*	40.4	13.8	359.1	999.9	99.9	999.9	72.0	69.
41.3	116.0	12354.5	173.0	-54.3	99.9	245.6	45.5*	41.5	13.8	361.5	999.9	99.9	999.9	73.8	68.
41.8	117.0	12504.6	169.0	-54.0	99.9	247.4	47.8*	44.1	13.4	364.4	999.9	99.9	999.9	75.1	68.
42.3	118.0	12658.6	165.0	-52.4	99.9	243.7	48.8*	45.5	17.7	368.0	999.9	99.9	999.9	76.8	68.
42.8	119.0	12816.4	161.0	-54.0	99.9	248.7	46.8*	43.6	17.0	369.5	999.9	99.9	999.9	78.1	68.
43.4	120.0	13018.6	156.0	-54.6	99.9	247.6	41.6*	38.4	15.9	371.8	999.9	99.9	999.9	80.0	68.
43.8	121.0	13142.7	153.0	-55.3	99.9	247.3	39.0*	36.0	15.0	372.8	999.9	99.9	999.9	80.9	68.
44.4	122.0	13269.1	150.0	-55.3	99.9	247.0	39.8*	36.0	15.6	374.9	999.9	99.9	999.9	81.8	68.
44.9	123.0	13441.6	146.0	-55.3	99.9	245.5	41.4*	37.6	17.1	377.8	999.9	99.9	999.9	83.5	68.
45.4	124.0	13618.6	142.0	-55.9	99.9	244.4	41.0*	36.9	17.7	379.7	999.9	99.9	999.9	84.7	68.
46.0	125.0	13754.8	139.0	-55.1	99.9	246.2	42.4*	38.8	17.1	383.4	999.9	99.9	999.9	85.6	68.
46.6	126.0	13988.8	134.0	-55.1	99.9	249.4	41.5*	38.8	14.6	387.5	999.9	99.9	999.9	87.9	68.
47.2	127.0	14133.2	131.0	-55.6	99.9	250.0	38.1*	35.8	13.1	389.1	999.9	99.9	999.9	89.0	68.
47.7	128.0	14331.0	127.0	-55.3	99.9	248.4	39.4*	36.6	14.5	393.2	999.9	99.9	999.9	90.0	68.
48.3	129.0	14483.5	124.0	-55.4	99.9	246.5	42.4*	38.9	16.9	395.6	999.9	99.9	999.9	91.7	68.
48.8	130.0	14639.6	121.0	-55.6	99.9	246.0	43.8*	40.0	17.8	398.0	999.9	99.9	999.9	93.0	68.
49.5	131.0	14853.7	117.0	-55.9	99.9	247.2	48.7*	44.9	13.9	401.3	999.9	99.9	999.9	94.3	68.
50.0	132.0	15075.0	113.0	-56.1	99.9	248.2	47.8*	44.4	17.7	405.0	999.9	99.9	999.9	96.8	68.
50.5	133.0	15246.1	110.0	-55.9	99.9	250.0	39.1*	36.8	13.4	408.4	999.9	99.9	999.9	97.9	68.
51.2	134.0	15422.7	107.0	-54.3	99.9	255.6	35.2*	34.0	8.8	414.7	999.9	99.9	999.9	99.0	68.
51.9	135.0	15667.8	103.0	-52.7	99.9	256.1	41.5*	40.3	10.0	422.3	999.9	99.9	999.9	100.4	68.
52.7	136.0	15858.7	100.0	-52.7	99.9	254.0	39.8*	38.3	11.0	425.9	999.9	99.9	999.9	102.9	69.
53.5	137.0	16122.2	96.0	-52.7	99.9	255.2	33.1*	32.0	8.4	430.9	999.9	99.9	999.9	104.5	69.
54.3	138.0	16326.5	93.0	-54.3	99.9	255.0	38.1*	36.8	9.9	431.7	999.9	99.9	999.9	105.8	69.
55.1	139.0	16608.1	89.0	-54.6	99.9	256.8	35.3*	34.4	3.1	436.5	999.9	99.9	999.9	108.4	69.
56.0	140.0	16902.7	85.0	-54.3	99.9	260.3	41.4*	40.8	7.0	442.9	999.9	99.9	999.9	109.3	69.
56.8	141.0	17132.6	82.0	-55.1	99.9	259.6	36.9*	36.3	5.6	445.9	999.9	99.9	999.9	112.0	69.
57.8	142.0	17450.9	78.0	-56.6	99.9	258.7	19.6*	19.2	3.9	449.3	999.9	99.9	999.9	113.3	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
2035 GMT

155 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.6	143.0	17699.7	75.0	-56.7	99.9	249.0	23.8*	22.2	3.5	454.0	999.9	99.9	999.9	114.3	69.
59.5	144.0	17957.9	72.0	-57.6	99.9	248.0	17.0*	15.7	5.3	457.6	999.9	99.9	999.9	115.9	69.
60.3	145.0	18318.9	68.0	-57.6	99.9	237.4	12.3*	10.3	6.6	465.1	999.9	99.9	999.9	116.0	69.
61.2	146.0	18602.8	65.0	-59.1	99.9	234.2	22.7*	18.4	13.3	467.8	999.9	99.9	999.9	116.9	69.
62.0	147.0	18999.2	61.0	-61.0	99.9	239.3	32.8*	28.2	16.8	472.1	999.9	99.9	999.9	118.4	69.
62.9	148.0	19311.2	58.0	-62.9	99.9	246.9	21.3*	19.6	8.3	474.8	999.9	99.9	999.9	120.3	69.
63.9	149.0	19638.7	55.0	-62.5	99.9	254.8	21.7*	20.9	5.7	482.9	999.9	99.9	999.9	121.0	69.
64.8	150.0	19985.1	52.0	-62.1	99.9	249.9	40.8*	38.3	14.0	491.6	999.9	99.9	999.9	122.5	69.
65.8	151.0	20478.8	48.0	-63.0	99.9	250.8	29.9*	28.2	9.8	500.8	999.9	99.9	999.9	125.0	69.
66.9	152.0	20874.0	45.0	-65.1	99.9	259.0	31.7*	31.1	6.0	505.0	999.9	99.9	999.9	126.8	69.
68.2	153.0	21294.6	42.0	-64.9	99.9	263.2	28.6*	28.4	3.4	515.5	999.9	99.9	999.9	129.3	69.
69.4	154.0	21747.8	39.0	-63.8	99.9	259.9	43.0*	42.3	7.5	529.5	999.9	99.9	999.9	131.6	70.
70.6	155.0	22237.8	36.0	-64.6	99.9	260.3	30.7*	30.3	5.2	539.8	999.9	99.9	999.9	134.5	70.
72.0	156.0	22773.0	33.0	-61.7	99.9	259.8	24.7*	24.3	4.4	560.8	999.9	99.9	999.9	136.4	70.
73.6	157.0	23577.8	29.0	-59.3	99.9	255.9	27.8*	26.9	5.7	588.8	999.9	99.9	999.9	139.5	70.
75.3	158.0	24023.3	27.0	-61.4	99.9	262.2	32.4*	32.1	4.4	595.0	999.9	99.9	999.9	142.2	70.
77.2	159.0	25021.2	23.0	-60.0	99.9	258.9	20.3*	20.0	3.9	627.1	999.9	99.9	999.9	145.5	71.
79.2	160.0	25892.9	20.0	-60.5	99.9	263.1	12.9*	12.8	1.5	651.0	999.9	99.9	999.9	147.5	71.
81.5	161.0	26905.3	17.0	-60.5	99.9	255.2	40.5*	39.1	10.3	682.0	999.9	99.9	999.9	152.0	71.
84.3	162.0	28122.1	14.0	-57.9	99.9	999.9	99.9	99.9	99.9	729.7	999.9	99.9	999.9	999.9	999.

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
2315 GMT

153 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.0	359.0	963.8	-0.2	-1.5	250.0	3.6	3.4	1.2	276.3	285.5	3.6	91.0	0.0	0.
0.3	9.0	449.3	953.0	0.0	-0.6	270.1	6.9	6.9	-0.0	277.5	287.4	3.9	95.8	0.3	78.
0.6	10.0	533.7	943.0	-1.6	-1.8	269.4	7.0	7.0	0.1	276.6	285.8	3.5	97.9	0.3	80.
1.1	11.0	644.3	930.0	-2.0	-2.0	267.5	7.8	7.8	0.3	277.3	286.4	3.5	100.9	0.5	84.
1.4	12.0	730.2	920.0	-2.5	-2.5	269.0	9.0	9.0	0.2	277.6	286.6	3.5	100.8	0.6	84.
1.8	13.0	834.4	908.0	-3.1	-3.1	272.0	10.0	10.0	-0.3	278.0	286.7	3.3	100.7	0.9	86.
2.1	14.0	930.8	897.0	-3.9	-3.9	273.5	10.2	10.2	-0.6	278.2	286.5	3.2	100.6	1.1	87.
2.5	15.0	1019.4	887.0	-4.4	-4.4	273.2	9.5	9.5	-0.5	278.6	286.8	3.1	100.3	1.3	88.
3.0	16.0	1135.6	874.0	-5.4	-5.5	273.6	9.6	9.6	-0.6	278.6	286.3	2.9	99.6	1.6	89.
3.3	17.0	1225.8	864.0	-6.3	-6.4	273.9	10.1	10.1	-0.7	278.6	285.8	2.7	99.4	1.8	90.
3.7	18.0	1326.0	853.0	-6.9	-7.1	274.9	10.1	10.1	-0.9	278.9	285.9	2.6	98.4	2.0	90.
4.0	19.0	1418.0	843.0	-7.7	-7.8	276.4	9.7	9.6	-1.1	279.1	285.8	2.5	99.0	2.2	91.
4.4	20.0	1520.2	832.0	-8.2	-8.4	276.3	9.7	9.7	-1.1	279.5	286.0	2.4	98.4	2.4	91.
4.8	21.0	1633.0	820.0	-8.7	-9.0	272.7	10.0	10.0	-0.5	280.2	286.6	2.4	97.9	2.7	92.
5.1	22.0	1728.0	810.0	-9.6	-9.8	270.7	10.3	10.3	-0.1	280.2	286.3	2.2	97.7	2.8	92.
5.5	23.0	1833.6	799.0	-10.1	-10.3	271.7	10.7	10.7	-0.3	280.7	286.6	2.2	98.6	3.1	91.
5.8	24.0	1930.6	789.0	-11.0	-11.2	271.5	11.3	11.3	-0.3	280.8	286.4	2.1	98.5	3.3	92.
6.2	25.0	2028.6	779.0	-11.4	-11.6	269.4	11.8	11.8	0.1	281.4	286.9	2.0	98.7	3.6	92.
6.6	26.0	2147.8	767.0	-11.3	-11.4	266.9	12.2	12.2	0.7	282.8	288.5	2.1	98.9	3.9	91.
6.9	27.0	2246.6	757.0	-11.3	-11.4	268.0	12.5	12.5	0.4	283.8	289.6	2.1	99.2	4.1	91.
7.3	28.0	2350.7	747.0	-11.6	-11.7	268.8	12.7	12.7	0.3	284.6	290.4	2.1	99.1	4.4	91.
7.7	29.0	2453.9	737.0	-12.1	-12.3	263.7	13.0	13.0	0.3	285.1	290.7	2.0	98.5	4.7	91.
8.1	30.0	2547.9	728.0	-12.7	-13.0	267.4	13.5	13.5	0.6	285.4	290.8	1.9	97.3	5.0	91.
8.5	31.0	2653.5	718.0	-13.0	-13.5	265.4	14.1	14.1	1.1	286.2	291.5	1.9	96.1	5.3	91.
8.9	32.0	2749.7	709.0	-13.1	-13.6	264.4	14.3	14.3	1.4	287.1	292.4	1.9	96.1	5.7	90.
9.3	33.0	2857.8	699.0	-14.0	-14.5	264.7	14.2	14.2	1.3	287.3	292.4	1.8	96.0	6.0	90.
9.7	34.0	2956.2	690.0	-14.5	-15.0	265.6	14.0	14.0	1.1	287.8	292.7	1.7	95.9	6.4	89.
10.1	35.0	3055.6	681.0	-15.5	-16.0	266.1	13.8	13.8	0.9	287.8	292.3	1.6	95.7	6.7	89.
10.5	36.0	3178.5	670.0	-16.0	-16.6	265.3	13.6	13.5	1.1	288.5	292.9	1.6	95.6	7.0	89.
10.9	37.0	3280.3	661.0	-16.9	-17.4	263.9	13.1	13.0	1.4	288.7	292.9	1.5	95.5	7.4	89.
11.2	38.0	3374.7	651.0	-17.5	-18.3	263.2	12.9	12.8	1.5	289.1	293.2	1.4	94.0	7.6	89.
11.7	39.0	3498.8	642.0	-18.2	-19.1	262.5	13.1	12.9	1.7	289.5	293.3	1.3	93.0	7.9	88.
12.1	40.0	3604.2	633.0	-18.9	-19.8	262.0	13.5	13.4	1.9	289.9	293.6	1.3	92.7	8.2	88.
12.4	41.0	3722.6	623.0	-20.0	-20.0	261.3	13.8	13.7	2.1	290.0	293.4	1.2	92.3	8.5	88.
12.8	42.0	3830.4	614.0	-20.9	-21.8	260.0	14.1	13.9	2.4	290.1	293.3	1.1	92.4	8.9	88.
13.2	43.0	3951.5	604.0	-22.0	-22.8	258.8	14.6	14.3	2.8	290.2	293.2	1.0	92.9	9.2	87.
13.6	44.0	4061.9	595.0	-22.8	-23.6	257.8	15.4	15.0	3.3	290.5	293.3	0.9	92.8	9.5	87.
13.8	45.0	4161.0	587.0	-23.6	-24.2	257.4	15.9	15.5	3.5	290.7	293.4	0.9	94.5	9.7	87.
14.2	46.0	4273.9	578.0	-24.3	-24.6	256.6	16.6	16.2	3.9	291.2	293.9	0.9	97.2	10.1	87.
14.6	47.0	4375.7	570.0	-23.5	-27.0	255.6	16.9	16.3	4.2	293.3	295.4	0.7	68.4	10.5	86.
14.9	48.0	4492.2	561.0	-23.3	-30.4	255.0	16.6	16.0	4.3	294.8	296.5	0.5	52.0	10.8	86.
15.2	49.0	4597.2	553.0	-23.9	-31.5	254.6	16.2	15.6	4.3	295.3	296.9	0.5	49.1	11.1	86.
15.7	50.0	4703.5	545.0	-24.8	-33.0	254.8	15.6	15.0	4.1	295.5	296.8	0.4	46.1	11.6	85.
16.1	51.0	4838.0	535.0	-25.4	-34.3	255.3	15.3	14.8	3.9	296.2	297.5	0.4	43.1	11.9	85.
16.4	52.0	4947.2	527.0	-26.2	-35.3	255.3	15.2	14.7	3.9	296.6	297.7	0.4	42.0	12.2	85.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
2315 GMT

153 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.9	53.0	5057.7	519.0	-26.9	-34.1	253.9	15.1	14.5	4.2	297.1	298.4	0.4	50.1	12.7	84.
17.3	54.0	5155.5	512.0	-27.8	-34.9	252.4	15.0	14.3	4.5	297.1	298.3	0.4	50.3	13.0	84.
17.8	55.0	5268.4	504.0	-28.9	-36.1	251.3	15.1	14.3	4.9	297.2	298.3	0.3	49.4	13.4	83.
18.2	56.0	5397.1	495.0	-29.9	-37.3	251.1	15.3	14.5	5.0	297.4	298.4	0.3	48.1	13.8	83.
18.6	57.0	5513.0	487.0	-30.8	-38.1	251.1	15.5	14.7	5.0	297.6	298.6	0.3	48.5	14.2	83.
19.1	58.0	5630.4	479.0	-31.6	-39.1	250.6	15.6	14.7	5.2	298.1	298.9	0.3	47.1	14.6	82.
19.4	59.0	5749.3	471.0	-32.8	-40.4	249.7	15.6	14.6	5.4	298.0	298.8	0.2	46.4	14.9	82.
19.9	60.0	5854.5	464.0	-33.8	-41.9	247.8	15.7	14.5	5.9	298.2	298.8	0.2	43.1	15.3	82.
20.2	61.0	5976.2	456.0	-34.6	-44.0	247.4	15.8	14.6	6.1	298.6	299.2	0.2	37.2	15.6	82.
20.7	62.0	6084.2	449.0	-35.2	-43.1	248.2	16.1	14.9	6.0	299.1	299.7	0.2	43.8	16.1	81.
21.2	63.0	6209.3	441.0	-36.2	-43.3	249.8	16.6	15.6	5.7	299.5	300.1	0.2	47.2	16.5	81.
21.4	64.0	6320.1	434.0	-37.4	-43.7	250.2	16.9	15.9	5.7	299.3	299.9	0.2	50.9	16.8	81.
21.9	65.0	6432.1	427.0	-38.6	-44.0	248.4	17.4	16.2	6.4	299.2	299.8	0.2	55.8	17.3	81.
22.3	66.0	6578.2	418.0	-39.4	-43.9	245.5	17.8	16.2	7.4	300.0	300.6	0.2	61.6	17.7	80.
22.7	67.0	6693.6	411.0	-40.5	99.9	243.1	18.5	16.5	8.4	300.1	999.9	99.9	999.9	18.1	80.
23.1	68.0	6810.4	404.0	-41.7	99.9	242.1	19.2	17.0	9.0	299.9	999.9	99.9	999.9	18.5	79.
23.6	69.0	6945.6	396.0	-42.8	99.9	243.2	19.8	17.7	9.9	300.2	999.9	99.9	999.9	19.1	79.
24.0	70.0	7048.4	390.0	-43.7	99.9	244.7	19.9	18.0	9.5	300.4	999.9	99.9	999.9	19.5	78.
24.5	71.0	7187.3	382.0	-45.1	99.9	245.0	19.8	18.0	8.4	300.4	999.9	99.9	999.9	20.2	78.
24.9	72.0	7310.5	375.0	-46.4	99.9	244.1	20.0	18.0	8.7	300.2	999.9	99.9	999.9	20.6	78.
25.3	73.0	7435.5	368.0	-47.2	99.9	243.6	20.5	18.4	9.1	300.7	999.9	99.9	999.9	21.1	77.
25.8	74.0	7543.9	362.0	-48.7	99.9	241.6	21.3	19.1	9.5	300.2	999.9	99.9	999.9	21.7	77.
26.1	75.0	7653.6	356.0	-49.4	99.9	243.5	21.6	19.3	9.6	300.6	999.9	99.9	999.9	22.1	77.
26.6	76.0	7783.4	349.0	-50.6	99.9	241.8	21.3	18.8	10.1	300.7	999.9	99.9	999.9	22.7	76.
27.0	77.0	7915.1	342.0	-51.7	99.9	239.3	21.3	18.3	10.8	301.0	999.9	99.9	999.9	23.2	76.
27.5	78.0	8010.4	337.0	-52.6	99.9	237.4	23.3	19.6	12.5	301.0	999.9	99.9	999.9	23.7	76.
27.8	79.0	8126.2	331.0	-53.7	99.9	237.2	25.5	21.5	13.8	301.0	999.9	99.9	999.9	24.2	75.
28.2	80.0	8263.7	324.0	-53.4	99.9	237.1	28.9	24.3	15.7	303.3	999.9	99.9	999.9	24.8	75.
28.8	81.0	8404.6	317.0	-52.2	99.9	237.5	34.2	28.8	18.4	307.0	999.9	99.9	999.9	25.8	74.
29.1	82.0	8528.6	311.0	-51.2	99.9	237.9	36.3	30.8	19.3	309.9	999.9	99.9	999.9	26.5	74.
29.6	83.0	8655.3	305.0	-50.8	99.9	238.5	38.3	32.7	20.0	312.3	999.9	99.9	999.9	27.7	73.
30.1	84.0	8784.8	299.0	-50.5	99.9	238.9	39.2	33.5	20.2	314.5	999.9	99.9	999.9	28.7	72.
30.6	85.0	8917.0	293.0	-50.6	99.9	238.9	39.7	34.0	20.5	316.1	999.9	99.9	999.9	29.9	72.
31.1	86.0	9052.0	287.0	-50.0	99.9	238.4	40.4	34.4	21.2	318.9	999.9	99.9	999.9	31.1	71.
31.5	87.0	9190.0	281.0	-50.5	99.9	238.0	41.8	35.5	22.2	320.1	999.9	99.9	999.9	31.9	71.
32.1	88.0	9307.0	276.0	-50.8	99.9	237.9	45.5	38.6	24.2	321.3	999.9	99.9	999.9	33.5	70.
32.5	89.0	9450.1	270.0	-50.9	99.9	238.0	46.7	39.6	24.7	323.2	999.9	99.9	999.9	34.7	70.
32.9	90.0	9596.4	264.0	-50.8	99.9	238.6	45.7	39.0	23.8	325.5	999.9	99.9	999.9	35.9	70.
33.4	91.0	9721.0	259.0	-50.6	99.9	239.6	44.7	38.6	22.6	327.5	999.9	99.9	999.9	37.0	69.
33.9	92.0	9925.3	251.0	-50.9	99.9	240.7	44.7	39.0	21.9	330.0	999.9	99.9	999.9	38.5	69.
34.4	93.0	10056.3	246.0	-50.8	99.9	241.2	45.1	39.5	21.7	332.1	999.9	99.9	999.9	39.7	69.
34.9	94.0	10190.2	241.0	-50.5	99.9	240.7	45.3	39.5	22.2	334.5	999.9	99.9	999.9	41.1	68.
35.3	95.0	10326.7	236.0	-51.1	99.9	239.8	45.4	39.2	22.8	335.6	999.9	99.9	999.9	42.2	68.
35.9	96.0	10494.0	230.0	-51.7	99.9	239.5	45.7	39.4	23.2	337.2	999.9	99.9	999.9	43.7	68.
36.3	97.0	10636.4	225.0	-52.2	99.9	240.4	45.8	39.9	22.6	338.6	999.9	99.9	999.9	44.9	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
2315 GMT

153 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.8	98.0	10781.9	220.0	-52.2	99.9	242.0	45.2	39.9	21.2	340.8	999.9	99.9	999.9	46.3	67.
37.3	99.0	10930.6	215.0	-52.3	99.9	242.7	44.0	39.1	21.2	342.8	999.9	99.9	999.9	47.6	67.
37.8	100.0	11052.1	211.0	-52.5	99.9	242.4	43.2	38.3	20.0	344.4	999.9	99.9	999.9	48.8	67.
38.3	101.0	11238.5	205.0	-52.5	99.9	241.9	42.4	37.4	19.9	347.2	999.9	99.9	999.9	50.2	67.
38.9	102.0	11398.1	200.0	-52.6	99.9	242.1	41.1	36.3	19.2	349.4	999.9	99.9	999.9	51.7	67.
39.3	103.0	11528.4	196.0	-53.3	99.9	242.8	41.4	36.8	13.9	350.5	999.9	99.9	999.9	52.5	67.
39.9	104.0	11661.1	192.0	-53.4	99.9	244.3	42.3	38.1	13.4	352.3	999.9	99.9	999.9	54.2	67.
40.4	105.0	11831.0	187.0	-53.3	99.9	245.0	41.4	37.5	17.5	355.2	999.9	99.9	999.9	55.5	67.
40.9	106.0	11970.3	183.0	-53.4	99.9	245.0	39.6	35.9	15.7	357.2	999.9	99.9	999.9	56.6	67.
41.4	107.0	12112.3	179.0	-54.1	99.9	244.9	38.9	35.2	16.5	358.4	999.9	99.9	999.9	57.8	67.
42.0	108.0	12257.0	175.0	-55.0	99.9	244.9	39.9	36.1	16.9	359.1	999.9	99.9	999.9	59.1	67.
42.5	109.0	12404.7	171.0	-55.2	99.9	244.1	41.0	36.9	17.9	361.2	999.9	99.9	999.9	60.4	67.
43.1	110.0	12594.1	166.0	-55.3	99.9	243.4	39.4	35.2	17.6	364.0	999.9	99.9	999.9	61.9	66.
43.8	111.0	12789.1	161.0	-55.7	99.9	244.8	38.1	34.5	18.2	366.7	999.9	99.9	999.9	63.4	66.
44.3	112.0	12949.3	157.0	-55.7	99.9	245.8	40.4	36.8	16.5	369.3	999.9	99.9	999.9	64.5	66.
44.8	113.0	13113.7	153.0	-55.8	99.9	245.8	41.8	38.1	17.2	371.8	999.9	99.9	999.9	65.9	66.
45.3	114.0	13239.6	150.0	-56.3	99.9	245.0	40.8	37.0	17.3	373.1	999.9	99.9	999.9	67.2	66.
45.8	115.0	13411.5	146.0	-55.8	99.9	244.6	40.8	36.9	17.5	376.8	999.9	99.9	999.9	68.3	66.
46.4	116.0	13588.4	142.0	-55.7	99.9	245.4	44.5	40.5	18.6	380.1	999.9	99.9	999.9	69.7	66.
46.9	117.0	13770.4	138.0	-55.7	99.9	246.0	45.5	41.5	13.5	383.2	999.9	99.9	999.9	71.3	66.
47.4	118.0	13909.9	135.0	-57.2	99.9	246.4	41.6	38.1	15.7	383.0	999.9	99.9	999.9	72.7	66.
47.9	119.0	14100.4	131.0	-56.8	99.9	247.2	37.9	35.0	14.7	386.9	999.9	99.9	999.9	73.8	66.
48.4	120.0	14247.3	128.0	-56.5	99.9	248.5	38.2	35.5	14.0	390.1	999.9	99.9	999.9	74.6	66.
48.9	121.0	14448.4	124.0	-57.3	99.9	250.3	39.5*	37.2	13.3	392.1	999.9	99.9	999.9	76.2	66.
49.4	122.0	14603.1	121.0	-57.7	99.9	252.5	38.8*	37.0	11.7	394.3	999.9	99.9	999.9	77.1	66.
50.0	123.0	14761.7	118.0	-57.3	99.9	255.5	35.0*	33.9	8.8	397.7	999.9	99.9	999.9	78.7	67.
50.5	124.0	14924.9	115.0	-56.3	99.9	257.6	30.4*	29.7	6.5	402.5	999.9	99.9	999.9	79.6	67.
51.1	125.0	15093.0	112.0	-55.7	99.9	258.1	28.7*	28.1	5.9	406.8	999.9	99.9	999.9	80.5	67.
51.9	126.0	15325.1	108.0	-55.0	99.9	255.0	35.4*	34.2	9.2	412.3	999.9	99.9	999.9	81.7	67.
52.4	127.0	15504.9	105.0	-55.3	99.9	253.8	37.4*	35.9	10.5	415.0	999.9	99.9	999.9	83.2	67.
53.0	128.0	15689.9	102.0	-55.2	99.9	253.6	34.3*	32.9	9.7	418.8	999.9	99.9	999.9	84.4	67.
53.5	129.0	15881.0	99.0	-54.1	99.9	253.6	30.9*	29.6	8.7	424.5	999.9	99.9	999.9	85.4	67.
54.1	130.0	16078.5	96.0	-54.2	99.9	251.2	30.7*	29.0	9.9	428.0	999.9	99.9	999.9	86.4	67.
54.8	131.0	16281.7	93.0	-55.0	99.9	248.1	36.0*	33.4	13.4	430.3	999.9	99.9	999.9	87.6	67.
55.3	132.0	16490.9	90.0	-55.7	99.9	247.6	38.4*	35.5	14.6	433.1	999.9	99.9	999.9	89.0	67.
55.9	133.0	16634.3	88.0	-54.9	99.9	248.7	36.6*	34.1	13.3	437.5	999.9	99.9	999.9	90.3	67.
56.4	134.0	16856.6	85.0	-53.9	99.9	251.1	34.8*	32.9	11.3	443.8	999.9	99.9	999.9	91.4	67.
57.0	135.0	17086.6	82.0	-55.3	99.9	253.0	35.3*	33.8	10.3	445.4	999.9	99.9	999.9	92.7	67.
57.8	136.0	17324.2	79.0	-55.7	99.9	250.1	36.8*	34.6	12.5	449.5	999.9	99.9	999.9	94.5	68.
58.7	137.0	17570.3	76.0	-56.7	99.9	247.7	38.7*	35.8	14.7	452.4	999.9	99.9	999.9	96.2	68.
59.4	138.0	17824.9	73.0	-58.0	99.9	247.6	41.9*	38.7	16.0	454.8	999.9	99.9	999.9	98.3	68.
60.1	139.0	18088.6	70.0	-59.2	99.9	247.6	36.2*	33.4	13.8	457.8	999.9	99.9	999.9	99.9	68.
60.9	140.0	18362.1	67.0	-60.8	99.9	247.2	23.1*	21.3	9.0	460.1	999.9	99.9	999.9	101.5	68.
61.3	141.0	18646.6	64.0	-61.5	99.9	245.5	17.3*	15.7	7.2	464.6	999.9	99.9	999.9	102.0	68.
62.1	142.0	18843.1	62.0	-62.2	99.9	242.7	22.9*	20.4	10.5	467.2	999.9	99.9	999.9	102.0	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 520  
PITTSBURG, PA

6 FEBRUARY 1975  
2315 GMT

153 17. 0

TIME MIN	QNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.9	143.0	19148.4	59.0	-63.7	99.9	244.4	35.4*	32.1	15.3	470.5	999.9	99.9	999.9	104.3	67.
63.8	144.0	19359.7	57.0	-64.1	99.9	244.2	29.5*	26.1	12.8	474.3	999.9	99.9	999.9	105.8	67.
64.7	145.0	19690.9	54.0	-63.9	99.9	256.9	24.3*	23.1	5.5	482.1	999.9	99.9	999.9	107.4	67.
65.7	146.0	20042.6	51.0	-62.2	99.9	260.0	32.3*	31.1	5.6	494.0	999.9	99.9	999.9	108.3	68.
66.6	147.0	20416.8	48.0	-62.6	99.9	254.2	33.9*	32.1	5.2	501.8	999.9	99.9	999.9	111.2	68.
67.5	148.0	20678.2	46.0	-64.3	99.9	264.0	22.2*	22.1	5.3	503.8	999.9	99.9	999.9	111.6	68.
68.5	149.0	21090.5	43.0	-64.5	99.9	258.3	31.6*	30.1	6.4	513.1	999.9	99.9	999.9	113.7	68.
69.4	150.0	21531.2	40.0	-65.7	99.9	258.0	21.9*	21.1	4.6	520.9	999.9	99.9	999.9	115.1	68.
70.5	151.0	21842.3	38.0	-66.5	99.9	254.4	22.2*	21.4	6.0	526.5	999.9	99.9	999.9	116.6	68.
71.7	152.0	22169.8	36.0	-66.3	99.9	260.2	18.7*	18.4	3.2	535.3	999.9	99.9	999.9	117.8	68.
72.9	153.0	22516.7	34.0	-65.5	99.9	260.8	33.0*	32.1	5.3	546.2	999.9	99.9	999.9	119.2	69.
74.3	154.0	23079.7	31.0	-64.7	99.9	265.1	30.7*	30.4	2.6	562.9	999.9	99.9	999.9	122.2	69.
75.7	155.0	23487.8	29.0	-63.7	99.9	262.4	33.7*	33.4	4.5	576.4	999.9	99.9	999.9	125.0	69.
77.3	156.0	23925.9	27.0	-63.9	99.9	270.3	22.7*	22.7	-0.1	587.8	999.9	99.9	999.9	126.7	70.
78.6	157.0	24650.0	24.0	-62.6	99.9	258.6	41.7*	40.8	8.2	611.8	999.9	99.9	999.9	130.9	70.
80.1	158.0	25184.2	22.0	-64.5	99.9	258.8	32.0*	31.4	6.2	621.5	999.9	99.9	999.9	132.5	70.
81.8	159.0	26080.1	19.0	-64.5	99.9	258.9	15.7	15.5	5.0	648.1	999.9	99.9	999.9	136.1	70.
83.8	160.0	26761.7	17.0	-63.4	99.9	999.9	99.9	99.9	99.9	672.8	999.9	99.9	999.9	999.9	999.

STATION NO. 520  
PITTSBURG, PA

7 FEBRUARY 1975  
615 GMT

146 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COM M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	359.0	966.1	-2.0	-6.0	260.0	5.1	5.1	0.9	274.2	280.7	2.5	74.0	0.0	0.
0.3	8.0	434.2	957.0	-2.7	-4.4	285.4	12.2	11.7	-3.2	274.2	281.7	2.9	88.2	0.2	105.
0.6	9.0	542.5	944.0	-3.8	-4.2	285.5	12.2	11.1	-3.3	274.2	281.9	3.0	97.1	0.3	105.
0.9	10.0	635.0	933.0	-4.7	-4.9	285.6	12.3	11.1	-3.3	274.2	281.6	2.9	98.7	0.5	105.
1.3	11.0	753.9	919.0	-5.6	-5.5	286.2	12.4	11.1	-3.5	274.4	281.5	2.7	99.8	0.8	105.
1.7	12.0	857.0	907.0	-6.0	-6.1	296.1	12.8	12.1	-3.6	275.0	281.9	2.7	99.4	1.1	106.
2.1	13.0	961.2	895.0	-6.9	-7.1	285.4	13.5	13.1	-3.6	275.1	281.7	2.5	98.8	1.4	106.
2.4	14.0	1057.6	884.0	-7.7	-7.8	285.0	13.7	13.1	-3.6	275.3	281.6	2.4	99.4	1.7	106.
2.8	15.0	1154.9	873.0	-8.7	-8.7	285.6	14.2	13.1	-3.8	275.2	281.2	2.3	100.3	2.0	106.
3.3	16.0	1289.1	858.0	-9.6	-9.6	284.2	14.0	13.1	-3.4	275.6	281.3	2.2	100.8	2.5	106.
3.6	17.0	1388.8	847.0	-10.0	-10.0	281.6	13.2	12.1	-2.7	276.2	281.8	2.1	100.7	2.7	106.
4.0	18.0	1480.3	837.0	-10.6	-10.5	275.5	11.5	11.1	-1.1	276.5	281.9	2.0	101.2	3.0	105.
4.4	19.0	1582.1	826.0	-11.2	-11.2	273.4	10.8	10.1	-0.6	276.9	282.2	2.0	100.6	3.3	104.
4.8	20.0	1685.0	815.0	-11.7	-11.5	275.3	12.0	12.0	-1.1	277.4	282.5	1.9	99.6	3.5	103.
5.3	21.0	1808.3	802.0	-11.6	-11.7	275.8	12.9	12.1	-1.3	278.8	284.1	1.9	99.1	3.9	102.
5.5	22.0	1914.1	791.0	-12.2	-12.2	275.3	12.8	12.8	-1.2	279.3	284.5	1.9	99.9	4.1	102.
5.9	23.0	2021.1	780.0	-12.7	-12.9	272.5	11.6	11.6	-0.5	279.8	284.8	1.8	98.7	4.3	102.
6.2	24.0	2119.5	770.0	-13.7	-13.8	272.9	11.8	11.8	-0.6	279.8	284.4	1.7	99.1	4.6	101.
6.5	25.0	2218.9	760.0	-14.0	-14.1	274.5	12.5	12.5	-1.0	280.5	285.2	1.7	99.3	4.8	101.
6.9	26.0	2349.9	747.0	-14.3	-14.3	273.9	12.5	12.4	-0.9	281.6	286.3	1.7	99.8	5.1	100.
7.3	27.0	2462.4	736.0	-14.7	-14.7	273.2	12.4	12.4	-0.7	282.3	286.9	1.7	100.6	5.4	100.
7.6	28.0	2566.0	726.0	-15.4	-15.4	272.6	12.4	12.4	-0.6	282.7	287.1	1.6	99.7	5.6	100.
8.0	29.0	2670.7	716.0	-16.1	-16.1	271.9	12.3	12.3	-0.4	283.0	287.3	1.5	100.1	5.9	99.
8.5	30.0	2776.6	706.0	-16.2	-16.3	272.7	12.7	12.6	-0.6	284.0	288.3	1.5	99.6	6.2	99.
8.8	31.0	2884.0	696.0	-16.8	-16.9	273.8	13.1	13.0	-0.9	284.6	288.7	1.5	98.9	6.5	99.
9.2	32.0	2992.7	686.0	-17.2	-17.2	274.8	13.6	13.6	-1.1	285.3	289.4	1.4	99.7	6.8	99.
9.5	33.0	3091.7	677.0	-17.4	-17.7	275.4	14.0	13.9	-1.3	286.0	290.1	1.4	98.0	7.0	98.
9.9	34.0	3203.2	667.0	-18.0	-18.5	274.4	14.1	14.1	-1.1	286.6	290.5	1.3	95.7	7.4	98.
10.2	35.0	3316.0	657.0	-18.8	-19.5	273.0	13.9	13.9	-0.7	287.0	290.6	1.3	95.1	7.7	98.
10.7	36.0	3453.3	645.0	-19.2	-19.8	270.1	13.4	13.4	-0.0	288.0	291.6	1.2	94.9	8.1	98.
11.1	37.0	3557.8	636.0	-19.9	-20.5	269.1	13.2	13.2	0.4	288.4	291.8	1.2	94.4	8.4	97.
11.5	38.0	3663.5	627.0	-20.4	-21.2	266.8	13.6	13.6	0.8	288.9	292.2	1.1	93.4	8.7	97.
11.9	39.0	3770.6	618.0	-20.1	-20.9	265.4	14.3	14.3	1.2	290.5	293.9	1.2	93.8	9.0	97.
12.3	40.0	3879.3	609.0	-20.8	-21.8	263.5	14.8	14.7	1.7	290.9	294.1	1.1	92.0	9.4	96.
12.7	41.0	4013.9	598.0	-21.5	-22.7	261.6	15.0	14.8	2.2	291.6	294.7	1.0	89.6	9.7	96.
13.2	42.0	4125.6	589.0	-22.2	-23.9	260.0	15.2	15.0	2.6	292.1	294.9	0.9	85.9	10.1	95.
13.6	43.0	4238.7	580.0	-23.1	-25.1	259.4	15.5	15.2	2.8	292.3	294.9	0.9	83.7	10.5	94.
14.0	44.0	4353.1	571.0	-23.9	-26.0	259.2	15.8	15.5	3.0	292.7	295.1	0.8	82.9	10.9	94.
14.4	45.0	4469.0	562.0	-24.8	-27.1	258.6	15.7	15.4	3.1	292.9	295.1	0.7	80.7	11.2	94.
14.8	46.0	4586.3	553.0	-25.6	-28.3	258.1	15.7	15.4	3.2	293.3	295.3	0.7	78.1	11.6	93.
15.1	47.0	4691.8	545.0	-26.3	-29.4	257.8	15.9	15.5	3.3	293.7	295.6	0.6	74.9	11.9	93.
15.5	48.0	4798.5	537.0	-27.5	-30.8	257.3	16.4	16.0	3.6	293.5	295.2	0.5	73.1	12.2	92.
15.9	49.0	4920.0	528.0	-28.4	-32.1	255.9	17.1	16.6	4.2	293.8	295.4	0.5	70.4	12.6	92.
16.3	50.0	5029.2	520.0	-29.4	-33.3	254.7	17.4	16.8	4.6	293.8	295.2	0.4	69.0	13.0	91.
16.7	51.0	5181.6	509.0	-30.4	-34.3	254.4	17.5	16.8	4.7	294.5	295.8	0.4	68.2	13.4	91.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

7 FEBRUARY 1975  
615 GMT

146 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.1	52.0	5279.9	502.0	-31.4	-35.0	254.8	17.4	16.8	4.6	294.4	295.6	0.4	70.1	13.8	90.
17.5	53.0	5407.7	493.0	-32.6	-36.0	255.2	17.3	16.7	4.4	294.5	295.6	0.4	71.1	14.3	90.
17.9	54.0	5508.3	486.0	-33.5	-36.7	254.3	17.2	16.5	4.6	294.5	295.6	0.3	72.7	14.6	89.
18.3	55.0	5624.6	478.0	-34.5	-37.0	253.2	17.0	16.3	4.9	294.8	295.8	0.3	77.6	15.0	89.
18.7	56.0	5772.1	468.0	-35.4	-37.6	252.0	17.0	16.1	5.2	295.4	296.4	0.3	79.6	15.4	88.
19.1	57.0	5876.8	461.0	-36.7	-38.3	251.1	17.0	16.1	5.5	295.0	296.0	0.3	82.4	15.8	88.
19.5	58.0	5997.8	453.0	-37.7	-39.8	250.4	17.1	16.1	5.7	295.3	296.2	0.3	80.0	16.2	88.
19.8	59.0	6120.5	445.0	-38.6	-40.3	250.3	17.1	16.1	5.8	295.6	296.4	0.2	79.9	16.5	87.
20.2	60.0	6229.2	438.0	-39.6	-41.8	250.6	17.3	16.3	5.7	295.8	296.5	0.2	78.8	16.9	87.
20.6	61.0	6355.0	430.0	-40.7	99.9	251.6	17.8	16.9	5.6	296.0	999.9	99.9	999.9	17.2	87.
20.9	62.0	6466.6	423.0	-41.6	99.9	252.7	18.4	17.6	5.5	296.1	999.9	99.9	999.9	17.6	86.
21.3	63.0	6579.4	416.0	-42.9	99.9	254.3	18.8	18.1	5.1	295.9	999.9	99.9	999.9	18.0	86.
21.7	64.0	6693.7	409.0	-43.9	99.9	255.0	18.8	18.2	4.9	296.1	999.9	99.9	999.9	18.5	86.
22.0	65.0	6826.0	401.0	-45.0	99.9	254.9	18.7	18.1	4.9	296.3	999.9	99.9	999.9	18.9	86.
22.6	66.0	6960.3	393.0	-46.1	99.9	252.1	19.3	18.3	5.9	296.5	999.9	99.9	999.9	19.4	85.
22.9	67.0	7079.6	386.0	-47.3	99.9	251.0	19.8	18.8	6.5	296.6	999.9	99.9	999.9	19.8	85.
23.4	68.0	7200.4	379.0	-48.3	99.9	250.4	20.4	19.2	6.8	296.8	999.9	99.9	999.9	20.4	84.
23.7	69.0	7322.8	372.0	-49.3	99.9	250.5	20.4	19.3	6.8	297.0	999.9	99.9	999.9	20.8	84.
24.2	70.0	7447.1	365.0	-50.2	99.9	250.9	20.5	19.4	6.7	297.4	999.9	99.9	999.9	21.4	84.
24.7	71.0	7591.6	357.0	-51.0	99.9	251.3	20.6	19.5	6.6	298.3	999.9	99.9	999.9	22.0	83.
25.1	72.0	7720.2	350.0	-51.9	99.9	251.3	20.4	19.3	6.5	298.7	999.9	99.9	999.9	22.5	83.
25.6	73.0	7832.0	344.0	-52.7	99.9	250.6	19.7	18.6	6.6	299.1	999.9	99.9	999.9	23.0	83.
25.9	74.0	7945.6	338.0	-52.7	99.9	249.9	19.5	18.3	6.7	300.6	999.9	99.9	999.9	23.4	83.
26.3	75.0	8061.4	332.0	-52.2	99.9	249.8	20.4	19.1	7.1	302.8	999.9	99.9	999.9	23.8	82.
26.7	76.0	8199.2	325.0	-52.5	99.9	250.2	22.3	20.9	7.5	304.2	999.9	99.9	999.9	24.3	82.
27.0	77.0	8319.6	319.0	-52.4	99.9	250.7	24.2	22.8	8.0	306.1	999.9	99.9	999.9	24.6	82.
27.4	78.0	8442.2	313.0	-53.0	99.9	250.7	26.1	24.7	8.7	306.9	999.9	99.9	999.9	25.3	82.
27.8	79.0	8567.2	307.0	-52.4	99.9	250.5	27.3	25.7	7.1	309.5	999.9	99.9	999.9	26.0	81.
28.3	80.0	8695.0	301.0	-51.8	99.9	250.4	28.3	26.7	9.5	312.1	999.9	99.9	999.9	26.8	81.
28.8	81.0	8847.8	294.0	-51.3	99.9	250.5	29.7	28.0	9.9	314.9	999.9	99.9	999.9	27.6	81.
29.3	82.0	8981.9	288.0	-50.9	99.9	250.4	31.2	29.4	10.5	317.4	999.9	99.9	999.9	28.5	80.
29.7	83.0	9096.1	283.0	-50.2	99.9	250.1	32.5	30.6	11.0	319.8	999.9	99.9	999.9	29.3	80.
30.2	84.0	9236.0	277.0	-50.1	99.9	249.4	33.4	31.3	11.7	322.0	999.9	99.9	999.9	30.3	80.
30.7	85.0	9355.0	272.0	-50.4	99.9	247.4	32.9	30.3	12.7	323.3	999.9	99.9	999.9	31.3	79.
31.3	86.0	9525.1	265.0	-50.4	99.9	243.4	32.3	28.9	14.5	325.7	999.9	99.9	999.9	32.4	79.
31.7	87.0	9649.2	260.0	-51.0	99.9	242.3	33.3	29.5	15.5	326.6	999.9	99.9	999.9	33.1	79.
32.2	88.0	9775.7	255.0	-50.4	99.9	242.8	35.4	31.5	16.2	329.3	999.9	99.9	999.9	34.1	78.
32.5	89.0	9931.1	249.0	-50.4	99.9	243.1	36.6	32.7	16.5	331.5	999.9	99.9	999.9	34.8	78.
33.0	90.0	10063.4	244.0	-50.4	99.9	242.1	38.4	34.0	13.0	333.5	999.9	99.9	999.9	35.8	77.
33.4	91.0	10198.5	239.0	-50.4	99.9	241.9	39.8	35.1	13.8	335.4	999.9	99.9	999.9	36.7	77.
33.8	92.0	10336.3	234.0	-50.9	99.9	242.1	40.8	36.1	19.1	336.8	999.9	99.9	999.9	37.7	77.
34.3	93.0	10476.9	229.0	-51.2	99.9	242.4	42.0	37.2	19.4	338.4	999.9	99.9	999.9	38.8	76.
34.6	94.0	10620.2	224.0	-51.6	99.9	242.6	42.7	38.0	19.6	339.8	999.9	99.9	999.9	39.5	76.
35.1	95.0	10767.2	219.0	-50.1	99.9	243.5	43.7	39.1	19.5	344.4	999.9	99.9	999.9	41.0	75.
35.6	96.0	10918.3	214.0	-49.5	99.9	245.0	43.4	39.4	18.3	347.6	999.9	99.9	999.9	42.2	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

7 FEBRUARY 1975  
615 GMT

146 28. 0

TIME MTN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.0	97.0	11072.9	209.0	-50.4	99.9	246.1	42.3	38.7	17.1	348.6	999.9	99.9	999.9	43.3	75.
36.4	98.0	11198.9	205.0	-50.9	99.9	246.6	41.2	37.9	16.4	349.8	999.9	99.9	999.9	44.3	75.
36.9	99.0	11359.6	200.0	-50.9	99.9	247.2	41.0	37.8	15.9	352.3	999.9	99.9	999.9	45.3	75.
37.3	100.0	11491.0	196.0	-51.6	99.9	247.8	40.2	37.3	15.2	353.1	999.9	99.9	999.9	46.4	74.
37.9	101.0	11692.3	190.0	-52.4	99.9	248.9	36.2	33.8	13.0	355.0	999.9	99.9	999.9	48.0	74.
38.4	102.0	11829.8	186.0	-52.7	99.9	249.7	33.2	31.2	11.5	356.6	999.9	99.9	999.9	48.8	74.
38.9	103.0	11970.3	182.0	-52.4	99.9	251.1	35.2	33.3	11.4	359.4	999.9	99.9	999.9	49.7	74.
39.4	104.0	12150.3	177.0	-52.7	99.9	252.5	39.2	37.4	11.8	361.7	999.9	99.9	999.9	50.8	74.
39.8	105.0	12297.9	173.0	-52.7	99.9	252.9	40.3	38.5	11.9	364.1	999.9	99.9	999.9	51.9	74.
40.3	106.0	12410.9	170.0	-52.4	99.9	253.0	39.2	37.5	11.5	366.5	999.9	99.9	999.9	53.2	74.
40.7	107.0	12564.7	166.0	-53.0	99.9	253.1	37.8	36.2	11.0	367.9	999.9	99.9	999.9	54.0	74.
41.3	108.0	12722.1	162.0	-52.7	99.9	252.3	36.0	34.3	11.0	371.0	999.9	99.9	999.9	55.4	74.
41.7	109.0	12883.4	158.0	-53.0	99.9	250.8	34.6	32.7	11.4	373.2	999.9	99.9	999.9	56.3	74.
42.3	110.0	13048.6	154.0	-53.5	99.9	248.9	35.0	32.7	12.6	375.1	999.9	99.9	999.9	57.4	74.
42.9	111.0	13217.8	150.0	-53.6	99.9	249.5	40.9	38.3	14.3	377.7	999.9	99.9	999.9	58.5	74.
43.4	112.0	13391.6	146.0	-53.8	99.9	250.5	45.0	42.4	15.0	380.3	999.9	99.9	999.9	60.1	74.
43.9	113.0	13524.7	143.0	-54.8	99.9	251.2	45.3	42.9	14.6	380.9	999.9	99.9	999.9	61.4	73.
44.3	114.0	13705.9	139.0	-55.3	99.9	252.2	43.8	41.7	13.4	383.1	999.9	99.9	999.9	62.5	73.
44.8	115.0	13845.2	136.0	-55.3	99.9	254.3	40.9	39.4	11.1	385.5	999.9	99.9	999.9	63.9	73.
45.3	116.0	14084.0	131.0	-55.7	99.9	257.1	37.3	36.4	8.3	388.8	999.9	99.9	999.9	65.0	73.
45.8	117.0	14231.3	128.0	-56.4	99.9	259.3	33.8	33.2	6.3	390.2	999.9	99.9	999.9	66.1	74.
46.3	118.0	14381.6	125.0	-57.2	99.9	259.8	31.9	31.4	5.6	391.4	999.9	99.9	999.9	67.0	74.
46.8	119.0	14535.0	122.0	-57.7	99.9	258.9	32.8	32.2	6.3	393.2	999.9	99.9	999.9	67.8	74.
47.3	120.0	14745.6	118.0	-57.2	99.9	258.5	34.8	34.1	7.0	397.9	999.9	99.9	999.9	69.0	74.
47.9	121.0	14908.6	115.0	-57.1	99.9	259.9	37.1	36.5	6.5	401.1	999.9	99.9	999.9	70.1	74.
48.4	122.0	15075.9	112.0	-57.1	99.9	262.0	37.7	37.3	5.3	404.2	999.9	99.9	999.9	71.3	74.
49.0	123.0	15247.8	109.0	-56.7	99.9	264.9	32.5	32.4	2.9	407.9	999.9	99.9	999.9	72.9	74.
49.5	124.0	15424.7	106.0	-56.9	99.9	266.8	25.9	25.8	1.4	410.9	999.9	99.9	999.9	73.7	74.
50.1	125.0	15606.5	103.0	-57.1	99.9	264.0	25.9	25.7	2.7	414.0	999.9	99.9	999.9	74.1	74.
50.8	126.0	15793.6	100.0	-56.9	99.9	261.8	30.2	29.9	4.3	417.8	999.9	99.9	999.9	75.6	75.
51.3	127.0	15986.6	97.0	-56.7	99.9	262.2	31.2	30.9	4.3	421.8	999.9	99.9	999.9	76.4	75.
51.9	128.0	16185.9	94.0	-56.4	99.9	262.3	29.8	29.5	4.0	426.2	999.9	99.9	999.9	77.9	75.
52.4	129.0	16322.3	92.0	-56.9	99.9	261.0	29.6	29.2	4.6	427.9	999.9	99.9	999.9	78.2	75.
53.0	130.0	16532.5	89.0	-56.6	99.9	259.3	30.4	29.8	5.6	432.6	999.9	99.9	999.9	79.7	75.
53.8	131.0	16824.8	85.0	-55.7	99.9	256.2	21.7	21.0	5.1	440.0	999.9	99.9	999.9	81.0	75.
54.4	132.0	16976.3	83.0	-55.9	99.9	250.1	20.6	19.3	7.0	442.7	999.9	99.9	999.9	81.3	75.
55.1	133.0	17210.0	80.0	-57.1	99.9	248.1	26.7	24.8	10.0	445.0	999.9	99.9	999.9	82.3	75.
55.7	134.0	17451.5	77.0	-57.7	99.9	247.5	24.5	22.6	9.4	448.5	999.9	99.9	999.9	83.7	75.
56.3	135.0	17617.2	75.0	-58.8	99.9	247.3	22.1	20.4	8.6	449.7	999.9	99.9	999.9	84.1	75.
57.1	136.0	17873.7	72.0	-58.4	99.9	249.3	25.4	23.8	9.0	455.7	999.9	99.9	999.9	85.3	75.
57.9	137.0	18141.7	69.0	-57.9	99.9	247.2	25.7	23.7	10.0	462.4	999.9	99.9	999.9	86.6	75.
58.6	138.0	18421.9	66.0	-58.1	99.9	243.8	22.1	19.8	9.7	468.0	999.9	99.9	999.9	87.8	74.
59.3	139.0	18714.2	63.0	-59.1	99.9	241.8	21.8	19.2	10.3	471.9	999.9	99.9	999.9	88.4	74.
60.1	140.0	18915.7	61.0	-60.7	99.9	245.3	25.6	23.3	10.7	472.8	999.9	99.9	999.9	89.5	74.
60.9	141.0	19228.6	58.0	-62.0	99.9	248.5	28.8	26.8	10.6	476.8	999.9	99.9	999.9	90.9	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

7 FEBRUARY 1975  
615 GMT

146 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.8	142.0	19556.2	55.0	-63.1	99.9	244.9	30.6	27.7	13.0	481.5	999.9	99.9	999.9	92.5	74.
62.6	143.0	19899.6	52.0	-65.2	99.9	248.3	29.9	27.7	11.1	484.3	999.9	99.9	999.9	94.0	74.
63.6	144.0	20261.9	49.0	-64.8	99.9	257.5	25.9	25.3	5.6	493.6	999.9	99.9	999.9	95.7	74.
64.5	145.0	20516.6	47.0	-64.1	99.9	270.6	27.9	27.9	-0.3	501.4	999.9	99.9	999.9	96.9	74.
65.5	146.0	20920.0	44.0	-64.6	99.9	269.5	32.7	32.7	0.3	509.5	999.9	99.9	999.9	98.7	74.
66.5	147.0	21351.9	41.0	-64.1	99.9	269.1	28.5	28.5	0.5	521.3	999.9	99.9	999.9	100.7	74.
67.7	148.0	21658.5	39.0	-63.7	99.9	265.6	27.7	27.6	2.1	529.8	999.9	99.9	999.9	102.6	75.
69.0	149.0	22148.8	36.0	-64.4	99.9	257.4	22.0	21.5	4.8	540.1	999.9	99.9	999.9	104.4	75.
70.2	150.0	22498.2	34.0	-64.4	99.9	251.1	26.4	24.9	8.5	549.0	999.9	99.9	999.9	106.1	75.
71.6	151.0	23063.5	31.0	-64.1	99.9	999.9	99.9	99.9	99.9	564.7	999.9	99.9	999.9	999.9	999.
72.9	152.0	23685.4	28.0	-65.0	99.9	999.9	99.9	99.9	99.9	578.7	999.9	99.9	999.9	999.9	999.

STATION NO. 520  
PITTSBURG, PA

7 FEBRUARY 1975  
1115 GMT

156 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	359.0	970.2	-8.5	-17.3	300.0	5.6	4.8	-2.8	267.1	269.8	1.0	49.0	0.0	0.
0.3	8.0	432.8	961.0	-9.0	-15.6	298.8	10.2	9.0	-4.9	267.3	270.4	1.2	58.6	0.4	115.
0.5	9.0	529.9	949.0	-10.0	-15.2	298.8	10.2	9.0	-4.9	267.2	270.5	1.2	65.9	0.4	115.
0.7	10.0	628.0	937.0	-10.7	-15.3	296.9	9.6	8.6	-4.4	267.5	270.7	1.2	68.7	0.5	116.
1.2	11.0	735.1	924.0	-12.2	-16.2	291.4	9.9	9.2	-3.6	267.1	270.2	1.2	72.0	0.8	116.
1.6	12.0	843.3	911.0	-13.0	-15.4	288.6	12.4	11.7	-3.9	267.3	270.6	1.3	82.0	1.0	114.
1.8	13.0	935.8	900.0	-14.0	-15.3	287.8	13.9	13.2	-4.3	267.2	270.5	1.2	86.2	1.2	113.
2.4	14.0	1029.1	889.0	-14.4	-15.5	280.4	16.0	15.7	-2.9	267.7	271.1	1.3	91.3	1.7	111.
2.7	15.0	1132.1	877.0	-14.8	-15.6	274.5	16.1	16.1	-1.3	268.3	271.8	1.3	93.9	2.0	109.
3.1	16.0	1245.1	864.0	-15.3	-15.6	266.9	16.0	16.0	0.9	269.1	272.5	1.3	97.1	2.4	106.
3.4	17.0	1341.8	853.0	-16.2	-16.5	262.9	15.2	15.1	1.9	269.0	272.3	1.2	97.7	2.7	104.
3.8	18.0	1439.5	842.0	-16.6	-16.9	266.0	14.1	14.0	1.0	269.6	272.8	1.2	97.9	3.0	101.
4.2	19.0	1529.2	832.0	-17.0	-20.3	272.9	13.0	12.9	-0.6	270.0	272.4	0.9	72.5	3.3	100.
4.5	20.0	1629.3	821.0	-16.2	-21.6	279.0	12.2	12.0	-1.9	271.9	274.2	0.8	63.1	3.6	100.
4.9	21.0	1758.8	807.0	-15.9	-27.6	284.8	12.4	12.0	-3.2	273.5	274.9	0.5	35.6	3.8	100.
5.3	22.0	1852.7	797.0	-16.4	-28.3	287.1	12.0	11.4	-3.5	274.1	275.4	0.5	34.5	4.1	101.
5.5	23.0	1947.6	787.0	-17.0	-28.9	287.8	11.6	11.1	-3.6	274.3	275.6	0.4	34.8	4.3	101.
5.9	24.0	2043.4	777.0	-17.6	-29.2	278.8	11.2	11.1	-1.7	274.7	276.0	0.4	35.3	4.5	101.
6.4	25.0	2140.5	767.0	-17.2	-25.3	268.5	14.3	14.3	0.4	276.2	278.0	0.6	49.0	4.9	100.
6.7	26.0	2269.0	754.0	-16.1	-22.7	266.0	15.0	15.0	1.0	278.8	281.1	0.8	56.6	5.2	100.
7.2	27.0	2379.7	743.0	-16.4	-19.3	264.2	15.0	14.9	1.5	279.7	282.8	1.1	77.5	5.6	98.
7.6	28.0	2471.3	734.0	-16.8	-23.0	263.6	15.2	15.1	1.7	280.2	282.5	0.8	58.3	5.9	98.
7.9	29.0	2574.4	724.0	-16.6	-18.1	262.7	15.7	15.6	2.0	281.5	285.0	1.3	88.4	6.2	97.
8.3	30.0	2679.1	714.0	-16.5	-17.9	262.0	16.3	16.2	2.3	282.8	286.4	1.3	89.0	6.6	96.
8.7	31.0	2774.4	705.0	-17.0	-18.4	261.8	16.7	16.5	2.4	283.2	286.8	1.3	89.4	7.0	95.
9.0	32.0	2881.5	695.0	-17.7	-19.0	261.9	16.8	16.7	2.4	283.6	287.0	1.2	89.3	7.3	95.
9.4	33.0	2978.9	686.0	-18.5	-19.5	261.7	17.0	16.8	2.5	283.7	287.1	1.2	92.0	7.7	94.
9.8	34.0	3099.4	675.0	-19.1	-19.5	260.1	17.6	17.4	3.0	284.4	287.9	1.2	96.6	8.1	94.
10.1	35.0	3199.3	666.0	-19.8	-20.2	258.8	18.2	17.8	3.5	284.7	288.0	1.1	96.3	8.4	93.
10.5	36.0	3322.8	655.0	-20.3	-20.3	257.3	18.9	18.5	4.2	285.5	288.7	1.1	96.0	8.8	92.
10.8	37.0	3425.3	646.0	-20.7	-21.2	257.4	18.9	18.4	4.1	286.2	289.3	1.1	95.9	9.2	91.
11.2	38.0	3528.9	637.0	-21.6	-22.2	257.7	18.6	18.2	4.0	286.2	289.2	1.0	95.1	9.6	91.
11.6	39.0	3645.5	627.0	-22.0	-23.2	258.0	18.2	17.8	3.8	287.1	289.8	0.9	90.2	10.0	90.
11.9	40.0	3739.8	619.0	-22.7	-24.2	258.1	17.9	17.5	3.7	287.4	289.9	0.9	87.2	10.4	90.
12.4	41.0	3883.3	607.0	-23.6	-25.5	258.1	18.1	17.7	3.7	287.9	290.2	0.8	84.4	10.9	89.
12.8	42.0	3992.3	598.0	-24.4	-26.3	257.9	18.7	18.3	3.9	288.2	290.3	0.7	80.3	11.3	89.
13.2	43.0	4102.7	589.0	-25.1	-27.1	257.5	19.5	19.0	4.2	288.7	290.8	0.7	83.1	11.7	89.
13.6	44.0	4202.0	581.0	-25.7	-28.0	256.9	20.2	19.7	4.6	289.0	291.0	0.7	81.4	12.2	88.
13.9	45.0	4314.9	572.0	-26.7	-29.3	256.2	20.6	20.0	4.9	289.2	291.0	0.6	77.8	12.6	88.
14.3	46.0	4429.3	563.0	-27.4	-30.6	255.4	20.9	20.2	5.2	289.6	291.2	0.5	74.5	13.1	87.
14.6	47.0	4532.1	555.0	-28.4	-32.8	255.0	21.2	20.4	5.5	289.7	291.0	0.4	65.5	13.4	87.
15.1	48.0	4649.2	546.0	-29.2	-33.6	254.6	21.9	21.1	5.8	290.1	291.4	0.4	65.2	14.0	86.
15.4	49.0	4754.6	538.0	-29.7	-34.7	254.4	22.2	21.4	6.0	290.7	291.9	0.4	61.5	14.5	86.
15.7	50.0	4861.3	530.0	-30.6	-35.5	254.0	22.4	21.5	6.2	290.9	291.9	0.3	61.5	14.9	86.
16.3	51.0	4996.3	520.0	-31.8	-36.7	253.5	22.3	21.4	6.3	291.0	292.0	0.3	61.5	15.7	85.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

7 FEBRUARY 1975  
1115 GMT

156 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.6	52.0	5105.8	512.0	-32.6	-37.9	253.9	22.3	21.4	6.2	291.3	292.2	0.3	58.4	16.0	85.
17.0	53.0	5216.5	504.0	-33.5	-37.0	255.3	22.4	21.7	5.7	291.5	292.5	0.3	70.5	16.5	84.
17.4	54.0	5328.8	496.0	-33.7	-36.9	256.8	22.1	21.5	5.1	292.6	293.6	0.3	73.1	17.1	84.
17.7	55.0	5442.7	488.0	-34.7	-37.9	257.5	21.6	21.1	4.7	292.8	293.7	0.3	72.3	17.5	84.
18.1	56.0	5572.6	479.0	-35.2	-38.4	258.2	21.0	20.6	4.3	293.7	294.6	0.3	71.9	18.0	84.
18.6	57.0	5689.7	471.0	-36.4	-39.9	258.2	20.8	20.4	4.3	293.6	294.4	0.2	69.2	18.5	84.
18.9	58.0	5793.3	464.0	-37.4	-40.6	257.9	20.9	20.4	4.4	293.6	294.3	0.2	71.6	19.0	84.
19.4	59.0	5928.3	455.0	-38.4	-40.6	256.7	20.5	20.0	4.7	294.0	294.8	0.2	79.4	19.6	83.
19.8	60.0	6034.6	448.0	-39.6	-41.8	255.4	20.4	19.8	5.1	293.8	294.5	0.2	79.2	20.1	83.
20.1	61.0	6142.2	441.0	-40.3	99.9	254.6	20.6	19.9	5.5	294.3	999.9	99.9	999.9	20.4	83.
20.5	62.0	6251.2	434.0	-41.2	99.9	253.9	21.3	20.5	5.9	294.5	999.9	99.9	999.9	20.9	83.
20.9	63.0	6361.4	427.0	-42.0	99.9	254.4	22.3	21.5	5.0	294.8	999.9	99.9	999.9	21.5	83.
21.3	64.0	6473.1	420.0	-43.0	99.9	255.0	23.2	22.4	6.0	295.0	999.9	99.9	999.9	22.0	82.
21.7	65.0	6586.2	413.0	-43.8	99.9	254.7	23.9	23.0	6.3	295.3	999.9	99.9	999.9	22.6	82.
22.2	66.0	6733.9	404.0	-44.7	99.9	252.2	23.8	22.6	7.3	296.1	999.9	99.9	999.9	23.3	82.
22.6	67.0	6833.8	398.0	-45.6	99.9	248.9	23.1	21.5	8.3	296.1	999.9	99.9	999.9	23.9	82.
23.0	68.0	6968.9	390.0	-46.5	99.9	245.3	22.1	20.1	9.2	296.7	999.9	99.9	999.9	24.4	81.
23.4	69.0	7071.7	384.0	-47.2	99.9	243.7	21.5	19.3	9.5	297.1	999.9	99.9	999.9	24.9	81.
23.7	70.0	7193.1	377.0	-48.2	99.9	243.7	21.5	19.2	9.5	297.3	999.9	99.9	999.9	25.2	81.
24.3	71.0	7334.1	369.0	-49.2	99.9	245.5	21.9	19.9	9.1	297.8	999.9	99.9	999.9	26.0	80.
24.6	72.0	7459.5	362.0	-50.0	99.9	246.6	22.0	20.2	8.7	298.4	999.9	99.9	999.9	26.4	80.
25.0	73.0	7568.6	356.0	-50.7	99.9	247.9	21.7	20.1	8.2	298.9	999.9	99.9	999.9	26.8	80.
25.4	74.0	7657.9	349.0	-51.0	99.9	248.6	21.2	19.8	7.8	300.2	999.9	99.9	999.9	27.4	80.
25.9	75.0	7810.7	343.0	-51.2	99.9	249.0	21.8	20.3	7.8	301.5	999.9	99.9	999.9	28.0	79.
26.3	76.0	7925.3	337.0	-51.6	99.9	249.3	23.4	21.9	3.3	302.4	999.9	99.9	999.9	28.5	79.
26.7	77.0	8041.8	331.0	-52.1	99.9	249.9	25.2	23.7	8.7	303.3	999.9	99.9	999.9	29.1	79.
27.1	78.0	8160.3	325.0	-51.8	99.9	250.9	26.5	25.0	8.7	305.3	999.9	99.9	999.9	29.7	79.
27.4	79.0	8281.2	319.0	-51.5	99.9	252.0	26.4	25.2	8.2	307.4	999.9	99.9	999.9	30.2	79.
27.8	80.0	8404.5	313.0	-51.5	99.9	254.0	26.0	25.0	7.1	309.0	999.9	99.9	999.9	30.9	79.
28.3	81.0	8551.4	306.0	-51.5	99.9	256.1	25.8	25.1	6.2	311.0	999.9	99.9	999.9	31.6	78.
28.7	82.0	8679.9	300.0	-51.6	99.9	256.4	26.1	25.4	6.2	312.6	999.9	99.9	999.9	32.2	78.
29.1	83.0	8789.1	295.0	-50.9	99.9	255.2	26.7	25.9	6.8	315.2	999.9	99.9	999.9	32.9	78.
29.5	84.0	8922.8	289.0	-51.2	99.9	252.9	27.8	26.5	8.1	316.6	999.9	99.9	999.9	33.4	78.
29.9	85.0	9036.3	284.0	-51.2	99.9	250.7	29.7	28.0	9.8	318.2	999.9	99.9	999.9	34.1	78.
30.4	86.0	9198.6	277.0	-51.0	99.9	249.8	31.3	29.4	10.8	320.7	999.9	99.9	999.9	35.1	78.
30.9	87.0	9341.4	271.0	-50.1	99.9	251.1	31.3	29.6	10.1	324.0	999.9	99.9	999.9	36.0	78.
31.2	88.0	9434.5	267.0	-50.0	99.9	252.2	31.0	29.5	9.5	325.6	999.9	99.9	999.9	36.6	78.
31.6	89.0	9587.2	261.0	-49.8	99.9	253.2	30.8	29.5	3.9	327.9	999.9	99.9	999.9	37.4	78.
32.1	90.0	9713.7	256.0	-49.7	99.9	252.7	31.3	29.9	9.3	330.0	999.9	99.9	999.9	38.2	78.
32.4	91.0	9842.8	251.0	-49.7	99.9	251.6	32.0	30.3	10.1	331.8	999.9	99.9	999.9	38.8	77.
32.9	92.0	9974.7	246.0	-49.2	99.9	250.0	34.0	32.0	11.6	334.4	999.9	99.9	999.9	39.7	77.
33.3	93.0	10109.5	241.0	-48.7	99.9	249.9	35.9	33.7	12.4	337.3	999.9	99.9	999.9	40.6	77.
33.6	94.0	10247.2	236.0	-49.1	99.9	250.3	36.8	34.7	12.4	338.6	999.9	99.9	999.9	41.2	77.
34.1	95.0	10387.8	231.0	-49.1	99.9	252.5	36.2	34.5	10.9	340.7	999.9	99.9	999.9	42.5	77.
34.6	96.0	10560.4	225.0	-49.2	99.9	255.0	34.1	33.0	8.8	343.1	999.9	99.9	999.9	43.5	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 520  
PITTSBURG, PA

7 FEBRUARY 1975  
1115 GMT

156 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.1	97.0	10678.0	221.0	-49.7	99.9	256.7	33.7	32.8	7.7	344.1	999.9	99.9	999.9	44.4	77.
35.5	98.0	10827.8	216.0	-49.7	99.9	257.6	35.2	34.4	7.6	346.4	999.9	99.9	999.9	45.3	77.
36.0	99.0	10950.4	212.0	-48.5	99.9	259.0	37.7	37.0	7.2	350.1	999.9	99.9	999.9	46.2	77.
36.4	100.0	11107.4	207.0	-48.7	99.9	260.4	37.1	36.6	6.2	352.2	999.9	99.9	999.9	47.4	77.
37.0	101.0	11268.1	202.0	-49.0	99.9	261.4	33.3	33.0	5.0	354.3	999.9	99.9	999.9	48.7	77.
37.4	102.0	11399.3	198.0	-49.2	99.9	259.1	32.0	31.4	6.0	355.8	999.9	99.9	999.9	49.2	77.
37.9	103.0	11567.0	193.0	-49.5	99.9	255.3	33.3	32.3	8.5	358.0	999.9	99.9	999.9	50.3	77.
38.3	104.0	11704.2	189.0	-49.5	99.9	253.4	35.5	34.0	10.2	360.1	999.9	99.9	999.9	51.0	77.
38.7	105.0	11844.0	195.0	-50.3	99.9	252.6	37.0	35.3	11.1	361.1	999.9	99.9	999.9	51.9	77.
39.1	106.0	11986.3	181.0	-51.5	99.9	252.7	37.6	35.9	11.2	361.4	999.9	99.9	999.9	53.1	77.
39.6	107.0	12131.3	177.0	-51.8	99.9	253.8	37.2	35.7	10.4	363.3	999.9	99.9	999.9	53.9	77.
39.9	108.0	12279.3	173.0	-52.5	99.9	254.9	36.6	35.3	9.6	364.4	999.9	99.9	999.9	54.7	77.
40.4	109.0	12430.3	169.0	-53.0	99.9	256.3	34.9	33.9	8.3	366.1	999.9	99.9	999.9	55.9	77.
40.8	110.0	12545.7	166.0	-53.5	99.9	257.3	34.6	33.8	7.6	367.2	999.9	99.9	999.9	56.5	77.
41.4	111.0	12742.7	161.0	-53.0	99.9	258.8	36.6	35.9	7.1	371.2	999.9	99.9	999.9	57.8	77.
41.9	112.0	12904.9	157.0	-53.0	99.9	259.0	38.5	37.8	7.3	373.9	999.9	99.9	999.9	59.0	77.
42.4	113.0	13029.3	154.0	-53.2	99.9	257.1	38.5	37.5	8.6	375.7	999.9	99.9	999.9	60.1	77.
42.9	114.0	13198.8	150.0	-53.5	99.9	254.0	36.5	35.1	10.1	378.0	999.9	99.9	999.9	61.4	77.
43.5	115.0	13328.8	147.0	-53.2	99.9	252.0	33.3	31.6	10.3	380.7	999.9	99.9	999.9	62.6	77.
44.1	116.0	13506.7	143.0	-53.0	99.9	254.2	32.1	30.9	8.8	384.0	999.9	99.9	999.9	63.6	77.
44.7	117.0	13689.6	139.0	-53.2	99.9	257.4	30.9	30.1	6.7	386.8	999.9	99.9	999.9	64.9	77.
45.1	118.0	13830.1	136.0	-53.5	99.9	259.2	29.7	29.2	5.6	388.7	999.9	99.9	999.9	65.6	77.
45.5	119.0	13973.2	133.0	-54.6	99.9	260.3	29.0	28.5	4.9	389.2	999.9	99.9	999.9	66.2	77.
45.9	120.0	14119.3	130.0	-54.7	99.9	260.4	30.3	29.9	5.1	391.5	999.9	99.9	999.9	66.9	77.
46.3	121.0	14268.4	127.0	-55.5	99.9	260.2	34.0	33.5	5.8	392.7	999.9	99.9	999.9	67.7	77.
46.8	122.0	14472.4	123.0	-55.5	99.9	260.4	39.6	39.0	6.6	396.3	999.9	99.9	999.9	68.6	77.
47.3	123.0	14630.0	120.0	-55.0	99.9	261.4	41.1	40.7	6.2	400.0	999.9	99.9	999.9	70.2	77.
47.6	124.0	14791.8	117.0	-54.7	99.9	262.3	39.8	39.5	3.3	403.5	999.9	99.9	999.9	71.2	77.
48.2	125.0	14902.1	115.0	-55.0	99.9	263.4	35.9	35.7	4.1	404.9	999.9	99.9	999.9	72.0	77.
48.7	126.0	15127.8	111.0	-55.8	99.9	261.1	33.8	33.4	5.2	407.5	999.9	99.9	999.9	73.1	77.
49.2	127.0	15302.3	108.0	-55.5	99.9	256.9	28.6	27.8	6.5	411.3	999.9	99.9	999.9	74.4	77.
49.7	128.0	15481.6	105.0	-56.3	99.9	253.1	22.7	21.7	6.6	413.1	999.9	99.9	999.9	75.0	77.
50.2	129.0	15603.7	103.0	-56.3	99.9	251.5	22.0	20.8	7.0	415.4	999.9	99.9	999.9	75.4	77.
50.6	130.0	15791.1	100.0	-57.1	99.9	250.7	24.3	23.0	8.0	417.3	999.9	99.9	999.9	76.1	77.
51.3	131.0	15983.2	97.0	-58.5	99.9	249.4	26.7	25.0	9.4	418.4	999.9	99.9	999.9	77.2	77.
51.7	132.0	16180.3	94.0	-59.5	99.9	250.3	26.5	24.9	8.9	420.2	999.9	99.9	999.9	77.8	77.
52.3	133.0	16314.9	92.0	-59.7	99.9	253.6	25.4	24.3	7.1	422.4	999.9	99.9	999.9	78.7	77.
52.8	134.0	16522.3	89.0	-59.3	99.9	255.6	24.5	23.7	6.1	427.1	999.9	99.9	999.9	79.5	77.
53.4	135.0	16664.9	87.0	-58.6	99.9	255.3	24.6	23.8	6.3	431.3	999.9	99.9	999.9	80.3	77.
54.1	136.0	16885.5	84.0	-58.5	99.9	254.3	28.1	27.1	7.6	436.0	999.9	99.9	999.9	81.4	77.
54.7	137.0	17113.8	81.0	-59.2	99.9	257.2	30.1	29.4	6.6	439.1	999.9	99.9	999.9	82.5	77.
55.2	138.0	17350.3	78.0	-59.3	99.9	261.3	27.2	26.8	4.1	443.5	999.9	99.9	999.9	83.6	77.
55.7	139.0	17596.0	75.0	-59.2	99.9	264.7	22.9	22.8	2.1	448.9	999.9	99.9	999.9	84.3	77.
56.4	140.0	17765.2	73.0	-59.7	99.9	264.9	24.3	24.2	2.2	451.3	999.9	99.9	999.9	84.9	77.
57.0	141.0	18026.7	70.0	-61.2	99.9	266.3	26.2	26.1	1.7	453.4	999.9	99.9	999.9	86.0	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 520  
PITTSBURG, PA

7 FEBRUARY 1975  
1115 GMT

156 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.6	142.0	18299.0	67.0	-60.5	99.9	270.8	20.7	20.7	-0.3	460.6	999.9	99.9	999.9	87.1	77.
58.4	143.0	18488.1	65.0	-59.7	99.9	268.6	22.6	22.6	0.5	466.5	999.9	99.9	999.9	87.5	77.
59.1	144.0	18783.0	62.0	-60.5	99.9	263.8	28.6	28.4	3.1	471.0	999.9	99.9	999.9	88.8	77.
59.9	145.0	19091.5	59.0	-61.1	99.9	261.5	28.1	27.8	4.2	476.5	999.9	99.9	999.9	90.2	77.
60.6	146.0	19305.7	57.0	-61.1	99.9	259.0	26.6	26.2	5.1	481.2	999.9	99.9	999.9	91.3	77.
61.4	147.0	19640.6	54.0	-62.3	99.9	257.6	21.9	21.4	4.7	485.8	999.9	99.9	999.9	92.8	77.
62.1	148.0	19872.6	52.0	-64.2	99.9	257.5	22.6	22.1	4.9	486.8	999.9	99.9	999.9	93.1	77.
62.9	149.0	20236.2	49.0	-64.4	99.9	257.8	26.8	26.2	5.7	494.7	999.9	99.9	999.9	94.7	77.
63.7	150.0	20490.7	47.0	-64.9	99.9	261.7	24.0	23.7	3.5	499.2	999.9	99.9	999.9	95.9	77.
64.7	151.0	20756.4	45.0	-64.2	99.9	269.2	25.2	25.2	0.4	507.3	999.9	99.9	999.9	97.2	78.
65.8	152.0	21179.1	42.0	-63.8	99.9	272.2	23.7	23.7	-0.9	518.4	999.9	99.9	999.9	99.0	78.
66.8	153.0	21479.3	40.0	-62.3	99.9	262.1	15.7	15.6	2.2	529.4	999.9	99.9	999.9	100.0	78.
67.8	154.0	21795.1	38.0	-63.6	99.9	254.0	26.6	25.5	7.3	533.9	999.9	99.9	999.9	101.1	78.
68.9	155.0	22300.5	35.0	-63.1	99.9	255.5	26.0	25.2	6.5	548.0	999.9	99.9	999.9	103.3	78.
70.0	156.0	22661.5	33.0	-64.4	99.9	257.9	24.7	24.1	5.2	553.9	999.9	99.9	999.9	104.1	78.
71.0	157.0	23242.7	30.0	-65.5	99.9	256.1	31.3	30.4	7.5	566.0	999.9	99.9	999.9	106.7	78.
72.4	158.0	23661.1	28.0	-66.7	99.9	255.1	21.8	21.0	5.6	574.0	999.9	99.9	999.9	108.6	78.
73.9	159.0	24110.7	26.0	-65.3	99.9	271.2	21.8	21.8	-0.4	590.2	999.9	99.9	999.9	110.0	78.
75.3	160.0	24857.7	23.0	-64.9	99.9	271.9	25.4	25.4	-0.8	612.4	999.9	99.9	999.9	112.9	78.
76.8	161.0	25413.6	21.0	-64.2	99.9	246.8	16.7	15.3	6.6	630.9	999.9	99.9	999.9	114.0	78.
78.7	162.0	26363.0	18.0	-61.6	99.9	999.9	99.9	99.9	99.9	667.4	999.9	99.9	999.9	999.9	999.

STATION NO. 528  
BUFFALO, N Y

5 FEBRUARY 1975  
2315 GMT

129 67. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	218.0	982.1	-0.7	-0.8	50.0	3.6	-2.8	-2.3	274.3	283.7	3.7	99.0	0.0	0.
0.4	7.0	308.7	971.0	-1.9	-2.4	83.1	4.0	-4.0	-0.5	274.0	282.4	3.3	96.1	0.1	188.
0.7	8.0	415.9	958.0	-2.4	-2.8	80.2	4.7	-4.6	-0.8	274.5	282.9	3.2	96.6	0.1	218.
1.1	9.0	516.0	946.0	-3.0	-3.5	78.9	5.6	-5.5	-1.1	274.9	282.9	3.1	96.5	0.2	242.
1.5	10.0	625.7	933.0	-3.0	-3.5	86.2	5.2	-5.2	-0.3	276.0	284.2	3.2	96.5	0.4	247.
1.9	11.0	754.1	918.0	-3.1	-3.6	118.9	3.3	-2.9	1.6	277.1	285.4	3.2	96.5	0.4	255.
2.3	12.0	858.3	906.0	-3.6	-4.1	147.1	2.2	-1.2	1.9	277.6	285.8	3.1	96.4	0.5	264.
2.6	13.0	963.7	894.0	-3.8	-4.3	172.6	1.4	-0.2	1.4	278.5	286.7	3.1	96.4	0.5	269.
3.0	14.0	1061.6	883.0	-3.6	-4.1	267.4	1.0	1.0	0.0	279.7	288.1	3.2	96.4	0.5	270.
3.4	15.0	1170.0	871.0	-3.3	-3.8	336.2	1.4	0.6	-1.3	281.1	289.9	3.3	96.3	0.4	269.
3.8	16.0	1298.3	857.0	-3.5	-4.0	8.8	1.4	-0.2	-1.4	282.3	291.1	3.3	96.3	0.4	262.
4.1	17.0	1409.8	845.0	-3.8	-4.3	33.0	1.0	-0.6	-0.9	283.1	291.9	3.3	96.4	0.5	258.
4.4	18.0	1513.4	834.0	-3.8	-4.3	143.4	0.4	-0.2	0.3	284.2	293.1	3.3	96.4	0.5	259.
4.8	19.0	1628.0	822.0	-3.8	-4.3	196.2	1.5	0.4	1.5	285.3	294.5	3.4	96.4	0.5	262.
5.2	20.0	1734.5	811.0	-3.8	-4.3	211.1	2.7	1.4	2.4	286.4	295.7	3.4	96.2	0.4	267.
5.6	21.0	1872.1	797.0	-4.1	-4.6	222.4	3.9	2.6	2.9	287.5	296.8	3.4	96.2	0.4	277.
5.9	22.0	1981.8	786.0	-4.4	-4.9	230.5	4.5	3.5	2.9	288.3	297.6	3.4	96.3	0.3	287.
6.3	23.0	2092.9	775.0	-5.0	-5.5	232.5	4.5	3.6	2.8	288.8	297.8	3.3	96.2	0.3	306.
6.6	24.0	2205.3	764.0	-5.3	-5.8	230.5	4.4	3.4	2.8	289.7	298.6	3.2	96.2	0.3	322.
7.0	25.0	2319.2	753.0	-5.6	-6.1	222.7	4.4	3.0	3.2	290.5	299.4	3.2	96.1	0.3	341.
7.5	26.0	2455.8	740.0	-6.4	-6.9	216.8	5.1	3.1	3.1	291.2	299.7	3.1	96.0	0.4	355.
7.8	27.0	2573.0	729.0	-6.4	-6.9	217.0	5.8	3.5	4.6	292.4	301.1	3.1	96.0	0.5	3.
8.2	28.0	2692.2	718.0	-5.8	-6.3	219.8	6.7	4.3	5.1	294.4	303.7	3.3	96.1	0.6	11.
8.5	29.0	2802.2	708.0	-6.4	-6.9	223.4	7.3	5.0	5.3	294.9	303.9	3.2	95.6	0.7	15.
8.8	30.0	2924.7	697.0	-6.7	-7.2	228.8	7.9	6.0	5.2	295.9	304.9	3.2	95.6	0.8	19.
9.2	31.0	3037.5	687.0	-7.6	-8.2	233.6	8.7	7.0	5.2	296.1	304.6	3.0	95.5	1.0	26.
9.6	32.0	3151.7	677.0	-8.0	-8.5	235.5	9.4	7.7	5.3	296.8	305.2	2.9	95.4	1.2	32.
9.9	33.0	3267.2	667.0	-9.0	-9.5	234.2	9.7	7.8	5.7	296.9	304.7	2.7	94.9	1.4	35.
10.3	34.0	3395.8	656.0	-10.3	-11.1	230.8	10.0	7.8	5.3	296.8	304.0	2.5	94.0	1.6	38.
10.6	35.0	3514.1	646.0	-10.9	-11.7	227.9	10.3	7.7	6.9	297.4	304.4	2.4	93.6	1.8	39.
11.1	36.0	3645.9	635.0	-11.9	-12.8	224.1	11.2	7.8	8.0	297.7	304.3	2.3	93.2	2.1	40.
11.4	37.0	3767.2	625.0	-13.3	-14.3	222.8	11.7	8.0	8.6	297.4	303.3	2.0	92.5	2.3	40.
11.8	38.0	3890.0	615.0	-14.0	-15.0	223.1	12.0	8.2	8.8	298.0	303.7	1.9	92.3	2.6	40.
12.1	39.0	4014.3	605.0	-14.9	-15.7	224.8	12.1	8.5	3.6	298.4	303.8	1.8	91.9	2.8	40.
12.5	40.0	4127.6	596.0	-16.0	-17.1	229.9	12.1	9.2	7.8	298.4	303.4	1.7	91.1	3.1	40.
12.9	41.0	4267.8	585.0	-16.9	-18.1	237.2	12.3	10.4	6.7	298.8	303.5	1.6	90.3	3.4	41.
13.3	42.0	4397.2	575.0	-17.5	-18.7	242.9	13.0	11.6	5.9	299.7	304.2	1.5	89.8	3.7	43.
13.6	43.0	4515.3	566.0	-18.2	-19.5	245.9	13.6	12.5	5.6	300.2	304.6	1.4	89.3	3.9	45.
14.0	44.0	4634.9	557.0	-18.8	-20.3	248.1	14.5	13.5	5.4	300.8	304.9	1.4	88.5	4.2	46.
14.4	45.0	4756.2	548.0	-19.5	-21.0	248.6	15.5	14.4	5.6	301.4	305.3	1.3	87.8	4.5	48.
14.7	46.0	4879.1	539.0	-20.3	-21.9	249.4	16.6	15.4	5.1	301.8	305.6	1.2	87.0	4.8	49.
15.1	47.0	5003.6	530.0	-21.5	-23.3	247.6	18.4	17.0	7.0	301.8	305.2	1.1	85.7	5.2	51.
15.4	48.0	5129.8	521.0	-22.2	-23.9	246.8	20.1	18.5	7.9	302.5	305.8	1.1	85.6	5.4	52.
15.8	49.0	5243.4	513.0	-22.9	-24.6	246.2	21.8	19.9	3.8	303.0	306.2	1.0	85.3	6.0	53.
16.1	50.0	5372.9	504.0	-24.3	-26.1	245.9	22.5	20.5	9.2	302.8	305.6	0.9	84.7	6.5	54.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

5 FEBRUARY 1975  
2315 GMT

129 67. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
16.6	51.0	5518.7	494.0	-25.4	-27.3	245.6	22.5	20.5	9.3	303.2	305.8	0.8	83.5	7.1	55.
16.8	52.0	5652.0	485.0	-26.3	-28.3	245.2	22.4	20.4	9.4	303.7	306.1	0.8	82.9	7.4	56.
17.2	53.0	5772.1	477.0	-27.3	-29.5	244.5	22.3	20.2	9.6	303.8	306.0	0.7	81.8	7.9	56.
17.6	54.0	5893.7	469.0	-28.2	-30.4	244.1	22.2	20.0	9.7	304.1	306.2	0.6	81.8	8.4	57.
17.8	55.0	6016.8	461.0	-29.4	-31.5	244.3	22.1	19.9	9.6	304.2	306.0	0.6	80.9	8.7	57.
18.3	56.0	6173.1	451.0	-30.6	-33.0	244.6	21.3	19.2	9.1	304.6	306.3	0.5	78.9	9.4	57.
18.6	57.0	6300.0	443.0	-31.8	-34.5	244.6	20.6	18.6	8.8	304.7	306.2	0.5	76.4	9.8	58.
18.9	58.0	6428.6	435.0	-32.7	-35.6	244.0	19.8	17.8	8.7	305.1	306.5	0.4	75.0	10.1	58.
19.3	59.0	6542.7	428.0	-33.3	-36.5	242.8	19.3	17.7	8.8	305.7	306.9	0.4	72.8	10.5	58.
19.7	60.0	6674.9	420.0	-34.7	-38.0	241.6	19.8	17.5	9.4	305.6	306.8	0.3	71.6	11.0	58.
20.0	61.0	6809.1	412.0	-35.3	-38.7	241.1	20.9	18.3	10.1	306.5	307.5	0.3	70.7	11.4	58.
20.4	62.0	6928.3	405.0	-36.0	-39.6	241.1	24.2	21.2	11.7	307.1	308.1	0.3	68.8	11.7	58.
20.6	63.0	7049.1	398.0	-37.3	-41.3	241.3	25.7	22.5	12.3	306.9	307.8	0.3	66.0	12.0	59.
21.0	64.0	7189.0	390.0	-38.6	-42.7	241.7	28.2	24.8	13.3	307.0	307.7	0.2	64.6	13.0	59.
21.3	65.0	7313.2	383.0	-39.7	-44.0	242.0	28.1	24.8	13.2	307.1	307.8	0.2	62.9	13.4	59.
21.7	66.0	7475.4	374.0	-40.9	-45.9	242.1	27.7	24.5	12.9	307.7	999.9	99.9	999.9	14.0	59.
22.1	67.0	7603.6	367.0	-42.1	-47.9	241.7	27.2	23.9	12.9	307.7	999.9	99.9	999.9	14.7	59.
22.4	68.0	7733.5	360.0	-43.4	-49.9	240.8	27.3	23.9	13.3	307.8	999.9	99.9	999.9	15.2	59.
22.8	69.0	7865.3	353.0	-44.6	-51.9	239.7	27.8	24.0	14.0	307.8	999.9	99.9	999.9	15.8	59.
23.1	70.0	7979.8	347.0	-45.7	-53.9	239.0	28.1	24.0	14.5	307.8	999.9	99.9	999.9	16.3	59.
23.4	71.0	8134.7	339.0	-47.1	-55.9	238.5	28.1	24.0	14.7	308.0	999.9	99.9	999.9	16.9	59.
23.8	72.0	8272.4	332.0	-48.4	-57.9	238.5	27.8	23.7	14.6	308.0	999.9	99.9	999.9	17.5	59.
24.1	73.0	8412.3	325.0	-49.7	-59.9	238.7	27.5	23.5	14.3	308.1	999.9	99.9	999.9	18.0	59.
24.5	74.0	8534.0	319.0	-50.6	-61.9	239.2	27.2	23.3	13.9	308.5	999.9	99.9	999.9	18.7	59.
24.8	75.0	8657.4	313.0	-51.8	-63.9	239.3	27.3	23.4	13.9	308.6	999.9	99.9	999.9	19.2	59.
25.1	76.0	8782.6	307.0	-53.0	-65.9	239.4	27.7	23.9	14.1	308.6	999.9	99.9	999.9	19.7	59.
25.5	77.0	8930.8	300.0	-54.4	-67.9	239.3	29.4	25.3	15.0	308.6	999.9	99.9	999.9	20.3	59.
25.7	78.0	9059.9	294.0	-55.5	-69.9	239.5	31.0	26.7	15.7	308.9	999.9	99.9	999.9	20.6	59.
26.1	79.0	9191.0	288.0	-56.5	-71.9	240.1	33.9	29.4	16.9	309.3	999.9	99.9	999.9	21.3	59.
26.5	80.0	9324.6	282.0	-56.5	-71.9	241.2	36.0	31.6	17.3	311.2	999.9	99.9	999.9	22.4	59.
26.9	81.0	9484.6	275.0	-55.4	-70.9	243.3	35.5	31.8	16.0	315.0	999.9	99.9	999.9	23.2	59.
27.3	82.0	9625.1	269.0	-55.9	-70.9	245.1	35.1	31.9	14.8	316.3	999.9	99.9	999.9	24.1	59.
27.6	83.0	9768.7	263.0	-55.9	-70.9	246.0	35.1	32.1	14.3	318.4	999.9	99.9	999.9	24.6	60.
27.9	84.0	9891.1	258.0	-55.1	-70.9	246.0	35.7	32.6	14.5	321.3	999.9	99.9	999.9	25.2	60.
28.4	85.0	10016.1	253.0	-55.1	-70.9	244.7	36.2	32.8	15.5	323.1	999.9	99.9	999.9	26.5	60.
28.7	86.0	10195.4	246.0	-54.9	-70.9	243.8	36.4	32.6	16.0	326.0	999.9	99.9	999.9	27.1	60.
29.2	87.0	10326.6	241.0	-55.1	-70.9	242.5	36.8	32.6	17.0	327.6	999.9	99.9	999.9	28.1	60.
29.5	88.0	10487.8	235.0	-54.9	-70.9	241.8	37.4	33.0	17.7	330.3	999.9	99.9	999.9	28.8	60.
29.9	89.0	10625.4	230.0	-54.3	-70.9	241.8	38.3	33.8	18.1	333.2	999.9	99.9	999.9	29.7	60.
30.3	90.0	10766.5	225.0	-53.8	-70.9	242.5	38.6	34.2	17.8	336.1	999.9	99.9	999.9	30.6	60.
30.7	91.0	10911.0	220.0	-53.5	-70.9	243.4	38.3	34.3	17.1	338.7	999.9	99.9	999.9	31.6	60.
31.0	92.0	11058.6	215.0	-54.3	-70.9	244.3	38.0	34.2	15.5	339.7	999.9	99.9	999.9	32.3	61.
31.5	93.0	11209.6	210.0	-54.0	-70.9	244.9	38.1	34.5	15.1	342.5	999.9	99.9	999.9	33.3	61.
31.8	94.0	11364.4	205.0	-53.7	-70.9	244.9	38.8	35.2	16.5	345.4	999.9	99.9	999.9	34.0	61.
32.4	95.0	11522.9	200.0	-54.4	-70.9	245.0	40.9	37.1	17.3	346.6	999.9	99.9	999.9	35.4	61.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

5 FEBRUARY 1975  
2315 GMT

129 67. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.7	96.0	11684.9	195.0	-54.9	99.9	245.5	41.8	38.0	17.3	348.4	999.9	99.9	999.9	36.2	61.
33.2	97.0	11850.9	190.0	-55.1	99.9	247.1	42.3	39.0	16.5	350.7	999.9	99.9	999.9	37.5	61.
33.6	98.0	11986.9	186.0	-54.9	99.9	248.8	42.4	39.5	15.4	353.1	999.9	99.9	999.9	38.6	61.
34.0	99.0	12161.3	181.0	-54.4	99.9	250.0	43.1	40.5	14.7	356.6	999.9	99.9	999.9	39.3	62.
34.5	100.0	12304.6	177.0	-54.0	99.9	249.7	45.3	42.5	15.8	359.7	999.9	99.9	999.9	40.8	62.
35.0	101.0	12488.5	172.0	-54.3	99.9	248.0	46.2	42.8	17.3	362.1	999.9	99.9	999.9	42.2	62.
35.4	102.0	12677.5	167.0	-54.4	99.9	246.6	44.8	41.1	17.8	364.9	999.9	99.9	999.9	43.3	62.
35.8	103.0	12832.6	163.0	-55.1	99.9	245.8	43.1	39.3	17.6	366.4	999.9	99.9	999.9	44.4	62.
36.3	104.0	12991.4	159.0	-55.1	99.9	245.9	41.9	38.2	17.1	369.0	999.9	99.9	999.9	45.6	62.
36.7	105.0	13113.0	156.0	-55.2	99.9	246.5	42.3	38.8	16.9	370.8	999.9	99.9	999.9	46.5	62.
37.2	106.0	13278.7	152.0	-55.4	99.9	246.8	43.5	40.0	17.1	373.3	999.9	99.9	999.9	47.9	63.
37.7	107.0	13448.7	148.0	-55.9	99.9	246.8	44.1	40.5	17.4	375.3	999.9	99.9	999.9	49.2	63.
38.2	108.0	13622.9	144.0	-56.2	99.9	246.7	44.0	40.4	17.4	377.7	999.9	99.9	999.9	50.5	63.
38.6	109.0	13756.7	141.0	-56.2	99.9	246.9	43.3	39.9	17.0	380.0	999.9	99.9	999.9	51.6	63.
39.1	110.0	13939.4	137.0	-56.7	99.9	247.9	40.9	37.9	15.4	382.3	999.9	99.9	999.9	52.9	63.
39.6	111.0	14127.1	133.0	-57.1	99.9	250.6	38.1	35.9	12.6	384.6	999.9	99.9	999.9	54.0	63.
40.0	112.0	14320.4	129.0	-57.0	99.9	254.1	37.3	35.9	10.2	388.3	999.9	99.9	999.9	55.1	63.
40.5	113.0	14469.5	126.0	-56.7	99.9	257.6	39.8	38.9	8.5	391.5	999.9	99.9	999.9	55.6	63.
40.8	114.0	14674.1	122.0	-56.7	99.9	258.6	40.0	39.3	7.9	395.1	999.9	99.9	999.9	56.7	64.
41.4	115.0	14831.9	119.0	-57.0	99.9	260.2	36.9	36.4	6.3	397.4	999.9	99.9	999.9	58.2	64.
41.9	116.0	15047.9	115.0	-57.8	99.9	263.8	33.3	32.8	5.3	399.8	999.9	99.9	999.9	59.1	64.
42.5	117.0	15214.4	112.0	-58.5	99.9	260.2	33.7	33.2	5.7	401.5	999.9	99.9	999.9	60.2	65.
42.8	118.0	15384.9	109.0	-59.1	99.9	259.4	37.6	37.0	6.9	403.4	999.9	99.9	999.9	60.7	65.
43.4	119.0	15559.7	106.0	-59.5	99.9	258.5	46.4	45.5	9.3	406.0	999.9	99.9	999.9	62.0	65.
43.8	120.0	15739.7	103.0	-58.8	99.9	259.0	48.5	47.6	9.3	410.6	999.9	99.9	999.9	63.5	65.
44.4	121.0	15925.1	100.0	-59.1	99.9	260.8	43.0	42.4	6.9	413.5	999.9	99.9	999.9	65.2	66.
44.9	122.0	16051.6	98.0	-59.7	99.9	261.5	35.3	34.9	5.2	414.9	999.9	99.9	999.9	66.3	66.
45.4	123.0	16245.6	95.0	-60.5	99.9	259.8	30.2	29.7	5.4	416.9	999.9	99.9	999.9	67.2	66.
45.9	124.0	16445.2	92.0	-61.2	99.9	257.5	27.8	27.2	5.0	419.4	999.9	99.9	999.9	68.0	66.
46.4	125.0	16650.7	89.0	-61.7	99.9	258.1	27.1	26.5	5.6	422.3	999.9	99.9	999.9	68.8	67.
47.0	126.0	16862.9	86.0	-62.1	99.9	262.6	26.7	26.5	3.5	425.7	999.9	99.9	999.9	69.7	67.
47.5	127.0	17082.1	83.0	-62.6	99.9	265.1	25.6	25.5	2.2	429.0	999.9	99.9	999.9	70.6	67.
48.0	128.0	17232.1	81.0	-63.7	99.9	262.2	25.4	25.2	3.5	429.7	999.9	99.9	999.9	71.2	67.
48.6	129.0	17385.3	79.0	-64.1	99.9	255.0	29.4	28.4	7.6	432.0	999.9	99.9	999.9	72.0	67.
48.9	130.0	17622.0	76.0	-64.7	99.9	251.8	33.1	31.4	10.3	435.7	999.9	99.9	999.9	72.7	67.
49.5	131.0	17867.5	73.0	-65.5	99.9	999.9	99.9	99.9	99.9	439.1	999.9	99.9	999.9	999.9	999.
50.2	132.0	18036.7	71.0	-64.9	99.9	999.9	99.9	99.9	99.9	443.8	999.9	99.9	999.9	999.9	999.
50.6	133.0	18211.0	69.0	-65.1	99.9	999.9	99.9	99.9	99.9	447.0	999.9	99.9	999.9	999.9	999.
51.3	134.0	18389.8	67.0	-66.0	99.9	999.9	99.9	99.9	99.9	448.7	999.9	99.9	999.9	999.9	999.

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
515 GMT

145 47. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	218.0	578.3	-1.1	-1.7	30.0	3.1	-1.5	-2.7	274.2	283.0	3.5	96.0	0.0	0.
0.1	7.0	253.1	974.0	-1.6	-2.8	47.6	3.9	-2.9	-2.6	274.0	282.2	3.2	91.5	0.1	230.
0.5	8.0	351.8	962.0	-2.5	-2.9	47.6	3.9	-2.9	-2.6	274.0	282.3	3.2	97.3	0.1	230.
0.8	9.0	443.0	951.0	-3.0	-3.3	57.3	3.7	-3.1	-2.0	274.5	282.6	3.2	97.9	0.2	229.
1.2	10.0	535.2	940.0	-3.3	-3.5	72.0	3.4	-3.2	-1.0	275.1	283.1	3.1	98.2	0.3	234.
1.6	11.0	662.8	925.0	-2.5	-2.7	92.6	2.5	-2.5	0.1	277.1	285.9	3.4	98.8	0.4	240.
1.9	12.0	757.7	914.0	-3.0	-3.2	134.7	1.3	-0.9	0.9	277.6	286.2	3.3	98.7	0.4	244.
2.3	13.0	853.7	903.0	-3.2	-3.3	205.9	2.1	0.9	1.9	278.4	287.1	3.3	98.7	0.4	248.
2.7	14.0	959.6	891.0	-3.5	-3.6	216.9	3.3	2.0	2.6	279.1	287.7	3.3	98.7	0.3	255.
3.0	15.0	1057.9	880.0	-3.9	-4.1	216.2	3.7	2.2	3.0	279.6	288.1	3.2	98.6	0.3	263.
3.5	16.0	1175.4	867.0	-4.4	-4.6	198.1	3.5	1.1	3.3	280.4	288.6	3.1	98.5	0.2	289.
3.8	17.0	1276.0	856.0	-4.8	-5.0	187.2	3.9	0.5	3.8	280.9	289.0	3.1	98.5	0.2	303.
4.1	18.0	1377.8	845.0	-4.8	-5.0	184.9	4.5	0.4	4.5	281.9	290.2	3.1	98.5	0.3	315.
4.5	19.0	1481.2	834.0	-3.9	-4.1	195.7	5.9	1.6	5.7	284.0	293.0	3.4	98.6	0.4	329.
4.9	20.0	1576.5	824.0	-3.9	-4.1	209.2	7.0	3.4	6.1	285.0	294.2	3.4	98.6	0.5	346.
5.3	21.0	1702.1	811.0	-4.4	-4.6	222.6	7.3	4.9	5.3	285.8	294.8	3.4	98.5	0.6	359.
5.6	22.0	1809.7	800.0	-5.0	-5.2	233.1	7.2	5.7	4.3	286.2	295.0	3.2	98.4	0.7	7.
5.9	23.0	1908.6	790.0	-5.3	-5.5	244.1	6.8	6.1	3.0	286.9	295.7	3.2	98.4	0.8	14.
6.3	24.0	2008.7	780.0	-5.6	-5.8	254.0	6.3	6.0	1.7	287.6	296.3	3.2	98.4	0.9	23.
6.7	25.0	2109.9	770.0	-6.0	-6.3	260.6	5.6	5.6	0.9	288.2	296.7	3.1	98.3	1.0	30.
7.2	26.0	2243.3	757.0	-6.2	-6.4	263.0	5.5	5.5	0.7	289.5	298.1	3.1	98.3	1.1	37.
7.5	27.0	2347.4	747.0	-6.8	-7.0	261.3	6.1	6.0	0.9	289.9	298.2	3.0	98.2	1.1	40.
7.9	28.0	2452.6	737.0	-7.2	-7.5	259.5	6.9	6.8	1.2	290.5	298.7	3.0	98.1	1.3	45.
8.3	29.0	2559.1	727.0	-8.0	-8.2	258.5	7.8	7.7	1.6	290.8	298.7	2.8	98.0	1.4	48.
8.6	30.0	2666.7	717.0	-8.6	-8.8	258.0	8.6	8.4	1.8	291.3	299.0	2.7	97.9	1.5	51.
8.9	31.0	2764.7	708.0	-8.9	-9.1	257.6	9.3	9.1	2.0	292.1	299.6	2.7	97.9	1.7	54.
9.3	32.0	2874.9	698.0	-9.3	-9.6	256.2	10.1	9.8	2.4	292.7	300.2	2.6	97.3	1.9	57.
9.7	33.0	2975.3	689.0	-9.9	-10.2	253.8	10.8	10.3	3.0	293.2	300.4	2.5	97.0	2.1	59.
10.0	34.0	3088.1	679.0	-10.4	-10.9	251.5	11.2	10.6	3.5	293.7	300.7	2.5	96.5	2.3	60.
10.3	35.0	3190.8	670.0	-10.9	-11.4	248.8	11.4	10.7	4.1	294.4	301.2	2.4	96.3	2.6	61.
10.8	36.0	3329.7	658.0	-11.4	-12.0	245.1	11.8	10.7	5.0	295.3	301.9	2.3	96.0	2.9	62.
11.2	37.0	3435.3	649.0	-12.2	-12.7	243.6	12.0	10.8	5.3	295.6	302.0	2.2	95.7	3.2	62.
11.6	38.0	3542.1	640.0	-12.6	-13.2	243.5	12.2	10.9	5.5	296.3	302.6	2.2	95.2	3.5	62.
11.9	39.0	3650.2	631.0	-13.1	-13.8	243.9	12.4	11.1	5.4	296.8	302.9	2.1	94.6	3.7	62.
12.2	40.0	3759.6	622.0	-14.0	-14.8	244.1	12.4	11.1	5.4	297.1	302.8	2.0	93.7	3.9	62.
12.7	41.0	3894.9	611.0	-15.0	-15.8	243.8	12.3	11.0	5.4	297.5	302.8	1.8	93.2	4.3	62.
13.1	42.0	4032.3	600.0	-15.7	-16.5	243.4	12.2	10.9	5.4	298.2	303.4	1.7	93.0	4.6	62.
13.5	43.0	4133.5	592.0	-16.3	-17.4	243.1	12.1	10.8	5.5	298.5	303.4	1.7	91.8	4.9	62.
13.8	44.0	4248.6	583.0	-17.2	-18.2	243.5	12.1	10.8	5.4	298.9	303.5	1.6	91.5	5.1	62.
14.2	45.0	4352.1	575.0	-18.1	-19.2	244.0	12.1	10.9	5.3	298.9	303.3	1.5	91.1	5.4	62.
14.6	46.0	4469.9	566.0	-18.8	-19.9	244.5	12.1	11.0	5.2	299.5	303.6	1.4	90.7	5.7	63.
15.0	47.0	4575.9	558.0	-19.7	-21.0	244.5	12.4	11.1	5.3	299.5	303.4	1.3	89.8	5.9	63.
15.4	48.0	4696.5	549.0	-20.4	-21.7	243.4	12.8	11.5	5.7	300.1	303.9	1.2	89.7	6.3	63.
15.8	49.0	4805.1	541.0	-21.2	-22.5	242.4	13.4	11.9	6.2	300.4	304.0	1.2	88.9	6.6	63.
16.2	50.0	4914.9	533.0	-22.0	-23.5	241.5	14.0	12.3	6.7	300.7	304.0	1.1	87.6	6.9	63.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
515 GMT

145 47. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.7	51.0	5054.1	523.0	-22.8	-24.4	240.5	14.8	12.8	7.3	301.4	304.5	1.0	86.6	7.3	63.
17.1	52.0	5167.0	515.0	-23.9	-25.7	239.5	15.2	13.1	7.7	301.4	304.3	0.9	84.6	7.7	63.
17.4	53.0	5281.1	507.0	-24.8	-26.6	238.4	15.4	13.1	8.1	301.6	304.3	0.8	84.9	8.0	62.
17.9	54.0	5396.6	499.0	-25.7	-27.6	236.0	15.3	12.7	8.6	301.9	304.4	0.8	83.9	8.4	62.
18.2	55.0	5513.6	491.0	-26.7	-28.6	234.5	15.1	12.3	8.8	302.1	304.4	0.7	83.2	8.7	62.
18.8	56.0	5661.9	481.0	-27.6	-29.6	231.9	14.7	11.5	9.1	302.8	304.9	0.7	82.7	9.3	61.
19.2	57.0	5767.2	474.0	-28.8	-31.0	230.8	14.6	11.3	9.2	302.6	304.5	0.6	81.2	9.6	61.
19.6	58.0	5888.9	466.0	-29.6	-31.9	230.0	14.8	11.3	9.5	303.1	304.9	0.6	80.1	9.9	61.
20.0	59.0	6012.1	458.0	-30.8	-33.1	229.0	14.9	11.2	9.8	303.1	304.7	0.5	79.6	10.3	60.
20.3	60.0	6121.3	451.0	-31.7	-34.1	227.8	14.6	10.8	9.8	303.2	304.8	0.5	78.8	10.6	60.
20.8	61.0	6247.7	443.0	-32.7	-35.2	225.9	14.2	10.2	9.9	303.4	304.8	0.4	78.3	11.0	59.
21.2	62.0	6359.6	436.0	-33.9	-36.3	225.0	14.2	10.0	10.0	303.3	304.6	0.4	78.4	11.3	59.
21.6	63.0	6489.1	428.0	-34.9	-37.3	224.6	14.4	10.1	10.2	303.7	304.9	0.4	78.2	11.6	59.
22.0	64.0	6604.0	421.0	-36.1	-38.4	224.5	14.8	10.4	10.6	303.6	304.7	0.3	78.5	11.9	58.
22.3	65.0	6720.2	414.0	-37.0	-39.4	224.0	15.0	10.4	10.8	303.9	304.9	0.3	78.2	12.2	58.
22.8	66.0	6871.9	405.0	-38.2	-40.6	222.8	15.5	10.5	11.4	304.2	305.1	0.3	77.5	12.7	57.
23.2	67.0	6991.5	398.0	-39.4	-42.9	221.4	16.1	10.7	12.1	304.2	999.9	99.9	999.9	13.0	57.
23.6	68.0	7112.7	391.0	-40.5	-45.2	219.6	17.0	10.8	13.1	304.3	999.9	99.9	999.9	13.4	57.
23.9	69.0	7253.3	383.0	-41.5	-47.5	217.9	17.5	10.8	13.8	304.9	999.9	99.9	999.9	13.7	56.
24.3	70.0	7378.3	376.0	-42.2	-49.8	215.2	18.0	10.4	14.7	305.5	999.9	99.9	999.9	14.1	56.
24.8	71.0	7523.3	368.0	-43.7	-52.1	211.8	18.0	9.5	15.3	305.4	999.9	99.9	999.9	14.7	55.
25.1	72.0	7652.0	361.0	-44.8	-54.4	209.9	17.9	8.9	15.5	305.6	999.9	99.9	999.9	15.0	54.
25.5	73.0	7763.8	355.0	-46.1	-56.7	208.2	17.7	8.4	15.6	305.3	999.9	99.9	999.9	15.3	53.
25.9	74.0	7895.9	348.0	-47.4	-59.0	208.3	18.0	8.5	15.8	305.3	999.9	99.9	999.9	15.7	53.
26.3	75.0	8010.6	342.0	-48.5	-61.3	210.1	18.6	9.3	16.1	305.4	999.9	99.9	999.9	16.1	52.
26.7	76.0	8126.8	336.0	-49.6	-63.6	212.6	19.3	10.4	16.3	305.3	999.9	99.9	999.9	16.5	52.
27.0	77.0	8244.4	330.0	-50.9	-65.9	214.6	19.8	11.3	16.3	305.2	999.9	99.9	999.9	16.8	51.
27.3	78.0	8363.5	324.0	-52.2	-68.2	216.1	19.9	11.7	16.1	304.9	999.9	99.9	999.9	17.2	51.
27.8	79.0	8484.2	318.0	-53.3	-70.5	218.0	20.0	12.3	15.8	305.1	999.9	99.9	999.9	17.8	50.
28.1	80.0	8606.5	312.0	-54.6	-72.8	218.8	20.0	12.6	15.6	305.0	999.9	99.9	999.9	18.1	50.
28.6	81.0	8772.2	304.0	-55.9	-75.1	219.8	20.1	12.9	15.5	305.4	999.9	99.9	999.9	18.7	50.
28.9	82.0	8898.8	298.0	-56.9	-77.4	220.2	20.2	13.0	15.4	305.7	999.9	99.9	999.9	19.1	50.
29.5	83.0	9005.8	293.0	-57.7	-79.7	222.2	20.8	14.0	15.4	306.0	999.9	99.9	999.9	19.7	49.
29.9	84.0	9137.1	287.0	-58.1	-82.1	225.4	21.9	15.6	15.4	311.6	999.9	99.9	999.9	20.3	49.
30.5	85.0	9272.2	281.0	-54.8	-84.4	230.7	24.0	18.6	15.2	314.0	999.9	99.9	999.9	21.1	49.
31.1	86.0	9410.5	275.0	-54.0	-86.7	235.0	26.9	22.1	15.5	317.1	999.9	99.9	999.9	22.0	49.
31.5	87.0	9552.2	269.0	-53.8	-89.0	237.2	28.9	24.3	15.7	319.3	999.9	99.9	999.9	22.7	49.
31.9	88.0	9672.7	264.0	-54.0	-91.3	239.1	30.5	26.2	15.7	320.8	999.9	99.9	999.9	23.4	50.
32.4	89.0	9820.4	258.0	-53.6	-93.6	240.6	32.9	28.7	16.2	323.4	999.9	99.9	999.9	24.3	50.
32.9	90.0	9946.1	253.0	-54.0	-95.9	240.5	35.6	31.0	17.6	324.7	999.9	99.9	999.9	25.3	51.
33.4	91.0	10074.3	248.0	-53.6	-98.2	239.6	37.7	32.5	19.1	327.1	999.9	99.9	999.9	26.4	51.
33.9	92.0	10205.3	243.0	-53.5	-100.5	239.6	38.5	33.2	19.5	329.2	999.9	99.9	999.9	27.7	51.
34.4	93.0	10339.4	238.0	-52.4	-102.8	240.5	39.3	34.2	19.4	332.8	999.9	99.9	999.9	28.7	52.
34.9	94.0	10476.8	233.0	-52.1	-105.1	240.7	40.5	35.3	19.8	335.3	999.9	99.9	999.9	29.9	52.
35.5	95.0	10617.3	228.0	-52.1	-107.4	240.0	40.3	34.9	20.2	337.4	999.9	99.9	999.9	31.5	52.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
515 GMT

145 47. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.1	96.0	10790.0	222.0	-51.9	99.9	239.7	39.3	33.9	19.8	340.2	999.9	99.9	999.9	32.8	53.
36.6	97.0	10937.7	217.0	-51.8	99.9	240.3	40.3	35.0	20.0	342.7	999.9	99.9	999.9	34.0	53.
37.1	98.0	11058.4	213.0	-51.5	99.9	241.2	41.9	36.7	20.2	345.0	999.9	99.9	999.9	35.1	53.
37.6	99.0	11212.7	208.0	-51.5	99.9	241.7	41.6	36.6	19.7	347.4	999.9	99.9	999.9	36.6	54.
38.2	100.0	11338.7	204.0	-51.6	99.9	242.2	39.5	34.9	18.4	349.1	999.9	99.9	999.9	37.9	54.
38.8	101.0	11532.2	198.0	-52.2	99.9	243.4	39.1	35.0	17.5	351.1	999.9	99.9	999.9	39.2	54.
39.3	102.0	11664.2	194.0	-52.4	99.9	244.4	40.3	36.4	17.5	352.9	999.9	99.9	999.9	40.4	54.
39.8	103.0	11832.8	189.0	-52.9	99.9	245.2	41.3	37.5	17.3	354.8	999.9	99.9	999.9	41.6	55.
40.2	104.0	11970.7	185.0	-53.5	99.9	245.9	41.1	37.5	16.8	355.9	999.9	99.9	999.9	42.6	55.
40.8	105.0	12111.3	181.0	-53.5	99.9	246.3	39.2	35.9	15.7	358.2	999.9	99.9	999.9	44.1	55.
41.3	106.0	12255.3	177.0	-52.9	99.9	245.3	37.6	34.2	15.7	361.5	999.9	99.9	999.9	45.2	56.
42.0	107.0	12402.7	173.0	-53.0	99.9	243.1	37.5	33.4	17.0	363.6	999.9	99.9	999.9	46.7	56.
42.6	108.0	12553.5	169.0	-53.3	99.9	242.4	39.3	34.8	18.2	365.5	999.9	99.9	999.9	48.1	56.
43.2	109.0	12707.9	165.0	-52.7	99.9	242.6	41.7	37.0	19.2	369.1	999.9	99.9	999.9	49.5	56.
43.8	110.0	12866.2	161.0	-53.2	99.9	243.0	44.1	39.3	20.0	370.9	999.9	99.9	999.9	51.0	57.
44.4	111.0	13069.2	156.0	-53.8	99.9	243.3	44.3	39.6	19.9	373.2	999.9	99.9	999.9	52.7	57.
45.0	112.0	13235.9	152.0	-54.4	99.9	244.1	41.9	37.7	18.3	374.9	999.9	99.9	999.9	54.4	57.
45.5	113.0	13363.4	149.0	-54.9	99.9	244.8	40.1	36.2	17.1	376.2	999.9	99.9	999.9	55.3	57.
46.1	114.0	13537.2	145.0	-55.4	99.9	244.6	37.9	34.3	16.2	378.3	999.9	99.9	999.9	57.0	57.
46.7	115.0	13670.3	142.0	-56.1	99.9	245.1	36.0	32.7	15.1	379.4	999.9	99.9	999.9	58.2	57.
47.4	116.0	13898.0	137.0	-56.6	99.9	246.6	36.4	33.5	14.5	382.4	999.9	99.9	999.9	59.7	58.
48.1	117.0	14038.3	134.0	-56.9	99.9	246.8	38.2	35.1	15.0	384.3	999.9	99.9	999.9	61.1	58.
48.7	118.0	14181.9	131.0	-56.4	99.9	248.1	36.0	33.5	13.4	387.6	999.9	99.9	999.9	62.7	58.
49.3	119.0	14329.2	128.0	-55.9	99.9	249.6	32.0	30.0	11.2	391.1	999.9	99.9	999.9	63.7	58.
49.8	120.0	14530.8	124.0	-56.7	99.9	248.5	29.6	27.6	10.9	393.2	999.9	99.9	999.9	64.7	59.
50.4	121.0	14633.8	122.0	-57.1	99.9	246.2	30.8	28.2	12.5	394.4	999.9	99.9	999.9	65.6	59.
50.9	122.0	14844.5	118.0	-57.7	99.9	246.1	37.0	33.8	15.0	396.9	999.9	99.9	999.9	66.4	59.
51.5	123.0	15006.8	115.0	-58.3	99.9	247.5	43.5	40.1	16.7	398.9	999.9	99.9	999.9	68.3	59.
52.1	124.0	15173.0	112.0	-58.6	99.9	250.0	43.0	40.4	14.7	401.3	999.9	99.9	999.9	69.7	59.
52.7	125.0	15343.7	109.0	-58.4	99.9	251.8	41.3	39.2	12.9	404.8	999.9	99.9	999.9	71.2	59.
53.4	126.0	15519.0	106.0	-59.1	99.9	253.1	39.1	37.4	11.3	406.7	999.9	99.9	999.9	72.8	60.
54.1	127.0	15698.7	103.0	-59.6	99.9	255.0	35.3	34.1	9.2	409.0	999.9	99.9	999.9	74.4	60.
54.7	128.0	15883.6	100.0	-59.6	99.9	254.0	33.9	32.6	9.3	412.5	999.9	99.9	999.9	75.5	60.
55.3	129.0	16009.9	98.0	-59.8	99.9	251.0	36.0	34.0	11.7	414.6	999.9	99.9	999.9	76.6	60.
55.8	130.0	16203.8	95.0	-60.5	99.9	249.1	38.2	35.7	13.6	416.9	999.9	99.9	999.9	77.8	61.
56.6	131.0	16403.3	92.0	-61.4	99.9	250.8	33.5	31.7	11.0	418.9	999.9	99.9	999.9	79.8	61.
57.1	132.0	16608.8	89.0	-61.6	99.9	255.9	27.2	26.4	6.6	422.5	999.9	99.9	999.9	80.6	61.
57.8	133.0	16749.4	87.0	-62.2	99.9	260.6	23.2	22.9	3.8	424.2	999.9	99.9	999.9	81.4	61.
58.5	134.0	16966.4	84.0	-62.0	99.9	259.1	23.5	23.1	4.4	428.8	999.9	99.9	999.9	82.4	61.
59.1	135.0	17115.4	82.0	-62.0	99.9	255.2	26.8	25.9	6.9	431.8	999.9	99.9	999.9	83.1	62.
59.9	136.0	17345.6	79.0	-62.7	99.9	251.7	29.9	28.4	9.4	434.9	999.9	99.9	999.9	84.8	62.
60.6	137.0	17503.7	77.0	-62.5	99.9	251.6	31.4	29.8	9.9	438.5	999.9	99.9	999.9	85.7	62.
61.4	138.0	17749.1	74.0	-62.2	99.9	253.1	38.4	36.7	11.2	444.3	999.9	99.9	999.9	87.5	62.
62.1	139.0	17918.3	72.0	-62.5	99.9	257.2	35.8	34.9	8.0	447.0	999.9	99.9	999.9	89.3	62.
62.9	140.0	18180.7	69.0	-62.7	99.9	257.7	31.8	31.1	6.8	452.1	999.9	99.9	999.9	90.5	63.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
515 GMT

145 47. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.8	141.0	18361.7	67.0	-63.5	99.9	258.8	28.5	28.0	5.5	454.3	999.9	99.9	999.9	92.3	63.
64.7	142.0	18643.4	64.0	-62.9	99.9	266.9	25.4	25.3	1.4	461.5	999.9	99.9	999.9	93.6	63.
65.4	143.0	18838.1	62.0	-64.6	99.9	270.0	23.5	23.5	-0.3	461.9	999.9	99.9	999.9	94.5	63.
66.3	144.0	19038.0	60.0	-65.4	99.9	266.0	25.9	25.9	1.8	464.5	999.9	99.9	999.9	95.5	64.
67.1	145.0	19244.2	58.0	-65.6	99.9	261.4	35.9	35.5	5.4	468.5	999.9	99.9	999.9	96.7	64.
67.9	146.0	19566.7	55.0	-66.0	99.9	266.4	32.4	32.3	2.0	474.8	999.9	99.9	999.9	98.9	64.
68.9	147.0	19791.9	53.0	-65.2	99.9	265.2	26.4	26.3	2.2	481.7	999.9	99.9	999.9	100.1	65.
69.8	148.0	20025.7	51.0	-66.0	99.9	255.8	37.5	36.4	9.2	485.2	999.9	99.9	999.9	101.8	65.
70.7	149.0	20268.5	49.0	-65.8	99.9	999.9	99.9	99.9	99.9	491.2	999.9	99.9	999.9	999.9	999.
71.6	150.0	20522.3	47.0	-64.6	99.9	999.9	99.9	99.9	99.9	500.0	999.9	99.9	999.9	999.9	999.









STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
1115 GMT

164 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.6	141.0	18261.8	68.0	-60.2	99.9	256.8	31.5	30.6	7.2	459.4	999.9	99.9	999.9	90.9	68.
68.3	142.0	18447.7	66.0	-61.0	99.9	256.4	28.6	27.8	6.7	461.7	999.9	99.9	999.9	91.8	68.
69.0	143.0	18638.9	64.0	-61.1	99.9	250.3	34.8	32.7	11.7	465.4	999.9	99.9	999.9	92.7	68.
69.8	144.0	18936.8	61.0	-61.5	99.9	247.6	38.5	35.6	14.6	471.0	999.9	99.9	999.9	95.0	68.
70.6	145.0	19143.0	59.0	-62.3	99.9	245.9	34.1	31.1	13.9	473.8	999.9	99.9	999.9	96.9	68.
71.5	146.0	19356.4	57.0	-61.7	99.9	250.8	25.5	24.1	8.4	479.8	999.9	99.9	999.9	98.8	68.
72.3	147.0	19576.8	55.0	-63.2	99.9	257.7	20.1	19.6	4.3	481.2	999.9	99.9	999.9	99.5	68.
73.2	148.0	19804.4	53.0	-63.4	99.9	257.9	24.3	23.7	5.1	485.9	999.9	99.9	999.9	100.1	69.
74.1	149.0	20040.5	51.0	-63.8	99.9	255.1	35.0	33.8	9.0	490.3	999.9	99.9	999.9	102.3	69.
75.0	150.0	20411.1	48.0	-65.0	99.9	256.6	29.1	28.3	6.8	496.0	999.9	99.9	999.9	104.0	69.
75.9	151.0	20670.2	46.0	-65.6	99.9	259.0	23.9	23.4	4.6	500.6	999.9	99.9	999.9	105.3	69.
76.9	152.0	20940.3	44.0	-65.9	99.9	256.9	23.8	23.2	3.4	506.5	999.9	99.9	999.9	106.6	69.
77.9	153.0	21222.7	42.0	-65.9	99.9	251.5	32.9	31.2	10.4	513.3	999.9	99.9	999.9	108.0	69.
78.9	154.0	21519.0	40.0	-65.9	99.9	254.3	30.1	28.9	9.1	520.5	999.9	99.9	999.9	110.4	69.
80.0	155.0	21830.6	38.0	-65.6	99.9	259.8	24.5	24.1	4.4	528.7	999.9	99.9	999.9	112.0	69.
81.1	156.0	22159.4	36.0	-65.4	99.9	266.2	27.5	27.4	1.8	537.5	999.9	99.9	999.9	113.6	69.
82.1	157.0	22507.2	34.0	-65.4	99.9	268.3	28.9	28.9	0.9	546.4	999.9	99.9	999.9	115.3	70.
83.4	158.0	22876.0	32.0	-65.4	99.9	271.3	31.2	31.2	-0.7	555.9	999.9	99.9	999.9	117.9	70.
84.7	159.0	23069.7	31.0	-64.4	99.9	279.6	27.3	26.9	-0.5	563.7	999.9	99.9	999.9	119.3	71.
85.9	160.0	23477.2	29.0	-64.6	99.9	269.1	42.1	42.1	0.6	574.0	999.9	99.9	999.9	122.0	71.
87.2	161.0	23913.7	27.0	-64.6	99.9	262.8	41.4	41.1	5.2	585.9	999.9	99.9	999.9	124.9	71.
88.6	162.0	24384.7	25.0	-63.8	99.9	261.9	31.8	31.5	4.5	601.2	999.9	99.9	999.9	128.0	72.
89.9	163.0	24895.2	23.0	-64.4	99.9	256.4	32.9	32.0	7.7	614.0	999.9	99.9	999.9	130.5	72.
91.3	164.0	25451.4	21.0	-64.4	99.9	254.4	32.5	31.3	8.7	630.1	999.9	99.9	999.9	133.3	72.
92.9	165.0	26063.9	19.0	-64.0	99.9	258.9	32.7	32.1	3.3	649.7	999.9	99.9	999.9	136.3	72.
94.6	166.0	26745.3	17.0	-64.0	99.9	259.7	34.4	33.9	3.1	670.7	999.9	99.9	999.9	139.7	72.
96.4	167.0	27512.7	15.0	-63.6	99.9	265.3	37.5	37.3	3.1	696.4	999.9	99.9	999.9	143.5	72.
98.3	168.0	28393.4	13.0	-62.5	99.9	261.3	37.2	36.8	5.6	729.6	999.9	99.9	999.9	147.8	73.
100.7	169.0	29439.3	11.0	-56.3	99.9	999.9	99.9	99.9	99.9	787.5	999.9	99.9	999.9	999.9	999.







STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
1415 GMT

157 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.6	141.0	18868.6	62.0	-60.1	99.9	262.2	23.0	22.8	3.1	471.9	999.9	99.9	999.9	85.6	69.
65.3	142.0	19178.3	59.0	-59.9	99.9	254.9	30.9	29.8	8.0	479.1	999.9	99.9	999.9	86.9	69.
66.1	143.0	19504.3	56.0	-59.9	99.9	251.5	35.0	33.2	11.1	486.3	999.9	99.9	999.9	88.4	69.
66.9	144.0	19731.1	54.0	-60.5	99.9	249.4	35.6	33.3	12.5	490.1	999.9	99.9	999.9	90.1	69.
67.7	145.0	19965.5	52.0	-61.8	99.9	249.0	35.3	33.0	12.7	492.4	999.9	99.9	999.9	92.0	69.
68.4	146.0	20332.7	49.0	-62.7	99.9	248.8	33.9	31.6	12.3	498.6	999.9	99.9	999.9	93.4	69.
69.2	147.0	20589.6	47.0	-62.7	99.9	246.9	33.1	30.5	13.0	504.6	999.9	99.9	999.9	95.0	69.
70.1	148.0	20857.0	45.0	-63.7	99.9	245.8	29.3	26.7	12.0	508.6	999.9	99.9	999.9	96.6	69.
70.9	149.0	21137.1	43.0	-61.9	99.9	248.6	32.0	29.8	11.7	519.5	999.9	99.9	999.9	98.0	69.
71.7	150.0	21582.7	40.0	-63.7	99.9	252.7	29.0	27.6	8.6	526.0	999.9	99.9	999.9	99.8	69.
72.7	151.0	21896.4	38.0	-65.1	99.9	270.3	17.8	17.8	-0.1	530.2	999.9	99.9	999.9	101.0	69.
73.7	152.0	22226.0	36.0	-65.1	99.9	267.7	23.6	23.6	1.0	538.5	999.9	99.9	999.9	102.0	69.
74.7	153.0	22576.2	34.0	-62.9	99.9	262.5	27.2	27.0	3.5	553.1	999.9	99.9	999.9	103.5	70.
75.7	154.0	22948.9	32.0	-63.7	99.9	262.6	27.5	27.3	3.5	560.7	999.9	99.9	999.9	105.2	70.
76.8	155.0	23343.8	30.0	-64.9	99.9	263.6	26.3	26.2	2.9	567.9	999.9	99.9	999.9	106.9	70.
78.1	156.0	23766.9	28.0	-62.7	99.9	261.0	32.2	31.8	5.1	585.2	999.9	99.9	999.9	108.9	70.
79.4	157.0	24468.3	25.0	-61.0	99.9	258.0	25.8	25.3	5.4	609.3	999.9	99.9	999.9	111.8	70.
80.7	158.0	24984.4	23.0	-62.7	99.9	253.1	27.2	26.0	7.9	619.0	999.9	99.9	999.9	113.3	70.
82.0	159.0	25545.2	21.0	-62.7	99.9	256.8	31.0	30.2	7.1	635.4	999.9	99.9	999.9	115.7	71.
83.5	160.0	26164.4	19.0	-61.2	99.9	265.5	30.7	30.6	2.4	658.5	999.9	99.9	999.9	118.4	71.
85.2	161.0	26854.0	17.0	-61.8	99.9	259.5	39.3	38.6	7.1	678.0	999.9	99.9	999.9	121.6	71.
87.0	162.0	28062.6	14.0	-59.6	99.9	999.9	99.9	99.9	99.9	724.1	999.9	99.9	999.9	999.9	999.



STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
1715 GMT

153 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	218.0	979.0	-0.6	-2.8	260.0	4.6	4.5	0.8	274.6	282.8	3.2	85.0	0.0	0.
0.3	7.0	299.9	969.0	-2.2	-5.4	255.5	3.8	3.6	0.9	273.8	280.6	2.6	78.7	0.1	90.
0.6	8.0	398.7	957.0	-3.3	-4.5	256.3	3.9	3.8	0.9	273.6	281.0	2.9	91.2	0.2	88.
1.0	9.0	498.5	945.0	-4.4	-5.1	258.9	4.5	4.4	0.9	273.5	280.7	2.8	94.7	0.2	84.
1.4	10.0	607.5	932.0	-5.3	-5.9	259.1	6.2	6.1	1.2	273.7	280.5	2.6	95.6	0.4	83.
1.9	11.0	734.9	917.0	-6.0	-6.4	262.6	8.0	7.9	1.0	274.2	280.9	2.6	96.8	0.6	81.
2.3	12.0	838.0	905.0	-6.6	-7.3	268.2	8.7	8.7	0.3	274.6	281.0	2.4	95.2	0.8	82.
2.7	13.0	933.5	894.0	-7.2	-7.7	269.8	9.3	9.3	0.0	274.9	281.2	2.4	96.4	1.0	84.
3.1	14.0	1038.7	882.0	-7.9	-8.4	266.2	10.3	10.3	0.7	275.2	281.2	2.3	96.5	1.2	85.
3.5	15.0	1145.3	870.0	-8.2	-8.6	260.5	11.7	11.6	1.9	276.0	281.9	2.3	96.1	1.5	85.
3.9	16.0	1271.2	856.0	-8.5	-9.1	258.5	12.1	11.8	2.1	276.9	282.9	2.2	95.8	1.8	84.
4.4	17.0	1380.7	844.0	-8.8	-9.3	259.4	12.1	11.9	2.2	277.7	283.7	2.2	96.4	2.2	83.
4.8	18.0	1482.4	833.0	-9.0	-9.4	264.2	12.8	12.8	1.3	278.6	284.6	2.2	96.3	2.5	83.
5.2	19.0	1594.7	821.0	-9.6	-10.0	268.2	12.8	12.8	0.4	279.2	285.0	2.2	96.5	2.8	83.
5.5	20.0	1699.0	810.0	-9.7	-10.1	270.4	12.1	12.1	-0.1	280.1	286.0	2.2	96.6	3.0	84.
6.0	21.0	1824.0	797.0	-9.6	-10.0	271.0	11.2	11.2	-0.2	281.5	287.6	2.2	96.7	3.3	84.
6.4	22.0	1931.5	786.0	-9.6	-10.0	270.3	12.6	12.6	-0.1	282.7	288.8	2.3	96.3	3.6	85.
6.8	23.0	2040.4	775.0	-10.0	-10.5	269.6	12.9	12.9	0.1	283.3	289.4	2.2	96.2	3.9	85.
7.2	24.0	2150.6	764.0	-10.4	-10.9	267.0	12.4	12.4	0.7	284.0	290.0	2.2	96.5	4.2	86.
7.6	25.0	2252.0	754.0	-11.0	-11.4	262.6	11.7	11.6	1.5	284.5	290.3	2.1	96.7	4.5	86.
8.1	26.0	2385.8	741.0	-11.0	-11.4	258.7	11.3	11.1	2.2	285.9	291.9	2.2	96.9	4.9	85.
8.5	27.0	2500.7	730.0	-11.1	-11.7	257.6	11.2	11.0	2.4	286.9	292.9	2.1	95.8	5.1	84.
8.9	28.0	2606.7	720.0	-11.1	-12.1	258.6	11.6	11.3	2.3	288.1	293.8	2.0	89.9	5.4	84.
9.3	29.0	2714.1	710.0	-11.6	-13.1	259.0	12.2	11.9	2.3	288.7	294.2	1.9	87.0	5.7	84.
9.7	30.0	2822.7	700.0	-12.6	-14.1	258.7	13.0	12.8	2.6	288.8	294.0	1.8	88.2	6.0	84.
10.2	31.0	2932.5	690.0	-13.1	-14.3	257.9	14.4	14.0	3.0	289.4	294.5	1.8	90.4	6.4	83.
10.6	32.0	3055.0	679.0	-13.4	-15.7	257.5	15.4	15.1	3.3	290.4	295.1	1.7	82.8	6.7	83.
11.0	33.0	3156.5	670.0	-14.1	-16.6	257.6	16.2	15.8	3.5	290.7	295.2	1.6	81.3	7.1	83.
11.4	34.0	3270.4	660.0	-15.3	-18.4	258.2	16.2	15.9	3.3	290.5	294.4	1.4	77.5	7.5	92.
11.9	35.0	3385.6	650.0	-16.2	-19.2	259.7	15.6	15.3	2.8	290.8	294.6	1.3	77.6	8.0	92.
12.4	36.0	3537.5	637.0	-17.1	-20.1	261.7	14.6	14.5	2.1	291.4	295.0	1.2	77.8	8.5	92.
12.9	37.0	3644.1	628.0	-18.1	-20.4	262.9	14.2	14.1	1.8	291.5	295.0	1.2	82.3	8.9	82.
13.3	38.0	3763.9	618.0	-18.9	-20.8	262.7	14.5	14.3	1.8	291.9	295.4	1.2	85.1	9.2	82.
13.7	39.0	3873.1	609.0	-19.7	-20.9	261.6	15.0	14.9	2.2	292.2	295.7	1.2	90.4	9.6	82.
14.1	40.0	3983.5	600.0	-20.8	-22.1	259.6	15.9	15.6	2.9	292.2	295.4	1.1	89.2	9.9	82.
14.6	41.0	4132.7	588.0	-21.5	-22.0	256.6	17.2	16.7	4.0	293.1	296.2	1.0	88.4	10.4	82.
15.0	42.0	4246.4	579.0	-21.9	-24.0	254.6	18.1	17.4	4.8	293.9	296.7	0.9	82.3	10.8	82.
15.5	43.0	4361.6	570.0	-22.5	-25.3	253.5	18.4	17.7	5.2	294.4	297.0	0.8	77.7	11.4	81.
15.9	44.0	4478.3	561.0	-23.5	-25.6	253.3	18.0	17.3	5.2	294.6	297.2	0.8	82.7	11.9	81.
16.4	45.0	4596.4	552.0	-24.4	-28.0	253.2	17.6	16.8	5.1	294.9	297.0	0.7	71.5	12.4	81.
16.9	46.0	4702.6	544.0	-25.3	-29.3	252.8	17.2	16.4	5.1	295.0	296.9	0.6	69.2	12.9	80.
17.3	47.0	4837.1	534.0	-26.2	-30.5	252.3	16.8	16.0	5.1	295.5	297.2	0.6	67.0	13.3	80.
17.7	48.0	4946.1	526.0	-27.2	-31.4	251.7	16.4	15.5	5.1	295.6	297.3	0.5	67.2	13.7	80.
18.2	49.0	5070.3	517.0	-28.1	-32.1	251.4	16.2	15.3	5.2	296.0	297.5	0.5	68.4	14.2	80.
18.6	50.0	5182.0	509.0	-29.0	-32.9	251.8	16.5	15.7	5.2	296.2	297.6	0.5	68.6	14.5	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
1715 GMT

153 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.2	51.0	5337.9	498.0	-30.2	-34.0	252.3	17.3	16.4	5.3	296.6	297.9	0.4	69.0	15.1	79.
19.6	52.0	5452.9	490.0	-31.5	-35.5	251.9	17.6	16.7	5.5	296.3	297.5	0.4	67.6	15.6	79.
20.0	53.0	5569.3	482.0	-32.2	-35.8	251.2	17.8	16.9	5.8	296.9	298.1	0.4	69.8	16.0	79.
20.5	54.0	5687.2	474.0	-33.2	-37.2	250.8	18.9	17.9	6.2	297.0	298.1	0.3	67.2	16.5	78.
20.9	55.0	5806.6	466.0	-34.2	-38.5	250.6	19.9	18.7	6.6	297.3	298.3	0.3	64.4	17.0	78.
21.4	56.0	5958.1	456.0	-35.5	-40.1	249.3	20.2	18.9	7.1	297.5	298.3	0.3	62.4	17.6	78.
21.8	57.0	6081.0	448.0	-36.7	-42.0	247.8	20.1	18.6	7.6	297.5	298.2	0.2	57.5	18.1	78.
22.3	58.0	6189.9	441.0	-37.5	-43.5	246.1	19.9	18.2	8.1	297.8	298.4	0.2	53.0	18.6	77.
22.8	59.0	6316.0	433.0	-38.4	-44.8	244.8	19.8	17.9	8.4	298.2	298.7	0.2	50.5	19.3	77.
23.3	60.0	6443.9	425.0	-39.5	99.9	243.3	19.5	17.4	8.8	298.4	999.9	99.9	999.9	19.8	77.
23.7	61.0	6557.3	418.0	-40.8	99.9	242.0	19.4	17.2	9.1	298.3	999.9	99.9	999.9	20.3	76.
24.1	62.0	6672.1	411.0	-41.4	99.9	241.0	19.6	17.2	9.5	298.8	999.9	99.9	999.9	20.7	76.
24.6	63.0	6788.4	404.0	-42.5	99.9	240.3	20.2	17.6	10.0	298.9	999.9	99.9	999.9	21.3	76.
25.0	64.0	6923.2	396.0	-43.7	99.9	239.8	20.5	17.8	10.3	299.1	999.9	99.9	999.9	21.8	75.
25.4	65.0	7042.7	389.0	-44.9	99.9	239.4	20.3	17.4	10.3	299.0	999.9	99.9	999.9	22.3	75.
26.0	66.0	7198.7	380.0	-46.4	99.9	238.4	19.4	16.5	10.2	299.1	999.9	99.9	999.9	22.9	74.
26.5	67.0	7321.9	373.0	-47.7	99.9	236.7	19.0	15.8	10.4	299.0	999.9	99.9	999.9	23.5	74.
27.0	68.0	7428.7	367.0	-48.7	99.9	236.1	19.0	15.7	10.6	299.0	999.9	99.9	999.9	24.0	74.
27.5	69.0	7555.0	360.0	-49.7	99.9	235.2	18.7	15.9	9.8	299.2	999.9	99.9	999.9	24.6	73.
28.0	70.0	7683.2	353.0	-50.8	99.9	241.9	17.9	15.8	9.4	299.5	999.9	99.9	999.9	25.2	73.
28.6	71.0	7832.1	345.0	-52.2	99.9	245.8	17.8	16.3	7.3	299.6	999.9	99.9	999.9	25.7	73.
29.1	72.0	7945.3	339.0	-53.3	99.9	248.3	18.4	17.1	6.8	299.6	999.9	99.9	999.9	26.3	73.
29.6	73.0	8079.4	332.0	-54.2	99.9	250.4	18.3	17.3	6.2	300.1	999.9	99.9	999.9	26.8	72.
30.1	74.0	8196.1	326.0	-55.2	99.9	252.0	17.8	16.9	5.5	300.4	999.9	99.9	999.9	27.4	72.
30.6	75.0	8314.8	320.0	-55.0	99.9	253.4	17.4	16.7	5.0	302.2	999.9	99.9	999.9	27.9	72.
31.0	76.0	8435.6	314.0	-55.5	99.9	254.3	17.1	16.5	4.6	303.2	999.9	99.9	999.9	28.4	72.
31.5	77.0	8558.6	308.0	-55.5	99.9	254.2	17.0	16.3	4.6	304.8	999.9	99.9	999.9	28.8	73.
32.0	78.0	8684.0	302.0	-55.5	99.9	252.4	17.8	16.9	5.4	306.5	999.9	99.9	999.9	29.2	73.
32.4	79.0	8811.9	296.0	-55.7	99.9	250.6	18.3	17.3	6.1	308.1	999.9	99.9	999.9	29.8	73.
32.9	80.0	8942.2	290.0	-56.0	99.9	249.1	19.0	17.8	6.8	309.4	999.9	99.9	999.9	30.3	73.
33.6	81.0	9097.6	283.0	-56.2	99.9	248.3	22.0	20.4	8.1	311.4	999.9	99.9	999.9	31.1	72.
34.1	82.0	9233.8	277.0	-56.3	99.9	247.4	25.0	23.1	7.6	313.0	999.9	99.9	999.9	31.8	72.
34.6	83.0	9349.5	272.0	-56.0	99.9	245.9	27.2	24.8	11.1	315.1	999.9	99.9	999.9	32.7	72.
35.0	84.0	9491.4	266.0	-56.0	99.9	244.8	28.2	25.5	12.0	317.2	999.9	99.9	999.9	33.3	72.
35.5	85.0	9612.2	261.0	-55.8	99.9	244.0	28.6	25.7	12.5	319.1	999.9	99.9	999.9	34.2	72.
36.0	86.0	9785.6	254.0	-55.0	99.9	243.9	29.3	26.3	12.9	322.8	999.9	99.9	999.9	35.0	72.
36.4	87.0	9912.8	249.0	-54.4	99.9	244.8	31.1	28.2	15.3	325.6	999.9	99.9	999.9	35.7	71.
36.9	88.0	10042.8	244.0	-54.2	99.9	245.7	33.3	30.4	15.7	327.8	999.9	99.9	999.9	36.6	71.
37.4	89.0	10175.6	239.0	-54.1	99.9	245.5	33.2	30.2	15.8	329.9	999.9	99.9	999.9	37.8	71.
37.9	90.0	10311.4	234.0	-53.7	99.9	245.1	31.8	28.9	15.4	332.4	999.9	99.9	999.9	38.7	71.
38.4	91.0	10450.4	229.0	-53.3	99.9	246.0	32.5	29.7	15.2	335.2	999.9	99.9	999.9	39.5	71.
38.9	92.0	10592.5	224.0	-53.4	99.9	247.1	34.3	31.6	15.4	337.1	999.9	99.9	999.9	40.6	71.
39.4	93.0	10737.8	219.0	-53.6	99.9	246.6	34.2	31.4	15.6	339.0	999.9	99.9	999.9	41.8	71.
39.9	94.0	10886.4	214.0	-53.4	99.9	245.3	32.9	29.9	13.7	341.5	999.9	99.9	999.9	42.7	71.
40.3	95.0	11007.8	210.0	-53.6	99.9	245.3	33.4	30.3	13.9	343.1	999.9	99.9	999.9	43.4	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
1715 GMT

153 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
40.9	96.0	11194.1	204.0	-53.9	99.9	246.8	37.1	34.1	14.6	345.5	999.9	99.9	999.9	44.6	70.
41.3	97.0	11321.2	200.0	-54.1	99.9	247.3	39.4	36.4	15.2	347.2	999.9	99.9	999.9	45.6	70.
41.8	98.0	11483.6	195.0	-54.2	99.9	247.0	39.3	36.2	15.4	349.5	999.9	99.9	999.9	46.9	70.
42.2	99.0	11616.6	191.0	-54.1	99.9	246.0	37.4	34.2	15.2	351.8	999.9	99.9	999.9	47.9	70.
42.7	100.0	11752.4	187.0	-54.1	99.9	244.5	36.1	32.6	15.5	353.9	999.9	99.9	999.9	48.8	70.
43.3	101.0	11926.0	182.0	-54.9	99.9	243.8	39.1	35.0	17.3	355.4	999.9	99.9	999.9	50.0	70.
43.8	102.0	12103.9	177.0	-55.3	99.9	243.8	42.3	37.9	18.7	357.4	999.9	99.9	999.9	51.3	70.
44.4	103.0	12249.7	173.0	-55.5	99.9	244.0	42.8	38.5	18.8	359.5	999.9	99.9	999.9	53.0	70.
44.9	104.0	12399.1	169.0	-54.9	99.9	244.9	41.6	37.7	17.7	363.0	999.9	99.9	999.9	54.1	69.
45.5	105.0	12552.5	165.0	-54.1	99.9	246.1	40.8	37.3	15.5	366.8	999.9	99.9	999.9	55.8	69.
46.1	106.0	12670.7	162.0	-52.6	99.9	245.9	41.6	38.0	17.0	371.1	999.9	99.9	999.9	57.0	69.
46.6	107.0	12832.0	158.0	-53.1	99.9	245.2	42.9	39.0	18.0	373.0	999.9	99.9	999.9	58.5	69.
47.0	108.0	12996.9	154.0	-54.1	99.9	244.7	43.8	39.6	18.7	374.1	999.9	99.9	999.9	59.2	69.
47.5	109.0	13165.7	150.0	-54.4	99.9	244.1	41.5	37.3	18.1	376.4	999.9	99.9	999.9	61.0	69.
48.0	110.0	13295.2	147.0	-54.2	99.9	243.5	36.7	32.8	16.4	378.9	999.9	99.9	999.9	62.1	69.
48.6	111.0	13472.3	143.0	-53.9	99.9	244.5	36.5	33.0	15.8	382.4	999.9	99.9	999.9	63.0	69.
49.2	112.0	13654.5	139.0	-53.7	99.9	246.4	42.6	39.0	17.1	385.8	999.9	99.9	999.9	64.5	69.
49.8	113.0	13795.2	136.0	-52.3	99.9	246.5	46.9	43.0	18.7	390.7	999.9	99.9	999.9	66.2	69.
50.3	114.0	13939.5	133.0	-52.3	99.9	245.1	44.8	40.6	18.9	393.2	999.9	99.9	999.9	67.7	69.
50.9	115.0	14136.9	129.0	-52.5	99.9	242.7	37.2	33.0	17.1	396.4	999.9	99.9	999.9	69.4	69.
51.6	116.0	14340.3	125.0	-53.1	99.9	241.3	31.2	27.3	15.0	398.9	999.9	99.9	999.9	70.5	68.
52.1	117.0	14496.8	122.0	-53.3	99.9	242.5	30.7	27.2	14.1	401.4	999.9	99.9	999.9	71.3	68.
52.7	118.0	14657.3	119.0	-52.8	99.9	245.9	29.7	27.1	12.1	405.1	999.9	99.9	999.9	72.6	68.
53.3	119.0	14822.2	116.0	-52.6	99.9	249.6	30.3	28.4	10.6	408.3	999.9	99.9	999.9	73.4	68.
53.9	120.0	14991.4	113.0	-52.6	99.9	250.4	35.2	33.1	11.8	411.4	999.9	99.9	999.9	74.8	68.
54.6	121.0	15165.3	110.0	-52.3	99.9	249.1	41.2	38.5	14.7	415.2	999.9	99.9	999.9	76.1	68.
55.2	122.0	15344.1	107.0	-52.5	99.9	248.4	41.5	38.6	15.3	419.2	999.9	99.9	999.9	78.0	68.
55.9	123.0	15527.8	104.0	-52.9	99.9	248.3	39.7	36.9	11.7	420.7	999.9	99.9	999.9	79.5	68.
56.5	124.0	15652.7	102.0	-53.9	99.9	248.3	37.9	35.2	14.0	421.2	999.9	99.9	999.9	81.1	68.
57.1	125.0	15909.7	98.0	-53.9	99.9	248.3	36.1	33.5	11.3	426.1	999.9	99.9	999.9	82.3	68.
57.8	126.0	16109.1	95.0	-54.5	99.9	248.3	35.2	32.7	13.0	428.6	999.9	99.9	999.9	83.8	68.
58.3	127.0	16245.0	93.0	-55.5	99.9	248.3	32.6	30.2	12.0	429.3	999.9	99.9	999.9	84.9	68.
58.8	128.0	16453.8	90.0	-56.0	99.9	248.3	29.8	27.7	11.0	432.4	999.9	99.9	999.9	85.8	68.
59.4	129.0	16556.4	88.0	-57.0	99.9	248.5	29.7	27.7	10.9	433.2	999.9	99.9	999.9	86.7	68.
59.9	130.0	16815.9	85.0	-57.3	99.9	249.6	30.3	28.4	10.6	436.8	999.9	99.9	999.9	87.7	68.
60.5	131.0	17043.0	82.0	-57.5	99.9	251.6	28.6	27.1	9.0	441.0	999.9	99.9	999.9	88.9	68.
61.1	132.0	17199.0	80.0	-57.3	99.9	251.4	27.6	26.2	8.8	444.5	999.9	99.9	999.9	89.7	68.
61.6	133.0	17358.8	78.0	-58.0	99.9	249.7	29.0	27.2	10.1	446.3	999.9	99.9	999.9	90.5	68.
62.2	134.0	17605.4	75.0	-59.0	99.9	248.5	29.8	27.8	11.0	449.2	999.9	99.9	999.9	91.7	68.
62.7	135.0	17774.5	73.0	-60.1	99.9	247.5	28.6	26.5	11.0	450.4	999.9	99.9	999.9	92.6	68.
63.5	136.0	18036.1	70.0	-60.6	99.9	244.7	27.3	24.7	11.7	454.7	999.9	99.9	999.9	93.9	68.
64.2	137.0	18216.6	68.0	-60.6	99.9	246.1	35.2	32.2	14.3	458.5	999.9	99.9	999.9	95.0	68.
64.9	138.0	18497.5	65.0	-60.6	99.9	247.9	40.6	37.6	15.3	464.5	999.9	99.9	999.9	97.0	68.
65.6	139.0	18791.6	62.0	-60.6	99.9	248.2	32.5	30.2	12.1	470.8	999.9	99.9	999.9	98.6	68.
66.4	140.0	18996.2	60.0	-59.7	99.9	246.6	26.4	24.3	10.5	477.2	999.9	99.9	999.9	99.7	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
1715 GMT

153 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.1	141.0	19207.4	58.0	-61.1	99.9	243.9	28.9	26.0	12.7	478.6	999.9	99.9	999.9	100.8	68.
67.9	142.0	19536.4	55.0	-62.2	99.9	242.8	30.0	26.7	13.7	483.5	999.9	99.9	999.9	102.4	68.
68.7	143.0	19764.7	53.0	-63.2	99.9	245.1	30.6	27.8	12.9	486.4	999.9	99.9	999.9	103.7	68.
69.5	144.0	20122.3	50.0	-64.1	99.9	247.4	30.1	27.8	11.6	492.4	999.9	99.9	999.9	105.4	68.
70.4	145.0	20372.0	48.0	-64.5	99.9	243.2	30.6	27.3	13.8	497.2	999.9	99.9	999.9	106.8	68.
71.3	146.0	20766.8	45.0	-64.1	99.9	241.4	29.4	25.8	15.1	507.4	999.9	99.9	999.9	108.6	68.
72.1	147.0	21045.1	43.0	-64.1	99.9	245.6	22.8	20.7	9.4	514.1	999.9	99.9	999.9	109.9	68.
73.1	148.0	21488.1	40.0	-63.9	99.9	251.4	27.1	25.7	8.7	525.3	999.9	99.9	999.9	111.2	68.
74.1	149.0	21802.0	38.0	-64.5	99.9	258.9	27.7	27.2	5.4	531.6	999.9	99.9	999.9	112.9	68.
75.1	150.0	22132.9	36.0	-63.9	99.9	257.9	26.7	26.1	5.6	541.4	999.9	99.9	999.9	114.5	68.
76.3	151.0	22484.2	34.0	-62.6	99.9	256.2	33.3	32.4	8.0	553.8	999.9	99.9	999.9	116.4	68.
77.4	152.0	23054.2	31.0	-62.4	99.9	257.8	34.7	34.0	7.3	569.1	999.9	99.9	999.9	119.0	68.
78.6	153.0	23466.3	29.0	-61.9	99.9	261.0	24.7	24.4	3.8	581.6	999.9	99.9	999.9	121.0	69.
79.9	154.0	24142.1	26.0	-61.9	99.9	249.5	34.4	32.2	12.0	600.0	999.9	99.9	999.9	123.3	69.
81.2	155.0	24636.2	24.0	-63.0	99.9	248.8	31.5	29.4	11.4	610.7	999.9	99.9	999.9	125.8	69.
82.6	156.0	25170.9	22.0	-63.7	99.9	252.0	34.0	32.3	10.5	623.8	999.9	99.9	999.9	128.5	69.
84.0	157.0	26070.5	19.0	-63.6	99.9	999.9	99.9	99.9	99.9	651.1	999.9	99.9	999.9	999.9	999.
85.7	158.0	26759.6	17.0	-59.7	99.9	999.9	99.9	99.9	99.9	684.5	999.9	99.9	999.9	999.9	999.

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
2015 GMT

151 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	218.0	978.3	-1.1	-2.2	250.0	7.2	6.8	2.5	274.2	282.7	3.3	92.0	0.0	0.
0.4	7.0	294.1	969.0	-2.1	-3.5	249.0	8.8	8.2	3.1	273.9	281.7	3.0	89.9	0.2	67.
0.8	8.0	393.1	957.0	-3.0	-4.0	250.8	9.1	8.6	3.0	273.9	281.6	3.0	93.2	0.4	68.
1.2	9.0	492.9	945.0	-3.8	-4.2	253.6	9.4	9.0	2.6	274.1	281.8	3.0	97.3	0.6	69.
1.5	10.0	593.8	933.0	-4.6	-4.9	256.0	9.5	9.2	2.3	274.3	281.7	2.9	97.6	0.8	70.
1.9	11.0	721.4	918.0	-5.2	-5.3	257.9	9.5	9.3	2.0	275.0	282.2	2.8	98.6	1.0	72.
2.3	12.0	816.0	907.0	-5.9	-6.0	257.9	10.5	10.3	2.2	275.1	282.2	2.7	99.5	1.3	73.
2.7	13.0	920.4	895.0	-6.4	-6.4	257.9	11.4	11.2	2.4	275.7	282.6	2.6	99.4	1.5	74.
3.1	14.0	1017.1	884.0	-7.0	-7.1	258.9	11.7	11.4	2.2	276.1	282.7	2.5	99.3	1.8	75.
3.5	15.0	1123.7	872.0	-7.6	-7.7	262.2	11.2	11.1	1.5	276.5	283.0	2.5	99.2	2.1	75.
3.9	16.0	1249.6	858.0	-8.3	-8.4	264.5	11.1	11.1	1.1	277.0	283.3	2.4	99.1	2.3	76.
4.3	17.0	1349.7	847.0	-8.9	-9.0	264.1	11.6	11.5	1.2	277.4	283.5	2.3	99.0	2.6	77.
4.6	18.0	1451.0	836.0	-9.2	-9.3	263.2	11.8	11.7	1.4	278.1	284.2	2.3	99.0	2.8	78.
4.9	19.0	1562.8	824.0	-9.7	-9.9	262.1	11.3	11.2	1.6	278.7	284.5	2.2	98.9	3.0	78.
5.3	20.0	1657.1	814.0	-10.0	-10.2	262.6	11.2	11.1	1.4	279.3	285.2	2.2	98.9	3.3	78.
5.8	21.0	1790.9	800.0	-10.3	-10.5	266.0	12.1	12.1	0.8	280.4	286.2	2.2	98.8	3.6	79.
6.2	22.0	1897.6	789.0	-10.6	-10.8	269.5	12.7	12.7	0.1	281.2	287.0	2.1	98.8	3.9	79.
6.6	23.0	1995.8	779.0	-10.5	-10.6	272.9	12.4	12.4	-0.6	282.4	288.4	2.2	98.8	4.2	80.
6.9	24.0	2105.4	768.0	-10.6	-10.9	274.8	11.9	11.8	-1.0	283.4	289.3	2.2	97.8	4.5	81.
7.2	25.0	2206.2	758.0	-11.2	-11.5	276.8	11.4	11.3	-1.4	283.8	289.6	2.1	97.3	4.7	82.
7.7	26.0	2338.9	745.0	-11.9	-12.3	279.8	10.9	10.7	-1.9	284.5	290.0	2.0	97.0	5.0	83.
8.0	27.0	2442.4	735.0	-12.0	-12.7	281.1	10.7	10.5	-2.1	285.4	290.9	2.0	95.0	5.2	83.
8.4	28.0	2557.8	724.0	-12.3	-13.3	281.1	10.8	10.6	-2.1	286.3	291.6	1.9	92.3	5.4	84.
8.8	29.0	2664.1	714.0	-12.9	-14.2	280.2	11.1	10.9	-2.0	286.8	291.8	1.8	89.7	5.6	85.
9.1	30.0	2771.6	704.0	-13.4	-15.1	279.3	11.5	11.3	-1.8	287.3	292.1	1.7	87.4	5.8	86.
9.5	31.0	2880.5	694.0	-14.0	-15.9	277.7	12.2	12.1	-1.6	287.9	292.4	1.6	85.7	6.1	86.
9.9	32.0	2979.5	685.0	-14.5	-16.4	276.5	13.3	13.2	-1.5	288.3	292.7	1.5	85.4	6.4	87.
10.2	33.0	3090.9	675.0	-15.2	-17.2	275.5	13.9	13.8	-1.3	288.8	293.0	1.5	85.5	6.6	87.
10.6	34.0	3203.5	665.0	-16.2	-18.4	273.8	14.2	14.1	-0.9	288.9	292.8	1.3	83.0	7.0	88.
10.9	35.0	3317.5	655.0	-16.8	-19.0	271.7	13.8	13.8	-0.4	289.5	293.3	1.3	82.5	7.3	88.
11.4	36.0	3456.4	643.0	-17.0	-19.3	266.7	12.8	12.8	0.7	290.7	294.5	1.3	82.1	7.7	88.
11.8	37.0	3562.1	634.0	-17.8	-20.1	263.0	12.5	12.4	1.5	291.0	294.5	1.2	82.3	7.9	88.
12.2	38.0	3681.0	624.0	-18.3	-20.4	260.5	12.7	12.5	2.1	291.8	295.4	1.2	82.9	8.2	87.
12.6	39.0	3789.4	615.0	-18.9	-21.3	259.1	13.2	12.9	2.5	292.2	295.6	1.1	81.5	8.5	87.
12.9	40.0	3899.0	606.0	-19.9	-22.8	258.4	13.4	13.2	2.7	292.4	295.4	1.0	77.7	8.8	87.
13.4	41.0	4047.2	594.0	-21.0	-24.4	257.9	13.5	13.2	2.8	292.8	295.5	0.9	73.6	9.2	86.
13.8	42.0	4159.8	585.0	-21.6	-25.0	258.2	13.5	13.2	2.8	293.3	295.9	0.9	74.1	9.5	86.
14.2	43.0	4273.9	576.0	-22.4	-26.0	258.7	13.9	13.6	2.7	293.6	296.0	0.8	72.7	9.8	86.
14.7	44.0	4376.5	568.0	-23.2	-27.0	258.5	15.1	14.8	3.0	293.9	296.1	0.7	70.6	10.2	86.
15.1	45.0	4506.4	558.0	-24.0	-28.7	257.6	16.5	16.1	3.5	294.4	296.4	0.6	65.0	10.6	85.
15.5	46.0	4611.7	550.0	-24.4	-30.0	256.6	17.9	17.4	3.1	295.1	296.9	0.6	59.4	11.0	85.
15.9	47.0	4731.8	541.0	-25.4	-34.2	256.0	18.6	18.1	4.5	295.4	296.6	0.4	43.2	11.5	85.
16.3	48.0	4853.4	532.0	-26.0	-34.6	255.6	19.1	18.5	4.7	296.0	297.2	0.4	43.9	11.9	84.
16.8	49.0	4962.9	524.0	-26.9	-35.2	255.3	19.5	18.8	4.9	296.2	297.3	0.4	45.3	12.5	84.
17.1	50.0	5087.6	515.0	-27.7	-35.7	255.1	19.6	19.0	5.0	296.7	297.8	0.3	46.4	12.8	84.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
2015 GMT

151 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.6	51.0	5214.1	506.0	-28.9	-36.4	254.9	19.7	19.0	5.1	296.7	297.8	0.3	47.9	13.4	83.
18.0	52.0	5342.2	497.0	-29.9	-37.7	255.0	19.7	19.0	5.1	297.1	298.1	0.3	45.8	13.9	83.
18.4	53.0	5457.7	489.0	-30.9	-39.0	255.4	20.0	19.4	5.0	297.2	298.1	0.3	44.4	14.3	83.
18.8	54.0	5574.5	481.0	-31.8	-40.4	255.7	20.2	19.6	5.0	297.5	298.2	0.2	42.2	14.9	83.
19.2	55.0	5692.8	473.0	-32.9	-41.5	255.7	20.2	19.6	5.0	297.6	298.3	0.2	41.5	15.4	82.
19.7	56.0	5842.7	463.0	-34.2	-43.0	255.2	20.1	19.5	5.1	297.7	298.3	0.2	40.4	15.9	82.
20.2	57.0	5949.2	456.0	-35.2	-43.8	254.4	20.5	19.7	5.5	297.9	298.4	0.2	40.4	16.5	82.
20.5	58.0	6072.3	448.0	-36.1	-44.5	253.9	20.9	20.0	5.9	298.2	298.7	0.2	41.2	16.9	82.
21.0	59.0	6181.4	441.0	-37.2	-45.9	252.7	21.2	20.3	6.3	298.2	298.6	0.1	39.6	17.5	81.
21.4	60.0	6307.6	433.0	-38.3	-47.1	251.6	20.9	19.8	6.6	298.3	298.8	0.1	38.6	18.0	81.
21.8	61.0	6419.6	426.0	-39.0	99.9	250.9	20.4	19.3	6.7	298.9	999.9	99.9	999.9	18.6	81.
22.2	62.0	6549.3	418.0	-40.2	99.9	251.1	20.5	19.4	6.6	299.0	999.9	99.9	999.9	19.0	81.
22.7	63.0	6664.3	411.0	-41.0	99.9	252.5	21.3	20.4	6.4	299.4	999.9	99.9	999.9	19.6	80.
23.1	64.0	6797.8	403.0	-41.7	99.9	253.8	21.9	21.0	6.1	300.1	999.9	99.9	999.9	20.2	80.
23.5	65.0	6916.2	396.0	-43.0	99.9	254.5	21.8	21.0	5.8	300.0	999.9	99.9	999.9	20.7	80.
24.0	66.0	7053.6	388.0	-44.0	99.9	254.1	21.8	21.0	6.0	300.5	999.9	99.9	999.9	21.3	80.
24.5	67.0	7175.5	381.0	-45.1	99.9	252.5	22.8	21.8	6.9	300.5	999.9	99.9	999.9	21.9	80.
24.9	68.0	7299.1	374.0	-46.0	99.9	250.5	22.8	21.5	7.6	301.0	999.9	99.9	999.9	22.5	79.
25.2	69.0	7424.5	367.0	-47.0	99.9	248.9	22.2	20.8	3.0	301.3	999.9	99.9	999.9	23.0	79.
25.6	70.0	7551.8	360.0	-48.0	99.9	247.2	21.4	19.8	3.3	301.5	999.9	99.9	999.9	23.5	79.
26.2	71.0	7699.7	352.0	-49.1	99.9	247.4	21.8	20.1	8.4	302.1	999.9	99.9	999.9	24.1	79.
26.6	72.0	7812.2	346.0	-50.4	99.9	248.2	22.5	20.8	8.3	301.7	999.9	99.9	999.9	24.7	78.
26.9	73.0	7926.1	340.0	-51.2	99.9	248.4	22.6	21.0	8.3	302.2	999.9	99.9	999.9	25.1	78.
27.3	74.0	8061.1	333.0	-52.0	99.9	247.7	22.1	20.4	8.4	302.9	999.9	99.9	999.9	25.7	78.
27.8	75.0	8178.6	327.0	-53.1	99.9	245.7	21.0	19.1	8.6	303.0	999.9	99.9	999.9	26.3	78.
28.1	76.0	8297.8	321.0	-53.7	99.9	244.3	20.4	18.4	8.8	303.7	999.9	99.9	999.9	26.7	78.
28.5	77.0	8418.8	315.0	-54.7	99.9	242.8	20.1	17.9	9.2	304.0	999.9	99.9	999.9	27.1	77.
28.8	78.0	8541.9	309.0	-54.7	99.9	242.7	20.7	18.4	9.5	305.7	999.9	99.9	999.9	27.4	77.
29.3	79.0	8667.2	303.0	-55.3	99.9	243.2	22.2	19.8	10.0	306.5	999.9	99.9	999.9	28.1	77.
29.7	80.0	8794.6	297.0	-56.2	99.9	244.5	23.6	21.3	10.1	307.1	999.9	99.9	999.9	28.6	77.
30.2	81.0	8945.9	290.0	-56.8	99.9	246.5	25.1	23.0	10.0	308.2	999.9	99.9	999.9	29.3	76.
30.5	82.0	9078.3	284.0	-57.2	99.9	247.5	25.8	23.8	7.9	309.6	999.9	99.9	999.9	29.8	76.
30.9	83.0	9190.7	279.0	-57.2	99.9	246.6	26.6	24.4	10.6	311.2	999.9	99.9	999.9	30.4	76.
31.3	84.0	9328.5	273.0	-56.3	99.9	244.4	27.8	25.1	12.0	314.3	999.9	99.9	999.9	31.0	76.
31.8	85.0	9446.0	268.0	-56.0	99.9	241.9	30.1	26.5	14.1	316.5	999.9	99.9	999.9	31.8	75.
32.2	86.0	9614.7	261.0	-55.0	99.9	241.5	32.4	28.5	15.4	320.3	999.9	99.9	999.9	32.5	75.
32.6	87.0	9738.7	256.0	-53.7	99.9	242.5	34.9	30.9	15.1	324.0	999.9	99.9	999.9	33.4	75.
33.0	88.0	9865.3	251.0	-54.2	99.9	244.3	36.9	33.2	15.0	325.1	999.9	99.9	999.9	34.2	74.
33.4	89.0	9994.5	246.0	-53.7	99.9	245.5	37.3	34.0	15.5	327.7	999.9	99.9	999.9	35.2	74.
33.8	90.0	10126.6	241.0	-53.4	99.9	246.3	37.2	34.0	15.0	330.2	999.9	99.9	999.9	36.1	74.
34.3	91.0	10261.6	236.0	-53.2	99.9	246.7	36.9	33.9	14.6	332.4	999.9	99.9	999.9	37.1	74.
34.7	92.0	10399.4	231.0	-53.5	99.9	246.4	36.7	33.6	14.7	333.9	999.9	99.9	999.9	38.0	74.
35.1	93.0	10540.2	226.0	-53.5	99.9	245.2	36.7	33.3	15.4	336.0	999.9	99.9	999.9	38.9	74.
35.6	94.0	10684.1	221.0	-53.4	99.9	243.6	37.9	33.9	15.8	338.4	999.9	99.9	999.9	40.0	73.
36.0	95.0	10801.6	217.0	-53.7	99.9	243.2	40.3	36.0	13.2	339.7	999.9	99.9	999.9	40.6	73.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
2015 GMT

151 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.5	96.0	10981.9	211.0	-53.5	99.9	244.0	42.8	38.5	13.8	342.7	999.9	99.9	999.9	42.2	73.
36.9	97.0	11104.9	207.0	-53.9	99.9	244.9	42.1	38.1	17.9	344.1	999.9	99.9	999.9	43.2	72.
37.4	98.0	11262.2	202.0	-53.4	99.9	245.9	40.5	37.0	15.6	347.3	999.9	99.9	999.9	44.4	72.
37.8	99.0	11391.2	198.0	-52.6	99.9	246.6	40.1	36.8	15.9	350.5	999.9	99.9	999.9	45.3	72.
38.3	100.0	11556.3	193.0	-52.9	99.9	247.2	39.4	36.3	15.3	352.6	999.9	99.9	999.9	46.5	72.
38.8	101.0	11725.5	188.0	-53.1	99.9	247.3	37.0	34.1	14.2	355.0	999.9	99.9	999.9	47.8	72.
39.4	102.0	11864.0	184.0	-53.5	99.9	247.0	34.2	31.5	13.4	356.4	999.9	99.9	999.9	48.8	72.
39.8	103.0	12005.4	180.0	-53.5	99.9	246.9	34.6	31.8	13.6	358.6	999.9	99.9	999.9	49.8	72.
40.3	104.0	12150.0	176.0	-53.4	99.9	247.0	36.5	33.6	14.3	361.2	999.9	99.9	999.9	50.7	72.
40.7	105.0	12298.0	172.0	-53.4	99.9	247.1	38.2	35.2	14.9	363.6	999.9	99.9	999.9	51.6	72.
41.2	106.0	12449.5	168.0	-53.2	99.9	247.4	39.5	36.4	15.2	366.3	999.9	99.9	999.9	52.9	71.
41.6	107.0	12565.6	165.0	-53.4	99.9	247.7	39.3	36.4	14.9	367.9	999.9	99.9	999.9	53.8	71.
42.0	108.0	12723.5	161.0	-53.5	99.9	248.1	38.1	35.3	14.2	370.3	999.9	99.9	999.9	54.8	71.
42.4	109.0	12885.4	157.0	-53.2	99.9	247.7	36.0	33.3	13.6	373.5	999.9	99.9	999.9	55.8	71.
42.9	110.0	13051.6	153.0	-53.4	99.9	246.6	34.9	32.1	13.9	376.0	999.9	99.9	999.9	56.6	71.
43.4	111.0	13222.1	149.0	-53.5	99.9	245.4	36.7	33.3	15.3	378.6	999.9	99.9	999.9	57.7	71.
43.9	112.0	13352.9	146.0	-53.5	99.9	244.5	39.0	35.2	16.8	380.8	999.9	99.9	999.9	58.8	71.
44.3	113.0	13531.6	142.0	-53.5	99.9	244.3	39.9	36.0	17.3	383.8	999.9	99.9	999.9	59.9	71.
44.8	114.0	13668.9	139.0	-53.9	99.9	244.7	40.8	36.9	17.4	385.6	999.9	99.9	999.9	61.0	71.
45.3	115.0	13809.1	136.0	-53.5	99.9	245.4	42.2	38.4	17.5	388.6	999.9	99.9	999.9	62.2	71.
45.8	116.0	14001.1	132.0	-53.5	99.9	246.2	42.6	38.9	17.2	391.9	999.9	99.9	999.9	63.5	71.
46.3	117.0	14198.9	128.0	-53.9	99.9	247.1	40.3	37.2	15.7	394.8	999.9	99.9	999.9	64.9	70.
46.7	118.0	14351.2	125.0	-54.0	99.9	247.8	37.8	35.0	14.3	397.2	999.9	99.9	999.9	65.8	70.
47.2	119.0	14507.1	122.0	-54.0	99.9	248.2	35.9	33.3	13.3	400.0	999.9	99.9	999.9	66.8	70.
47.7	120.0	14666.9	119.0	-54.0	99.9	247.7	35.2	32.6	13.4	402.8	999.9	99.9	999.9	67.9	70.
48.1	121.0	14830.8	116.0	-54.0	99.9	247.1	33.7	31.1	13.1	405.8	999.9	99.9	999.9	68.7	70.
48.6	122.0	14998.7	113.0	-54.7	99.9	246.8	29.3	27.0	11.6	407.6	999.9	99.9	999.9	69.9	70.
49.1	123.0	15113.1	111.0	-54.4	99.9	247.5	25.2	23.2	9.6	410.3	999.9	99.9	999.9	70.5	70.
49.7	124.0	15289.3	108.0	-52.9	99.9	250.0	24.3	22.8	8.3	416.3	999.9	99.9	999.9	71.3	70.
50.2	125.0	15471.0	105.0	-52.9	99.9	252.2	25.2	24.0	7.7	419.6	999.9	99.9	999.9	72.1	70.
50.8	126.0	15657.8	102.0	-53.5	99.9	253.4	27.0	25.9	7.7	421.9	999.9	99.9	999.9	73.0	70.
51.3	127.0	15849.6	99.0	-53.9	99.9	253.8	30.1	28.9	8.4	424.9	999.9	99.9	999.9	73.8	70.
51.9	128.0	15980.7	97.0	-53.9	99.9	254.8	35.4	34.2	9.3	427.4	999.9	99.9	999.9	75.0	70.
52.4	129.0	16182.3	94.0	-54.4	99.9	254.5	39.0	37.6	10.4	430.3	999.9	99.9	999.9	76.0	70.
52.9	130.0	16390.0	91.0	-54.7	99.9	252.8	40.0	38.2	11.8	433.6	999.9	99.9	999.9	77.4	70.
53.6	131.0	16532.2	89.0	-54.8	99.9	250.8	38.3	36.1	12.6	436.1	999.9	99.9	999.9	79.1	70.
54.1	132.0	16751.2	86.0	-55.3	99.9	250.5	36.4	34.3	12.2	439.4	999.9	99.9	999.9	80.1	70.
54.6	133.0	16901.1	84.0	-56.0	99.9	250.5	33.5	31.6	11.2	441.0	999.9	99.9	999.9	81.4	70.
55.1	134.0	17054.3	82.0	-56.3	99.9	250.5	30.2	28.5	10.1	443.4	999.9	99.9	999.9	82.1	70.
55.7	135.0	17290.9	79.0	-56.5	99.9	250.5	27.6	26.0	9.2	447.8	999.9	99.9	999.9	83.2	70.
56.4	136.0	17536.5	76.0	-56.7	99.9	250.8	25.0	23.6	3.2	452.4	999.9	99.9	999.9	84.4	70.
57.1	137.0	17705.5	74.0	-57.0	99.9	252.6	25.4	24.2	7.6	455.2	999.9	99.9	999.9	85.2	70.
57.8	138.0	17967.5	71.0	-57.0	99.9	253.6	28.2	27.0	8.0	460.6	999.9	99.9	999.9	86.4	71.
58.5	139.0	18241.1	68.0	-56.7	99.9	250.2	32.3	30.4	10.9	467.0	999.9	99.9	999.9	87.7	71.
59.2	140.0	18430.4	66.0	-56.7	99.9	244.9	42.2	38.2	17.9	471.1	999.9	99.9	999.9	89.0	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
2015 GMT

151 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
59.8	141.0	18724.7	63.0	-57.7	99.9	239.4	42.7	36.8	21.7	475.1	999.9	99.9	999.9	91.1	70.
60.5	142.0	18927.7	61.0	-59.1	99.9	230.7	33.9	26.2	21.5	476.4	999.9	99.9	999.9	92.5	70.
61.2	143.0	19136.0	59.0	-60.5	99.9	232.7	31.6	25.0	19.4	477.8	999.9	99.9	999.9	93.6	70.
61.8	144.0	19459.8	56.0	-62.1	99.9	236.9	30.1	25.2	16.5	481.2	999.9	99.9	999.9	94.9	70.
62.6	145.0	19683.8	54.0	-63.7	99.9	242.4	29.5	26.1	13.6	482.7	999.9	99.9	999.9	96.1	69.
63.5	146.0	19915.3	52.0	-63.9	99.9	244.9	36.2	32.8	15.3	487.5	999.9	99.9	999.9	98.0	69.
64.3	147.0	20280.6	49.0	-62.7	99.9	245.1	30.3	27.5	12.8	498.6	999.9	99.9	999.9	99.7	69.
65.2	148.0	20537.2	47.0	-63.1	99.9	249.0	24.3	22.7	8.7	503.7	999.9	99.9	999.9	101.0	69.
66.2	149.0	20804.8	45.0	-63.1	99.9	253.8	30.3	29.1	8.4	510.0	999.9	99.9	999.9	102.4	69.
67.0	150.0	21228.1	42.0	-64.2	99.9	254.8	32.3	31.2	8.5	517.3	999.9	99.9	999.9	104.3	69.
67.9	151.0	21527.9	40.0	-62.5	99.9	255.9	27.5	26.7	6.7	528.9	999.9	99.9	999.9	105.7	69.
68.9	152.0	21845.4	38.0	-61.2	99.9	256.3	32.5	31.6	7.7	540.0	999.9	99.9	999.9	107.3	70.
69.9	153.0	22356.3	35.0	-60.9	99.9	255.2	35.4	34.2	9.0	553.8	999.9	99.9	999.9	109.6	70.
70.8	154.0	22721.3	33.0	-62.0	99.9	255.1	30.5	29.5	7.8	560.3	999.9	99.9	999.9	111.4	70.
71.9	155.0	23108.2	31.0	-61.8	99.9	999.9	99.9	99.9	99.9	570.9	999.9	99.9	999.9	999.9	999.
73.0	156.0	23736.7	28.0	-62.9	99.9	999.9	99.9	99.9	99.9	584.6	999.9	99.9	999.9	999.9	999.



STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
2322 GMT

152 33. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	218.0	978.7	-1.1	-2.7	260.0	4.7	4.6	0.8	274.1	282.4	3.2	89.1	0.0	0.
0.2	7.0	289.3	970.0	-1.2	-2.7	270.2	8.3	8.3	-0.0	274.7	283.0	3.2	89.6	0.2	89.
0.4	8.0	388.5	958.0	-1.9	-3.2	270.2	8.3	8.3	-0.0	275.0	283.2	3.2	90.8	0.2	89.
0.7	9.0	480.3	947.0	-2.8	-4.4	272.7	8.1	8.1	-0.4	274.9	282.5	2.9	88.6	0.3	89.
1.0	10.0	581.3	935.0	-3.6	-5.0	276.5	7.9	7.8	-0.9	275.1	282.5	2.8	90.1	0.5	90.
1.5	11.0	700.3	921.0	-4.8	-6.2	283.4	9.4	9.2	-2.2	275.0	281.8	2.6	85.8	0.7	94.
1.8	12.0	803.4	909.0	-5.4	-6.8	283.5	11.1	10.8	-2.6	275.4	282.1	2.5	90.3	0.9	96.
2.1	13.0	899.0	898.0	-5.9	-7.0	281.7	12.2	11.9	-2.5	275.9	282.5	2.5	91.5	1.1	98.
2.3	14.0	995.4	887.0	-6.8	-7.8	278.1	12.2	12.1	-1.7	276.0	282.3	2.4	92.6	1.3	98.
2.6	15.0	1101.7	875.0	-7.5	-8.4	271.9	12.3	12.3	-0.4	276.3	282.4	2.3	93.3	1.5	98.
3.0	16.0	1218.2	862.0	-8.1	-8.5	262.0	12.6	12.4	1.7	276.8	283.0	2.3	97.1	1.8	96.
3.3	17.0	1317.9	851.0	-8.7	-9.0	259.9	12.7	12.5	2.2	277.2	283.2	2.3	97.4	2.0	94.
3.6	18.0	1418.7	840.0	-9.3	-9.6	258.4	12.6	12.3	2.5	277.6	283.5	2.2	97.8	2.2	93.
3.9	19.0	1520.7	829.0	-9.6	-9.9	258.0	12.2	11.9	2.5	278.4	284.2	2.2	97.7	2.5	91.
4.3	20.0	1614.4	819.0	-10.4	-10.7	261.2	11.9	11.8	1.8	278.4	283.9	2.1	97.6	2.7	90.
4.6	21.0	1737.5	806.0	-11.2	-11.5	264.2	12.1	12.0	1.2	278.9	284.2	2.0	97.5	2.9	89.
4.9	22.0	1843.1	795.0	-10.9	-11.2	265.9	12.8	12.7	0.9	280.3	285.9	2.0	97.5	3.2	89.
5.3	23.0	1940.5	785.0	-11.0	-11.3	266.5	12.7	12.7	0.8	281.2	286.8	2.0	97.5	3.5	89.
5.5	24.0	2048.9	774.0	-11.4	-11.8	266.6	12.5	12.5	0.8	281.8	287.3	2.0	97.5	3.6	89.
5.8	25.0	2148.6	764.0	-11.9	-12.2	265.5	12.9	12.9	1.0	282.4	287.8	2.0	97.4	3.8	89.
6.2	26.0	2269.8	752.0	-12.3	-12.8	267.8	13.4	13.4	0.5	283.2	288.5	1.9	96.2	4.2	88.
6.4	27.0	2372.2	742.0	-12.4	-12.9	270.8	13.6	13.6	-0.2	284.2	289.4	1.9	96.2	4.3	88.
6.7	28.0	2475.9	732.0	-12.6	-13.1	273.4	13.8	13.7	-0.8	285.1	290.4	1.9	95.8	4.6	89.
7.1	29.0	2580.9	722.0	-13.1	-14.3	274.9	13.8	13.8	-1.2	285.6	290.5	1.7	90.6	4.9	89.
7.4	30.0	2687.0	712.0	-14.0	-15.1	274.5	13.8	13.7	-1.1	285.8	290.5	1.7	91.5	5.2	90.
7.7	31.0	2794.3	702.0	-15.0	-16.0	273.2	13.5	13.5	-0.7	285.9	290.3	1.6	91.8	5.4	90.
8.0	32.0	2902.8	692.0	-15.5	-16.2	271.4	13.1	13.1	-0.3	286.4	290.9	1.6	94.7	5.7	90.
8.3	33.0	3001.8	683.0	-15.0	-17.7	269.4	12.5	12.5	0.1	288.1	292.1	1.4	79.4	5.9	90.
8.6	34.0	3113.3	673.0	-15.6	-19.5	267.2	12.1	12.0	0.6	288.5	292.0	1.2	72.4	6.1	90.
8.9	35.0	3226.1	663.0	-16.5	-20.1	264.8	11.8	11.8	1.1	288.8	292.2	1.2	73.2	6.3	90.
9.4	36.0	3351.7	652.0	-17.3	-20.7	261.0	12.6	12.5	2.0	289.3	292.6	1.1	74.7	6.6	90.
9.6	37.0	3455.8	643.0	-18.2	-21.3	259.9	13.3	13.1	2.3	289.3	292.5	1.1	77.0	6.8	89.
9.9	38.0	3561.0	634.0	-18.7	-21.5	258.6	14.5	14.2	2.9	290.0	293.2	1.1	77.8	7.0	89.
10.2	39.0	3679.5	624.0	-19.1	-21.4	257.8	15.5	15.1	3.3	290.9	294.2	1.1	81.8	7.3	88.
10.5	40.0	3787.7	615.0	-19.3	-24.0	257.2	16.3	15.9	3.6	291.8	294.4	0.9	66.3	7.6	88.
10.9	41.0	3909.4	605.0	-20.1	-26.9	256.3	16.5	16.0	3.9	292.2	294.3	0.7	54.5	8.0	88.
11.2	42.0	4020.4	596.0	-20.8	-27.9	255.8	16.7	16.2	4.1	292.6	294.6	0.6	52.7	8.3	87.
11.6	43.0	4132.7	587.0	-21.6	-30.9	255.6	16.9	16.4	4.2	293.0	294.5	0.5	42.4	8.7	87.
11.9	44.0	4246.5	578.0	-22.0	-31.5	256.2	17.3	16.8	4.1	293.8	295.3	0.5	41.5	9.0	86.
12.2	45.0	4348.9	570.0	-22.7	-32.6	256.9	17.6	17.2	4.0	294.2	295.5	0.4	39.7	9.3	86.
12.5	46.0	4465.5	561.0	-23.5	-34.6	257.7	18.0	17.6	3.8	294.6	295.7	0.4	35.0	9.6	85.
12.8	47.0	4583.6	552.0	-24.1	-35.2	257.6	18.3	17.8	3.9	295.1	296.2	0.3	35.0	9.9	85.
13.1	48.0	4689.9	544.0	-25.3	-36.2	257.1	18.5	18.0	4.1	295.0	296.0	0.3	35.2	10.3	85.
13.4	49.0	4797.3	536.0	-26.0	-36.8	256.1	18.6	18.0	4.5	295.4	296.4	0.3	35.0	10.6	85.
13.7	50.0	4906.0	528.0	-26.8	-37.5	255.4	18.6	18.0	4.7	295.7	296.7	0.3	35.2	10.9	85.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
2322 GMT

152 33. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.2	51.0	5043.7	518.0	-28.1	-38.7	255.1	18.7	18.0	4.8	295.8	296.6	0.3	35.2	11.5	84.
14.4	52.0	5155.2	510.0	-28.9	-39.9	255.4	18.7	18.1	4.7	296.1	296.9	0.2	33.4	11.7	84.
14.7	53.0	5268.1	502.0	-29.9	-41.1	256.2	18.7	18.1	4.5	296.2	296.9	0.2	32.4	12.1	84.
15.1	54.0	5382.4	494.0	-30.7	-41.7	257.0	18.6	18.1	4.2	296.6	297.2	0.2	32.7	12.5	83.
15.4	55.0	5498.1	486.0	-31.9	-43.2	257.0	18.4	17.9	4.1	296.5	297.1	0.2	31.3	12.8	83.
15.8	56.0	5629.9	477.0	-32.8	-44.7	256.0	18.1	17.5	4.4	297.0	297.4	0.1	29.0	13.3	83.
16.2	57.0	5748.8	469.0	-33.6	-45.5	254.8	18.1	17.4	4.7	297.4	297.9	0.1	28.4	13.7	83.
16.6	58.0	5854.0	462.0	-34.8	-46.7	253.6	18.4	17.6	5.2	297.2	297.6	0.1	28.4	14.1	83.
16.8	59.0	5975.8	454.0	-35.6	-47.2	253.2	18.6	17.8	5.4	297.7	298.1	0.1	29.1	14.3	82.
17.2	60.0	6099.3	446.0	-36.5	-47.7	251.8	18.9	17.9	5.9	298.0	298.4	0.1	30.0	14.8	82.
17.5	61.0	6208.6	439.0	-37.7	-48.8	250.5	18.9	17.8	6.3	297.9	298.2	0.1	30.0	15.1	82.
17.8	62.0	6319.2	432.0	-38.7	-49.2	248.3	18.6	17.3	6.9	298.0	298.4	0.1	31.4	15.5	82.
18.3	63.0	6431.2	425.0	-39.8	-49.9	244.5	18.4	16.6	7.9	298.1	298.4	0.1	32.7	16.0	81.
18.6	64.0	6544.5	418.0	-40.6	99.9	242.2	18.6	16.5	8.7	298.5	999.9	99.9	999.9	16.3	81.
19.1	65.0	6659.3	411.0	-41.7	99.9	238.9	19.5	16.7	10.1	298.5	999.9	99.9	999.9	16.8	80.
19.5	66.0	6809.1	402.0	-42.8	99.9	236.4	20.0	16.6	11.0	299.0	999.9	99.9	999.9	17.3	79.
19.9	67.0	6927.3	395.0	-43.9	99.9	234.8	19.8	16.2	11.4	299.0	999.9	99.9	999.9	17.7	79.
20.3	68.0	7029.9	389.0	-44.7	99.9	234.6	20.0	16.3	11.6	299.3	999.9	99.9	999.9	18.1	78.
20.6	69.0	7151.1	382.0	-45.7	99.9	235.2	20.4	16.8	11.6	299.5	999.9	99.9	999.9	18.5	78.
21.1	70.0	7274.0	375.0	-46.9	99.9	237.7	21.5	18.2	11.5	299.6	999.9	99.9	999.9	19.0	77.
21.5	71.0	7416.6	367.0	-48.0	99.9	239.9	22.3	19.3	11.2	299.9	999.9	99.9	999.9	19.6	76.
21.8	72.0	7525.1	361.0	-48.9	99.9	241.3	22.6	19.8	10.9	300.1	999.9	99.9	999.9	20.0	76.
22.3	73.0	7653.5	354.0	-49.8	99.9	243.1	23.0	20.5	10.4	300.6	999.9	99.9	999.9	20.6	76.
22.7	74.0	7765.0	348.0	-51.0	99.9	244.0	23.4	21.1	10.3	300.5	999.9	99.9	999.9	21.2	75.
23.1	75.0	7878.0	342.0	-51.7	99.9	244.2	24.1	21.7	10.5	300.9	999.9	99.9	999.9	21.7	75.
23.4	76.0	7992.4	336.0	-53.1	99.9	243.5	24.8	22.2	11.0	300.6	999.9	99.9	999.9	22.1	75.
23.8	77.0	8127.8	329.0	-54.2	99.9	242.0	25.3	22.3	11.9	300.9	999.9	99.9	999.9	22.8	75.
24.2	78.0	8225.7	324.0	-55.2	99.9	240.6	25.4	22.1	12.5	300.9	999.9	99.9	999.9	23.3	74.
24.6	79.0	8344.8	318.0	-56.2	99.9	239.5	25.1	21.7	12.7	301.1	999.9	99.9	999.9	23.9	74.
25.0	80.0	8465.6	312.0	-57.0	99.9	239.0	24.6	21.1	12.6	301.6	999.9	99.9	999.9	24.6	74.
25.4	81.0	8609.2	305.0	-57.3	99.9	239.3	24.6	21.2	12.6	303.1	999.9	99.9	999.9	25.0	73.
25.8	82.0	8734.9	299.0	-57.0	99.9	239.4	25.3	21.8	12.9	305.3	999.9	99.9	999.9	25.6	73.
26.1	83.0	8863.4	293.0	-56.6	99.9	239.2	25.9	22.3	13.3	307.6	999.9	99.9	999.9	26.1	73.
26.5	84.0	8972.6	288.0	-56.5	99.9	238.2	27.0	22.9	14.2	309.3	999.9	99.9	999.9	26.7	72.
26.8	85.0	9106.1	282.0	-56.8	99.9	237.2	28.3	23.8	15.3	310.7	999.9	99.9	999.9	27.2	72.
27.3	86.0	9265.6	275.0	-56.2	99.9	236.8	31.0	25.9	17.0	313.9	999.9	99.9	999.9	28.0	72.
27.5	87.0	9382.4	270.0	-55.3	99.9	236.9	32.2	27.0	17.6	316.7	999.9	99.9	999.9	28.3	71.
28.0	88.0	9525.9	264.0	-55.2	99.9	238.9	34.6	29.6	17.9	319.0	999.9	99.9	999.9	29.4	71.
28.3	89.0	9647.9	259.0	-55.2	99.9	240.5	35.3	30.7	17.4	320.8	999.9	99.9	999.9	30.0	71.
28.7	90.0	9772.6	254.0	-54.5	99.9	242.0	36.0	31.8	16.9	323.5	999.9	99.9	999.9	30.8	70.
29.0	91.0	9900.1	249.0	-53.8	99.9	242.9	36.5	32.4	16.6	326.5	999.9	99.9	999.9	31.6	70.
29.4	92.0	10030.4	244.0	-53.9	99.9	242.5	37.1	32.9	17.1	328.2	999.9	99.9	999.9	32.3	70.
29.7	93.0	10163.5	239.0	-53.6	99.9	241.8	37.4	32.9	17.6	330.6	999.9	99.9	999.9	33.0	70.
30.0	94.0	10271.9	235.0	-53.9	99.9	240.9	37.5	32.8	18.2	331.7	999.9	99.9	999.9	33.8	70.
30.4	95.0	10410.3	230.0	-53.1	99.9	240.0	37.1	32.1	18.5	335.0	999.9	99.9	999.9	34.6	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
2322 GMT

152 33. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGF KM	AZ DG
30.8	96.0	10580.6	224.0	-53.1	99.9	240.4	37.0	32.1	18.3	337.5	999.9	99.9	999.9	35.5	69.
31.4	97.0	10726.0	219.0	-53.6	99.9	242.8	38.2	33.9	17.5	339.0	999.9	99.9	999.9	36.8	69.
31.8	98.0	10844.5	215.0	-53.8	99.9	244.5	39.8	35.9	17.1	340.5	999.9	99.9	999.9	37.6	69.
32.3	99.0	10996.2	210.0	-52.2	99.9	245.7	40.3	36.8	16.6	345.3	999.9	99.9	999.9	39.0	69.
32.5	100.0	11120.7	206.0	-52.0	99.9	245.9	40.2	36.7	16.4	347.4	999.9	99.9	999.9	39.6	69.
33.1	101.0	11312.2	200.0	-52.0	99.9	244.6	37.2	33.6	16.0	350.4	999.9	99.9	999.9	40.9	69.
33.5	102.0	11442.7	196.0	-53.1	99.9	243.6	36.6	32.8	16.3	350.7	999.9	99.9	999.9	41.6	68.
33.9	103.0	11575.5	192.0	-53.4	99.9	243.7	38.0	34.1	16.8	352.2	999.9	99.9	999.9	42.5	68.
34.4	104.0	11745.4	187.0	-53.3	99.9	245.0	39.6	35.9	15.8	355.2	999.9	99.9	999.9	43.8	68.
34.8	105.0	11849.4	184.0	-53.6	99.9	246.3	40.0	36.6	15.1	356.3	999.9	99.9	999.9	44.7	68.
35.2	106.0	11990.8	180.0	-53.6	99.9	247.2	39.9	36.8	15.4	358.5	999.9	99.9	999.9	45.7	68.
35.5	107.0	12171.9	175.0	-53.6	99.9	247.6	39.7	36.7	15.1	361.4	999.9	99.9	999.9	46.5	68.
36.2	108.0	12283.1	172.0	-53.8	99.9	245.4	39.5	35.9	16.4	363.0	999.9	99.9	999.9	48.0	68.
36.5	109.0	12434.5	168.0	-53.1	99.9	244.1	38.8	34.9	17.0	366.5	999.9	99.9	999.9	48.9	68.
36.9	110.0	12589.8	164.0	-53.3	99.9	243.6	36.0	32.2	16.0	368.7	999.9	99.9	999.9	49.8	68.
37.3	111.0	12788.9	159.0	-53.9	99.9	244.2	33.7	30.4	14.7	371.0	999.9	99.9	999.9	50.5	68.
37.7	112.0	12911.3	156.0	-53.8	99.9	245.2	33.5	30.4	14.1	373.3	999.9	99.9	999.9	51.2	68.
38.3	113.0	13078.0	152.0	-54.4	99.9	246.2	37.8	34.6	15.2	375.0	999.9	99.9	999.9	52.4	68.
38.7	114.0	13205.5	149.0	-55.2	99.9	246.7	40.3	37.0	15.9	375.7	999.9	99.9	999.9	53.4	68.
39.2	115.0	13379.1	145.0	-55.5	99.9	247.4	38.6	35.6	14.8	378.1	999.9	99.9	999.9	54.9	68.
39.8	116.0	13557.3	141.0	-55.8	99.9	248.6	30.7	28.6	11.2	380.6	999.9	99.9	999.9	56.1	68.
40.3	117.0	13694.2	138.0	-55.8	99.9	251.3	26.8	25.3	8.6	382.9	999.9	99.9	999.9	56.8	68.
40.7	118.0	13881.6	134.0	-55.5	99.9	254.0	27.2	26.1	7.5	386.7	999.9	99.9	999.9	57.4	68.
41.2	119.0	14025.8	131.0	-55.7	99.9	256.3	30.3	29.4	7.1	389.0	999.9	99.9	999.9	58.2	68.
41.8	120.0	14173.8	128.0	-54.5	99.9	257.3	34.2	33.3	7.5	393.6	999.9	99.9	999.9	59.4	68.
42.4	121.0	14325.8	125.0	-54.1	99.9	257.5	37.0	36.1	8.0	397.1	999.9	99.9	999.9	60.6	68.
42.8	122.0	14481.7	122.0	-54.2	99.9	257.0	36.8	35.9	8.3	399.6	999.9	99.9	999.9	61.6	69.
43.3	123.0	14641.3	119.0	-54.4	99.9	255.8	33.9	32.8	8.3	402.1	999.9	99.9	999.9	62.8	69.
43.8	124.0	14804.7	116.0	-54.9	99.9	253.7	30.3	29.1	8.5	404.2	999.9	99.9	999.9	63.7	69.
44.3	125.0	14972.0	113.0	-55.5	99.9	251.1	29.0	27.4	9.4	406.1	999.9	99.9	999.9	64.4	69.
45.0	126.0	15201.7	109.0	-55.5	99.9	249.0	29.2	27.2	10.4	410.3	999.9	99.9	999.9	65.9	69.
45.5	127.0	15319.8	107.0	-55.5	99.9	248.8	28.6	26.7	10.4	412.4	999.9	99.9	999.9	66.4	69.
46.1	128.0	15501.2	104.0	-55.2	99.9	248.8	27.3	25.4	9.9	416.4	999.9	99.9	999.9	67.7	69.
46.7	129.0	15688.3	101.0	-54.7	99.9	248.9	28.2	26.3	10.2	420.8	999.9	99.9	999.9	68.5	69.
47.2	130.0	15816.2	99.0	-54.9	99.9	249.4	31.2	29.2	11.0	423.0	999.9	99.9	999.9	69.3	69.
47.9	131.0	16012.6	96.0	-55.7	99.9	251.1	32.2	30.5	10.4	425.1	999.9	99.9	999.9	70.9	69.
48.5	132.0	16215.0	93.0	-55.5	99.9	252.6	30.0	28.7	9.0	429.3	999.9	99.9	999.9	71.9	69.
49.1	133.0	16424.2	90.0	-55.2	99.9	253.0	30.1	28.8	8.8	434.0	999.9	99.9	999.9	72.9	69.
49.6	134.0	16567.5	88.0	-55.5	99.9	253.0	30.7	29.3	9.0	436.2	999.9	99.9	999.9	74.0	69.
50.3	135.0	16713.8	86.0	-56.5	99.9	253.1	31.2	29.8	9.1	437.1	999.9	99.9	999.9	75.2	69.
50.8	136.0	16939.2	83.0	-56.3	99.9	253.2	29.6	28.3	8.5	441.9	999.9	99.9	999.9	76.2	69.
51.5	137.0	17172.9	80.0	-56.5	99.9	252.6	25.9	24.7	7.8	446.2	999.9	99.9	999.9	77.3	69.
52.3	138.0	17415.8	77.0	-56.0	99.9	248.8	32.4	30.2	11.7	452.1	999.9	99.9	999.9	78.4	69.
53.0	139.0	17582.6	75.0	-57.3	99.9	245.5	37.3	33.9	15.4	452.8	999.9	99.9	999.9	80.4	69.
53.7	140.0	17840.2	72.0	-58.2	99.9	242.3	35.7	31.6	16.6	456.3	999.9	99.9	999.9	81.6	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

6 FEBRUARY 1975  
2322 GMT

152 33. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
54.5	141.0	18108.0	69.0	-58.5	99.9	240.9	36.0	31.5	17.5	461.2	999.9	99.9	999.9	83.5	69.
55.1	142.0	18387.0	66.0	-59.3	99.9	237.8	32.1	27.2	17.1	465.2	999.9	99.9	999.9	84.7	69.
55.7	143.0	18579.7	64.0	-59.3	99.9	234.5	31.4	25.6	18.3	469.3	999.9	99.9	999.9	85.6	69.
56.5	144.0	18778.3	62.0	-59.9	99.9	236.2	35.2	29.3	19.6	472.4	999.9	99.9	999.9	87.2	68.
57.1	145.0	19087.8	59.0	-60.4	99.9	237.4	31.3	26.3	16.9	478.0	999.9	99.9	999.9	88.6	68.
57.8	146.0	19302.1	57.0	-61.5	99.9	237.4	25.0	21.1	13.5	480.3	999.9	99.9	999.9	89.6	68.
58.6	147.0	19523.1	55.0	-62.4	99.9	243.4	24.8	22.2	11.1	483.2	999.9	99.9	999.9	90.6	68.
59.3	148.0	19751.2	53.0	-63.5	99.9	251.3	26.3	24.9	8.4	485.7	999.9	99.9	999.9	91.7	68.
60.0	149.0	20107.7	50.0	-65.0	99.9	260.6	20.2	20.0	3.3	490.3	999.9	99.9	999.9	93.3	68.
60.9	150.0	20356.4	48.0	-65.4	99.9	266.7	17.1	17.1	1.0	495.1	999.9	99.9	999.9	93.6	68.
61.9	151.0	20615.7	46.0	-64.8	99.9	263.5	21.2	21.0	2.4	502.6	999.9	99.9	999.9	94.8	68.
62.9	152.0	20887.8	44.0	-63.5	99.9	259.3	30.2	29.7	5.6	512.3	999.9	99.9	999.9	96.0	69.
63.9	153.0	21173.3	42.0	-63.9	99.9	256.9	40.5	39.4	9.2	518.2	999.9	99.9	999.9	98.1	69.
64.9	154.0	21628.2	39.0	-63.3	99.9	257.9	38.8	38.0	8.2	530.7	999.9	99.9	999.9	100.9	69.
65.8	155.0	21951.3	37.0	-63.9	99.9	262.1	33.4	33.1	4.6	537.3	999.9	99.9	999.9	102.9	69.
67.2	156.0	22293.0	35.0	-62.6	99.9	999.9	99.9	99.9	99.9	549.4	999.9	99.9	999.9	999.9	999.
68.8	157.0	22656.5	33.0	-62.0	99.9	999.9	99.9	99.9	99.9	560.1	999.9	99.9	999.9	999.9	999.

STATION NO. 528  
BUFFALO, N Y

7 FEBRUARY 1975  
521 GMT

155 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	6.4	218.0	980.4	-1.7	-3.4	260.0	4.6	4.5	0.8	273.4	281.1	3.0	88.0	0.0	0.
0.2	7.0	278.2	973.0	-2.6	-3.8	247.0	8.8	8.1	3.4	273.0	280.6	3.0	91.9	0.2	72.
0.6	8.0	384.9	960.0	-3.3	-3.4	247.1	9.0	8.3	3.5	273.4	281.4	3.1	99.1	0.3	71.
0.9	9.0	476.0	949.0	-4.1	-4.1	247.1	9.5	8.8	3.7	273.5	281.2	3.0	100.7	0.5	70.
1.2	10.0	576.4	937.0	-4.8	-4.3	248.8	10.3	9.6	3.7	273.7	281.1	2.9	100.4	0.6	69.
1.7	11.0	694.7	923.0	-5.7	-5.3	254.9	11.0	10.7	2.9	273.9	280.9	2.7	99.7	1.0	69.
2.0	12.0	797.3	911.0	-6.0	-6.6	260.9	11.1	10.9	1.7	274.6	281.3	2.6	96.0	1.2	70.
2.4	13.0	901.1	899.0	-6.6	-7.5	269.8	10.5	10.5	0.0	275.0	281.4	2.4	93.6	1.4	73.
2.7	14.0	1006.0	887.0	-7.4	-8.1	274.7	10.3	10.3	-0.8	275.3	281.5	2.3	94.5	1.6	76.
3.1	15.0	1103.1	876.0	-8.1	-8.7	279.2	10.4	10.2	-1.7	275.5	281.5	2.3	95.4	1.8	79.
3.5	16.0	1219.2	863.0	-8.9	-9.3	281.9	10.8	10.6	-2.2	275.9	281.7	2.2	97.0	2.1	81.
3.9	17.0	1327.6	851.0	-9.5	-9.3	282.5	11.3	11.0	-2.4	276.4	282.1	2.1	97.3	2.3	84.
4.2	18.0	1428.0	840.0	-10.3	-10.5	281.6	11.5	11.3	-2.3	276.5	281.9	2.0	98.3	2.5	85.
4.6	19.0	1529.5	829.0	-10.9	-11.1	279.6	11.8	11.6	-2.0	276.9	282.2	2.0	98.2	2.8	87.
4.9	20.0	1632.1	818.0	-11.6	-11.8	278.2	11.7	11.6	-1.7	277.2	282.3	1.9	98.4	3.0	88.
5.4	21.0	1754.7	805.0	-12.5	-12.6	275.5	11.5	11.5	-1.1	277.6	282.4	1.8	98.8	3.3	89.
5.7	22.0	1850.2	795.0	-13.2	-13.4	273.4	12.2	12.2	-0.7	277.8	282.4	1.7	98.7	3.5	89.
6.1	23.0	1956.3	784.0	-13.5	-13.3	270.9	13.7	13.7	-0.2	278.6	283.2	1.7	98.6	3.8	89.
6.4	24.0	2063.7	773.0	-14.4	-15.0	269.6	14.8	14.8	0.1	278.6	282.9	1.5	95.8	4.1	89.
6.7	25.0	2162.3	763.0	-15.1	-15.7	267.3	15.1	15.1	0.7	278.9	283.0	1.5	95.9	4.4	89.
7.2	26.0	2292.2	750.0	-15.7	-16.2	262.7	14.8	14.7	1.9	279.7	283.7	1.4	96.0	4.8	89.
7.6	27.0	2393.4	740.0	-16.1	-16.5	259.6	14.6	14.3	2.6	280.3	284.3	1.4	97.0	5.2	88.
7.9	28.0	2495.8	730.0	-16.8	-17.2	257.9	14.2	13.9	3.0	280.6	284.4	1.4	96.9	5.5	88.
8.3	29.0	2599.4	720.0	-17.1	-17.3	256.8	14.0	13.7	3.2	281.5	285.3	1.4	97.8	5.8	87.
8.7	30.0	2693.8	711.0	-16.8	-17.1	256.5	14.3	13.9	3.3	282.8	286.7	1.4	97.9	6.1	86.
9.1	31.0	2811.1	700.0	-16.7	-16.9	256.5	14.9	14.5	3.5	284.2	288.3	1.4	97.9	6.4	86.
9.4	32.0	2908.3	691.0	-17.1	-17.4	254.4	15.4	15.0	3.6	284.8	288.8	1.4	97.1	6.7	86.
9.7	33.0	3017.7	681.0	-17.3	-18.2	256.6	15.8	15.4	3.7	285.7	289.5	1.3	93.2	7.0	85.
10.2	34.0	3128.4	671.0	-18.0	-19.1	257.2	16.5	16.1	3.7	286.1	289.7	1.2	90.9	7.4	85.
10.5	35.0	3229.3	662.0	-18.7	-19.8	257.6	16.9	16.5	3.6	286.4	289.9	1.2	90.8	7.7	84.
10.9	36.0	3365.5	650.0	-19.6	-20.8	257.0	17.0	16.6	3.8	286.9	290.1	1.1	90.5	8.2	84.
11.3	37.0	3468.9	641.0	-20.3	-21.3	255.5	16.8	16.3	4.2	287.2	290.4	1.1	91.5	8.6	84.
11.6	38.0	3573.6	632.0	-21.1	-22.1	254.0	16.5	15.9	4.5	287.5	290.5	1.0	91.8	8.9	83.
12.0	39.0	3691.4	622.0	-21.1	-21.7	251.8	16.3	15.5	5.1	288.8	291.9	1.1	93.4	9.3	83.
12.4	40.0	3799.0	613.0	-21.5	-22.4	250.4	16.6	15.6	5.6	289.5	292.6	1.0	92.4	9.6	83.
12.8	41.0	3932.4	602.0	-22.1	-23.1	249.9	17.2	16.2	5.9	290.4	293.3	1.0	90.8	10.0	82.
13.2	42.0	4043.0	593.0	-22.9	-24.2	249.9	17.8	16.8	6.1	290.7	293.4	0.9	88.9	10.4	81.
13.6	43.0	4155.0	584.0	-23.8	-25.5	250.1	18.3	17.2	6.2	290.9	293.4	0.8	85.4	10.9	81.
13.9	44.0	4268.4	575.0	-24.3	-26.0	250.3	18.4	17.3	6.2	291.6	294.0	0.8	85.4	11.2	81.
14.3	45.0	4370.4	567.0	-25.2	-27.0	250.7	18.5	17.4	6.1	291.7	293.9	0.7	85.1	11.6	80.
14.7	46.0	4486.5	558.0	-25.7	-27.3	251.0	18.7	17.6	6.1	292.4	294.5	0.7	85.0	12.1	80.
15.1	47.0	4604.2	549.0	-26.7	-28.3	251.1	18.8	17.8	6.1	292.6	294.6	0.7	83.4	12.5	80.
15.4	48.0	4710.0	541.0	-27.3	-29.0	250.8	18.8	17.8	6.2	293.1	295.0	0.6	85.3	12.9	79.
15.8	49.0	4817.2	533.0	-28.1	-30.0	249.4	18.6	17.4	6.6	293.4	295.2	0.6	83.4	13.3	79.
16.2	50.0	4939.2	524.0	-29.0	-31.5	247.3	18.6	17.2	7.2	293.7	295.3	0.5	79.0	13.7	79.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

7 FEBRUARY 1975  
521 GMT

155 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.7	51.0	5076.9	514.0	-29.7	-33.0	244.5	19.0	17.1	8.2	294.5	296.0	0.5	72.3	14.3	78.
17.1	52.0	5188.6	506.0	-30.6	-33.8	242.8	19.4	17.2	8.8	294.8	296.1	0.4	73.4	14.7	78.
17.5	53.0	5301.6	498.0	-31.6	-34.7	241.8	19.6	17.3	9.3	294.8	296.1	0.4	74.0	15.2	77.
17.9	54.0	5415.9	490.0	-32.5	-36.0	241.1	20.0	17.5	9.7	295.1	296.2	0.4	71.1	15.6	77.
18.3	55.0	5531.8	482.0	-33.3	-36.8	240.2	20.6	17.9	10.2	295.5	296.6	0.3	70.8	16.1	76.
18.8	56.0	5663.9	473.0	-34.5	-38.0	239.1	21.1	18.1	10.8	295.6	296.6	0.3	70.4	16.7	76.
19.2	57.0	5783.0	465.0	-35.3	-39.1	238.2	20.8	17.7	11.0	296.1	297.0	0.3	67.5	17.2	75.
19.6	58.0	5903.6	457.0	-36.3	-40.3	237.4	20.1	17.0	10.8	296.2	297.0	0.2	66.1	17.7	75.
19.9	59.0	6010.6	450.0	-37.1	-41.3	237.1	19.7	16.6	10.7	296.6	297.3	0.2	64.9	18.0	74.
20.4	60.0	6134.3	442.0	-38.2	-42.4	237.1	20.1	16.9	10.9	296.7	297.4	0.2	64.0	18.5	74.
20.7	61.0	6243.9	435.0	-39.5	-43.3	237.3	20.7	17.4	11.2	296.4	297.0	0.2	62.9	18.9	74.
21.1	62.0	6354.6	428.0	-40.7	-44.9	237.5	21.5	18.1	11.6	296.3	999.9	99.9	999.9	19.4	73.
21.5	63.0	6466.7	421.0	-41.5	-46.7	237.4	21.7	18.3	11.7	296.7	999.9	99.9	999.9	19.9	73.
21.9	64.0	6596.6	413.0	-42.5	-48.7	236.7	21.2	17.7	11.7	297.1	999.9	99.9	999.9	20.5	72.
22.2	65.0	6711.8	406.0	-43.5	-50.9	236.2	21.1	17.5	11.7	297.1	999.9	99.9	999.9	20.8	72.
22.7	66.0	6845.3	398.0	-44.9	-53.2	235.6	21.1	17.4	11.9	297.0	999.9	99.9	999.9	21.4	72.
23.2	67.0	6963.7	391.0	-45.8	-55.3	235.2	21.3	17.5	12.2	297.5	999.9	99.9	999.9	22.0	71.
23.5	68.0	7083.8	384.0	-46.7	-56.8	235.0	21.4	17.5	12.3	297.7	999.9	99.9	999.9	22.4	71.
23.9	69.0	7205.5	377.0	-47.9	-58.3	235.1	21.5	17.7	12.3	297.8	999.9	99.9	999.9	22.8	70.
24.3	70.0	7311.1	371.0	-48.7	-59.9	235.7	21.6	17.8	12.2	298.0	999.9	99.9	999.9	23.4	70.
24.8	71.0	7454.0	363.0	-50.2	-61.1	237.1	20.9	17.6	11.4	297.9	999.9	99.9	999.9	24.0	70.
25.2	72.0	7580.9	356.0	-51.1	-62.3	238.1	20.1	17.1	10.6	298.4	999.9	99.9	999.9	24.5	70.
25.6	73.0	7709.7	349.0	-52.3	-63.9	238.7	19.4	16.6	10.1	298.5	999.9	99.9	999.9	24.9	69.
26.1	74.0	7821.7	343.0	-53.2	-65.3	238.5	18.9	16.1	9.9	298.8	999.9	99.9	999.9	25.5	69.
26.5	75.0	7935.2	337.0	-54.1	-66.8	238.0	18.4	15.6	9.7	299.0	999.9	99.9	999.9	26.0	69.
26.9	76.0	8050.1	331.0	-55.3	-68.3	237.7	17.9	15.1	9.5	298.9	999.9	99.9	999.9	26.4	69.
27.3	77.0	8166.6	325.0	-56.1	-69.9	237.0	17.6	14.8	9.6	299.3	999.9	99.9	999.9	26.8	69.
27.7	78.0	8284.9	319.0	-56.9	-71.1	236.1	17.7	14.7	9.9	299.8	999.9	99.9	999.9	27.2	68.
28.0	79.0	8405.1	313.0	-57.1	-72.3	235.4	17.9	14.7	10.1	301.2	999.9	99.9	999.9	27.6	68.
28.5	80.0	8527.7	307.0	-56.8	-73.5	237.0	19.5	16.3	10.6	303.4	999.9	99.9	999.9	28.0	68.
28.9	81.0	8674.1	300.0	-56.3	-74.7	239.9	22.5	19.4	11.3	306.0	999.9	99.9	999.9	28.4	68.
29.4	82.0	8802.6	294.0	-55.5	-75.9	242.7	26.3	23.4	12.1	308.9	999.9	99.9	999.9	29.2	68.
29.8	83.0	8934.1	288.0	-55.5	-77.1	244.2	28.3	25.4	12.3	310.8	999.9	99.9	999.9	29.9	68.
30.2	84.0	9045.8	283.0	-55.5	-78.3	245.1	29.2	26.4	12.3	312.3	999.9	99.9	999.9	30.6	67.
30.7	85.0	9183.0	277.0	-53.5	-79.9	245.8	29.2	26.4	11.9	317.2	999.9	99.9	999.9	31.5	67.
31.3	86.0	9323.9	271.0	-53.5	-81.1	246.4	28.9	26.4	11.5	319.1	999.9	99.9	999.9	32.6	67.
31.7	87.0	9468.0	265.0	-53.5	-82.3	246.3	29.3	26.4	11.8	321.2	999.9	99.9	999.9	33.3	67.
32.2	88.0	9590.8	260.0	-52.7	-83.5	244.9	31.0	28.4	13.1	324.1	999.9	99.9	999.9	34.1	67.
32.7	89.0	9716.3	255.0	-52.4	-84.7	242.6	32.2	28.4	14.8	326.3	999.9	99.9	999.9	35.1	67.
33.1	90.0	9844.3	250.0	-52.4	-85.9	240.8	32.1	28.4	15.7	328.2	999.9	99.9	999.9	36.0	67.
33.7	91.0	9974.9	245.0	-52.4	-87.1	238.8	31.6	27.4	16.4	330.1	999.9	99.9	999.9	36.9	67.
34.2	92.0	10108.3	240.0	-52.4	-88.3	237.6	32.2	27.4	17.3	332.0	999.9	99.9	999.9	38.0	67.
34.7	93.0	10244.4	235.0	-52.4	-89.5	236.5	33.3	27.4	18.4	334.0	999.9	99.9	999.9	38.9	66.
35.2	94.0	10383.7	230.0	-51.7	-90.7	236.3	34.6	28.4	19.2	337.2	999.9	99.9	999.9	39.8	66.
35.7	95.0	10526.2	225.0	-51.8	-91.9	237.2	35.1	29.4	19.0	339.1	999.9	99.9	999.9	41.0	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

7 FEBRUARY 1975  
521 GMT

155 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COM1 M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.3	96.0	10701.6	219.0	-51.4	99.9	239.2	34.2	29.4	17.5	342.5	999.9	99.9	999.9	42.2	66.
36.8	97.0	10821.4	215.0	-51.4	99.9	241.6	33.7	29.7	16.0	344.3	999.9	99.9	999.9	43.2	66.
37.4	98.0	10974.2	210.0	-51.7	99.9	244.2	34.3	30.1	14.9	346.1	999.9	99.9	999.9	44.3	65.
37.9	99.0	11099.0	206.0	-51.4	99.9	245.2	33.9	30.9	14.2	348.5	999.9	99.9	999.9	45.5	65.
38.3	100.0	11226.3	202.0	-51.7	99.9	245.4	32.1	29.2	13.3	350.0	999.9	99.9	999.9	46.3	65.
39.0	101.0	11421.9	196.0	-51.8	99.9	245.7	28.8	26.2	11.8	352.8	999.9	99.9	999.9	47.6	65.
39.6	102.0	11555.5	192.0	-52.0	99.9	246.5	30.6	28.1	12.2	354.6	999.9	99.9	999.9	48.4	65.
40.1	103.0	11692.0	188.0	-51.8	99.9	247.2	32.6	30.1	12.7	357.0	999.9	99.9	999.9	49.6	66.
40.7	104.0	11831.4	184.0	-52.0	99.9	247.3	32.8	30.2	12.7	359.0	999.9	99.9	999.9	50.7	66.
41.2	105.0	11973.9	180.0	-51.7	99.9	247.3	32.9	30.4	12.7	361.7	999.9	99.9	999.9	51.7	66.
41.8	106.0	12119.9	176.0	-50.9	99.9	247.3	34.3	31.7	13.2	365.3	999.9	99.9	999.9	52.9	66.
42.3	107.0	12269.5	172.0	-51.1	99.9	247.0	35.7	32.9	14.0	367.4	999.9	99.9	999.9	53.9	66.
42.8	108.0	12422.4	168.0	-51.5	99.9	247.3	36.2	33.4	14.0	369.2	999.9	99.9	999.9	55.0	66.
43.3	109.0	12578.8	164.0	-51.8	99.9	249.2	34.0	31.8	12.1	371.2	999.9	99.9	999.9	56.2	66.
43.9	110.0	12738.7	160.0	-52.3	99.9	252.3	28.3	27.0	3.6	373.1	999.9	99.9	999.9	57.4	66.
44.7	111.0	12902.5	156.0	-52.3	99.9	253.3	26.7	25.6	7.7	375.8	999.9	99.9	999.9	58.4	66.
45.2	112.0	13070.6	152.0	-52.3	99.9	253.3	30.0	28.7	8.6	378.6	999.9	99.9	999.9	59.2	66.
45.8	113.0	13243.1	148.0	-52.6	99.9	253.8	31.0	29.8	8.7	381.0	999.9	99.9	999.9	60.6	66.
46.4	114.0	13375.3	145.0	-52.7	99.9	254.8	29.0	27.9	7.6	383.0	999.9	99.9	999.9	61.4	66.
46.9	115.0	13510.3	142.0	-52.9	99.9	256.7	26.9	26.2	6.2	385.0	999.9	99.9	999.9	62.5	66.
47.5	116.0	13694.6	138.0	-53.0	99.9	259.6	26.3	25.7	5.2	387.9	999.9	99.9	999.9	63.4	67.
48.1	117.0	13884.0	134.0	-53.6	99.9	257.5	30.5	29.8	5.6	390.1	999.9	99.9	999.9	63.9	67.
48.6	118.0	14029.5	131.0	-53.9	99.9	257.3	31.8	31.0	7.0	392.1	999.9	99.9	999.9	65.5	67.
49.1	119.0	14178.1	128.0	-54.4	99.9	257.9	29.8	29.1	6.2	393.9	999.9	99.9	999.9	66.2	67.
49.7	120.0	14329.8	125.0	-55.2	99.9	257.7	29.1	28.4	6.2	395.1	999.9	99.9	999.9	67.1	67.
50.3	121.0	14484.9	122.0	-55.3	99.9	256.7	30.2	29.4	6.9	397.6	999.9	99.9	999.9	68.2	67.
50.9	122.0	14643.8	119.0	-55.0	99.9	255.5	31.1	30.1	7.8	401.0	999.9	99.9	999.9	69.4	68.
51.5	123.0	14806.9	116.0	-55.2	99.9	255.0	32.4	31.3	9.4	403.7	999.9	99.9	999.9	70.3	68.
52.1	124.0	14974.1	113.0	-55.5	99.9	257.0	33.5	32.6	7.5	406.1	999.9	99.9	999.9	71.7	68.
52.6	125.0	15145.5	110.0	-55.8	99.9	259.1	32.9	32.3	6.2	408.7	999.9	99.9	999.9	72.6	68.
53.3	126.0	15221.3	107.0	-56.6	99.9	261.4	30.6	30.3	4.6	410.4	999.9	99.9	999.9	73.9	68.
53.9	127.0	15501.5	104.0	-57.1	99.9	259.5	31.3	30.7	5.7	412.8	999.9	99.9	999.9	74.8	68.
54.5	128.0	15686.4	101.0	-57.9	99.9	255.6	30.1	29.2	7.5	414.7	999.9	99.9	999.9	76.3	69.
55.1	129.0	15876.3	98.0	-58.4	99.9	254.6	23.3	22.5	5.2	417.4	999.9	99.9	999.9	77.2	69.
55.8	130.0	16006.0	96.0	-58.4	99.9	255.6	19.0	18.4	4.7	419.8	999.9	99.9	999.9	77.9	69.
56.7	131.0	16206.1	93.0	-57.6	99.9	253.9	25.1	24.1	6.9	425.3	999.9	99.9	999.9	78.8	69.
57.4	132.0	16413.6	90.0	-56.8	99.9	252.1	29.8	28.4	9.1	430.9	999.9	99.9	999.9	80.3	69.
58.0	133.0	16556.0	88.0	-56.9	99.9	250.2	31.1	29.2	10.5	433.3	999.9	99.9	999.9	81.2	69.
58.6	134.0	16775.6	85.0	-57.1	99.9	249.1	33.1	30.9	11.8	437.3	999.9	99.9	999.9	82.3	69.
59.2	135.0	16926.3	83.0	-56.9	99.9	248.9	31.0	28.9	11.1	440.7	999.9	99.9	999.9	83.8	69.
59.8	136.0	17159.8	80.0	-56.4	99.9	248.9	25.8	24.1	9.3	446.3	999.9	99.9	999.9	84.7	69.
60.5	137.0	17320.3	78.0	-56.9	99.9	249.3	23.1	21.6	8.2	448.6	999.9	99.9	999.9	85.6	69.
61.3	138.0	17568.6	75.0	-57.1	99.9	253.6	23.7	22.7	6.7	453.3	999.9	99.9	999.9	86.8	69.
62.2	139.0	17827.5	72.0	-56.3	99.9	257.6	27.6	26.9	5.9	460.3	999.9	99.9	999.9	88.0	69.
63.0	140.0	18006.2	70.0	-56.8	99.9	255.8	31.0	30.0	7.6	463.0	999.9	99.9	999.9	89.7	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

7 FEBRUARY 1975  
521 GMT

155 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIS DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.8	141.0	18283.5	67.0	-57.4	99.9	257.6	25.3	24.7	5.4	467.4	999.9	99.9	999.9	90.9	69.
64.7	142.0	18474.4	65.0	-58.7	99.9	260.3	24.8	24.4	4.2	468.6	999.9	99.9	999.9	92.1	69.
65.4	143.0	18770.4	62.0	-59.9	99.9	261.6	25.2	24.9	3.7	472.4	999.9	99.9	999.9	93.3	70.
66.3	144.0	18974.8	60.0	-60.7	99.9	255.0	28.5	27.6	7.4	474.9	999.9	99.9	999.9	94.4	70.
67.2	145.0	19185.6	58.0	-61.1	99.9	251.7	41.1	39.0	12.9	478.8	999.9	99.9	999.9	96.3	70.
68.0	146.0	19515.3	55.0	-61.3	99.9	248.6	46.4	43.2	15.9	485.7	999.9	99.9	999.9	98.7	70.
68.8	147.0	19744.9	53.0	-61.8	99.9	247.7	33.8	31.2	12.8	489.7	999.9	99.9	999.9	100.7	70.
69.7	148.0	19982.8	51.0	-62.3	99.9	249.5	29.0	27.2	10.2	493.8	999.9	99.9	999.9	102.0	70.
70.5	149.0	20356.9	48.0	-62.7	99.9	250.1	27.6	25.9	9.4	501.6	999.9	99.9	999.9	103.7	70.
71.6	150.0	20619.6	46.0	-62.1	99.9	256.6	18.8	18.3	4.4	509.1	999.9	99.9	999.9	105.0	70.
72.7	151.0	20894.1	44.0	-62.5	99.9	263.4	11.0	11.0	1.3	514.7	999.9	99.9	999.9	106.0	70.
73.9	152.0	21181.2	42.0	-62.3	99.9	250.5	32.3	30.5	10.8	522.0	999.9	99.9	999.9	106.9	70.
75.1	153.0	21637.3	39.0	-63.8	99.9	249.9	36.7	34.5	12.6	529.6	999.9	99.9	999.9	110.0	70.
76.3	154.0	21959.9	37.0	-64.1	99.9	249.9	30.2	28.4	10.4	536.6	999.9	99.9	999.9	112.6	70.
77.5	155.0	22299.4	35.0	-65.1	99.9	249.9	23.8	22.4	8.2	542.8	999.9	99.9	999.9	114.3	70.
78.7	156.0	22657.7	33.0	-65.5	99.9	249.9	22.6	21.2	7.8	551.0	999.9	99.9	999.9	116.0	70.
80.2	157.0	23037.7	31.0	-65.8	99.9	249.9	20.8	19.5	7.1	559.9	999.9	99.9	999.9	117.9	70.
81.8	158.0	23442.3	29.0	-66.2	99.9	250.1	27.8	26.1	7.5	569.6	999.9	99.9	999.9	120.0	70.
83.4	159.0	24102.6	26.0	-67.2	99.9	999.9	99.9	99.9	99.9	584.9	999.9	99.9	999.9	999.9	999.
85.3	160.0	24587.1	24.0	-65.8	99.9	999.9	99.9	99.9	99.9	602.4	999.9	99.9	999.9	999.9	999.



STATION NO. 528  
BUFFALO, N Y

7 FEBRUARY 1975  
1115 GMT

95 265. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	218.0	982.4	-3.9	-5.6	280.0	5.7	5.6	-1.0	270.9	277.5	2.6	88.0	0.0	0.
0.1	7.0	269.5	976.0	-4.7	-7.3	275.3	9.7	9.7	-0.9	270.6	276.2	2.2	77.8	0.3	102.
0.4	8.0	350.5	966.0	-5.3	-7.3	275.3	9.7	9.7	-0.9	270.8	276.7	2.3	85.6	0.3	102.
0.7	9.0	432.2	956.0	-6.0	-7.3	277.0	9.8	9.7	-1.2	270.9	276.9	2.4	92.5	0.4	100.
0.9	10.0	506.2	947.0	-6.8	-7.6	279.6	9.8	9.7	-1.5	270.8	276.7	2.3	94.0	0.5	99.
1.2	11.0	605.7	935.0	-7.5	-7.7	281.0	10.3	10.1	-2.0	271.1	277.0	2.3	99.0	0.7	99.
1.5	12.0	689.3	925.0	-8.6	-8.7	283.0	10.9	10.6	-2.5	270.8	276.4	2.1	98.8	0.9	100.
1.7	13.0	773.6	915.0	-9.1	-9.3	285.0	11.0	10.7	-2.9	271.1	276.4	2.1	98.7	1.0	101.
2.0	14.0	858.5	905.0	-9.9	-10.0	287.8	11.3	10.7	-3.4	271.2	276.3	2.0	98.6	1.2	101.
2.3	15.0	935.6	896.0	-10.3	-10.5	293.7	11.1	10.1	-3.5	271.5	276.5	1.9	98.6	1.4	103.
2.6	16.0	1039.5	884.0	-10.9	-11.1	299.0	10.7	9.4	-3.0	271.9	276.8	1.9	98.5	1.6	104.
2.9	17.0	1126.9	874.0	-11.4	-11.6	298.8	9.5	8.4	-4.6	272.2	276.9	1.8	98.4	1.8	106.
3.1	18.0	1206.2	865.0	-11.9	-12.1	298.1	9.0	7.9	-4.2	272.6	277.2	1.7	98.4	1.9	107.
3.5	19.0	1286.3	856.0	-12.4	-12.8	293.1	8.3	7.6	-3.2	272.8	277.2	1.7	97.3	2.1	108.
3.8	20.0	1366.9	847.0	-13.1	-13.5	289.1	8.8	8.3	-2.9	272.8	277.1	1.6	96.8	2.2	108.
4.1	21.0	1475.5	835.0	-14.0	-14.5	284.5	9.1	8.9	-2.3	273.1	277.1	1.5	96.0	2.4	108.
4.4	22.0	1557.8	826.0	-14.5	-15.2	277.9	9.3	9.2	-1.3	273.3	277.1	1.4	95.0	2.6	108.
4.6	23.0	1640.8	817.0	-15.0	-15.6	273.3	9.6	9.6	-0.6	273.7	277.5	1.4	95.1	2.7	107.
4.8	24.0	1724.5	808.0	-15.6	-16.1	268.7	10.0	10.0	0.2	273.8	277.5	1.3	96.0	2.8	106.
5.1	25.0	1809.0	799.0	-16.2	-16.7	261.6	11.0	10.9	1.6	274.1	277.6	1.3	95.9	3.0	105.
5.4	26.0	1913.3	788.0	-16.7	-17.3	254.3	12.6	12.1	3.4	274.6	278.0	1.3	95.8	3.1	104.
5.7	27.0	1999.5	779.0	-17.3	-17.8	249.2	13.4	12.6	4.8	274.9	278.2	1.2	95.5	3.4	101.
5.9	28.0	2086.5	770.0	-18.1	-18.7	246.3	13.7	12.6	5.5	275.0	278.1	1.1	95.2	3.5	100.
6.1	29.0	2174.3	761.0	-18.9	-19.5	246.2	14.0	12.8	5.7	275.0	277.9	1.1	94.9	3.6	98.
6.4	30.0	2252.9	753.0	-19.9	-20.5	249.9	14.5	13.6	5.0	274.8	277.5	1.0	94.8	3.8	96.
6.8	31.0	2342.1	744.0	-20.1	-20.8	252.7	15.5	14.8	4.6	275.4	278.2	1.0	94.5	4.2	94.
7.1	32.0	2432.1	735.0	-21.3	-22.1	253.8	16.4	15.8	4.6	275.1	277.5	0.9	93.2	4.4	93.
7.4	33.0	2513.0	727.0	-20.5	-26.3	254.3	17.7	17.0	4.8	276.8	278.5	0.6	59.8	4.7	92.
7.7	34.0	2605.2	718.0	-20.4	-28.0	254.8	19.0	18.4	3.0	277.9	279.4	0.5	50.3	5.0	91.
8.0	35.0	2688.2	710.0	-20.3	-31.3	255.2	20.5	19.8	5.2	278.9	280.1	0.4	36.3	5.3	89.
8.3	36.0	2803.8	699.0	-20.7	-35.3	256.0	21.5	20.9	5.2	279.7	280.5	0.3	24.2	5.7	89.
8.6	37.0	2889.1	691.0	-20.1	-34.3	256.5	22.2	21.6	5.2	281.2	282.2	0.3	26.9	6.2	88.
8.9	38.0	2986.1	682.0	-20.7	-34.9	256.5	22.3	21.7	5.2	281.7	282.6	0.3	26.5	6.6	87.
9.2	39.0	3073.3	674.0	-21.1	-35.5	255.8	22.3	21.6	5.5	282.2	283.0	0.3	25.8	7.0	87.
9.6	40.0	3161.5	666.0	-21.3	-35.9	254.5	22.3	21.5	5.9	282.9	283.7	0.3	25.4	7.5	86.
10.0	41.0	3273.1	656.0	-21.3	-33.9	253.4	22.6	21.7	6.4	284.1	285.1	0.3	31.0	8.0	85.
10.3	42.0	3363.6	648.0	-21.3	-35.9	253.1	22.9	21.9	3.6	285.1	285.9	0.3	25.4	8.4	84.
10.7	43.0	3455.3	640.0	-21.2	-35.9	252.7	23.1	22.0	3.9	286.2	287.1	0.3	25.0	9.0	84.
11.0	44.0	3548.0	632.0	-21.5	-36.3	252.3	23.1	22.0	7.0	287.0	287.8	0.3	24.7	9.4	83.
11.4	45.0	3641.9	624.0	-22.0	-36.0	251.6	23.4	22.2	7.4	287.4	288.3	0.3	26.6	9.9	83.
11.7	46.0	3736.8	616.0	-22.3	-35.9	251.0	23.5	22.2	7.7	288.2	289.1	0.3	27.7	10.3	82.
11.9	47.0	3832.8	608.0	-22.7	-36.6	250.6	23.6	22.3	7.8	288.8	289.6	0.3	26.6	10.6	82.
12.2	48.0	3917.6	601.0	-23.5	-37.3	249.9	23.5	22.1	3.1	288.8	289.6	0.3	26.6	11.0	81.
12.6	49.0	4015.5	593.0	-24.1	-37.0	249.0	23.2	21.7	8.3	289.2	290.0	0.3	29.1	11.6	81.
12.9	50.0	4114.4	585.0	-25.2	-37.0	248.4	22.8	21.2	8.4	289.0	289.8	0.2	29.1	12.0	80.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

7 FEBRUARY 1975  
1115 GMT

95 265. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
13.2	51.0	4226.8	576.0	-26.0	-38.6	248.2	22.2	20.6	8.3	289.4	290.1	0.2	29.1	12.4	80.
13.5	52.0	4328.0	568.0	-26.5	-39.9	248.1	21.7	20.2	8.1	289.9	290.6	0.2	26.8	12.8	80.
13.9	53.0	4417.5	561.0	-26.9	-40.2	248.7	22.0	20.5	8.0	290.5	291.1	0.2	26.8	13.2	79.
14.1	54.0	4507.9	554.0	-27.6	-40.2	248.9	22.4	20.9	8.1	290.8	291.4	0.2	28.5	13.5	79.
14.5	55.0	4612.5	546.0	-28.0	-40.4	249.1	23.8	22.2	8.5	291.5	292.2	0.2	29.2	14.0	79.
14.9	56.0	4731.6	537.0	-28.9	-40.9	248.3	24.5	22.8	9.1	291.8	292.4	0.2	30.2	14.6	78.
15.2	57.0	4825.4	530.0	-29.5	-40.5	247.4	24.5	22.6	9.4	292.1	292.8	0.2	33.1	15.1	78.
15.6	58.0	4920.1	523.0	-30.5	-41.3	246.0	24.0	21.9	9.8	292.1	292.7	0.2	33.3	15.7	78.
15.9	59.0	5015.8	516.0	-31.2	-40.9	245.1	23.5	21.3	9.9	292.3	292.9	0.2	37.8	16.1	77.
16.2	60.0	5112.4	509.0	-31.9	-41.2	244.6	23.1	20.9	9.9	292.6	293.3	0.2	38.9	16.5	77.
16.6	61.0	5210.1	502.0	-32.6	-41.3	244.2	22.7	20.5	9.9	293.0	293.6	0.2	40.9	17.0	76.
16.9	62.0	5309.0	495.0	-33.4	-42.2	243.9	22.4	20.1	9.8	293.2	293.8	0.2	40.1	17.5	76.
17.1	63.0	5408.8	488.0	-34.3	-42.7	243.8	22.1	19.9	9.8	293.2	293.8	0.2	41.8	17.7	76.
17.5	64.0	5509.8	481.0	-34.7	-42.2	243.5	21.6	19.3	9.7	294.0	294.6	0.2	45.7	18.2	76.
17.9	65.0	5597.4	475.0	-35.5	-42.9	243.5	21.2	19.0	9.4	294.0	294.6	0.2	45.9	18.7	75.
18.2	66.0	5730.3	466.0	-36.4	-43.7	243.8	20.7	18.6	9.1	294.5	295.0	0.2	46.1	19.1	75.
18.5	67.0	5820.0	460.0	-37.1	-44.1	244.2	20.2	18.2	8.8	294.8	295.3	0.2	47.5	19.5	75.
18.9	68.0	5925.9	453.0	-37.9	-44.3	245.2	20.1	18.3	8.4	295.0	295.6	0.2	50.4	19.9	75.
19.3	69.0	6017.6	447.0	-38.7	-45.1	246.1	21.0	19.2	8.5	295.2	295.6	0.1	50.0	20.3	74.
19.7	70.0	6125.8	440.0	-39.6	-46.0	246.5	21.8	20.0	8.7	295.3	295.8	0.1	50.2	20.9	74.
20.1	71.0	6251.1	432.0	-40.4	99.9	246.7	22.0	20.2	8.7	295.9	999.9	99.9	999.9	21.5	74.
20.4	72.0	6346.3	426.0	-41.3	99.9	247.0	21.1	19.4	8.2	296.0	999.9	99.9	999.9	21.9	74.
20.8	73.0	6458.6	419.0	-42.1	99.9	247.9	20.0	18.5	7.5	296.4	999.9	99.9	999.9	22.3	74.
21.2	74.0	6556.1	413.0	-42.8	99.9	248.9	19.6	18.3	7.1	296.7	999.9	99.9	999.9	22.7	74.
21.6	75.0	6654.6	407.0	-43.7	99.9	249.3	20.2	18.9	7.1	296.7	999.9	99.9	999.9	23.2	74.
22.0	76.0	6754.3	401.0	-44.6	99.9	248.6	21.3	19.9	7.8	296.8	999.9	99.9	999.9	23.7	73.
22.4	77.0	6871.9	394.0	-45.4	99.9	245.7	22.3	20.3	7.2	297.2	999.9	99.9	999.9	24.2	73.
22.8	78.0	6974.1	388.0	-46.1	99.9	244.1	22.5	20.3	9.8	297.6	999.9	99.9	999.9	24.8	73.
23.1	79.0	7077.6	382.0	-47.0	99.9	244.8	22.2	20.0	9.4	297.8	999.9	99.9	999.9	25.2	73.
23.5	80.0	7182.3	376.0	-47.7	99.9	249.9	20.9	19.7	7.2	298.2	999.9	99.9	999.9	25.8	72.
23.9	81.0	7306.1	369.0	-48.6	99.9	256.2	20.0	19.5	8.8	298.6	999.9	99.9	999.9	26.2	73.
24.2	82.0	7413.7	363.0	-49.5	99.9	257.9	19.7	19.3	6.2	298.9	999.9	99.9	999.9	26.5	73.
24.7	83.0	7522.7	357.0	-50.2	99.9	256.3	19.6	19.1	4.6	299.3	999.9	99.9	999.9	27.1	73.
25.0	84.0	7614.7	352.0	-50.8	99.9	254.1	19.7	18.9	5.4	299.7	999.9	99.9	999.9	27.5	73.
25.4	85.0	7726.4	346.0	-51.7	99.9	252.5	20.5	19.5	6.2	299.9	999.9	99.9	999.9	28.0	73.
25.8	86.0	7858.8	339.0	-52.5	99.9	250.9	22.0	20.8	7.2	300.7	999.9	99.9	999.9	28.4	73.
26.2	87.0	7954.6	334.0	-53.4	99.9	249.5	23.8	22.3	8.3	300.7	999.9	99.9	999.9	29.0	73.
26.6	88.0	8071.2	328.0	-53.8	99.9	248.3	25.1	23.3	7.3	301.8	999.9	99.9	999.9	29.6	73.
27.0	89.0	8169.7	323.0	-54.4	99.9	247.6	25.5	23.6	8.7	302.2	999.9	99.9	999.9	30.2	73.
27.4	90.0	8289.7	317.0	-55.0	99.9	247.2	25.0	23.0	9.7	303.0	999.9	99.9	999.9	30.8	73.
27.7	91.0	8391.1	312.0	-55.7	99.9	246.6	24.4	22.4	9.7	303.5	999.9	99.9	999.9	31.3	73.
28.1	92.0	8494.0	307.0	-56.0	99.9	245.4	23.8	21.6	9.9	304.4	999.9	99.9	999.9	31.9	73.
28.4	93.0	8598.3	302.0	-56.3	99.9	244.5	23.6	21.3	10.2	305.4	999.9	99.9	999.9	32.2	72.
28.9	94.0	8725.7	296.0	-56.6	99.9	243.7	25.2	22.6	11.2	306.7	999.9	99.9	999.9	32.9	72.
29.3	95.0	8833.9	291.0	-55.8	99.9	244.3	24.3	21.8	10.5	309.3	999.9	99.9	999.9	33.6	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 528  
BUFFALO, N Y

7 FEBRUARY 1975  
1115 GMT

95 265. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
29.7	96.0	8966.6	285.0	-55.7	99.9	999.9	99.9	99.9	99.9	311.4	999.9	99.9	999.9	999.9	999.
30.1	97.0	9079.4	280.0	-55.5	99.9	999.9	99.9	99.9	99.9	313.2	999.9	99.9	999.9	999.9	999.
30.5	98.0	9194.3	275.0	-55.3	99.9	999.9	99.9	99.9	99.9	315.1	999.9	99.9	999.9	999.9	999.
30.9	99.0	9311.6	270.0	-54.5	99.9	999.9	99.9	99.9	99.9	317.9	999.9	99.9	999.9	999.9	999.
31.4	100.0	9431.3	265.0	-54.4	99.9	999.9	99.9	99.9	99.9	319.8	999.9	99.9	999.9	999.9	999.

STATION NO. 532  
PEORIA, ILL

5 FEBRUARY 1975  
2315 GMT

148 32. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	200.0	988.5	-2.8	-3.9	295.0	4.1	3.7	-1.7	271.6	279.0	2.9	92.0	0.0	0.
0.1	6.0	236.2	984.0	-2.7	-3.4	91.3	2.8	-2.8	0.1	272.1	279.8	3.0	95.0	0.7	119.
0.4	7.0	341.5	971.0	-3.8	-4.0	91.3	2.8	-2.8	0.1	272.0	279.5	2.9	98.4	0.7	119.
0.8	8.0	439.6	959.0	-4.8	-4.9	11.6	2.5	-0.5	-2.5	271.9	279.0	2.8	99.3	0.6	121.
1.1	9.0	547.1	946.0	-4.7	-4.3	341.9	5.6	1.7	-3.3	273.1	280.4	2.8	99.3	0.7	125.
1.5	10.0	647.9	934.0	-3.8	-3.8	335.7	11.0	4.5	-10.0	275.1	283.1	3.1	100.2	0.9	131.
1.9	11.0	784.3	918.0	-4.5	-4.5	336.4	10.7	4.3	-9.8	275.6	283.4	3.0	100.6	1.1	138.
2.3	12.0	887.9	906.0	-4.8	-4.8	334.8	9.5	4.0	-8.6	276.4	284.0	2.9	100.6	1.4	141.
2.6	13.0	992.9	894.0	-5.0	-5.0	331.9	8.8	4.2	-7.8	277.3	285.0	3.0	100.5	1.5	142.
3.0	14.0	1099.2	882.0	-5.1	-5.1	326.8	9.3	5.1	-7.8	278.2	285.9	3.0	100.5	1.7	144.
3.3	15.0	1206.8	870.0	-5.4	-5.4	321.8	9.6	6.0	-7.6	279.0	286.7	2.9	100.5	1.9	143.
3.8	16.0	1334.1	856.0	-6.0	-6.0	317.4	9.9	6.7	-7.3	279.6	287.1	2.8	100.4	2.2	143.
4.1	17.0	1444.7	844.0	-6.3	-6.3	316.3	10.1	7.0	-7.3	280.4	287.9	2.8	100.3	2.4	142.
4.5	18.0	1566.2	831.0	-6.5	-6.5	315.2	11.0	7.8	-7.8	281.5	289.1	2.8	100.3	2.6	142.
4.8	19.0	1670.5	820.0	-6.5	-6.5	312.8	10.2	7.5	-6.9	282.6	290.3	2.9	100.3	2.8	141.
5.2	20.0	1795.4	807.0	-6.8	-6.8	309.2	9.3	7.2	-5.9	283.6	291.2	2.8	100.3	3.1	140.
5.7	21.0	1922.3	794.0	-6.8	-6.8	304.9	8.5	7.0	-4.9	284.9	292.7	2.9	100.3	3.3	139.
6.0	22.0	2041.3	782.0	-7.1	-7.1	303.0	8.2	6.9	-4.5	285.8	293.6	2.9	100.2	3.5	139.
6.4	23.0	2151.8	771.0	-7.7	-8.3	298.6	7.1	6.2	-3.4	286.3	293.4	2.6	94.0	3.6	138.
6.8	24.0	2263.5	760.0	-8.4	-9.9	300.9	8.0	6.9	-4.1	286.6	293.2	2.4	88.9	3.8	137.
7.2	25.0	2376.5	749.0	-9.3	-10.3	303.1	9.4	7.9	-5.2	286.9	293.2	2.3	90.6	4.0	136.
7.7	26.0	2522.3	735.0	-10.0	-10.7	302.6	10.9	9.2	-5.9	287.6	294.0	2.3	94.5	4.3	135.
8.0	27.0	2638.6	724.0	-10.6	-11.4	301.4	11.7	10.0	-6.1	288.2	294.4	2.2	94.1	4.5	135.
8.4	28.0	2745.6	714.0	-11.0	-14.9	298.0	12.3	10.9	-5.8	288.8	293.6	1.7	73.2	4.8	134.
8.8	29.0	2864.9	703.0	-11.0	-14.8	294.1	12.7	11.6	-5.2	290.1	295.1	1.7	73.8	5.1	133.
9.2	30.0	2974.9	693.0	-11.6	-18.0	290.0	13.0	12.2	-4.4	290.6	294.3	1.3	55.8	5.4	132.
9.6	31.0	3097.4	682.0	-12.3	-16.0	285.6	13.1	12.6	-3.5	291.2	295.8	1.6	74.1	5.7	131.
10.0	32.0	3210.2	672.0	-13.0	-16.0	281.2	13.1	12.8	-2.5	291.6	296.0	1.5	72.7	6.0	129.
10.3	33.0	3324.4	662.0	-13.6	-17.1	278.1	13.1	13.0	-1.8	292.2	296.6	1.5	74.5	6.2	128.
10.7	34.0	3440.2	652.0	-14.0	-16.9	274.6	13.2	13.2	-1.1	293.0	297.6	1.6	79.0	6.4	127.
11.1	35.0	3557.4	642.0	-14.8	-18.0	272.1	13.5	13.5	-0.5	293.4	297.6	1.4	76.7	6.7	125.
11.6	36.0	3700.1	630.0	-15.4	-18.7	270.3	14.0	14.0	-0.1	294.3	298.4	1.4	75.8	7.0	123.
11.9	37.0	3820.8	620.0	-16.2	-20.0	269.1	14.0	14.0	0.2	294.7	298.4	1.3	72.7	7.3	122.
12.3	38.0	3943.1	610.0	-17.0	-20.7	267.1	13.8	13.7	0.7	295.1	298.7	1.2	73.1	7.6	121.
12.7	39.0	4054.5	601.0	-17.9	-21.0	264.9	13.4	13.4	1.2	295.4	299.0	1.2	76.6	7.8	119.
13.1	40.0	4167.2	592.0	-18.9	-21.3	263.0	13.2	13.1	1.6	295.4	298.8	1.1	77.7	8.1	118.
13.6	41.0	4319.5	580.0	-19.9	-22.5	261.5	13.2	13.1	1.9	296.1	299.3	1.1	79.5	8.4	116.
14.0	42.0	4435.3	571.0	-20.8	-24.0	261.0	13.4	13.3	2.1	296.3	299.2	1.0	75.8	8.7	115.
14.4	43.0	4565.7	561.0	-21.9	-24.2	261.3	13.8	13.6	2.1	296.5	299.4	1.0	81.1	8.9	114.
14.8	44.0	4671.3	553.0	-22.8	-25.4	261.8	13.9	13.8	2.0	296.6	299.3	0.9	79.0	9.2	113.
15.1	45.0	4791.4	544.0	-23.8	-27.1	262.1	13.9	13.8	1.9	296.9	299.2	0.8	73.5	9.4	112.
15.4	46.0	4913.2	535.0	-24.6	-28.1	262.2	13.8	13.6	1.9	297.3	299.5	0.7	71.9	9.7	111.
15.9	47.0	5036.4	526.0	-25.7	-30.1	262.2	13.6	13.4	1.8	297.3	299.2	0.6	66.7	10.0	110.
16.3	48.0	5147.3	518.0	-26.7	-31.1	263.0	13.7	13.6	1.7	297.5	299.3	0.5	65.7	10.3	109.
16.7	49.0	5273.7	509.0	-27.7	-32.7	264.2	14.0	14.0	1.4	297.7	299.3	0.5	62.0	10.6	108.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 532  
PEORIA, ILL

5 FEBRUARY 1975  
2315 GMT

148 32. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
37.9	95.0	11336.4	203.0	-52.8	99.9	241.8	28.5	25.1	13.5	347.6	999.9	99.9	999.9	29.8	83.
38.4	96.0	11530.0	197.0	-52.8	99.9	241.8	28.8	25.1	13.6	350.6	999.9	99.9	999.9	30.7	83.
39.0	97.0	11662.2	193.0	-53.5	99.9	241.9	29.6	26.1	13.9	351.7	999.9	99.9	999.9	31.6	82.
39.5	98.0	11797.0	189.0	-53.2	99.9	242.1	30.5	26.1	14.2	354.3	999.9	99.9	999.9	32.4	81.
40.1	99.0	11969.9	184.0	-52.8	99.9	242.1	29.9	26.1	14.0	357.5	999.9	99.9	999.9	33.6	81.
40.8	100.0	12112.0	180.0	-52.1	99.9	241.0	28.4	24.1	13.8	361.0	999.9	99.9	999.9	34.7	80.
41.4	101.0	12294.7	175.0	-51.3	99.9	239.5	28.2	24.1	14.3	365.2	999.9	99.9	999.9	35.6	80.
41.9	102.0	12444.9	171.0	-51.3	99.9	238.4	29.4	25.1	15.4	367.6	999.9	99.9	999.9	36.4	79.
42.4	103.0	12598.5	167.0	-51.9	99.9	238.4	30.5	26.1	16.0	369.1	999.9	99.9	999.9	37.3	79.
43.0	104.0	12716.0	164.0	-51.8	99.9	239.8	30.1	26.1	15.1	371.3	999.9	99.9	999.9	38.3	78.
43.3	105.0	12875.9	160.0	-52.5	99.9	240.8	29.4	25.1	14.3	372.6	999.9	99.9	999.9	38.8	78.
43.8	106.0	13039.5	156.0	-52.4	99.9	241.9	29.0	25.1	13.7	375.6	999.9	99.9	999.9	39.6	77.
44.3	107.0	13164.9	153.0	-53.2	99.9	243.0	30.2	26.1	13.7	376.4	999.9	99.9	999.9	40.4	77.
44.9	108.0	13335.9	149.0	-52.2	99.9	245.5	31.8	28.1	13.2	380.8	999.9	99.9	999.9	41.6	77.
45.4	109.0	13511.9	145.0	-52.5	99.9	247.9	31.3	29.1	11.8	383.3	999.9	99.9	999.9	42.6	76.
46.0	110.0	13646.8	142.0	-53.0	99.9	249.6	29.3	27.1	10.2	384.7	999.9	99.9	999.9	43.7	76.
46.8	111.0	13831.1	138.0	-53.0	99.9	248.1	30.7	28.1	11.5	387.9	999.9	99.9	999.9	44.9	76.
47.3	112.0	13972.6	135.0	-53.6	99.9	246.1	33.3	30.1	13.5	389.3	999.9	99.9	999.9	45.9	76.
47.9	113.0	14166.0	131.0	-53.6	99.9	243.3	34.5	30.1	15.5	392.6	999.9	99.9	999.9	47.2	76.
48.4	114.0	14315.1	128.0	-53.5	99.9	240.0	33.8	29.1	16.9	395.5	999.9	99.9	999.9	48.2	75.
49.0	115.0	14467.6	125.0	-53.8	99.9	235.9	34.1	28.1	19.1	397.6	999.9	99.9	999.9	49.3	75.
49.7	116.0	14675.9	121.0	-55.0	99.9	237.5	35.3	29.1	19.0	399.0	999.9	99.9	999.9	50.7	74.
50.2	117.0	14835.9	118.0	-56.2	99.9	242.3	35.1	31.1	16.3	399.8	999.9	99.9	999.9	51.8	74.
50.7	118.0	14999.4	115.0	-56.7	99.9	247.3	35.0	32.1	13.5	401.9	999.9	99.9	999.9	52.8	74.
51.2	119.0	15110.4	113.0	-57.6	99.9	250.5	35.4	33.1	11.8	402.1	999.9	99.9	999.9	53.8	74.
51.9	120.0	15338.0	109.0	-57.5	99.9	253.2	36.1	34.1	10.4	406.6	999.9	99.9	999.9	55.3	74.
52.3	121.0	15454.9	107.0	-58.0	99.9	254.1	34.7	33.1	9.5	407.8	999.9	99.9	999.9	56.2	74.
52.9	122.0	15634.1	104.0	-58.0	99.9	253.8	29.0	27.1	8.1	411.1	999.9	99.9	999.9	57.6	74.
53.3	123.0	15756.6	102.0	-57.5	99.9	252.6	25.1	23.1	7.5	414.3	999.9	99.9	999.9	58.1	74.
54.0	124.0	15945.4	99.0	-57.1	99.9	251.9	23.4	22.1	7.3	418.5	999.9	99.9	999.9	58.8	74.
54.5	125.0	16139.7	96.0	-58.0	99.9	253.0	26.6	25.1	7.8	420.6	999.9	99.9	999.9	59.7	74.
55.2	126.0	16339.2	93.0	-59.3	99.9	253.6	30.5	29.1	8.6	421.8	999.9	99.9	999.9	60.9	74.
55.8	127.0	16544.4	90.0	-59.7	99.9	253.9	31.8	30.1	8.8	425.1	999.9	99.9	999.9	62.1	74.
56.3	128.0	16684.6	88.0	-60.5	99.9	255.0	32.4	31.1	8.4	426.1	999.9	99.9	999.9	63.1	74.
57.0	129.0	16827.5	86.0	-61.4	99.9	258.4	36.0	35.1	1.2	427.1	999.9	99.9	999.9	64.2	74.
57.6	130.0	17047.1	83.0	-62.5	99.9	262.2	36.9	36.1	5.0	429.2	999.9	99.9	999.9	65.9	74.
58.3	131.0	17197.7	81.0	-62.3	99.9	265.4	31.3	31.1	2.5	432.6	999.9	99.9	999.9	67.3	74.
58.9	132.0	17431.4	78.0	-61.1	99.9	264.7	24.7	24.1	2.3	439.9	999.9	99.9	999.9	68.4	74.
59.6	133.0	17593.3	76.0	-59.8	99.9	263.0	21.4	21.1	2.6	445.8	999.9	99.9	999.9	69.1	74.
60.2	134.0	17760.0	74.0	-59.5	99.9	265.7	24.4	24.1	1.8	447.9	999.9	99.9	999.9	69.8	74.
60.8	135.0	17931.1	72.0	-60.5	99.9	265.5	27.5	27.1	2.2	451.2	999.9	99.9	999.9	70.8	75.
61.6	136.0	18195.3	69.0	-61.8	99.9	261.8	25.1	24.1	3.6	454.1	999.9	99.9	999.9	72.2	75.
62.3	137.0	18377.2	67.0	-62.3	99.9	261.4	19.5	19.1	2.9	456.7	999.9	99.9	999.9	73.1	75.
63.2	138.0	18564.8	65.0	-61.2	99.9	260.0	20.2	19.1	3.5	463.1	999.9	99.9	999.9	74.0	75.
64.0	139.0	18858.3	62.0	-61.1	99.9	255.6	27.1	26.1	6.8	469.8	999.9	99.9	999.9	75.1	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532  
PEORIA, ILL

5 FEBRUARY 1975  
2315 GMT

148 32. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
64.8	140.0	19165.8	59.0	-61.8	99.9	258.4	25.3	24.1	5.1	474.9	999.9	99.9	999.9	76.6	75.
65.7	141.0	19378.9	57.0	-62.7	99.9	268.8	18.4	18.1	0.4	477.5	999.9	99.9	999.9	77.7	75.
66.6	142.0	19598.6	55.0	-63.6	99.9	268.7	17.9	17.1	0.4	480.3	999.9	99.9	999.9	78.5	75.
67.4	143.0	19825.4	53.0	-64.6	99.9	271.4	20.1	20.1	-0.5	483.2	999.9	99.9	999.9	79.4	76.
68.2	144.0	20060.9	51.0	-63.8	99.9	270.7	22.1	22.1	-0.3	490.4	999.9	99.9	999.9	80.4	76.
69.2	145.0	20432.3	48.0	-64.2	99.9	271.9	22.0	22.1	-0.7	498.0	999.9	99.9	999.9	81.8	76.
70.2	146.0	20692.4	46.0	-64.8	99.9	271.2	23.8	23.1	-0.5	502.8	999.9	99.9	999.9	82.9	76.
71.3	147.0	20963.4	44.0	-65.3	99.9	274.1	25.7	25.1	-1.8	507.8	999.9	99.9	999.9	84.6	77.
72.3	148.0	21392.1	41.0	-66.5	99.9	273.9	22.1	22.1	-1.5	515.2	999.9	99.9	999.9	86.1	77.
73.6	149.0	21694.8	39.0	-66.5	99.9	276.9	16.8	16.7	-2.0	522.6	999.9	99.9	999.9	87.4	77.
74.9	150.0	22013.7	37.0	-66.1	99.9	279.7	17.4	17.1	-2.9	531.6	999.9	99.9	999.9	88.7	77.
76.3	151.0	22351.2	35.0	-65.5	99.9	999.9	99.9	99.9	99.9	541.6	999.9	99.9	999.9	999.9	999.
77.8	152.0	22896.2	32.0	-65.5	99.9	999.9	99.9	99.9	99.9	555.7	999.9	99.9	999.9	999.9	999.

STATION NO. 532  
PEORIA, ILL

6 FEBRUARY 1975  
548 GMT

156 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	200.0	990.2	-7.2	-9.4	280.0	6.7	6.6	-1.2	266.9	271.8	1.9	84.0	0.0	0.
0.1	6.0	225.2	987.0	-8.0	-9.9	291.5	11.0	10.3	-4.1	266.3	271.0	1.8	86.1	0.3	110.
0.5	7.0	320.2	975.0	-8.3	-8.9	291.5	11.0	10.3	-4.1	267.0	272.1	2.0	95.3	0.3	110.
0.9	8.0	416.1	963.0	-9.9	-10.0	294.1	11.3	10.3	-4.6	266.3	271.0	1.8	99.1	0.5	111.
1.2	9.0	512.6	951.0	-11.8	-11.6	300.9	10.7	9.2	-5.5	265.3	269.5	1.6	100.2	0.7	112.
1.6	10.0	601.8	940.0	-11.2	-11.2	314.5	9.8	7.0	-6.9	266.8	271.3	1.7	100.3	1.0	115.
2.1	11.0	718.4	926.0	-5.5	-5.5	329.6	8.6	4.3	-7.4	273.9	281.0	2.7	102.5	1.2	122.
2.5	12.0	820.7	914.0	-6.1	-6.1	329.6	7.7	3.9	-6.7	274.3	281.2	2.6	102.4	1.4	126.
2.9	13.0	924.1	902.0	-6.4	-6.4	327.8	6.5	3.5	-5.5	275.0	281.9	2.6	102.4	1.6	128.
3.4	14.0	1020.0	891.0	-7.2	-7.2	323.0	5.9	3.6	-4.7	275.2	281.8	2.5	102.3	1.7	130.
3.8	15.0	1116.9	880.0	-7.6	-7.6	315.7	6.3	4.4	-4.5	275.7	282.2	2.5	102.2	1.9	131.
4.3	16.0	1241.7	866.0	-8.2	-8.2	312.8	7.6	5.6	-5.2	276.4	282.7	2.4	102.1	2.1	131.
4.7	17.0	1340.8	855.0	-9.4	-9.4	315.7	8.6	6.0	-6.2	276.2	282.0	2.2	102.0	2.3	131.
5.0	18.0	1440.9	844.0	-9.8	-9.8	319.2	9.1	6.0	-6.9	276.7	282.4	2.2	101.9	2.5	132.
5.4	19.0	1542.3	833.0	-9.6	-9.6	319.5	8.3	5.4	-6.3	277.9	283.8	2.2	101.9	2.7	132.
5.8	20.0	1645.0	822.0	-9.6	-9.6	315.3	8.2	5.8	-5.8	279.0	285.0	2.2	101.9	2.8	133.
6.2	21.0	1768.3	809.0	-9.4	-9.4	310.8	8.7	6.6	-5.7	280.6	286.8	2.3	101.7	3.0	133.
6.6	22.0	1864.5	799.0	-9.5	-9.5	308.9	9.0	7.0	-5.6	281.4	287.7	2.3	101.7	3.3	132.
7.0	23.0	1971.7	788.0	-9.5	-9.5	310.9	7.8	5.9	-5.1	282.5	288.9	2.4	102.0	3.5	132.
7.5	24.0	2070.4	778.0	-9.6	-9.6	313.8	8.4	6.1	-5.8	283.4	289.8	2.4	101.6	3.7	132.
7.8	25.0	2180.4	767.0	-10.2	-10.2	309.7	9.3	7.2	-6.0	283.9	290.2	2.3	101.3	3.9	132.
8.3	26.0	2301.9	755.0	-10.8	-10.8	303.4	10.5	8.8	-5.8	284.6	290.7	2.2	101.2	4.2	132.
8.6	27.0	2404.5	745.0	-10.7	-10.7	299.6	10.8	9.4	-5.3	285.8	292.1	2.3	101.2	4.4	132.
8.9	28.0	2508.4	735.0	-11.2	-11.2	295.6	10.7	9.7	-4.6	286.3	292.4	2.2	100.8	4.6	131.
9.3	29.0	2613.5	725.0	-11.9	-11.9	290.3	10.2	9.6	-3.5	286.6	292.5	2.1	100.7	4.9	130.
9.7	30.0	2719.9	715.0	-12.2	-12.2	284.2	9.8	9.5	-2.4	287.5	293.3	2.1	100.7	5.1	129.
10.2	31.0	2816.8	706.0	-12.5	-12.5	276.5	10.0	9.9	-1.1	288.2	294.0	2.1	100.6	5.3	128.
10.6	32.0	2925.5	696.0	-13.8	-13.8	272.0	10.5	10.5	-0.4	287.9	293.3	1.9	99.9	5.5	126.
10.9	33.0	3035.5	686.0	-14.5	-14.5	270.3	10.6	10.6	-0.1	288.3	293.5	1.8	99.5	5.7	125.
11.3	34.0	3146.7	676.0	-15.0	-15.1	269.9	10.0	10.0	0.0	288.9	293.9	1.7	98.9	5.9	123.
11.7	35.0	3248.1	667.0	-15.2	-15.4	271.1	9.2	9.2	-0.2	289.9	294.8	1.7	98.4	6.1	122.
12.3	36.0	3385.3	655.0	-15.8	-16.1	275.6	8.6	8.5	-0.8	290.6	295.4	1.7	98.0	6.3	121.
12.7	37.0	3489.5	646.0	-16.5	-16.8	279.6	8.6	8.5	-1.4	290.9	295.5	1.6	97.7	6.5	120.
13.0	38.0	3606.9	636.0	-16.8	-17.2	282.7	8.7	8.5	-1.9	291.9	296.5	1.6	97.4	6.7	120.
13.4	39.0	3713.9	627.0	-17.2	-17.6	286.4	8.3	8.0	-2.4	292.6	297.1	1.5	96.9	6.9	119.
13.7	40.0	3822.2	618.0	-17.9	-18.4	288.7	8.1	7.6	-2.6	293.1	297.3	1.4	96.1	7.0	119.
14.3	41.0	3956.5	607.0	-18.2	-18.7	292.0	7.9	7.3	-2.9	294.3	298.5	1.4	95.8	7.3	119.
14.7	42.0	4068.0	598.0	-19.1	-19.7	293.1	8.1	7.4	-3.2	294.4	298.4	1.3	95.5	7.5	118.
14.9	43.0	4180.8	589.0	-19.8	-20.4	293.6	8.1	7.5	-3.3	294.9	298.7	1.3	95.0	7.6	118.
15.4	44.0	4282.2	581.0	-20.7	-21.4	294.3	8.1	7.3	-3.3	294.9	298.5	1.2	94.2	7.8	118.
15.7	45.0	4397.4	572.0	-21.7	-22.5	294.6	8.0	7.3	-3.3	295.1	298.4	1.1	93.2	8.0	118.
16.1	46.0	4514.1	563.0	-22.6	-23.6	294.8	7.9	7.2	-3.3	295.4	298.5	1.0	92.9	8.2	118.
16.5	47.0	4632.2	554.0	-23.5	-24.5	295.1	8.0	7.2	-3.4	295.6	298.5	0.9	91.6	8.4	118.
16.8	48.0	4751.8	545.0	-24.5	-25.5	295.5	8.0	7.2	-3.5	295.9	298.6	0.9	91.2	8.5	118.
17.3	49.0	4859.4	537.0	-25.3	-26.4	296.3	8.1	7.2	-3.6	296.2	298.7	0.8	90.5	8.7	118.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 532  
PEORIA, ILL

6 FEBRUARY 1975  
548 GMT

156 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
17.6	50.0	4968.3	529.0	-25.9	-27.2	296.8	8.1	7.2	-3.6	296.7	299.0	0.8	89.0	8.9	118.
18.1	51.0	5106.2	519.0	-27.1	-28.5	297.4	8.0	7.1	-3.7	296.8	299.0	0.7	88.3	9.1	118.
18.5	52.0	5217.9	511.0	-28.4	-29.6	297.8	7.9	7.0	-3.7	296.5	298.5	0.6	87.2	9.3	118.
18.9	53.0	5330.9	503.0	-29.4	-30.6	297.9	7.7	6.8	-3.6	296.8	298.5	0.6	86.0	9.5	118.
19.4	54.0	5445.2	495.0	-30.2	-31.8	297.9	7.5	6.6	-3.5	297.1	298.8	0.5	85.4	9.7	118.
19.7	55.0	5560.9	487.0	-31.2	-33.0	297.9	7.4	6.5	-3.4	297.2	298.8	0.5	84.0	9.9	118.
20.4	56.0	5707.6	477.0	-32.4	-34.3	298.1	7.4	6.5	-3.5	297.5	298.9	0.4	82.9	10.2	118.
20.8	57.0	5811.7	470.0	-33.5	-35.5	298.8	7.7	6.8	-3.7	297.4	298.7	0.4	81.3	10.3	118.
21.3	58.0	5932.0	462.0	-34.5	-36.6	299.6	8.3	7.2	-4.1	297.6	298.7	0.3	79.8	10.6	118.
21.7	59.0	6053.9	454.0	-35.3	-37.7	299.3	8.8	7.6	-4.3	298.1	299.1	0.3	78.4	10.8	118.
22.1	60.0	6161.9	447.0	-36.3	-38.6	298.4	9.1	8.0	-4.3	298.2	299.2	0.3	76.6	11.0	118.
22.5	61.0	6271.2	440.0	-37.3	-40.0	297.3	9.1	8.1	-4.2	298.2	299.0	0.3	75.6	11.2	118.
23.0	62.0	6357.7	432.0	-38.4	-41.3	297.5	8.6	7.6	-4.0	298.4	299.1	0.2	74.1	11.5	118.
23.5	63.0	6509.8	425.0	-39.2	-42.1	297.4	8.3	7.4	-3.8	298.7	299.5	0.2	73.9	11.7	118.
23.8	64.0	6623.3	418.0	-40.5	99.9	295.6	8.4	7.6	-3.6	298.6	999.9	99.9	999.9	11.9	118.
24.4	65.0	6738.2	411.0	-41.4	99.9	290.7	8.8	8.2	-3.1	298.8	999.9	99.9	999.9	12.2	118.
24.8	66.0	6888.2	402.0	-42.3	99.9	287.0	9.1	8.7	-2.7	299.6	999.9	99.9	999.9	12.4	118.
25.4	67.0	7006.7	395.0	-43.5	99.9	281.2	10.0	9.8	-1.9	299.5	999.9	99.9	999.9	12.7	117.
25.7	68.0	7109.4	389.0	-44.5	99.9	278.7	10.7	10.5	-1.6	299.5	999.9	99.9	999.9	12.9	117.
26.2	69.0	7230.6	382.0	-45.8	99.9	275.9	11.6	11.5	-1.2	299.4	999.9	99.9	999.9	13.2	117.
26.5	70.0	7353.6	375.0	-46.4	99.9	275.0	11.9	11.8	-1.0	300.2	999.9	99.9	999.9	13.5	116.
27.2	71.0	7496.4	367.0	-47.8	99.9	274.2	11.0	11.0	-0.8	300.1	999.9	99.9	999.9	13.9	115.
27.5	72.0	7604.9	361.0	-49.0	99.9	273.7	10.5	10.5	-0.7	300.0	999.9	99.9	999.9	14.1	115.
28.0	73.0	7733.2	354.0	-49.9	99.9	272.0	10.2	10.2	-0.4	300.4	999.9	99.9	999.9	14.4	115.
28.5	74.0	7844.7	348.0	-50.8	99.9	269.9	10.4	10.4	0.0	300.7	999.9	99.9	999.9	14.6	114.
29.0	75.0	7976.7	341.0	-52.2	99.9	268.0	10.5	10.5	0.4	300.5	999.9	99.9	999.9	14.9	114.
29.4	76.0	8091.3	335.0	-53.2	99.9	267.1	10.3	10.3	0.5	300.8	999.9	99.9	999.9	15.2	113.
29.9	77.0	8207.5	329.0	-54.1	99.9	266.7	10.0	10.0	0.6	301.0	999.9	99.9	999.9	15.4	113.
30.4	78.0	8325.2	323.0	-55.4	99.9	266.5	10.0	9.9	0.6	300.8	999.9	99.9	999.9	15.7	112.
30.8	79.0	8444.4	317.0	-56.7	99.9	266.2	10.5	10.5	0.7	300.6	999.9	99.9	999.9	15.9	112.
31.4	80.0	8565.5	311.0	-57.1	99.9	265.9	11.7	11.7	0.8	301.8	999.9	99.9	999.9	16.3	111.
32.1	81.0	8709.6	304.0	-57.1	99.9	265.7	12.2	12.2	0.9	303.8	999.9	99.9	999.9	16.7	111.
32.7	82.0	8835.7	298.0	-57.2	99.9	263.0	11.3	11.2	1.4	305.3	999.9	99.9	999.9	17.2	110.
33.1	83.0	8964.1	292.0	-57.9	99.9	258.7	10.8	10.6	2.1	306.1	999.9	99.9	999.9	17.4	110.
33.6	84.0	9072.8	287.0	-58.6	99.9	253.9	11.4	11.0	3.2	306.6	999.9	99.9	999.9	17.6	109.
34.2	85.0	9205.5	281.0	-59.0	99.9	253.9	13.6	13.0	3.8	308.0	999.9	99.9	999.9	18.0	108.
34.7	86.0	9363.8	274.0	-58.8	99.9	254.8	15.2	14.6	4.0	310.4	999.9	99.9	999.9	18.3	107.
35.3	87.0	9479.5	269.0	-58.8	99.9	253.5	16.2	15.5	4.6	312.1	999.9	99.9	999.9	18.8	107.
35.8	88.0	9597.3	264.0	-58.6	99.9	251.9	16.7	15.9	5.2	314.0	999.9	99.9	999.9	19.2	106.
36.3	89.0	9741.8	258.0	-58.4	99.9	252.8	17.6	16.8	5.2	316.3	999.9	99.9	999.9	19.6	105.
36.8	90.0	9865.1	253.0	-57.9	99.9	255.6	19.0	18.4	4.7	318.9	999.9	99.9	999.9	20.1	104.
37.4	91.0	9991.1	248.0	-57.1	99.9	257.7	20.4	19.9	4.4	322.0	999.9	99.9	999.9	20.8	103.
37.8	92.0	10120.6	243.0	-55.4	99.9	257.4	20.7	20.3	4.5	326.3	999.9	99.9	999.9	21.2	103.
38.4	93.0	10253.2	238.0	-55.3	99.9	256.5	21.4	20.8	5.0	328.5	999.9	99.9	999.9	21.9	102.
39.0	94.0	10388.8	233.0	-55.1	99.9	254.8	22.9	22.1	6.0	330.8	999.9	99.9	999.9	22.6	101.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 532  
PEORIA, ILL

6 FEBRUARY 1975  
548 GMT

156 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
69.9	140.0	18236.0	68.0	-60.4	99.9	270.8	22.3	22.3	-7.3	459.0	999.9	99.9	999.9	70.0	81.
70.8	141.0	18421.9	66.0	-60.7	99.9	268.0	19.8	19.8	0.7	462.2	999.9	99.9	999.9	71.3	81.
71.8	142.0	18711.4	63.0	-60.7	99.9	260.0	16.4	16.1	2.9	468.4	999.9	99.9	999.9	72.3	81.
72.8	143.0	18912.0	61.0	-60.9	99.9	261.9	21.5	21.3	3.0	472.3	999.9	99.9	999.9	73.2	81.
73.7	144.0	19224.5	58.0	-62.4	99.9	261.8	21.6	21.4	3.1	475.9	999.9	99.9	999.9	74.8	81.
74.7	145.0	19441.1	56.0	-62.4	99.9	259.5	15.3	15.1	2.8	480.7	999.9	99.9	999.9	75.7	81.
75.7	146.0	19665.4	54.0	-62.8	99.9	254.8	17.4	16.8	4.6	484.8	999.9	99.9	999.9	76.6	81.
76.8	147.0	20016.6	51.0	-64.1	99.9	253.8	24.7	23.7	6.9	489.7	999.9	99.9	999.9	77.9	81.
77.8	148.0	20262.4	49.0	-62.6	99.9	257.8	27.0	26.4	5.7	498.9	999.9	99.9	999.9	79.7	80.
78.8	149.0	20518.6	47.0	-64.1	99.9	264.7	23.8	23.7	2.2	501.3	999.9	99.9	999.9	81.0	80.
79.8	150.0	20784.9	45.0	-64.1	99.9	270.3	26.1	26.1	-0.1	507.5	999.9	99.9	999.9	82.6	81.
81.0	151.0	21063.8	43.0	-63.3	99.9	271.2	23.1	23.1	-0.5	516.1	999.9	99.9	999.9	84.3	81.
82.2	152.0	21507.4	40.0	-64.1	99.9	267.3	20.6	20.6	1.0	524.9	999.9	99.9	999.9	86.0	81.
83.4	153.0	21821.4	38.0	-64.3	99.9	269.2	17.8	17.8	0.2	532.2	999.9	99.9	999.9	87.3	81.
84.6	154.0	22153.0	36.0	-63.3	99.9	274.6	17.7	17.6	-1.4	543.0	999.9	99.9	999.9	88.5	81.
86.0	155.0	22503.5	34.0	-64.3	99.9	273.6	16.5	16.4	-1.0	549.4	999.9	99.9	999.9	89.9	81.
87.5	156.0	22873.1	32.0	-65.7	99.9	264.9	17.2	17.1	1.5	555.3	999.9	99.9	999.9	91.4	82.
88.9	157.0	23263.2	30.0	-67.9	99.9	267.3	18.7	18.7	0.9	559.4	999.9	99.9	999.9	92.9	82.
90.3	158.0	23677.5	28.0	-68.4	99.9	265.3	21.2	21.1	1.7	569.4	999.9	99.9	999.9	94.5	82.
91.9	159.0	24123.2	26.0	-67.3	99.9	277.6	20.9	20.1	-2.8	584.6	999.9	99.9	999.9	96.9	82.
93.7	160.0	24607.2	24.0	-66.1	99.9	999.9	99.9	99.1	99.9	601.7	999.9	99.9	999.9	999.9	999.

STATION NO. 532  
PEORIA, ILL

6 FEBRUARY 1975  
1115 GMT

144 45. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	200.0	990.7	-9.4	-12.7	280.0	5.1	5.1	-0.9	264.6	268.4	1.5	77.0	0.0	0.
0.2	6.0	268.1	982.0	-10.6	-11.9	290.7	11.4	10.1	-1.0	264.2	268.1	1.6	89.5	0.2	111.
0.5	7.0	378.4	968.0	-11.6	-12.6	290.7	11.4	10.1	-4.0	264.2	268.1	1.5	92.4	0.2	111.
0.9	8.0	473.9	956.0	-12.4	-12.7	294.0	10.5	9.1	-4.3	264.3	268.1	1.5	96.5	0.5	111.
1.4	9.0	578.4	943.0	-13.3	-13.3	300.3	10.3	8.1	-5.2	264.5	268.2	1.5	101.1	0.8	114.
1.8	10.0	675.9	931.0	-13.6	-13.6	307.6	11.1	8.4	-6.8	265.1	268.9	1.4	101.0	1.0	116.
2.1	11.0	809.5	915.0	-7.3	-7.3	312.8	11.4	8.1	-7.7	273.0	279.2	2.4	101.9	1.2	118.
2.4	12.0	912.4	903.0	-7.3	-7.3	318.5	10.4	6.9	-7.8	274.0	280.4	2.4	101.9	1.4	121.
2.9	13.0	1016.6	891.0	-7.6	-7.6	319.9	9.5	6.1	-7.3	274.7	281.1	2.4	101.8	1.7	124.
3.2	14.0	1122.2	879.0	-8.1	-8.1	317.7	9.9	6.7	-7.3	275.3	281.5	2.4	101.8	1.9	126.
3.5	15.0	1228.9	867.0	-8.7	-8.7	315.1	10.8	7.6	-7.6	275.8	281.8	2.3	101.7	2.0	127.
3.9	16.0	1364.1	852.0	-9.5	-9.5	312.3	10.9	8.0	-7.3	276.2	282.0	2.2	101.6	2.3	127.
4.2	17.0	1473.6	840.0	-10.1	-10.1	313.0	10.4	7.6	-7.1	276.7	282.3	2.1	101.5	2.5	128.
4.6	18.0	1584.7	828.0	-9.8	-9.9	317.3	9.4	6.4	-6.9	278.2	284.0	2.2	101.5	2.7	128.
5.0	19.0	1688.0	817.0	-9.7	-9.7	326.8	8.6	4.8	-7.2	279.4	285.4	2.2	101.6	2.9	129.
5.4	20.0	1792.7	806.0	-9.8	-9.8	329.2	9.3	4.1	-3.0	280.3	286.4	2.2	101.5	3.1	131.
5.9	21.0	1937.6	791.0	-10.7	-10.7	327.9	9.9	5.1	-8.4	280.9	286.7	2.1	101.4	3.4	132.
6.2	22.0	2045.2	780.0	-11.4	-11.4	327.6	9.5	5.1	-8.0	281.2	286.8	2.0	101.3	3.6	133.
6.6	23.0	2154.0	769.0	-12.3	-12.3	327.4	9.1	4.8	-7.6	281.4	286.7	1.9	101.2	3.8	134.
7.0	24.0	2264.1	758.0	-12.8	-12.8	325.8	10.6	5.1	-8.7	282.0	287.1	1.9	101.1	4.0	134.
7.3	25.0	2375.9	747.0	-12.0	-12.0	324.4	10.9	6.1	-8.9	284.1	289.7	2.0	101.2	4.2	135.
7.8	26.0	2520.8	733.0	-12.1	-12.1	321.5	11.1	6.1	-8.7	285.5	291.2	2.1	100.9	4.6	136.
8.2	27.0	2625.8	723.0	-12.8	-12.8	319.4	11.1	7.1	-8.3	285.8	291.3	2.0	100.8	4.8	136.
8.6	28.0	2742.6	712.0	-13.7	-13.7	315.1	11.2	7.1	-8.0	286.1	291.4	1.9	100.4	5.1	136.
8.9	29.0	2850.1	702.0	-14.1	-14.1	313.1	11.5	8.1	-7.8	286.8	292.0	1.8	99.8	5.3	136.
9.2	30.0	2969.9	691.0	-15.0	-15.1	311.3	11.5	8.1	-7.6	287.2	292.0	1.7	98.9	5.5	136.
9.6	31.0	3080.1	681.0	-15.8	-16.0	308.9	11.3	8.1	-7.1	287.4	292.0	1.6	98.3	5.8	135.
9.9	32.0	3191.5	671.0	-16.7	-17.1	306.7	10.9	8.1	-6.5	287.6	291.8	1.5	97.9	6.0	135.
10.4	33.0	3304.5	661.0	-16.3	-16.6	302.9	10.3	8.1	-5.6	289.3	293.8	1.6	97.9	6.3	135.
10.8	34.0	3419.2	651.0	-16.7	-17.1	300.5	9.9	8.1	-5.0	290.1	294.5	1.5	97.4	6.6	134.
11.1	35.0	3535.4	641.0	-17.6	-17.9	298.8	9.6	8.1	-4.6	290.4	294.6	1.4	96.8	6.7	134.
11.6	36.0	3676.8	629.0	-18.1	-18.6	295.4	9.5	8.1	-4.1	291.3	295.4	1.4	96.3	7.0	133.
12.0	37.0	3796.4	619.0	-18.9	-19.4	292.0	9.7	9.1	-3.6	291.7	295.6	1.3	95.8	7.2	133.
12.4	38.0	3917.7	609.0	-19.5	-20.0	288.8	10.4	9.1	-3.3	292.5	296.2	1.3	95.3	7.4	132.
12.8	39.0	4028.2	600.0	-20.5	-21.2	286.2	11.0	10.1	-3.1	292.5	295.9	1.2	94.0	7.6	131.
13.2	40.0	4139.9	591.0	-21.2	-24.7	284.0	11.4	11.1	-2.8	292.9	295.5	0.9	73.3	7.9	130.
13.7	41.0	4291.1	579.0	-22.3	-27.3	281.5	12.2	11.1	-2.4	293.4	295.4	0.7	60.4	8.2	129.
14.1	42.0	4406.0	570.0	-23.1	-28.2	279.3	12.5	12.1	-2.0	293.8	295.8	0.7	62.8	8.5	128.
14.4	43.0	4522.5	561.0	-23.9	-28.8	277.5	12.6	12.1	-1.6	294.2	296.1	0.6	63.2	8.7	127.
14.8	44.0	4640.4	552.0	-24.9	-29.3	275.3	12.7	12.1	-1.2	294.3	296.1	0.6	63.3	9.0	126.
15.2	45.0	4759.8	543.0	-25.6	-29.9	273.6	13.0	12.1	-0.8	294.9	296.7	0.6	66.8	9.2	125.
15.5	46.0	4867.3	535.0	-26.5	-30.6	272.9	13.4	13.1	-0.7	295.0	296.7	0.6	67.9	9.4	125.
15.9	47.0	4989.7	526.0	-27.4	-32.1	271.9	14.1	14.1	-0.5	295.3	296.9	0.5	64.1	9.7	124.
16.3	48.0	5113.7	517.0	-28.2	-33.1	270.4	14.4	14.1	-0.1	295.9	297.3	0.4	62.3	10.0	123.
16.5	49.0	5225.4	509.0	-29.2	-34.0	269.6	14.4	14.1	0.1	295.9	297.2	0.4	63.0	10.2	122.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG





STATION NO. 532  
PEORIA, ILL

6 FEBRUARY 1975  
1115 GMT

144 45. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.4	140.0	18582.1	64.0	-60.6	99.9	258.7	25.8	25.3	5.0	466.6	999.9	99.9	999.9	63.5	87.
61.3	141.0	18780.0	62.0	-60.2	99.9	260.4	24.0	23.6	4.0	471.7	999.9	99.9	999.9	64.6	86.
62.1	142.0	18984.5	60.0	-60.1	99.9	262.4	22.7	22.5	3.0	476.5	999.9	99.9	999.9	65.9	86.
63.0	143.0	19304.3	57.0	-60.6	99.9	266.0	20.0	19.9	1.4	482.4	999.9	99.9	999.9	67.0	86.
63.9	144.0	19526.2	55.0	-61.6	99.9	266.6	21.7	21.7	1.3	484.9	999.9	99.9	999.9	68.1	86.
64.9	145.0	19873.6	52.0	-61.8	99.9	269.8	18.9	18.9	0.1	492.4	999.9	99.9	999.9	69.3	86.
66.0	146.0	20116.0	50.0	-62.7	99.9	271.6	22.8	22.8	-0.6	495.8	999.9	99.9	999.9	70.6	86.
67.2	147.0	20496.3	47.0	-63.9	99.9	999.9	99.9	99.9	99.9	501.7	999.9	99.9	999.9	999.9	999.
68.9	148.0	20762.9	45.0	-63.7	99.9	999.9	99.9	99.9	99.9	508.4	999.9	99.9	999.9	999.9	999.

STATION NO. 532  
PEORIA, ILL

6 FEBRUARY 1975  
1448 GMT

157 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	200.0	992.3	-11.1	-15.0	280.0	5.2	5.1	-0.9	262.8	265.9	1.2	73.0	0.0	0.
0.3	6.0	280.0	982.0	-12.2	-15.8	301.7	13.9	11.8	-7.3	262.4	265.4	1.1	74.9	0.2	120.
0.6	7.0	373.9	970.0	-12.9	-14.4	302.4	13.4	11.4	-7.2	262.6	266.0	1.3	88.4	0.3	121.
0.9	8.0	476.6	957.0	-14.1	-14.8	304.6	12.1	9.9	-6.8	262.5	265.8	1.3	94.1	0.5	121.
1.3	9.0	572.2	945.0	-15.0	-15.0	314.1	11.7	8.4	-8.1	262.5	265.7	1.3	100.6	0.8	123.
1.7	10.0	668.8	933.0	-15.6	-15.6	324.5	13.0	7.5	-10.6	262.9	266.0	1.2	100.5	1.0	128.
2.2	11.0	792.2	918.0	-11.4	-11.4	329.5	14.3	7.3	-12.4	268.5	273.0	1.7	101.4	1.5	134.
2.6	12.0	893.5	906.0	-9.8	-9.9	326.3	13.2	7.4	-11.0	271.1	276.3	2.0	99.1	1.8	137.
2.9	13.0	988.0	895.0	-9.1	-9.2	318.5	11.9	7.9	-8.9	272.9	278.4	2.1	99.2	2.0	138.
3.3	14.0	1092.5	883.0	-9.1	-9.2	311.0	11.0	8.3	-7.2	273.9	279.6	2.2	99.0	2.3	137.
3.8	15.0	1198.5	871.0	-9.4	-9.8	309.5	11.2	8.6	-7.1	274.7	280.2	2.1	96.9	2.6	136.
4.2	16.0	1323.9	857.0	-9.2	-9.9	311.0	11.6	8.8	-7.6	276.1	281.7	2.1	95.0	2.9	136.
4.5	17.0	1423.9	846.0	-8.9	-9.8	311.7	11.8	8.8	-7.8	277.4	283.2	2.1	93.2	3.1	135.
4.8	18.0	1534.6	834.0	-8.9	-10.3	311.4	10.8	8.1	-7.2	278.6	284.2	2.1	90.1	3.3	135.
5.2	19.0	1628.0	824.0	-9.5	-10.9	311.8	10.2	7.6	-6.8	278.9	284.3	2.0	89.7	3.5	135.
5.6	20.0	1741.2	812.0	-10.5	-11.8	311.8	10.3	7.6	-6.8	279.0	284.1	1.9	90.4	3.8	135.
6.1	21.0	1865.5	799.0	-10.7	-11.9	307.3	10.8	8.6	-6.5	280.1	285.4	1.9	90.8	4.1	134.
6.5	22.0	1972.2	788.0	-10.7	-12.2	304.5	11.0	9.1	-6.3	281.2	286.4	1.9	88.4	4.4	134.
6.8	23.0	2080.2	777.0	-11.4	-13.0	305.5	11.7	9.5	-6.8	281.6	286.5	1.8	87.8	4.6	133.
7.2	24.0	2179.4	767.0	-12.5	-14.0	304.8	11.7	9.6	-6.7	281.4	286.0	1.7	88.5	4.8	133.
7.5	25.0	2289.8	756.0	-12.8	-14.4	302.7	11.1	9.3	-6.0	282.2	286.8	1.7	87.7	5.1	133.
8.1	26.0	2422.1	743.0	-13.1	-14.8	297.5	10.9	9.7	-5.0	283.3	287.9	1.6	87.2	5.4	132.
8.5	27.0	2525.4	733.0	-13.4	-16.7	294.8	11.1	10.1	-4.6	284.1	288.1	1.4	75.8	5.7	131.
8.9	28.0	2629.8	723.0	-14.5	-17.5	294.8	11.3	10.3	-4.8	284.0	287.8	1.3	77.9	5.9	130.
9.4	29.0	2735.2	713.0	-15.5	-17.6	296.9	11.7	10.4	-5.3	284.0	287.8	1.3	83.5	6.2	129.
9.8	30.0	2852.4	702.0	-16.3	-17.9	299.6	12.1	10.5	-6.0	284.4	288.1	1.3	87.0	6.5	129.
10.1	31.0	2949.4	693.0	-17.4	-18.4	301.4	12.5	10.7	-6.5	284.2	287.9	1.3	91.5	6.8	128.
10.5	32.0	3058.1	683.0	-18.6	-18.8	303.3	12.9	10.8	-7.1	284.0	287.6	1.3	98.1	7.1	128.
10.9	33.0	3168.0	673.0	-19.1	-19.1	303.6	12.8	10.7	-7.1	284.6	288.2	1.2	100.6	7.4	128.
11.4	34.0	3268.8	664.0	-16.8	-17.1	303.1	12.8	10.7	-7.0	288.3	292.7	1.5	98.1	7.8	128.
11.8	35.0	3382.8	654.0	-17.0	-17.9	302.8	13.2	11.1	-7.2	289.4	293.5	1.4	92.6	8.0	128.
12.3	36.0	3521.8	642.0	-17.2	-18.6	302.1	13.9	11.8	-7.4	290.6	294.6	1.4	89.2	8.5	127.
12.6	37.0	3627.6	633.0	-17.8	-19.3	300.9	14.0	12.0	-7.2	291.2	295.0	1.3	87.7	8.7	127.
13.0	38.0	3746.5	623.0	-18.7	-20.3	297.8	13.7	12.1	-6.4	291.4	295.0	1.2	87.2	9.1	127.
13.4	39.0	3854.9	614.0	-19.7	-21.6	294.5	13.0	11.8	-5.4	291.5	294.8	1.1	84.7	9.4	127.
13.8	40.0	3964.5	605.0	-20.1	-22.2	292.5	12.6	11.6	-4.8	292.3	295.4	1.1	82.7	9.7	126.
14.3	41.0	4100.3	594.0	-21.2	-23.5	290.6	12.7	11.9	-4.4	292.6	295.4	1.0	81.0	10.0	126.
14.7	42.0	4212.9	585.0	-21.8	-24.4	288.5	13.1	12.5	-4.2	293.1	295.8	0.9	79.6	10.3	125.
15.1	43.0	4326.9	576.0	-22.8	-26.5	285.6	13.6	13.1	-3.7	293.2	295.5	0.8	71.0	10.6	125.
15.5	44.0	4429.4	568.0	-23.3	-27.3	282.1	13.8	13.5	-2.9	293.8	296.0	0.7	69.5	11.0	124.
15.9	45.0	4546.2	559.0	-24.1	-28.7	279.4	13.2	13.1	-2.2	294.2	296.1	0.6	65.3	11.3	123.
16.4	46.0	4664.5	550.0	-24.6	-29.7	278.3	12.7	12.6	-1.8	294.9	296.7	0.6	62.1	11.6	123.
16.8	47.0	4771.0	542.0	-25.5	-30.7	279.4	12.8	12.7	-2.1	295.1	296.7	0.5	61.8	11.9	122.
17.2	48.0	4878.7	534.0	-26.6	-31.8	281.0	13.3	13.1	-2.5	295.0	296.6	0.5	61.0	12.1	121.
17.7	49.0	5001.3	525.0	-27.2	-32.3	282.6	13.9	13.6	-3.0	295.7	297.2	0.5	61.7	12.5	121.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN C AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 532  
PEORIA, ILL

6 FEBRUARY 1975  
1448 GMT

157 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.9	50.0	5111.7	517.0	-28.4	-33.2	283.0	14.0	13.6	-3.2	295.6	297.0	0.4	62.9	12.7	121.
18.3	51.0	5251.4	507.0	-29.6	-34.3	283.1	13.6	13.2	-3.1	295.8	297.1	0.4	63.6	13.1	120.
18.8	52.0	5364.6	499.0	-30.8	-35.5	282.3	13.2	12.9	-2.8	295.7	296.8	0.4	62.4	13.4	120.
19.2	53.0	5479.1	491.0	-31.7	-35.9	280.5	13.4	13.2	-2.4	295.9	297.1	0.4	66.2	13.7	119.
19.6	54.0	5595.1	483.0	-32.5	-36.5	277.2	13.8	13.7	-1.7	296.3	297.4	0.3	67.2	14.0	119.
19.9	55.0	5712.6	475.0	-33.4	-37.4	273.4	14.0	14.0	-0.8	296.6	297.6	0.3	67.1	14.3	119.
20.4	56.0	5846.6	466.0	-34.7	-38.7	266.7	13.9	13.9	0.8	296.6	297.5	0.3	66.9	14.7	118.
20.7	57.0	5952.1	459.0	-35.8	-39.9	264.0	14.0	13.9	1.5	296.5	297.4	0.3	65.6	14.9	117.
21.2	58.0	6074.2	451.0	-36.5	-41.0	262.0	14.4	14.2	2.0	297.2	298.0	0.2	62.6	15.2	116.
21.6	59.0	6182.4	444.0	-37.7	-42.0	262.2	14.9	14.7	2.0	297.0	297.7	0.2	63.0	15.5	115.
21.9	60.0	6307.5	436.0	-38.7	-43.0	262.3	15.1	15.0	2.0	297.2	297.8	0.2	63.6	15.7	115.
22.4	61.0	6402.5	430.0	-39.7	-43.8	261.4	15.2	15.0	2.3	297.2	297.8	0.2	64.0	16.1	114.
22.8	62.0	6530.7	422.0	-40.4	99.9	259.9	15.1	14.9	2.6	298.0	999.9	99.9	999.9	16.4	113.
23.2	63.0	6644.5	415.0	-41.6	99.9	258.8	15.2	14.9	3.0	297.8	999.9	99.9	999.9	16.7	113.
23.7	64.0	6776.2	407.0	-42.8	99.9	258.5	15.6	15.3	3.1	297.9	999.9	99.9	999.9	17.1	112.
23.9	65.0	6859.4	402.0	-43.6	99.9	258.8	15.8	15.5	3.1	297.9	999.9	99.9	999.9	17.2	111.
24.5	66.0	6994.2	394.0	-44.9	99.9	259.6	16.2	16.0	2.9	297.9	999.9	99.9	999.9	17.7	111.
24.9	67.0	7113.8	387.0	-45.8	99.9	259.2	16.1	15.8	3.0	298.3	999.9	99.9	999.9	18.1	110.
25.3	68.0	7235.1	380.0	-46.7	99.9	258.5	15.6	15.3	3.1	298.6	999.9	99.9	999.9	18.4	109.
25.7	69.0	7358.2	373.0	-47.3	99.9	258.2	14.9	14.6	3.1	299.4	999.9	99.9	999.9	18.7	109.
26.1	70.0	7465.2	367.0	-48.5	99.9	258.3	14.3	14.0	2.9	299.3	999.9	99.9	999.9	19.0	108.
26.6	71.0	7609.8	359.0	-50.0	99.9	259.1	14.3	14.0	2.7	299.2	999.9	99.9	999.9	19.4	107.
27.1	72.0	7719.8	353.0	-50.7	99.9	259.2	15.0	14.7	2.8	299.6	999.9	99.9	999.9	19.7	107.
27.4	73.0	7831.3	347.0	-51.6	99.9	258.3	15.3	15.0	3.1	299.9	999.9	99.9	999.9	20.0	107.
27.8	74.0	7944.2	341.0	-52.7	99.9	256.3	15.5	15.1	3.7	299.9	999.9	99.9	999.9	20.4	106.
28.3	75.0	8058.6	335.0	-53.5	99.9	254.1	15.7	15.1	4.3	300.4	999.9	99.9	999.9	20.7	105.
28.6	76.0	8174.6	329.0	-54.6	99.9	253.3	15.8	15.1	4.5	300.4	999.9	99.9	999.9	21.0	105.
28.9	77.0	8292.2	323.0	-55.5	99.9	253.0	15.8	15.1	4.6	300.7	999.9	99.9	999.9	21.3	105.
29.4	78.0	8411.5	317.0	-56.5	99.9	252.1	16.0	15.2	4.9	301.0	999.9	99.9	999.9	21.6	104.
29.8	79.0	8532.4	311.0	-57.6	99.9	251.1	16.1	15.2	5.2	301.0	999.9	99.9	999.9	22.0	103.
30.3	80.0	8655.1	305.0	-58.5	99.9	250.7	16.1	15.2	5.3	301.5	999.9	99.9	999.9	22.4	103.
30.7	81.0	8779.9	299.0	-59.2	99.9	252.1	15.9	15.1	4.9	302.2	999.9	99.9	999.9	22.7	102.
31.3	82.0	8907.2	293.0	-58.3	99.9	256.6	15.8	15.4	3.6	305.2	999.9	99.9	999.9	23.2	101.
31.6	83.0	9015.9	288.0	-56.7	99.9	258.7	15.8	15.5	3.1	309.1	999.9	99.9	999.9	23.4	101.
31.9	84.0	9149.6	282.0	-56.2	99.9	259.9	16.0	15.7	2.8	311.7	999.9	99.9	999.9	23.7	101.
32.3	85.0	9263.4	277.0	-55.7	99.9	260.4	16.1	15.9	2.7	314.0	999.9	99.9	999.9	24.1	101.
32.7	86.0	9403.2	271.0	-54.9	99.9	260.0	16.5	16.2	2.8	317.1	999.9	99.9	999.9	24.4	100.
33.1	87.0	9522.3	266.0	-54.7	99.9	259.1	16.9	16.6	3.2	319.0	999.9	99.9	999.9	24.8	100.
33.4	88.0	9643.7	261.0	-54.6	99.9	258.1	17.2	16.8	3.5	321.0	999.9	99.9	999.9	25.2	100.
33.9	89.0	9767.6	256.0	-54.4	99.9	257.1	17.3	16.9	3.9	323.0	999.9	99.9	999.9	25.6	99.
34.3	90.0	9894.1	251.0	-54.2	99.9	257.2	17.4	17.0	3.8	325.1	999.9	99.9	999.9	26.0	99.
34.6	91.0	10023.1	246.0	-54.1	99.9	257.9	17.7	17.3	3.7	327.2	999.9	99.9	999.9	26.3	99.
34.9	92.0	10155.1	241.0	-53.5	99.9	259.2	18.6	18.3	3.5	330.1	999.9	99.9	999.9	26.6	98.
35.4	93.0	10290.1	236.0	-53.0	99.9	262.0	21.7	21.4	3.0	332.7	999.9	99.9	999.9	27.0	98.
35.6	94.0	10400.3	232.0	-53.1	99.9	262.9	22.8	22.6	2.8	334.1	999.9	99.9	999.9	27.3	98.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN C AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 532  
PEORIA, ILL

6 FEBRUARY 1975  
1448 GMT

157 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.1	140.0	17670.1	75.0	-56.7	99.9	264.5	21.2	21.1	2.0	454.2	999.9	99.9	999.9	60.6	90.
60.9	141.0	17929.1	72.0	-56.5	99.9	261.3	22.3	22.0	3.4	459.8	999.9	99.9	999.9	61.8	90.
61.7	142.0	18198.6	69.0	-57.5	99.9	260.0	22.8	22.5	4.0	463.3	999.9	99.9	999.9	62.9	90.
62.5	143.0	18384.3	67.0	-57.8	99.9	260.1	25.2	24.9	4.3	466.5	999.9	99.9	999.9	63.8	90.
63.3	144.0	18673.2	64.0	-57.8	99.9	265.5	28.1	28.0	2.2	472.7	999.9	99.9	999.9	65.3	89.
64.1	145.0	19080.0	60.0	-58.1	99.9	268.7	28.0	28.0	0.6	480.7	999.9	99.9	999.9	66.6	89.
64.8	146.0	19292.7	58.0	-59.7	99.9	267.1	23.8	23.7	1.2	482.0	999.9	99.9	999.9	67.8	89.
65.7	147.0	19623.9	55.0	-60.9	99.9	266.6	19.5	19.5	1.1	486.5	999.9	99.9	999.9	68.9	89.
66.5	148.0	19854.0	53.0	-61.3	99.9	270.9	20.0	20.0	-0.3	490.9	999.9	99.9	999.9	69.7	89.
67.4	149.0	20215.8	50.0	-61.1	99.9	274.9	20.4	20.3	-1.8	499.5	999.9	99.9	999.9	71.0	89.
68.3	150.0	20470.1	48.0	-59.9	99.9	277.8	23.7	23.5	-3.2	508.3	999.9	99.9	999.9	71.9	90.
69.4	151.0	20872.4	45.0	-60.7	99.9	283.3	25.9	25.2	-6.0	515.7	999.9	99.9	999.9	73.8	90.
70.4	152.0	21301.4	42.0	-61.1	99.9	278.2	19.7	19.5	-2.8	525.1	999.9	99.9	999.9	75.2	90.
71.7	153.0	21605.4	40.0	-59.7	99.9	272.7	23.6	23.6	-1.1	536.0	999.9	99.9	999.9	76.5	90.
72.7	154.0	22261.5	36.0	-61.4	99.9	266.7	22.3	22.2	1.3	547.8	999.9	99.9	999.9	78.3	90.
73.7	155.0	22614.3	34.0	-63.5	99.9	264.3	19.3	19.2	1.9	551.6	999.9	99.9	999.9	79.3	90.
74.8	156.0	22985.0	32.0	-65.4	99.9	269.0	20.5	20.5	0.4	556.1	999.9	99.9	999.9	80.6	90.
76.4	157.0	23582.9	29.0	-66.2	99.9	270.0	23.4	23.4	-0.0	569.8	999.9	99.9	999.9	82.6	90.
77.9	158.0	24249.4	26.0	-63.5	99.9	270.0	21.0	21.0	-0.0	595.5	999.9	99.9	999.9	84.9	90.
79.6	159.0	24741.4	24.0	-63.1	99.9	272.1	26.3	26.3	-1.0	610.4	999.9	99.9	999.9	86.7	90.
81.5	160.0	25869.6	20.0	-60.7	99.9	999.9	99.9	99.9	99.9	650.3	999.9	99.9	999.9	999.9	999.
83.4	161.0	26526.8	18.0	-59.7	99.9	999.9	99.9	99.9	99.9	673.5	999.9	99.9	999.9	999.9	999.





STATION NO. 532  
PEORIA, ILL

6 FEBRUARY 1975  
1746 GMT

125 115. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
31.3	95.0	9953.4	248.0	-53.1	99.9	265.9	19.9	19.9	1.4	327.9	999.9	99.9	999.9	26.9	98.
31.8	96.0	10084.7	243.0	-52.8	99.9	264.8	20.3	20.2	1.9	330.2	999.9	99.9	999.9	27.6	98.
32.3	97.0	10218.9	238.0	-52.8	99.9	263.0	20.2	20.1	2.5	332.2	999.9	99.9	999.9	28.1	97.
32.6	98.0	10355.9	233.0	-53.0	99.9	261.9	20.2	20.0	2.8	334.0	999.9	99.9	999.9	28.5	97.
32.9	99.0	10467.8	229.0	-51.9	99.9	261.1	20.5	20.3	3.2	337.3	999.9	99.9	999.9	28.9	97.
33.2	100.0	10610.9	224.0	-51.8	99.9	260.7	21.3	21.0	3.4	339.6	999.9	99.9	999.9	29.2	97.
33.7	101.0	10757.2	219.0	-52.2	99.9	260.1	22.9	22.5	3.9	341.1	999.9	99.9	999.9	29.8	96.
34.0	102.0	10906.8	214.0	-51.9	99.9	259.5	23.8	23.4	4.3	343.9	999.9	99.9	999.9	30.3	96.
34.4	103.0	11029.2	210.0	-51.5	99.9	257.2	23.7	23.2	5.2	346.4	999.9	99.9	999.9	30.8	96.
34.8	104.0	11153.9	206.0	-52.1	99.9	255.4	23.2	22.4	5.8	347.4	999.9	99.9	999.9	31.4	95.
35.1	105.0	11313.0	201.0	-52.1	99.9	255.1	22.9	22.1	5.9	349.8	999.9	99.9	999.9	31.8	95.
35.5	106.0	11443.1	197.0	-52.4	99.9	256.9	23.2	22.6	5.3	351.4	999.9	99.9	999.9	32.2	95.
35.9	107.0	11575.7	193.0	-52.5	99.9	260.4	25.0	24.7	4.2	353.2	999.9	99.9	999.9	32.7	94.
36.4	108.0	11710.9	189.0	-53.0	99.9	262.6	26.6	26.4	3.4	354.6	999.9	99.9	999.9	33.5	94.
36.6	109.0	11848.7	185.0	-53.6	99.9	263.0	26.8	26.6	3.3	355.8	999.9	99.9	999.9	33.9	94.
37.1	110.0	11953.8	182.0	-53.6	99.9	263.5	26.4	26.3	3.0	357.4	999.9	99.9	999.9	34.8	94.
37.7	111.0	12169.4	176.0	-53.6	99.9	265.5	26.6	26.6	2.1	360.9	999.9	99.9	999.9	35.5	94.
38.0	112.0	12280.0	173.0	-53.6	99.9	266.5	26.5	26.4	1.6	362.7	999.9	99.9	999.9	36.1	94.
38.4	113.0	12430.5	169.0	-53.4	99.9	265.5	23.7	23.6	1.9	365.4	999.9	99.9	999.9	36.9	93.
38.8	114.0	12545.7	166.0	-53.6	99.9	264.2	21.8	21.7	2.2	367.0	999.9	99.9	999.9	37.2	93.
39.4	115.0	12702.8	162.0	-53.1	99.9	264.7	22.9	22.8	2.1	370.3	999.9	99.9	999.9	37.8	93.
39.8	116.0	12905.0	157.0	-52.7	99.9	265.9	23.9	23.9	1.7	374.4	999.9	99.9	999.9	38.5	93.
40.2	117.0	13029.6	154.0	-52.7	99.9	266.2	23.1	23.1	1.5	376.5	999.9	99.9	999.9	39.2	93.
40.7	118.0	13156.5	151.0	-53.3	99.9	265.1	20.6	20.5	1.7	377.6	999.9	99.9	999.9	39.8	93.
41.1	119.0	13329.5	147.0	-53.1	99.9	264.3	19.9	19.8	2.0	380.8	999.9	99.9	999.9	40.1	93.
41.5	120.0	13462.3	144.0	-53.3	99.9	264.2	21.6	21.5	2.2	382.7	999.9	99.9	999.9	40.6	93.
41.9	121.0	13643.6	140.0	-53.6	99.9	264.4	24.4	24.3	2.4	385.3	999.9	99.9	999.9	41.3	93.
42.5	122.0	13782.7	137.0	-54.4	99.9	265.5	27.5	27.4	2.1	386.3	999.9	99.9	999.9	42.0	92.
42.8	123.0	13924.5	134.0	-54.7	99.9	267.0	26.9	26.9	1.4	388.2	999.9	99.9	999.9	42.7	92.
43.3	124.0	14069.4	131.0	-54.5	99.9	269.4	24.5	24.5	0.3	391.0	999.9	99.9	999.9	43.6	92.
43.8	125.0	14217.6	128.0	-55.0	99.9	271.3	20.2	20.2	-0.5	392.8	999.9	99.9	999.9	44.2	92.
44.3	126.0	14420.6	124.0	-54.8	99.9	269.9	20.4	20.4	0.0	396.6	999.9	99.9	999.9	44.7	92.
44.8	127.0	14577.2	121.0	-54.8	99.9	999.9	99.9	99.9	99.9	999.4	999.9	99.9	999.9	999.9	999.
45.4	128.0	14737.9	118.0	-54.4	99.9	999.9	99.9	99.9	99.9	403.2	999.9	99.9	999.9	999.9	999.
46.0	129.0	14903.0	115.0	-54.4	99.9	999.9	99.9	99.9	99.9	406.2	999.9	99.9	999.9	999.9	999.

STATION NO. 532  
PEORIA, ILL

6 FEBRUARY 1975  
2045 GMT

145 55. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	200.0	993.1	-10.6	-16.1	290.0	5.1	4.8	-1.7	263.2	266.1	1.1	64.0	0.0	0.
0.3	6.0	262.8	985.0	-12.7	-18.3	281.5	13.3	13.0	-2.7	261.7	264.1	0.9	62.9	0.3	103.
0.7	7.0	348.4	974.0	-13.3	-18.5	286.5	12.7	12.2	-3.6	261.9	264.3	0.9	64.7	0.4	102.
0.9	8.0	434.7	963.0	-14.1	-18.4	292.0	12.2	.3	-4.6	261.9	264.4	0.9	70.1	0.6	102.
1.3	9.0	529.8	951.0	-15.0	-18.1	299.4	11.3	.9	-5.6	262.0	264.6	1.0	77.0	0.9	109.
1.6	10.0	617.6	940.0	-16.1	-18.3	302.3	11.1	9.4	-5.9	261.8	264.3	1.0	82.6	1.0	112.
2.0	11.0	722.4	927.0	-16.9	-18.0	300.7	11.8	10.1	-5.0	262.0	264.6	1.0	91.5	1.3	112.
2.3	12.0	812.1	916.0	-16.4	-17.2	308.1	12.8	10.1	-7.9	263.4	266.3	1.1	93.2	1.5	114.
2.7	13.0	903.6	905.0	-13.0	-15.9	314.4	14.5	10.4	-10.1	267.8	271.0	1.2	78.8	1.8	117.
3.1	14.0	957.0	894.0	-12.5	-17.0	317.1	15.8	10.7	-11.6	269.3	272.3	1.1	68.4	2.2	121.
3.4	15.0	1091.6	883.0	-12.2	-17.4	317.1	15.7	10.7	-11.5	270.6	273.5	1.1	64.9	2.5	123.
3.9	16.0	1205.1	870.0	-12.2	-25.4	318.0	14.1	9.4	-10.5	271.6	273.2	0.6	32.2	2.9	125.
4.2	17.0	1302.3	859.0	-12.5	-25.6	318.3	13.4	8.9	-10.0	272.3	273.9	0.5	32.2	3.2	126.
4.6	18.0	1391.6	849.0	-13.3	-26.5	318.2	13.0	8.7	-9.7	272.4	273.8	0.5	31.9	3.5	127.
4.9	19.0	1481.7	839.0	-13.7	-27.2	317.8	12.8	8.6	-9.5	272.8	274.2	0.5	31.0	3.7	128.
5.3	20.0	1591.9	828.0	-14.3	-28.1	315.9	13.2	9.2	-9.5	273.3	274.6	0.5	29.6	4.0	128.
5.7	21.0	1692.9	816.0	-13.3	-28.2	311.8	14.0	10.4	-9.3	275.5	276.8	0.5	27.1	4.3	129.
6.0	22.0	1786.8	806.0	-12.9	-26.3	307.7	14.7	11.6	-9.0	276.9	278.4	0.5	29.9	4.6	129.
6.3	23.0	1891.5	795.0	-13.4	-26.2	301.2	14.0	11.9	-7.2	277.4	279.0	0.6	33.2	4.8	129.
6.6	24.0	1987.8	785.0	-13.9	-24.5	295.4	13.6	12.3	-3.8	277.9	279.9	0.7	39.8	5.1	128.
7.0	25.0	2085.1	775.0	-14.0	-24.4	290.6	13.7	12.8	-4.8	278.8	280.8	0.7	40.9	5.4	127.
7.4	26.0	2203.4	763.0	-15.0	-24.8	291.1	14.8	13.8	-5.3	279.0	280.9	0.7	42.7	5.7	126.
7.7	27.0	2303.4	753.0	-14.3	-26.5	290.6	15.4	14.4	-5.4	280.8	282.5	0.6	34.6	6.0	126.
8.1	28.0	2394.5	744.0	-14.7	-25.5	289.1	15.9	15.0	-5.2	281.3	283.2	0.6	38.9	6.4	125.
8.4	29.0	2497.0	734.0	-14.6	-16.9	287.4	16.2	15.4	-4.8	282.7	286.5	1.4	82.4	6.6	124.
8.8	30.0	2590.4	725.0	-15.4	-16.0	284.7	16.2	15.7	-4.1	282.7	286.7	1.4	87.8	7.0	123.
9.1	31.0	2695.2	715.0	-16.1	-16.7	282.6	16.2	15.8	-3.5	283.1	287.2	1.4	95.3	7.3	122.
9.5	32.0	2790.6	706.0	-16.4	-16.8	280.3	16.1	15.8	-2.9	283.8	287.9	1.4	96.3	7.7	121.
9.9	33.0	2898.0	696.0	-16.4	-16.9	279.5	16.1	15.9	-2.7	285.0	289.1	1.5	95.2	8.0	120.
10.2	34.0	2995.9	687.0	-17.0	-17.4	279.3	16.2	16.0	-2.6	285.3	289.3	1.4	97.1	8.3	119.
10.6	35.0	3094.9	678.0	-17.6	-18.3	279.2	16.4	16.2	-2.6	285.7	289.6	1.3	94.4	8.6	119.
11.0	36.0	3224.4	666.0	-18.0	-18.7	278.6	16.7	16.5	-2.5	286.7	290.5	1.3	94.0	9.0	118.
11.4	37.0	3330.0	657.0	-18.9	-19.7	277.2	16.7	16.6	-2.1	286.8	290.3	1.2	93.7	9.4	117.
11.6	38.0	3421.2	649.0	-19.4	-20.2	276.5	16.7	16.6	-1.9	287.3	290.7	1.2	92.9	9.6	117.
12.1	39.0	3536.6	639.0	-20.2	-21.0	274.6	16.5	16.5	-1.3	287.7	290.9	1.1	92.8	10.1	116.
12.4	40.0	3629.9	631.0	-20.4	-22.0	273.5	16.6	16.5	-1.0	288.4	291.4	1.0	87.5	10.3	115.
12.8	41.0	3760.0	620.0	-21.2	-23.4	272.6	16.9	16.9	-0.8	288.9	291.7	0.9	82.9	10.7	114.
13.2	42.0	3867.8	611.0	-21.8	-24.4	272.3	17.5	17.5	-0.7	289.5	292.1	0.9	79.3	11.1	113.
13.5	43.0	3977.0	602.0	-22.6	-25.7	272.3	18.1	18.1	-0.7	289.8	292.1	0.8	75.1	11.4	113.
13.8	44.0	4075.1	594.0	-23.1	-27.0	272.2	18.3	18.2	-0.7	290.3	292.4	0.7	70.0	11.7	112.
14.2	45.0	4186.9	585.0	-23.6	-29.1	271.5	18.2	18.2	-0.5	290.9	292.7	0.6	60.6	12.1	111.
14.4	46.0	4287.4	577.0	-24.2	-30.6	270.9	18.1	18.1	-0.3	291.4	293.0	0.5	54.8	12.4	111.
14.7	47.0	4389.1	569.0	-25.1	-31.6	269.8	17.9	17.9	0.1	291.5	293.0	0.5	54.1	12.6	111.
15.2	48.0	4504.8	560.0	-25.9	-32.6	268.3	17.9	17.8	0.5	291.9	293.3	0.4	52.8	13.1	110.
15.5	49.0	4608.9	552.0	-26.5	-33.8	267.8	18.1	18.0	0.7	292.3	293.6	0.4	49.7	13.4	109.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG







STATION NO. 532  
PEORIA, ILL

6 FEBRUARY 1975  
2045 GMT

145 55. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
56.4	140.0	17297.8	79.0	-56.3	99.9	277.0	23.5	23.3	-2.9	448.1	999.9	99.9	999.9	66.0	100.
57.1	141.0	17627.5	75.0	-56.7	99.9	280.4	25.1	24.7	-4.5	454.2	999.9	99.9	999.9	67.2	100.
57.8	142.0	17798.4	73.0	-58.0	99.9	278.8	21.0	20.8	-3.2	454.9	999.9	99.9	999.9	68.2	100.
58.6	143.0	18062.9	70.0	-58.0	99.9	271.8	20.1	20.1	-3.6	460.4	999.9	99.9	999.9	68.9	99.
59.3	144.0	18245.2	68.0	-59.0	99.9	272.5	24.5	24.5	-1.1	462.0	999.9	99.9	999.9	70.0	99.
60.0	145.0	18528.0	65.0	-59.3	99.9	271.7	21.3	21.3	-3.6	467.3	999.9	99.9	999.9	71.2	99.
60.7	146.0	18723.8	63.0	-59.2	99.9	260.6	13.1	13.0	2.1	471.9	999.9	99.9	999.9	71.7	99.
61.5	147.0	19029.9	60.0	-58.8	99.9	999.9	99.9	99.9	99.9	479.2	999.9	99.9	999.9	999.9	999.
62.1	148.0	19242.5	58.0	-59.3	99.9	999.9	99.9	99.9	99.9	482.8	999.9	99.9	999.9	999.9	999.
62.9	149.0	19574.8	55.0	-59.7	99.9	999.9	99.9	99.9	99.9	489.4	999.9	99.9	999.9	999.9	999.







STATION NO. 532  
PEORIA, ILL

6 FEBRUARY 1975  
2315 GMT

145 44. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.6	140.0	18592.4	64.0	-59.1	99.9	272.6	19.4	19.4	-0.9	469.8	999.9	99.9	999.9	83.1	96.
64.3	141.0	18892.5	61.0	-60.4	99.9	279.8	18.0	17.7	-3.0	473.6	999.9	99.9	999.9	84.2	96.
65.1	142.0	19100.3	59.0	-60.4	99.9	287.9	16.7	15.8	-5.1	478.1	999.9	99.9	999.9	84.6	97.
66.0	143.0	19425.3	56.0	-60.7	99.9	289.5	18.4	17.3	-5.1	484.5	999.9	99.9	999.9	86.0	97.
66.9	144.0	19537.2	55.0	-61.8	99.9	283.1	23.4	22.8	-5.3	484.5	999.9	99.9	999.9	86.5	97.
68.0	145.0	19883.8	52.0	-62.5	99.9	272.5	23.6	23.5	-1.0	490.6	999.9	99.9	999.9	88.6	97.
69.0	146.0	20126.0	50.0	-62.2	99.9	263.5	17.9	17.8	2.0	497.0	999.9	99.9	999.9	89.7	97.
70.1	147.0	20378.0	48.0	-62.5	99.9	278.2	18.9	18.7	-2.7	502.0	999.9	99.9	999.9	90.8	97.
71.0	148.0	20640.6	46.0	-62.5	99.9	999.9	99.9	99.9	99.9	508.1	999.9	99.9	999.9	999.9	999.
72.0	149.0	20913.8	44.0	-64.1	99.9	999.9	99.9	99.9	99.9	510.9	999.9	99.9	999.9	999.9	999.

STATION NO. 532  
PEORIA, ILL

7 FEBRUARY 1975  
550 GMT

159 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	200.0	997.0	-15.6	-18.8	270.0	3.6	3.6	0.0	257.9	260.1	0.9	76.0	0.0	0.
0.1	6.0	253.3	990.0	-14.8	-18.8	287.6	6.1	5.9	-1.9	259.2	261.5	0.9	71.3	0.2	97.
0.5	7.0	345.4	978.0	-16.2	-18.1	287.6	6.1	5.9	-1.9	258.7	261.2	0.9	84.8	0.2	97.
0.8	8.0	438.2	966.0	-16.7	-18.1	292.7	7.3	6.7	-2.8	259.1	261.5	0.9	88.6	0.3	101.
1.1	9.0	524.2	955.0	-17.4	-18.4	297.8	8.4	7.4	-3.9	259.3	261.7	0.9	91.6	0.5	104.
1.4	10.0	618.8	943.0	-18.4	-19.2	304.2	9.5	7.8	-5.3	259.2	261.5	0.9	93.1	0.6	109.
1.9	11.0	730.3	929.0	-19.3	-19.9	310.6	9.1	6.9	-5.9	259.4	261.6	0.8	94.8	0.9	115.
2.2	12.0	819.2	918.0	-17.5	-19.9	309.9	8.5	6.5	-5.4	262.1	264.3	0.9	81.3	1.1	118.
2.7	13.0	918.3	906.0	-14.6	-21.8	302.2	8.1	6.9	-4.3	266.0	268.0	0.7	54.4	1.3	119.
3.0	14.0	1002.6	896.0	-13.2	-24.3	296.5	8.7	7.7	-3.9	268.3	269.9	0.6	38.7	1.4	120.
3.3	15.0	1105.3	884.0	-13.4	-24.3	294.0	8.7	7.9	-3.5	269.2	270.8	0.6	39.2	1.6	119.
3.8	16.0	1218.0	871.0	-13.8	-24.5	289.5	7.7	7.3	-2.6	269.9	271.5	0.6	39.4	1.9	118.
4.1	17.0	1314.4	860.0	-14.5	-25.7	286.1	7.2	6.9	-2.0	270.1	271.7	0.6	40.4	2.0	117.
4.6	18.0	1411.7	849.0	-15.8	-25.6	284.1	8.3	8.0	-1.9	269.8	271.4	0.6	42.3	2.2	116.
4.9	19.0	1510.0	838.0	-16.4	-26.0	285.4	9.1	8.8	-2.4	270.1	271.6	0.5	43.1	2.4	115.
5.2	20.0	1609.2	827.0	-17.0	-27.4	289.2	10.0	9.4	-3.3	270.5	271.9	0.5	39.7	2.5	114.
5.7	21.0	1728.1	814.0	-17.3	-28.2	294.8	11.2	10.2	-4.7	271.4	272.8	0.5	37.6	2.9	114.
5.9	22.0	1820.7	804.0	-17.7	-24.4	296.3	11.7	10.4	-5.2	272.0	273.8	0.7	55.7	3.0	114.
6.2	23.0	1923.7	793.0	-18.4	-25.3	296.9	12.6	11.2	-5.7	272.3	274.1	0.6	54.2	3.2	114.
6.7	24.0	2018.3	783.0	-18.9	-27.7	295.0	14.0	12.7	-5.9	272.7	274.2	0.5	45.5	3.6	115.
6.9	25.0	2114.1	773.0	-18.9	-26.0	293.5	14.3	13.1	-5.7	273.7	275.4	0.6	53.1	3.8	115.
7.3	26.0	2240.2	760.0	-19.7	-26.5	291.8	14.6	13.6	-5.5	274.2	275.8	0.6	54.4	4.1	114.
7.7	27.0	2338.5	750.0	-20.4	-23.3	291.5	14.8	13.7	-5.4	274.5	276.7	0.8	77.2	4.5	114.
8.0	28.0	2437.8	740.0	-21.0	-26.9	291.8	14.8	13.8	-5.5	274.8	276.5	0.6	59.0	4.8	114.
8.4	29.0	2538.4	730.0	-20.6	-35.8	294.4	14.9	13.6	-6.2	276.3	277.0	0.2	24.1	5.1	114.
8.8	30.0	2630.3	721.0	-19.7	-35.4	297.8	15.5	13.7	-7.2	278.3	279.1	0.3	23.2	5.5	114.
9.1	31.0	2734.3	711.0	-18.4	-34.2	300.3	16.1	13.9	-8.1	280.9	281.8	0.3	23.1	5.7	114.
9.4	32.0	2829.4	702.0	-18.2	-34.1	302.0	17.0	14.4	-9.0	282.1	283.0	0.3	23.1	6.0	114.
9.8	33.0	2936.5	692.0	-18.4	-34.2	302.0	17.7	15.0	-9.4	283.1	284.0	0.3	23.1	6.5	115.
10.0	34.0	3045.2	682.0	-18.1	-34.0	301.6	17.9	15.3	-9.4	284.6	285.6	0.3	23.1	6.7	116.
10.4	35.0	3144.4	673.0	-18.6	-34.5	298.8	17.7	15.5	-8.5	285.1	286.0	0.3	23.1	7.1	116.
10.9	36.0	3267.2	662.0	-19.0	-34.8	296.1	17.3	15.5	-7.6	286.0	286.9	0.3	23.2	7.7	116.
11.2	37.0	3368.9	653.0	-19.8	-35.5	295.7	17.3	15.6	-7.5	286.2	287.0	0.3	23.2	8.0	116.
11.7	38.0	3483.2	643.0	-20.8	-36.3	296.5	17.6	15.8	-7.8	286.4	287.2	0.3	23.3	8.4	116.
12.0	39.0	3575.7	635.0	-21.4	-36.8	297.3	17.9	15.9	-8.2	286.6	287.4	0.3	23.3	8.8	116.
12.3	40.0	3692.6	625.0	-22.0	-35.8	297.9	18.1	16.0	-8.4	287.3	288.2	0.3	27.1	9.1	116.
12.9	41.0	3811.1	615.0	-22.8	-35.5	297.6	18.2	16.1	-8.4	287.7	288.7	0.3	29.8	9.8	116.
13.3	42.0	3919.1	606.0	-23.7	-32.7	296.2	18.4	16.5	-8.1	287.9	289.1	0.4	43.2	10.2	116.
13.8	43.0	4029.2	597.0	-24.5	-31.1	294.2	19.0	17.3	-7.8	288.2	289.7	0.5	53.8	10.8	116.
14.1	44.0	4151.1	587.0	-25.3	-30.3	293.3	19.4	17.8	-7.7	288.7	290.3	0.5	62.4	11.1	116.
14.6	45.0	4250.6	579.0	-26.2	-30.3	292.4	20.0	18.5	-7.6	288.7	290.3	0.5	67.8	11.7	116.
14.9	46.0	4351.1	571.0	-27.1	-30.7	291.7	20.2	18.7	-7.5	288.8	290.4	0.5	71.3	12.1	116.
15.3	47.0	4465.4	562.0	-27.9	-30.3	290.4	20.3	19.1	-7.1	289.2	290.9	0.5	80.0	12.6	116.
15.7	48.0	4568.3	554.0	-28.7	-30.5	288.8	20.5	19.4	-6.6	289.5	291.1	0.5	84.1	13.0	115.
16.0	49.0	4672.3	546.0	-29.4	-33.1	287.7	20.8	19.8	-6.3	289.9	291.2	0.4	70.0	13.4	115.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG







STATION NO. 532  
PEORIA, ILL

7 FEBRUARY 1975  
550 GMT

159 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.0	140.0	17526.3	76.0	-56.5	99.9	269.9	26.3	26.3	0.0	452.8	999.9	99.9	999.9	89.0	106.
65.9	141.0	17781.1	73.0	-58.0	99.9	268.3	20.7	20.7	0.6	454.9	999.9	99.9	999.9	90.4	106.
66.8	142.0	18045.4	70.0	-58.1	99.9	278.0	19.5	19.3	-2.7	460.0	999.9	99.9	999.9	91.5	106.
67.7	143.0	18227.5	68.0	-59.3	99.9	276.3	21.3	21.2	-2.4	461.3	999.9	99.9	999.9	92.5	106.
68.6	144.0	18509.8	65.0	-59.8	99.9	269.0	20.9	20.9	0.3	466.2	999.9	99.9	999.9	93.8	106.
69.7	145.0	18704.5	63.0	-61.1	99.9	273.9	19.6	19.5	-1.3	467.7	999.9	99.9	999.9	94.9	106.
70.6	146.0	19007.2	60.0	-61.6	99.9	274.6	19.7	19.6	-1.6	473.1	999.9	99.9	999.9	96.1	105.
71.7	147.0	19325.6	57.0	-60.9	99.9	271.4	23.3	23.3	-0.6	481.6	999.9	99.9	999.9	97.5	105.
72.7	148.0	19547.4	55.0	-61.4	99.9	280.6	21.3	20.9	-3.9	485.4	999.9	99.9	999.9	99.0	105.
73.7	149.0	19895.0	52.0	-61.8	99.9	279.2	15.4	15.2	-2.5	492.4	999.9	99.9	999.9	99.7	105.
74.8	150.0	20137.8	50.0	-61.9	99.9	264.9	14.2	14.2	1.3	497.5	999.9	99.9	999.9	100.9	105.
76.0	151.0	20390.2	48.0	-62.1	99.9	281.5	21.9	21.5	-4.4	502.9	999.9	99.9	999.9	102.2	105.
77.2	152.0	20788.1	45.0	-63.2	99.9	283.1	15.9	15.5	-3.6	509.7	999.9	99.9	999.9	103.1	105.
78.3	153.0	21067.8	43.0	-63.0	99.9	273.6	13.3	13.3	-0.8	516.8	999.9	99.9	999.9	104.5	105.
79.4	154.0	21360.7	41.0	-63.4	99.9	265.4	11.8	11.7	0.9	522.9	999.9	99.9	999.9	105.1	105.
80.6	155.0	21826.7	38.0	-64.2	99.9	273.9	18.7	18.6	-1.3	532.5	999.9	99.9	999.9	106.2	104.
82.4	156.0	22157.1	36.0	-64.9	99.9	269.9	20.1	20.1	0.0	538.9	999.9	99.9	999.9	107.9	104.
84.2	157.0	22505.1	34.0	-65.7	99.9	266.1	22.0	22.0	1.5	545.7	999.9	99.9	999.9	109.5	104.
85.8	158.0	22872.8	32.0	-66.5	99.9	272.0	25.0	24.9	-0.9	553.2	999.9	99.9	999.9	112.2	104.
87.6	159.0	23466.2	29.0	-68.3	99.9	278.4	25.1	24.8	-0.7	563.9	999.9	99.9	999.9	115.0	103.
89.0	160.0	23895.8	27.0	-67.5	99.9	274.2	21.6	21.5	-1.6	577.9	999.9	99.9	999.9	117.0	103.
91.0	161.0	24363.7	25.0	-63.8	99.9	283.5	29.7	28.9	-7.0	601.4	999.9	99.9	999.9	120.2	103.
93.2	162.0	25151.1	22.0	-61.9	99.9	280.9	14.8	14.6	-2.3	629.2	999.9	99.9	999.9	123.9	103.
95.8	163.0	25742.5	20.0	-60.7	99.9	999.9	99.9	99.9	99.9	650.4	999.9	99.9	999.9	999.9	999.







STATION NO. 532  
PEORIA, ILL

7 FEBRUARY 1975  
1115 GMT

165 20. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.2	140.0	16736.6	86.0	-60.2	99.9	283.2	22.9*	22.3	-5.2	429.6	999.9	99.9	999.9	102.4	118.
63.9	141.0	16957.8	83.0	-60.7	99.9	285.3	27.9*	26.9	-7.3	432.9	999.9	99.9	999.9	103.7	118.
64.7	142.0	17186.7	80.0	-61.1	99.9	279.8	27.5*	27.1	-4.7	436.8	999.9	99.9	999.9	105.0	118.
65.4	143.0	17344.0	78.0	-60.9	99.9	278.6	27.1*	26.8	-4.0	440.3	999.9	99.9	999.9	106.0	117.
66.2	144.0	17587.4	75.0	-61.8	99.9	278.8	24.3*	24.0	-3.7	443.4	999.9	99.9	999.9	107.3	117.
67.0	145.0	17755.1	73.0	-60.9	99.9	269.5	16.9*	16.9	0.4	448.7	999.9	99.9	999.9	108.4	117.
68.0	146.0	18017.1	70.0	-59.1	99.9	261.8	19.0*	18.8	2.7	457.9	999.9	99.9	999.9	108.8	117.
68.8	147.0	18198.3	68.0	-60.4	99.9	274.7	27.3*	27.2	-2.2	459.1	999.9	99.9	999.9	109.9	116.
69.6	148.0	18479.0	65.0	-61.1	99.9	279.5	26.0*	25.6	-4.3	463.5	999.9	99.9	999.9	111.4	116.
70.3	149.0	18672.8	63.0	-62.0	99.9	276.5	21.0*	20.8	-2.4	465.6	999.9	99.9	999.9	112.2	116.
71.3	150.0	18974.6	60.0	-62.0	99.9	279.7	29.2*	28.8	-4.9	472.2	999.9	99.9	999.9	113.4	116.
72.2	151.0	19184.3	58.0	-61.8	99.9	278.3	19.3*	19.1	-2.8	477.2	999.9	99.9	999.9	115.2	116.
73.2	152.0	19401.6	56.0	-61.8	99.9	280.7	16.2*	15.9	-3.0	482.0	999.9	99.9	999.9	115.6	115.
74.1	153.0	19626.9	54.0	-61.4	99.9	277.3	24.1*	24.0	-3.1	487.9	999.9	99.9	999.9	116.8	115.
75.0	154.0	19860.4	52.0	-62.5	99.9	266.2	24.2*	24.2	1.6	490.6	999.9	99.9	999.9	118.1	115.
75.9	155.0	20226.3	49.0	-63.3	99.9	264.7	24.1*	24.0	2.2	497.2	999.9	99.9	999.9	119.1	115.
76.8	156.0	20482.6	47.0	-63.1	99.9	264.7	19.1*	19.0	1.7	503.6	999.9	99.9	999.9	120.4	114.
77.9	157.0	20749.4	45.0	-64.2	99.9	267.1	15.8*	15.7	0.8	507.2	999.9	99.9	999.9	120.9	114.
78.9	158.0	21027.6	43.0	-64.2	99.9	281.5	24.7*	24.2	-4.9	513.8	999.9	99.9	999.9	122.3	114.
79.9	159.0	21318.9	41.0	-64.4	99.9	290.9	15.7*	14.7	-3.6	520.4	999.9	99.9	999.9	123.9	114.
81.2	160.0	21624.7	39.0	-64.4	99.9	290.2	16.2*	15.2	-3.6	527.9	999.9	99.9	999.9	124.4	114.
82.4	161.0	21947.1	37.0	-63.7	99.9	287.0	30.3*	29.0	-3.8	537.8	999.9	99.9	999.9	126.2	114.
83.7	162.0	22464.2	34.0	-65.0	99.9	285.6	26.5*	25.5	-7.1	547.4	999.9	99.9	999.9	128.9	114.
84.8	163.0	22832.4	32.0	-66.6	99.9	269.5	9.1*	9.1	0.1	552.7	999.9	99.9	999.9	129.9	114.
86.3	164.0	23222.6	30.0	-66.8	99.9	289.9	18.5*	17.4	-6.3	562.5	999.9	99.9	999.9	130.5	114.
87.7	165.0	23642.2	28.0	-64.2	99.9	291.1	27.4*	25.5	-9.9	580.9	999.9	99.9	999.9	132.7	114.
89.1	166.0	24096.9	26.0	-63.1	99.9	294.9	14.0*	12.7	-5.9	596.6	999.9	99.9	999.9	135.0	113.
91.2	167.0	24592.6	24.0	-60.4	99.9	291.6	8.9*	8.2	-3.3	618.4	999.9	99.9	999.9	136.2	114.
93.1	168.0	25132.4	22.0	-62.4	99.9	287.4	13.3*	12.7	-4.0	628.0	999.9	99.9	999.9	136.7	113.
95.6	169.0	25721.2	20.0	-62.2	99.9	999.9	99.9	99.9	99.9	645.9	999.9	99.9	999.9	999.9	999.









STATION NO. 553  
CMAHA, NEB

5 FEBRUARY 1975  
2315 GMT

144 38. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.7	142.0	18880.3	62.0	-60.3	99.9	272.3	16.5	16.5	-3.7	471.5	999.9	99.9	999.9	47.5	93.
61.8	143.0	19189.4	59.0	-60.5	99.9	274.1	18.7	18.6	-1.3	477.8	999.9	99.9	999.9	48.7	93.
62.9	144.0	19514.3	56.0	-60.8	99.9	281.3	19.0	18.7	-3.7	484.2	999.9	99.9	999.9	49.9	93.
64.1	145.0	19856.7	53.0	-60.8	99.9	284.9	19.3	18.6	-5.0	491.9	999.9	99.9	999.9	51.4	93.
65.3	146.0	20218.2	50.0	-61.9	99.9	288.4	17.4	16.5	-5.5	497.6	999.9	99.9	999.9	52.6	94.
66.8	147.0	20601.0	47.0	-61.9	99.9	288.8	15.4	14.6	-5.0	506.4	999.9	99.9	999.9	54.1	94.
68.2	148.0	21009.1	44.0	-61.9	99.9	299.0	13.7	11.9	-6.6	516.1	999.9	99.9	999.9	55.2	95.
69.8	149.0	21445.6	41.0	-62.3	99.9	999.9	99.9	99.9	99.9	525.7	999.9	99.9	999.9	999.9	999.
71.4	150.0	21913.4	38.0	-63.6	99.9	999.9	99.9	99.9	99.9	533.9	999.9	99.9	999.9	999.9	999.

STATION NO. 553  
CMAHA, NEB

6 FEBRUARY 1975  
609 GMT

135 77. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.0	400.0	975.3	-16.2	-21.6	330.0	10.3	5.2	-8.9	258.9	260.7	0.7	63.0	0.0	0.
0.3	9.0	472.0	966.0	-17.0	-19.7	999.9	99.9	99.9	99.9	258.8	260.9	0.8	79.5	999.9	999.
0.5	10.0	550.0	956.0	-18.1	-20.1	999.9	99.9	99.9	99.9	258.4	260.5	0.8	83.9	999.9	999.
0.7	11.0	652.2	943.0	-18.7	-20.3	999.9	99.9	99.9	99.9	258.9	261.0	0.8	86.9	999.9	999.
1.0	12.0	739.5	932.0	-19.6	-20.6	999.9	99.9	99.9	99.9	258.8	260.9	0.8	91.4	999.9	999.
1.3	13.0	819.5	922.0	-20.5	-20.9	999.9	99.9	99.9	99.9	258.6	260.7	0.8	96.5	999.9	999.
1.6	14.0	900.3	912.0	-20.4	-20.7	999.9	99.9	99.9	99.9	259.6	261.7	0.8	97.3	999.9	999.
1.9	15.0	982.0	902.0	-20.0	-20.3	999.9	99.9	99.9	99.9	260.8	263.0	0.8	97.6	999.9	999.
2.2	16.0	1081.9	890.0	-17.6	-17.8	999.9	99.9	99.9	99.9	264.4	267.2	1.1	98.2	999.9	999.
2.5	17.0	1175.1	879.0	-17.3	-17.5	999.9	99.9	99.9	99.9	265.6	268.5	1.1	98.3	999.9	999.
2.7	18.0	1260.9	869.0	-17.0	-17.2	999.9	99.9	99.9	99.9	266.8	269.8	1.1	98.3	999.9	999.
3.0	19.0	1348.0	859.0	-15.8	-15.9	999.9	99.9	99.9	99.9	269.0	272.4	1.3	98.8	999.9	999.
3.3	20.0	1436.6	849.0	-14.7	-14.8	343.1	12.1	3.5	-11.6	271.0	274.8	1.4	99.2	2.7	163.
3.7	21.0	1535.5	838.0	-14.3	-14.4	339.6	10.1	3.5	-9.4	272.5	276.5	1.5	99.3	3.0	163.
4.0	22.0	1617.6	829.0	-13.0	-13.1	337.1	8.8	3.4	-8.1	274.7	279.2	1.7	98.9	3.1	163.
4.4	23.0	1719.7	818.0	-12.0	-12.1	336.1	8.3	3.4	-7.6	276.8	281.8	1.8	99.1	3.3	162.
4.7	24.0	1813.9	808.0	-12.0	-12.2	335.2	8.3	3.5	-7.5	277.8	282.8	1.9	98.6	3.5	162.
5.0	25.0	1909.2	798.0	-12.4	-12.7	334.3	8.5	3.7	-7.6	278.3	283.2	1.8	98.0	3.6	162.
5.3	26.0	2015.3	787.0	-12.4	-12.7	332.7	7.8	3.6	-6.9	279.4	284.4	1.8	97.5	3.8	161.
5.6	27.0	2113.0	777.0	-13.0	-13.5	328.4	7.1	3.7	-6.0	279.8	284.6	1.7	96.1	3.9	161.
5.9	28.0	2201.8	768.0	-13.3	-13.6	317.6	6.3	4.3	-4.7	280.5	285.2	1.7	97.4	4.0	161.
6.3	29.0	2291.5	759.0	-13.8	-14.1	297.5	5.8	5.1	-2.7	280.8	285.5	1.7	98.3	4.2	159.
6.5	30.0	2392.2	749.0	-14.5	-14.8	286.4	5.8	5.6	-1.6	281.1	285.6	1.6	98.2	4.2	159.
6.9	31.0	2483.8	740.0	-14.8	-15.0	283.5	6.3	6.0	-2.0	281.8	286.2	1.6	98.1	4.3	157.
7.3	32.0	2576.4	731.0	-15.4	-15.5	291.9	7.2	6.7	-2.7	282.1	286.5	1.6	98.6	4.3	156.
7.5	33.0	2659.6	723.0	-15.0	-15.1	293.6	7.8	7.1	-3.1	283.5	288.0	1.6	98.6	4.4	155.
7.8	34.0	2765.3	713.0	-13.8	-14.0	295.7	8.5	7.6	-3.7	285.9	291.0	1.8	99.1	4.6	154.
8.2	35.0	2862.0	704.0	-13.1	-13.3	297.3	9.3	8.2	-4.3	287.7	293.2	1.9	98.9	4.8	152.
8.7	36.0	2982.1	693.0	-13.4	-13.6	298.2	10.0	8.8	-4.7	288.7	294.1	1.9	98.4	5.0	150.
9.2	37.0	3081.5	684.0	-13.8	-14.1	298.8	10.7	9.4	-5.2	289.3	294.6	1.9	97.8	5.2	148.
9.5	38.0	3170.9	676.0	-14.5	-14.9	298.9	11.2	9.8	-5.4	289.5	294.5	1.8	97.2	5.4	147.
9.9	39.0	3272.4	667.0	-15.1	-15.4	297.5	11.6	10.3	-5.4	289.9	294.9	1.7	97.1	5.7	146.
10.2	40.0	3375.0	658.0	-15.9	-16.5	296.4	11.9	10.7	-5.3	290.1	294.7	1.6	94.6	5.9	145.
10.5	41.0	3490.5	648.0	-16.1	-16.9	295.1	12.2	11.0	-5.2	291.2	295.8	1.6	93.1	6.0	144.
10.8	42.0	3584.0	640.0	-17.0	-18.1	295.0	12.5	11.3	-5.3	291.2	295.3	1.4	90.9	6.2	143.
11.2	43.0	3714.0	629.0	-17.6	-19.0	295.9	13.0	11.7	-5.6	292.0	295.9	1.3	88.4	6.5	142.
11.5	44.0	3757.7	622.0	-18.4	-20.2	297.1	13.3	11.9	-6.1	291.9	295.6	1.2	85.3	6.7	141.
11.7	45.0	3894.3	614.0	-18.9	-21.5	298.2	13.4	11.8	-6.3	292.4	295.7	1.1	79.9	6.9	140.
12.0	46.0	4016.4	604.0	-19.9	-23.1	299.8	13.6	11.8	-6.7	292.7	295.6	1.0	75.3	7.1	139.
12.3	47.0	4127.7	595.0	-20.7	-24.0	301.4	13.4	11.5	-7.0	293.0	295.7	0.9	74.4	7.3	139.
12.6	48.0	4227.7	587.0	-21.2	-24.6	302.9	13.3	11.2	-7.2	293.5	296.1	0.9	73.7	7.6	138.
12.9	49.0	4316.2	580.0	-22.0	-26.0	304.2	13.2	10.9	-7.4	293.5	295.9	0.8	69.7	7.8	138.
13.2	50.0	4418.2	572.0	-22.7	-27.2	304.8	13.0	10.7	-7.4	293.9	296.1	0.7	66.3	8.0	138.
13.5	51.0	4547.4	562.0	-23.7	-29.1	305.0	12.9	10.6	-7.4	294.1	296.0	0.6	60.9	8.3	137.
13.8	52.0	4665.1	553.0	-24.8	-29.9	304.2	12.8	10.6	-7.2	294.2	296.0	0.6	62.1	8.5	137.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG













STATION NO. 553  
CMAHA, NEB

6 FEBRUARY 1975  
1115 GMT

155 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.9	142.0	18161.2	69.0	-58.1	99.9	285.6	19.8	19.1	-5.3	462.0	999.9	99.9	999.9	61.9	119.
66.9	143.0	18441.2	66.0	-58.1	99.9	285.7	20.7	20.0	-5.6	467.9	999.9	99.9	999.9	62.9	119.
68.0	144.0	18734.2	63.0	-58.1	99.9	283.0	20.4	19.4	-6.3	474.2	999.9	99.9	999.9	64.3	119.
69.1	145.0	19041.0	60.0	-59.0	99.9	289.8	19.9	18.7	-5.7	478.9	999.9	99.9	999.9	65.8	119.
70.3	146.0	19362.7	57.0	-59.1	99.9	292.5	14.9	13.8	-5.7	485.6	999.9	99.9	999.9	66.9	119.
71.7	147.0	19701.5	54.0	-59.3	99.9	294.3	18.0	16.4	-7.4	492.8	999.9	99.9	999.9	68.1	119.
73.0	148.0	20059.1	51.0	-59.8	99.9	282.9	12.8	12.5	-2.9	499.7	999.9	99.9	999.9	69.8	118.
74.6	149.0	20308.0	49.0	-61.6	99.9	283.1	14.6	14.2	-3.3	501.1	999.9	99.9	999.9	70.6	118.
76.0	150.0	20698.7	46.0	-62.4	99.9	291.2	18.2	16.9	-6.6	508.5	999.9	99.9	999.9	72.0	118.
77.2	151.0	21113.0	43.0	-64.5	99.9	290.2	19.2	18.0	-6.6	513.2	999.9	99.9	999.9	73.4	118.
78.6	152.0	21554.6	40.0	-64.9	99.9	288.8	19.9	18.8	-6.4	523.0	999.9	99.9	999.9	74.9	118.
80.0	153.0	22029.4	37.0	-65.7	99.9	288.2	23.9	22.7	-7.5	532.7	999.9	99.9	999.9	77.1	117.
81.7	154.0	22366.4	35.0	-66.5	99.9	289.1	21.4	20.2	-7.0	539.1	999.9	99.9	999.9	78.8	117.
83.3	155.0	22909.7	32.0	-65.9	99.9	289.0	25.9	24.5	-8.4	554.8	999.9	99.9	999.9	81.2	117.
85.2	156.0	23509.7	29.0	-64.3	99.9	298.7	24.2	21.2	-11.6	575.0	999.9	99.9	999.9	84.4	117.
87.2	157.0	24180.2	26.0	-62.8	99.9	294.7	24.2	22.0	-10.1	597.5	999.9	99.9	999.9	87.0	117.
89.0	158.0	24671.5	24.0	-64.5	99.9	274.3	16.3	16.2	-1.2	606.4	999.9	99.9	999.9	89.1	117.
91.4	159.0	25485.7	21.0	-65.5	99.9	275.6	27.8	27.6	-2.7	627.0	999.9	99.9	999.9	91.4	116.
94.2	160.0	26425.3	18.0	-64.7	99.9	284.2	22.3	21.7	-5.5	657.8	999.9	99.9	999.9	96.0	115.
97.6	161.0	27543.8	15.0	-62.8	99.9	999.9	99.9	99.9	99.9	699.3	999.9	99.9	999.9	999.9	999.

STATION NO. 553  
CMAHA, NEB

6 FEBRUARY 1975  
1500 GMT

149 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	400.0	975.7	-18.4	-23.2	300.0	3.6	3.1	-1.8	256.6	258.2	0.6	66.0	0.0	0.
0.1	8.0	413.0	974.0	-18.6	-22.9	999.9	99.9	99.9	99.9	256.5	258.2	0.6	69.4	999.9	999.
0.4	9.0	497.7	963.0	-18.9	-23.0	999.9	99.9	99.9	99.9	257.1	258.7	0.6	70.0	999.9	999.
0.6	10.0	583.3	952.0	-18.9	-23.3	999.9	99.9	99.9	99.9	257.9	259.6	0.6	68.0	999.9	999.
1.0	11.0	693.6	938.0	-18.9	-23.6	999.9	99.9	99.9	99.9	259.0	260.6	0.6	66.1	999.9	999.
1.3	12.0	781.5	927.0	-19.0	-24.4	999.9	99.9	99.9	99.9	259.8	261.3	0.6	62.3	999.9	999.
1.6	13.0	870.6	916.0	-17.9	-25.0	335.7	14.2	5.9	-13.0	261.8	263.2	0.5	53.9	1.2	146.
1.9	14.0	961.2	905.0	-16.4	-25.8	334.9	15.1	6.4	-13.6	264.2	265.6	0.5	44.0	1.4	147.
2.2	15.0	1044.8	895.0	-16.2	-25.3	334.9	15.6	6.6	-14.1	265.3	266.8	0.5	45.1	1.7	149.
2.6	16.0	1163.4	881.0	-16.4	-24.8	335.5	15.7	6.5	-14.3	266.3	267.8	0.6	48.2	2.1	150.
2.9	17.0	1249.3	871.0	-16.7	-30.7	336.1	14.9	6.1	-13.7	266.8	267.8	0.3	28.3	2.4	150.
3.2	18.0	1344.7	860.0	-16.9	-33.0	337.0	14.0	5.5	-12.9	267.6	268.4	0.3	23.0	2.6	151.
3.5	19.0	1441.4	849.0	-16.7	-33.9	338.1	13.1	4.9	-12.1	268.8	269.5	0.3	20.9	2.9	152.
3.8	20.0	1530.4	839.0	-16.6	-31.9	335.2	14.0	5.9	-12.8	269.8	270.7	0.3	25.0	3.1	152.
4.2	21.0	1638.8	827.0	-16.2	-30.1	331.0	14.7	7.1	-12.9	271.4	272.5	0.4	28.7	3.4	152.
4.4	22.0	1739.7	816.0	-15.8	-33.5	328.5	14.7	7.7	-12.6	272.8	273.6	0.3	20.0	3.6	152.
4.7	23.0	1832.7	806.0	-15.9	-34.3	324.9	13.8	7.9	-11.3	273.7	274.4	0.3	18.6	3.9	152.
5.0	24.0	1926.7	796.0	-16.0	-35.2	320.6	12.3	7.8	-9.5	274.5	275.2	0.2	17.3	4.1	151.
5.3	25.0	2022.1	786.0	-15.5	-32.2	316.4	12.0	8.3	-8.7	276.1	277.0	0.3	22.1	4.3	151.
5.7	26.0	2138.4	774.0	-14.8	-29.5	309.9	11.7	9.0	-7.5	278.0	279.3	0.4	27.2	4.6	150.
6.0	27.0	2236.8	764.0	-14.6	-31.0	304.6	11.7	9.6	-6.6	279.2	280.3	0.4	23.3	4.8	149.
6.3	28.0	2336.7	754.0	-14.1	-32.2	304.3	12.9	10.7	-7.3	280.9	281.9	0.3	19.8	5.0	148.
6.6	29.0	2438.1	744.0	-13.8	-33.2	304.0	14.0	11.6	-7.8	282.3	283.2	0.3	17.5	5.2	146.
6.9	30.0	2530.5	735.0	-13.9	-27.0	303.9	14.7	12.2	-8.2	283.1	284.8	0.6	31.9	5.5	145.
7.3	31.0	2634.5	725.0	-14.4	-25.1	304.1	15.1	12.5	-8.4	283.8	285.8	0.7	39.4	5.8	144.
7.5	32.0	2739.7	715.0	-14.9	-25.8	304.2	15.1	12.5	-8.5	284.3	286.2	0.6	38.7	6.0	143.
7.8	33.0	2835.5	706.0	-15.3	-26.6	304.1	14.9	12.4	-8.4	284.9	286.7	0.6	37.2	6.3	143.
8.1	34.0	2943.1	696.0	-16.0	-31.0	303.8	14.8	12.3	-8.3	285.2	286.4	0.4	24.6	6.5	142.
8.5	35.0	3041.0	687.0	-16.7	-26.4	303.3	15.2	12.7	-8.3	285.6	287.5	0.6	42.6	6.8	141.
8.7	36.0	3162.0	676.0	-17.8	-25.7	302.7	15.6	13.1	-8.4	285.7	287.7	0.7	45.8	7.0	141.
9.1	37.0	3262.2	667.0	-18.2	-25.2	301.5	16.3	13.9	-8.5	286.3	288.5	0.7	53.8	7.4	140.
9.4	38.0	3375.0	657.0	-18.9	-25.7	300.4	16.7	14.4	-8.4	286.8	288.9	0.7	54.5	7.7	139.
9.6	39.0	3466.0	649.0	-20.0	-27.2	299.8	16.8	14.6	-8.4	286.6	288.4	0.6	52.3	7.9	138.
10.0	40.0	3569.6	640.0	-20.2	-29.3	298.7	16.9	14.8	-8.1	287.4	288.9	0.5	43.2	8.2	137.
10.4	41.0	3698.0	629.0	-20.5	-37.5	297.6	16.8	14.9	-7.8	288.5	289.2	0.2	19.5	8.6	137.
10.7	42.0	3804.6	620.0	-20.6	-50.9	296.2	16.8	15.1	-7.4	289.5	289.7	0.1	4.7	8.9	136.
11.2	43.0	3912.6	611.0	-21.6	-45.4	293.7	16.8	15.4	-6.8	289.6	290.0	0.1	9.3	9.4	135.
11.5	44.0	4021.8	602.0	-22.2	-45.1	292.2	16.9	15.7	-6.4	290.1	290.5	0.1	10.4	9.7	134.
11.9	45.0	4119.9	594.0	-23.2	-46.2	291.6	17.1	15.9	-5.3	290.1	290.4	0.1	10.0	10.0	133.
12.3	46.0	4231.5	585.0	-24.0	-47.2	291.4	17.4	16.2	-6.4	290.5	290.8	0.1	9.5	10.4	132.
12.6	47.0	4331.9	577.0	-24.6	-46.7	291.2	17.8	16.6	-6.4	290.8	291.2	0.1	10.7	10.7	132.
12.9	48.0	4446.1	568.0	-25.7	-47.1	290.5	18.3	17.2	-6.4	290.9	291.2	0.1	11.3	11.0	131.
13.3	49.0	4548.9	560.0	-25.9	-48.5	289.0	19.1	18.1	-6.2	291.8	292.0	0.1	9.8	11.4	130.
13.6	50.0	4652.9	552.0	-26.5	-49.0	287.8	19.6	18.7	-6.0	292.3	292.6	0.1	9.8	11.8	130.
14.0	51.0	4784.9	542.0	-27.0	-48.9	286.1	19.9	19.1	-5.5	293.3	293.5	0.1	10.4	12.2	129.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG





STATION NO. 553  
CMAHA, NEB

6 FEBRUARY 1975  
1500 GMT

149 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
60.8	142.0	18485.8	66.0	-59.7	99.9	296.4	18.7	16.8	-6.3	464.5	999.9	99.9	999.9	68.8	126.
61.9	143.0	18777.6	63.0	-58.3	99.9	295.9	19.8	17.8	-3.7	473.7	999.9	99.9	999.9	69.6	126.
62.9	144.0	19085.6	60.0	-57.0	99.9	295.2	20.8	18.8	-9.8	483.3	999.9	99.9	999.9	71.5	125.
63.8	145.0	19410.1	57.0	-57.3	99.9	287.6	18.4	17.5	-5.6	489.7	999.9	99.9	999.9	72.2	125.
64.7	146.0	19750.6	54.0	-59.0	99.9	278.6	17.1	16.9	-2.6	493.5	999.9	99.9	999.9	73.3	125.
65.7	147.0	20107.6	51.0	-60.9	99.9	278.5	16.5	16.3	-2.4	497.2	999.9	99.9	999.9	74.1	125.
66.9	148.0	20484.7	48.0	-60.7	99.9	292.5	27.1	25.0	-10.4	506.3	999.9	99.9	999.9	75.6	124.
68.1	149.0	20886.0	45.0	-61.1	99.9	294.3	19.7	18.0	-6.1	514.9	999.9	99.9	999.9	77.6	124.
69.0	150.0	21313.8	42.0	-61.9	99.9	283.6	10.3	10.0	-2.4	523.0	999.9	99.9	999.9	78.2	124.
70.0	151.0	21615.0	40.0	-62.9	99.9	298.9	18.7	16.4	-9.0	528.0	999.9	99.9	999.9	78.7	124.
71.5	152.0	22095.2	37.0	-62.9	99.9	296.3	22.0	19.8	-9.8	539.9	999.9	99.9	999.9	81.0	124.
73.1	153.0	22616.5	34.0	-62.5	99.9	291.0	18.5	17.3	-6.6	554.1	999.9	99.9	999.9	82.4	123.
74.4	154.0	23184.5	31.0	-64.0	99.9	999.9	99.9	99.9	99.9	565.0	999.9	99.9	999.9	999.9	999.
75.8	155.0	23806.2	28.0	-65.3	99.9	999.9	99.9	99.9	99.9	578.0	999.9	99.9	999.9	999.9	999.

STATION NO. 553  
CMAHA, NEB

6 FEBRUARY 1975  
1800 GMT

148 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	400.0	975.8	-13.4	-18.5	310.0	5.1	3.9	-5.3	261.7	264.1	0.9	65.0	0.0	0.
0.2	8.0	414.0	974.0	-14.6	-19.8	297.6	3.6	3.2	-1.7	260.6	262.8	0.8	64.3	0.3	111.
0.4	9.0	499.7	963.0	-16.7	-23.2	297.6	3.6	3.2	-1.7	259.3	261.0	0.6	56.9	0.3	111.
0.6	10.0	585.9	952.0	-17.8	-23.6	301.4	4.0	3.4	-2.1	259.1	260.7	0.6	59.8	0.3	111.
1.0	11.0	696.6	938.0	-18.6	-23.9	311.0	5.8	4.4	-3.8	259.4	260.9	0.6	62.4	0.4	112.
1.3	12.0	776.4	928.0	-19.4	-24.5	317.4	8.3	5.6	-6.1	259.3	260.8	0.6	63.7	0.5	119.
1.6	13.0	865.2	917.0	-18.8	-25.0	320.1	10.6	6.8	-8.1	260.8	262.1	0.5	53.6	0.7	124.
1.9	14.0	955.6	906.0	-15.8	-26.6	320.5	12.4	7.9	-9.6	264.7	266.1	0.5	39.0	0.9	128.
2.3	15.0	1047.7	895.0	-15.8	-29.6	319.9	13.9	9.0	-10.7	265.7	266.7	0.4	29.4	1.2	131.
2.6	16.0	1158.2	882.0	-15.1	-32.6	319.9	14.3	9.2	-10.9	267.5	268.3	0.3	20.8	1.5	133.
2.9	17.0	1253.1	871.0	-14.9	-34.5	321.1	13.4	8.4	-10.5	268.7	269.4	0.2	16.7	1.7	134.
3.3	18.0	1340.5	861.0	-14.6	-35.0	321.8	12.5	7.8	-9.9	269.9	270.5	0.2	14.8	2.0	135.
3.6	19.0	1437.9	850.0	-14.6	-38.7	322.0	12.1	7.4	-9.5	270.9	271.3	0.2	10.7	2.3	136.
3.8	20.0	1527.5	840.0	-14.9	-38.0	322.0	11.9	7.3	-9.4	271.5	272.0	0.2	11.8	2.4	136.
4.2	21.0	1636.2	828.0	-15.4	-38.0	321.0	11.9	7.5	-9.2	272.0	272.6	0.2	12.4	2.7	137.
4.5	22.0	1737.1	817.0	-16.0	-35.7	319.4	12.1	7.9	-9.2	272.5	273.2	0.2	16.4	2.9	137.
4.7	23.0	1829.8	807.0	-16.4	-33.8	319.1	11.9	7.8	-9.0	273.0	273.8	0.3	20.5	3.0	137.
5.0	24.0	1923.5	797.0	-16.8	-34.1	318.6	11.7	7.7	-9.8	273.6	274.3	0.3	20.5	3.3	137.
5.4	25.0	2018.3	787.0	-16.8	-35.6	321.4	11.5	7.2	-9.0	274.5	275.2	0.2	17.4	3.5	137.
5.6	26.0	2133.6	775.0	-17.5	-39.0	320.3	11.7	7.5	-9.0	275.0	275.5	0.2	12.1	3.7	137.
5.9	27.0	2230.8	765.0	-17.6	-41.7	315.5	12.6	8.9	-9.0	275.9	276.3	0.1	10.0	3.9	138.
6.3	28.0	2329.3	755.0	-17.5	-42.1	309.6	13.6	10.5	-8.7	277.1	277.5	0.1	9.5	4.2	137.
6.6	29.0	2419.2	746.0	-17.2	-41.4	307.3	14.3	11.4	-8.6	278.3	278.7	0.1	10.0	4.4	137.
6.9	30.0	2520.3	736.0	-17.2	-40.5	308.5	15.0	11.8	-9.3	279.4	279.9	0.1	11.0	4.7	136.
7.3	31.0	2612.6	727.0	-17.3	-39.4	309.4	15.9	12.3	-10.1	280.2	280.8	0.2	12.6	5.1	135.
7.6	32.0	2716.2	717.0	-17.9	-36.6	309.9	16.4	12.6	-10.5	280.8	281.5	0.2	17.5	5.4	135.
8.0	33.0	2821.2	707.0	-18.3	-38.5	310.2	16.9	12.9	-10.9	281.4	282.0	0.2	15.2	5.8	135.
8.4	34.0	2906.1	699.0	-18.6	-42.9	310.0	17.2	13.1	-11.0	282.0	282.4	0.1	9.6	6.2	135.
8.7	35.0	3013.5	689.0	-18.8	-35.2	309.6	17.3	13.3	-11.0	282.9	283.8	0.3	22.0	6.5	134.
9.2	36.0	3123.3	678.0	-19.5	-33.5	308.5	17.7	13.8	-11.0	283.5	284.5	0.3	27.4	7.0	134.
9.6	37.0	3232.4	669.0	-20.3	-28.3	307.4	18.1	14.4	-11.0	283.7	285.3	0.5	48.7	7.4	134.
9.9	38.0	3332.6	660.0	-20.9	-26.5	306.4	18.6	14.9	-11.0	284.2	286.1	0.7	60.3	7.7	133.
10.3	39.0	3434.2	651.0	-20.5	-23.1	305.0	18.9	15.5	-10.8	285.8	288.4	0.9	79.2	8.2	133.
10.6	40.0	3537.3	642.0	-20.6	-23.0	303.7	19.0	15.8	-10.5	286.8	289.4	0.9	76.3	8.6	133.
11.1	41.0	3665.1	631.0	-21.0	-24.4	301.2	19.0	16.3	-9.9	287.7	290.2	0.8	73.9	9.1	132.
11.4	42.0	3771.2	622.0	-21.5	-25.2	299.8	19.3	16.8	-9.6	288.3	290.6	0.8	72.1	9.4	132.
11.7	43.0	3878.5	613.0	-21.9	-25.4	298.9	19.7	17.3	-9.5	289.0	291.3	0.8	71.9	9.8	131.
12.1	44.0	3975.2	605.0	-22.5	-26.1	298.3	20.2	17.8	-9.6	289.5	291.7	0.7	71.8	10.3	131.
12.4	45.0	4085.2	596.0	-22.9	-26.4	298.4	20.5	18.0	-9.7	290.3	292.5	0.7	72.5	10.6	130.
12.6	46.0	4196.5	587.0	-23.9	-27.4	298.4	20.6	18.2	-9.8	290.3	292.4	0.7	72.9	10.9	130.
13.0	47.0	4296.6	579.0	-24.6	-27.4	298.4	20.9	18.4	-9.9	290.7	292.8	0.7	76.9	11.3	129.
13.3	48.0	4397.9	571.0	-24.7	-27.0	297.8	21.0	18.5	-9.8	291.7	293.8	0.7	76.7	11.7	129.
13.6	49.0	4513.4	562.0	-25.4	-28.7	297.1	21.0	18.7	-9.5	292.2	294.3	0.7	77.9	12.1	129.
13.9	50.0	4617.5	554.0	-25.8	-28.7	296.1	20.8	18.7	-9.1	292.9	294.9	0.6	75.9	12.5	128.
14.3	51.0	4749.2	544.0	-26.7	-29.9	295.0	20.8	18.9	-8.8	293.4	295.2	0.6	73.8	12.9	128.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG







STATION NO. 553  
CHAMA, NEB

6 FEBRUARY 1975  
1800 GMT

148 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
61.5	142.0	18793.7	63.0	-57.4	99.9	289.2	20.4	19.2	-6.7	475.7	999.9	99.9	999.9	81.7	121.
62.6	143.0	19101.7	60.0	-57.9	99.9	275.1	13.4	13.4	-1.2	481.3	999.9	99.9	999.9	82.9	120.
63.9	144.0	19425.0	57.0	-58.1	99.9	274.4	16.6	16.5	-1.3	488.0	999.9	99.9	999.9	83.8	120.
65.1	145.0	19764.7	54.0	-59.2	99.9	281.8	15.0	14.7	-3.1	492.9	999.9	99.9	999.9	84.5	120.
66.3	146.0	20122.1	51.0	-60.1	99.9	293.2	18.2	16.7	-7.1	499.0	999.9	99.9	999.9	86.1	120.
67.6	147.0	20628.8	47.0	-62.6	99.9	295.7	16.7	15.0	-7.2	504.8	999.9	99.9	999.9	87.5	120.
69.0	148.0	21036.1	44.0	-62.1	99.9	292.2	19.4	17.9	-7.3	515.8	999.9	99.9	999.9	88.5	119.
70.2	149.0	21473.0	41.0	-61.9	99.9	293.2	17.2	15.8	-6.8	526.7	999.9	99.9	999.9	90.3	119.
71.6	150.0	21942.0	38.0	-63.0	99.9	278.0	14.0	13.8	-1.9	535.5	999.9	99.9	999.9	90.9	119.
73.0	151.0	22445.5	35.0	-65.3	99.9	295.3	20.8	18.8	-1.9	542.3	999.9	99.9	999.9	92.3	119.
74.5	152.0	23186.9	31.0	-63.9	99.9	293.5	20.4	18.7	-9.1	565.1	999.9	99.9	999.9	94.6	119.
76.4	153.0	23809.0	28.0	-65.1	99.9	310.5	11.1	8.4	-7.2	578.6	999.9	99.9	999.9	96.5	119.
78.3	154.0	24499.8	25.0	-65.1	99.9	999.9	99.9	99.9	99.9	597.7	999.9	99.9	999.9	999.9	999.

STATION NO. 553  
CMAHA, NEB

6 FEBRUARY 1975  
2100 GMT

155 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	8.1	400.0	973.4	-10.4	-16.7	280.0	6.7	6.6	-1.2	264.9	267.8	1.1	61.0	0.0	0.
0.3	9.0	482.3	963.0	-12.9	-20.1	284.7	6.2	6.0	-1.6	263.2	265.3	0.8	54.2	0.3	100.
0.5	10.0	569.8	952.0	-13.7	-20.4	284.7	6.2	6.0	-1.6	263.2	265.3	0.8	56.9	0.3	100.
1.0	11.0	674.2	939.0	-14.3	-20.4	295.7	7.3	7.0	-2.0	263.7	265.8	0.8	59.7	0.5	102.
1.3	12.0	763.5	928.0	-15.1	-21.5	296.7	8.8	7.9	-1.0	263.7	265.7	0.7	57.9	0.6	103.
1.6	13.0	845.4	918.0	-15.5	-22.1	305.1	10.4	8.5	-1.0	264.1	266.0	0.7	57.0	0.8	106.
1.9	14.0	936.6	907.0	-14.5	-24.7	312.9	11.8	8.7	-3.0	266.0	267.6	0.6	41.5	1.0	112.
2.2	15.0	1020.8	897.0	-13.0	-26.5	317.0	12.2	8.3	-8.9	268.4	269.8	0.5	31.0	1.2	116.
2.6	16.0	1132.0	884.0	-13.1	-36.3	319.8	11.9	7.7	-9.1	269.4	269.9	0.2	11.6	1.4	121.
2.9	17.0	1218.6	874.0	-13.7	-37.5	319.3	11.7	7.6	-8.9	269.7	270.2	0.2	11.1	1.6	123.
3.2	18.0	1306.0	864.0	-13.8	-38.2	317.8	11.9	8.0	-8.8	270.4	270.9	0.2	10.6	1.8	125.
3.5	19.0	1403.4	853.0	-14.0	-38.8	315.9	12.2	8.5	-8.8	271.2	271.7	0.2	10.1	2.1	126.
3.8	20.0	1492.8	843.0	-14.7	-39.2	313.2	12.5	9.1	-8.5	271.4	271.9	0.1	10.2	2.3	127.
4.3	21.0	1601.3	831.0	-14.7	-39.2	310.9	11.8	8.9	-7.7	272.5	273.0	0.1	10.2	2.7	128.
4.6	22.0	1692.9	821.0	-15.0	-38.9	311.9	11.5	8.5	-7.7	273.2	273.7	0.2	10.8	2.9	128.
5.0	23.0	1785.6	811.0	-15.0	-38.1	317.3	12.2	8.3	-9.0	274.2	274.7	0.2	11.8	3.1	128.
5.3	24.0	1870.0	802.0	-15.0	-34.9	321.3	13.5	8.4	-10.5	275.0	275.8	0.2	16.3	3.4	129.
5.6	25.0	1965.0	792.0	-14.8	-22.7	324.5	14.1	8.2	-11.5	276.2	278.4	0.8	50.9	3.6	130.
6.0	26.0	2080.4	780.0	-15.4	-21.2	328.5	13.1	6.8	-11.1	276.9	279.4	0.9	61.0	3.9	132.
6.3	27.0	2168.1	771.0	-15.5	-21.4	327.6	13.3	7.1	-11.2	277.6	280.2	0.9	60.6	4.1	132.
6.6	28.0	2266.6	761.0	-16.1	-21.7	326.9	13.7	7.5	-11.4	278.1	280.6	0.9	61.4	4.4	133.
6.8	29.0	2356.1	752.0	-16.5	-22.0	326.6	13.9	7.7	-11.7	278.6	281.0	0.9	62.1	4.6	134.
7.1	30.0	2446.6	743.0	-17.2	-21.9	326.2	14.5	8.1	-12.0	278.8	281.3	0.9	66.1	4.8	134.
7.5	31.0	2548.1	733.0	-17.6	-21.8	325.3	15.4	8.8	-12.7	279.4	282.0	0.9	69.2	5.1	135.
7.7	32.0	2640.5	724.0	-18.5	-22.2	324.1	16.0	9.4	-12.9	279.4	281.9	0.9	72.6	5.3	136.
8.0	33.0	2733.8	715.0	-19.1	-21.7	322.5	16.8	10.2	-13.3	279.8	282.4	0.9	79.5	5.6	136.
8.3	34.0	2828.0	706.0	-19.5	-21.7	320.2	17.6	11.3	-13.6	280.3	283.0	0.9	82.1	5.9	137.
8.6	35.0	2923.3	697.0	-20.1	-25.5	318.5	18.5	12.3	-13.9	280.6	282.6	0.7	62.0	6.2	137.
9.0	36.0	3041.2	686.0	-20.0	-34.5	317.2	19.7	13.4	-14.5	282.0	282.9	0.3	25.6	6.7	136.
9.3	37.0	3139.8	677.0	-16.7	-39.7	317.8	20.4	13.7	-15.1	286.7	287.2	0.2	11.5	7.1	136.
9.7	38.0	3240.4	668.0	-16.3	-37.9	318.3	21.1	14.0	-15.7	288.2	288.9	0.2	13.5	7.6	137.
10.0	39.0	3342.3	659.0	-17.2	-38.5	318.6	21.4	14.2	-15.1	288.4	289.1	0.2	13.6	8.0	137.
10.3	40.0	3445.4	650.0	-17.2	-38.1	317.6	21.8	14.7	-15.1	289.6	290.3	0.2	14.1	8.3	137.
10.7	41.0	3561.5	640.0	-17.8	-38.0	315.9	22.3	15.5	-16.0	290.1	290.8	0.2	15.1	8.9	137.
11.0	42.0	3667.3	631.0	-18.5	-38.5	314.3	22.7	16.3	-15.9	290.5	291.2	0.2	15.2	9.3	137.
11.4	43.0	3774.3	622.0	-19.2	-39.0	312.4	23.4	17.3	-15.8	290.9	291.6	0.2	15.3	9.8	137.
11.7	44.0	3870.5	614.0	-20.0	-36.9	311.5	24.0	17.9	-15.9	291.0	291.9	0.3	20.4	10.2	136.
12.0	45.0	3979.8	605.0	-20.9	-36.9	310.8	24.4	18.5	-16.0	291.2	292.0	0.3	22.1	10.7	136.
12.3	46.0	4078.0	597.0	-21.5	-37.2	311.5	24.3	18.2	-16.1	291.7	292.5	0.3	22.6	11.2	136.
12.6	47.0	4177.4	589.0	-22.1	-33.3	312.6	23.9	17.6	-16.2	292.0	293.3	0.4	35.3	11.6	136.
13.0	48.0	4277.8	581.0	-22.9	-33.0	315.2	22.9	16.1	-16.2	292.3	293.5	0.4	39.1	12.2	136.
13.3	49.0	4379.2	573.0	-23.9	-33.2	317.0	22.2	15.1	-16.2	292.3	293.6	0.4	41.4	12.6	136.
13.7	50.0	4494.6	564.0	-24.9	-33.8	318.5	21.9	14.5	-16.4	292.4	293.6	0.4	43.3	13.1	136.
14.1	51.0	4611.4	555.0	-25.6	-34.0	318.7	22.3	14.7	-15.7	293.0	294.2	0.4	44.8	13.6	136.
14.5	52.0	4716.6	547.0	-26.4	-35.2	318.4	23.3	15.5	-17.5	293.2	294.3	0.3	43.0	14.1	136.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553  
CMAHA, NEB

6 FEBRUARY 1975  
2100 GMT

155 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.8	53.0	4823.0	539.0	-26.6	-35.8	319.1	24.0	15.7	-18.1	294.2	295.2	0.3	41.4	14.6	136.
15.1	54.0	4930.8	531.0	-27.4	-36.7	319.8	24.6	15.9	-18.8	294.5	295.5	0.3	40.5	15.0	136.
15.5	55.0	5040.1	523.0	-27.7	-37.7	321.1	25.1	15.8	-19.6	295.4	296.3	0.3	37.5	15.6	136.
16.0	56.0	5164.7	514.0	-28.4	-39.2	322.0	25.9	15.9	-20.4	296.1	296.9	0.2	34.2	16.3	137.
16.3	57.0	5277.1	506.0	-28.9	-40.2	322.1	26.2	16.1	-20.7	296.8	297.5	0.2	32.4	16.8	137.
16.7	58.0	5376.6	499.0	-29.5	-41.6	322.0	26.6	16.4	-21.0	297.2	297.8	0.2	29.8	17.5	137.
17.1	59.0	5491.7	491.0	-30.6	-42.6	321.7	27.0	16.8	-21.2	297.3	297.9	0.2	29.5	18.1	137.
17.5	60.0	5593.6	484.0	-31.4	-44.2	321.2	27.6	17.3	-21.5	297.5	298.0	0.2	26.6	18.7	137.
17.9	61.0	5711.4	476.0	-32.3	-45.5	321.6	28.1	17.5	-22.0	297.8	298.2	0.1	25.2	19.4	137.
18.1	62.0	5815.8	469.0	-33.1	-47.5	322.2	28.4	17.4	-22.4	298.1	298.4	0.1	21.9	19.8	137.
18.5	63.0	5921.4	462.0	-33.7	-48.7	324.2	29.0	17.0	-23.5	298.5	298.9	0.1	20.3	20.4	138.
18.9	64.0	6028.3	455.0	-34.5	-49.2	326.4	30.1	16.7	-25.1	298.8	299.2	0.1	20.8	21.1	138.
19.3	65.0	6136.5	448.0	-35.2	-49.5	327.8	31.2	16.6	-26.4	299.3	299.6	0.1	21.3	21.9	138.
19.7	66.0	6277.7	439.0	-36.0	-50.2	328.5	31.9	16.7	-27.2	300.1	300.4	0.1	21.4	22.6	139.
20.1	67.0	6389.1	432.0	-37.1	-51.4	328.8	32.4	16.8	-27.7	300.1	300.3	0.1	20.6	23.4	139.
20.5	68.0	6501.8	425.0	-38.0	-52.2	329.0	33.0	17.0	-28.3	300.3	300.5	0.1	20.7	24.1	139.
20.8	69.0	6599.6	419.0	-38.8	-52.7	328.9	33.4	17.2	-28.6	300.5	300.7	0.1	21.2	24.7	139.
21.3	70.0	6715.0	412.0	-39.9	-52.7	328.1	33.8	17.9	-28.7	300.5	300.8	0.1	23.6	25.7	140.
21.7	71.0	6848.6	404.0	-41.3	99.9	326.7	34.3	18.8	-23.7	300.5	999.9	99.9	999.9	26.5	140.
22.1	72.0	6967.0	397.0	-42.4	99.9	325.2	35.3	20.1	-29.0	300.6	999.9	99.9	999.9	27.3	140.
22.5	73.0	7069.7	391.0	-43.3	99.9	324.4	36.6	21.3	-29.7	300.6	999.9	99.9	999.9	28.1	140.
22.9	74.0	7191.1	384.0	-44.2	99.9	324.6	36.5	21.1	-29.8	301.1	999.9	99.9	999.9	29.2	140.
23.3	75.0	7296.5	378.0	-45.1	99.9	325.2	35.8	20.4	-29.4	301.2	999.9	99.9	999.9	30.1	141.
23.7	76.0	7403.1	372.0	-46.3	99.9	325.9	35.7	20.0	-29.5	301.0	999.9	99.9	999.9	30.8	141.
24.1	77.0	7529.0	365.0	-47.4	99.9	326.6	36.9	20.3	-30.8	301.1	999.9	99.9	999.9	31.6	141.
24.5	78.0	7638.4	359.0	-48.3	99.9	327.0	39.5	21.5	-33.2	301.4	999.9	99.9	999.9	32.5	141.
24.8	79.0	7749.1	353.0	-49.3	99.9	326.9	39.8	21.7	-33.3	301.5	999.9	99.9	999.9	33.3	141.
25.2	80.0	7861.3	347.0	-50.2	99.9	327.1	38.2	20.7	-32.1	301.7	999.9	99.9	999.9	34.4	141.
25.7	81.0	7994.0	340.0	-51.3	99.9	328.4	34.4	18.0	-29.3	302.1	999.9	99.9	999.9	35.5	141.
26.2	82.0	8109.5	334.0	-52.0	99.9	330.0	33.6	16.8	-29.1	302.6	999.9	99.9	999.9	36.2	142.
26.6	83.0	8226.7	328.0	-52.8	99.9	329.7	35.6	18.0	-30.7	303.1	999.9	99.9	999.9	37.0	142.
27.1	84.0	8345.5	322.0	-54.1	99.9	326.8	37.5	20.5	-31.4	303.0	999.9	99.9	999.9	38.2	142.
27.5	85.0	8466.0	316.0	-54.9	99.9	323.2	36.5	21.8	-29.2	303.5	999.9	99.9	999.9	39.3	142.
27.9	86.0	8609.0	309.0	-55.7	99.9	318.9	34.5	22.7	-26.0	304.3	999.9	99.9	999.9	40.0	142.
28.3	87.0	8712.9	304.0	-55.7	99.9	315.6	33.5	23.4	-23.9	305.7	999.9	99.9	999.9	40.8	142.
28.7	88.0	8840.1	298.0	-55.0	99.9	313.8	32.7	23.6	-22.6	308.4	999.9	99.9	999.9	41.6	142.
29.1	89.0	8948.2	293.0	-55.2	99.9	313.4	31.9	23.2	-21.9	309.7	999.9	99.9	999.9	42.4	142.
29.5	90.0	9080.6	287.0	-54.1	99.9	313.8	31.0	22.3	-21.4	313.1	999.9	99.9	999.9	43.0	142.
29.9	91.0	9193.3	282.0	-54.2	99.9	313.9	30.7	22.1	-21.3	314.4	999.9	99.9	999.9	43.9	142.
30.3	92.0	9308.0	277.0	-54.4	99.9	313.5	31.3	22.7	-21.6	315.8	999.9	99.9	999.9	44.5	141.
30.7	93.0	9424.7	272.0	-54.5	99.9	312.4	32.7	24.2	-22.0	317.2	999.9	99.9	999.9	45.2	141.
31.3	94.0	9567.6	266.0	-54.4	99.9	309.8	34.7	26.6	-22.2	319.5	999.9	99.9	999.9	46.5	141.
31.7	95.0	9689.2	261.0	-54.1	99.9	308.1	34.4	27.1	-21.2	321.7	999.9	99.9	999.9	47.4	141.
32.4	96.0	9838.5	255.0	-53.9	99.9	305.8	30.4	24.7	-17.8	324.1	999.9	99.9	999.9	48.8	140.
32.9	97.0	9965.8	250.0	-53.6	99.9	304.6	26.1	21.5	-14.8	326.4	999.9	99.9	999.9	49.5	140.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553  
CMAHA, NEB

6 FEBRUARY 1975  
2100 GMT

155 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.3	98.0	10096.0	245.0	-52.7	99.9	303.2	23.9	20.0	-13.1	329.7	999.9	99.9	999.9	50.2	140.
33.7	99.0	10229.1	240.0	-52.8	99.9	301.6	23.8	20.2	-12.5	331.4	999.9	99.9	999.9	50.6	140.
34.2	100.0	10337.5	236.0	-53.3	99.9	300.8	26.1	22.5	-13.4	332.3	999.9	99.9	999.9	51.2	139.
34.8	101.0	10503.2	230.0	-53.6	99.9	300.5	28.5	24.6	-14.5	334.3	999.9	99.9	999.9	52.3	139.
35.2	102.0	10644.8	225.0	-52.8	99.9	299.9	29.1	25.3	-14.5	337.6	999.9	99.9	999.9	52.9	139.
35.6	103.0	10760.6	221.0	-52.8	99.9	299.1	29.9	26.1	-14.5	339.3	999.9	99.9	999.9	53.5	139.
36.1	104.0	10908.6	216.0	-51.7	99.9	299.1	31.0	27.3	-14.6	343.2	999.9	99.9	999.9	54.4	138.
36.6	105.0	11030.0	212.0	-51.2	99.9	296.2	30.1	27.0	-13.3	345.8	999.9	99.9	999.9	55.4	138.
37.1	106.0	11185.2	207.0	-50.8	99.9	293.8	27.2	24.9	-11.0	348.8	999.9	99.9	999.9	56.2	138.
37.6	107.0	11312.3	203.0	-50.8	99.9	294.6	25.6	23.3	-10.7	350.8	999.9	99.9	999.9	56.8	137.
38.2	108.0	11441.8	199.0	-51.1	99.9	301.1	27.8	23.8	-14.4	352.3	999.9	99.9	999.9	57.6	137.
38.7	109.0	11607.1	194.0	-51.6	99.9	304.4	30.3	25.0	-17.1	354.2	999.9	99.9	999.9	58.5	137.
39.2	110.0	11742.4	190.0	-51.4	99.9	303.7	30.8	25.6	-17.1	356.5	999.9	99.9	999.9	59.6	137.
39.8	111.0	11915.5	185.0	-51.6	99.9	301.4	30.4	25.9	-15.8	359.0	999.9	99.9	999.9	60.4	136.
40.3	112.0	12057.4	181.0	-51.3	99.9	301.2	29.3	25.0	-15.1	361.8	999.9	99.9	999.9	61.5	136.
41.0	113.0	12203.1	177.0	-50.1	99.9	300.2	25.2	21.8	-12.7	366.0	999.9	99.9	999.9	62.5	136.
41.5	114.0	12352.4	173.0	-50.1	99.9	297.0	23.0	20.5	-10.4	368.4	999.9	99.9	999.9	63.3	136.
42.2	115.0	12504.6	169.0	-52.0	99.9	297.2	24.4	21.7	-11.2	367.7	999.9	99.9	999.9	64.0	135.
43.0	116.0	12660.3	165.0	-50.4	99.9	305.2	29.6	24.2	-17.1	373.0	999.9	99.9	999.9	65.5	135.
43.7	117.0	12820.8	161.0	-49.5	99.9	311.1	34.2	25.8	-22.4	377.1	999.9	99.9	999.9	66.6	135.
44.3	118.0	12985.6	157.0	-49.5	99.9	310.6	31.1	23.6	-20.2	379.8	999.9	99.9	999.9	68.2	135.
44.8	119.0	13154.6	153.0	-49.6	99.9	305.6	25.0	20.3	-14.5	382.4	999.9	99.9	999.9	68.9	135.
45.4	120.0	13328.0	149.0	-49.8	99.9	297.9	21.3	18.9	-10.0	385.0	999.9	99.9	999.9	69.6	135.
46.0	121.0	13460.7	146.0	-51.0	99.9	292.9	20.2	18.6	-7.9	385.2	999.9	99.9	999.9	70.3	135.
46.6	122.0	13641.1	142.0	-52.0	99.9	289.9	17.9	16.8	-5.1	386.4	999.9	99.9	999.9	71.1	134.
47.2	123.0	13779.4	139.0	-51.9	99.9	294.9	20.8	18.9	-8.8	389.1	999.9	99.9	999.9	71.3	134.
47.8	124.0	13968.6	135.0	-52.0	99.9	298.6	28.0	24.6	-13.4	392.0	999.9	99.9	999.9	72.2	134.
48.4	125.0	14113.8	132.0	-53.1	99.9	295.0	29.8	27.0	-12.6	392.6	999.9	99.9	999.9	73.5	134.
49.1	126.0	14311.6	128.0	-54.5	99.9	286.3	25.7	24.6	-7.2	393.6	999.9	99.9	999.9	74.6	133.
49.7	127.0	14514.3	124.0	-55.5	99.9	283.6	25.0	24.3	-5.8	395.4	999.9	99.9	999.9	75.2	133.
50.0	128.0	14670.1	121.0	-56.5	99.9	283.2	25.1	24.4	-5.7	396.4	999.9	99.9	999.9	75.8	133.
50.9	129.0	14829.3	118.0	-56.6	99.9	283.6	23.4	22.7	-5.5	399.0	999.9	99.9	999.9	76.7	132.
51.5	130.0	14992.8	115.0	-56.3	99.9	286.7	24.8	23.7	-7.1	402.5	999.9	99.9	999.9	77.5	132.
52.3	131.0	15217.9	111.0	-55.8	99.9	290.6	26.2	24.5	-9.2	407.5	999.9	99.9	999.9	78.7	132.
52.9	132.0	15392.4	108.0	-55.7	99.9	292.0	26.1	24.2	-9.8	411.0	999.9	99.9	999.9	79.6	131.
53.5	133.0	15571.8	105.0	-55.8	99.9	293.1	25.5	23.4	-10.0	414.1	999.9	99.9	999.9	80.5	131.
54.2	134.0	15756.1	102.0	-56.2	99.9	295.6	24.3	21.9	-10.5	416.9	999.9	99.9	999.9	81.4	131.
54.8	135.0	15946.5	99.0	-54.7	99.9	296.1	22.4	20.2	-9.9	423.3	999.9	99.9	999.9	82.3	131.
55.8	136.0	16144.0	96.0	-53.4	99.9	293.8	21.6	19.7	-8.7	429.5	999.9	99.9	999.9	83.5	131.
56.8	137.0	16418.5	92.0	-52.5	99.9	290.6	22.0	20.6	-7.7	436.6	999.9	99.9	999.9	84.8	130.
57.6	138.0	16632.5	89.0	-53.0	99.9	284.3	18.2	17.7	-4.5	439.8	999.9	99.9	999.9	85.8	130.
58.4	139.0	16928.1	85.0	-54.4	99.9	281.8	15.6	15.3	-3.2	442.8	999.9	99.9	999.9	86.6	130.
59.2	140.0	17158.3	82.0	-54.5	99.9	282.2	14.0	13.7	-2.9	447.0	999.9	99.9	999.9	87.0	130.
60.0	141.0	17395.3	79.0	-57.5	99.9	294.7	16.2	14.7	-6.8	445.7	999.9	99.9	999.9	87.4	129.
60.8	142.0	17639.4	76.0	-58.3	99.9	301.9	21.7	18.4	-11.5	449.0	999.9	99.9	999.9	88.6	129.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553  
CMAHA, NEB

6 FEBRUARY 1975  
2100 GMT

155 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.7	143.0	17892.3	73.0	-59.3	99.9	297.1	18.2	16.2	-8.3	452.0	999.9	99.9	999.9	89.8	129.
62.9	144.0	18246.6	69.0	-57.6	99.9	290.6	18.5	17.3	-5.5	463.0	999.9	99.9	999.9	90.7	129.
64.0	145.0	18527.0	66.0	-58.0	99.9	291.2	23.4	21.8	-8.5	468.2	999.9	99.9	999.9	92.1	129.
65.0	146.0	18819.7	63.0	-58.7	99.9	287.5	24.8	23.7	-7.4	472.9	999.9	99.9	999.9	93.6	128.
66.1	147.0	19127.3	60.0	-57.1	99.9	295.9	23.7	21.3	-10.4	483.0	999.9	99.9	999.9	95.1	128.
67.2	148.0	19450.7	57.0	-58.7	99.9	301.9	18.1	15.4	-9.6	486.7	999.9	99.9	999.9	96.6	128.
68.3	149.0	19789.5	54.0	-59.9	99.9	301.5	17.7	15.1	-9.3	491.5	999.9	99.9	999.9	97.4	128.
69.5	150.0	20147.0	51.0	-59.3	99.9	284.7	11.9	11.5	-3.0	500.8	999.9	99.9	999.9	99.1	128.
70.7	151.0	20524.5	48.0	-61.8	99.9	286.8	15.1	14.4	-4.4	503.6	999.9	99.9	999.9	99.2	128.
72.0	152.0	20923.3	45.0	-62.6	99.9	288.0	14.9	14.2	-4.6	511.3	999.9	99.9	999.9	101.1	127.
73.4	153.0	21351.2	42.0	-60.2	99.9	274.3	17.8	17.7	-1.3	527.2	999.9	99.9	999.9	101.6	127.
74.7	154.0	21813.1	39.0	-60.6	99.9	281.9	25.2	24.7	-5.2	537.6	999.9	99.9	999.9	103.5	127.
76.3	155.0	22309.8	36.0	-62.0	99.9	288.0	24.0	22.8	-7.4	546.4	999.9	99.9	999.9	105.0	126.
77.9	156.0	23036.0	32.0	-63.3	99.9	297.2	23.3	20.7	-10.7	561.6	999.9	99.9	999.9	108.2	126.
79.5	157.0	23639.2	29.0	-64.6	99.9	282.2	16.1	15.7	-3.4	574.0	999.9	99.9	999.9	110.1	126.
81.8	158.0	24308.0	26.0	-63.5	99.9	289.5	24.7	23.3	-8.2	595.5	999.9	99.9	999.9	112.2	125.
84.0	159.0	25065.2	23.0	-61.1	99.9	284.0	18.5	17.9	-4.5	623.7	999.9	99.9	999.9	114.7	125.
86.1	160.0	25933.3	20.0	-61.1	99.9	290.3	19.3	18.1	-6.7	649.2	999.9	99.9	999.9	117.5	124.
88.8	161.0	26943.5	17.0	-60.8	99.9	273.8	21.5	21.5	-1.4	681.2	999.9	99.9	999.9	120.0	124.
92.4	162.0	28171.0	14.0	-53.9	99.9	999.9	99.9	99.9	99.9	743.3	999.9	99.9	999.9	999.9	999.

STATION NO. 553  
CHAMA, NEB

6 FEBRUARY 1975  
2328 GMT

149 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	400.0	972.6	-13.3	-21.3	250.0	3.1	2.9	1.1	262.0	263.9	0.7	51.0	0.0	0.
0.2	9.0	475.6	963.0	-12.5	-19.1	274.0	9.0	9.0	-0.6	263.6	265.9	0.9	57.4	0.2	76.
0.5	10.0	563.3	952.0	-12.9	-18.9	274.0	9.0	9.0	-0.6	264.0	266.4	0.9	60.7	0.2	76.
0.9	11.0	668.1	939.0	-13.3	-18.6	276.8	10.7	10.7	-1.3	264.6	267.1	0.9	64.5	0.4	85.
1.2	12.0	765.9	927.0	-14.0	-19.1	282.5	11.7	11.5	-2.5	264.9	267.3	0.9	65.3	0.6	90.
1.5	13.0	856.5	916.0	-14.5	-19.5	289.3	12.8	12.0	-4.2	265.4	267.7	0.9	65.1	0.9	92.
1.9	14.0	939.7	906.0	-14.6	-21.9	297.7	13.4	11.9	-6.2	266.0	268.0	0.7	53.8	1.1	99.
2.2	15.0	1032.5	895.0	-13.2	-23.4	301.2	13.5	11.6	-7.0	268.4	270.2	0.6	41.8	1.4	103.
2.5	16.0	1144.0	882.0	-12.9	-30.0	303.7	13.5	11.2	-7.5	269.8	270.8	0.4	22.2	1.6	106.
2.8	17.0	1239.6	871.0	-13.3	-30.4	310.2	12.5	9.5	-3.1	270.3	271.3	0.3	22.2	1.8	108.
3.1	18.0	1336.2	860.0	-14.0	-32.0	315.7	11.8	8.3	-3.5	270.6	271.4	0.3	20.0	2.0	111.
3.4	19.0	1424.9	850.0	-14.5	-32.8	317.3	11.5	7.8	-3.5	271.0	271.9	0.3	19.2	2.2	114.
3.7	20.0	1514.5	840.0	-14.9	-29.9	316.8	11.5	7.8	-3.4	271.5	272.6	0.4	26.3	2.4	116.
4.0	21.0	1632.6	827.0	-14.7	-28.4	315.3	11.5	8.1	-8.2	272.9	274.2	0.4	29.9	2.6	117.
4.3	22.0	1724.7	817.0	-14.7	-22.7	317.4	12.5	8.4	-9.2	273.9	276.0	0.8	50.5	2.8	118.
4.6	23.0	1827.3	806.0	-15.1	-21.1	318.4	13.4	8.9	-10.0	274.5	277.0	0.9	60.3	3.0	120.
4.9	24.0	1921.7	796.0	-15.3	-33.3	317.6	14.3	9.6	-10.5	275.3	276.1	0.3	19.7	3.3	121.
5.2	25.0	2017.0	786.0	-16.0	-25.6	315.6	14.8	10.3	-10.6	275.6	277.3	0.6	43.1	3.5	123.
5.6	26.0	2132.9	774.0	-16.4	-25.3	312.9	15.4	11.3	-10.5	276.3	278.1	0.6	45.8	3.9	124.
5.9	27.0	2220.8	765.0	-17.1	-23.2	311.9	16.1	12.0	-10.8	276.5	278.7	0.8	58.7	4.2	124.
6.1	28.0	2319.3	755.0	-17.9	-21.9	312.1	16.4	12.1	-11.0	276.7	279.2	0.9	70.6	4.3	124.
6.4	29.0	2418.9	745.0	-18.8	-21.7	313.6	16.3	11.8	-11.2	276.7	279.3	0.9	77.7	4.7	125.
6.8	30.0	2519.4	735.0	-19.8	-22.6	315.3	16.5	11.6	-11.7	276.8	279.2	0.8	78.2	5.0	126.
7.1	31.0	2621.1	725.0	-20.2	-22.7	316.3	16.8	11.6	-12.1	277.4	279.8	0.8	80.6	5.3	126.
7.4	32.0	2713.8	716.0	-19.1	-36.4	316.8	17.4	11.9	-12.6	279.5	280.2	0.2	20.0	5.6	127.
7.8	33.0	2818.7	706.0	-18.0	-37.2	316.4	18.4	12.7	-13.3	281.8	282.5	0.2	16.6	6.0	128.
8.1	34.0	2914.8	697.0	-17.3	-36.7	315.9	19.2	13.3	-13.7	283.6	284.4	0.2	16.6	6.4	128.
8.4	35.0	3012.3	688.0	-16.4	-36.2	315.3	19.6	13.8	-13.9	285.8	286.5	0.2	16.0	6.7	129.
8.8	36.0	3144.8	676.0	-16.0	-36.2	314.9	19.8	14.0	-13.9	287.7	288.5	0.3	15.5	7.2	129.
9.2	37.0	3245.6	667.0	-16.8	-36.3	314.5	19.9	14.2	-13.9	287.8	288.6	0.3	16.5	7.7	129.
9.5	38.0	3358.9	657.0	-17.3	-36.7	314.2	20.0	14.3	-14.0	288.5	289.2	0.2	16.6	8.0	129.
9.8	39.0	3462.2	648.0	-18.0	-37.2	313.4	20.4	14.8	-14.0	288.8	289.6	0.2	16.6	8.4	130.
10.2	40.0	3566.5	639.0	-18.8	-34.9	312.6	20.9	15.4	-14.2	289.1	290.0	0.3	22.5	8.9	130.
10.6	41.0	3695.6	628.0	-19.8	-34.7	312.2	21.4	15.9	-14.4	289.4	290.4	0.3	25.0	9.4	130.
10.9	42.0	3802.6	619.0	-20.7	-33.2	312.7	21.7	16.0	-14.7	289.6	290.7	0.4	31.6	9.8	130.
11.2	43.0	3910.8	610.0	-21.3	-30.4	313.4	22.0	16.0	-15.1	290.2	291.7	0.5	43.3	10.2	130.
11.6	44.0	4020.4	601.0	-21.8	-31.2	314.5	22.3	15.9	-15.6	290.8	292.2	0.5	42.1	10.7	130.
11.9	45.0	4131.3	592.0	-22.5	-31.6	314.9	22.4	15.8	-15.8	291.3	292.7	0.5	42.9	11.1	131.
12.2	46.0	4243.7	583.0	-23.0	-31.9	315.2	22.7	16.0	-16.1	291.9	293.3	0.4	43.7	11.5	131.
12.6	47.0	4344.9	575.0	-23.4	-33.1	315.4	23.4	16.4	-16.7	292.6	293.9	0.4	40.2	12.0	131.
12.9	48.0	4447.4	567.0	-23.8	-33.1	315.3	24.3	17.1	-17.3	293.3	294.6	0.4	41.6	12.5	131.
13.2	49.0	4564.1	558.0	-24.5	-32.6	314.9	25.1	17.8	-17.7	293.9	295.2	0.4	46.5	12.9	131.
13.5	50.0	4669.2	550.0	-25.1	-32.8	314.4	25.9	18.5	-18.1	294.3	295.7	0.4	48.6	13.4	131.
14.0	51.0	4815.8	539.0	-25.6	-32.8	312.4	26.5	19.6	-17.9	295.4	296.8	0.4	50.7	14.2	132.
14.3	52.0	4924.0	531.0	-26.7	-33.6	310.6	26.9	20.4	-17.5	295.4	296.7	0.4	51.9	14.6	132.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553  
CMAHA, NEB

6 FEBRUARY 1975  
2328 GMT

149 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	PH PCT	RANGE KM	AZ DG
14.6	53.0	5033.5	523.0	-27.5	-34.7	308.9	27.1	21.1	-17.1	295.7	296.9	0.4	49.9	15.1	132.
14.9	54.0	5144.2	515.0	-28.3	-35.5	307.4	27.4	21.7	-16.6	296.0	297.2	0.4	49.8	15.6	131.
15.3	55.0	5256.3	507.0	-29.3	-36.0	306.0	27.3	22.1	-16.1	296.1	297.2	0.3	52.0	16.3	131.
15.7	56.0	5398.3	497.0	-30.3	-36.6	305.3	27.3	22.3	-15.8	296.6	297.7	0.3	53.6	17.0	131.
16.0	57.0	5499.1	490.0	-31.0	-37.2	305.1	27.4	22.4	-15.7	296.9	297.9	0.3	54.6	17.4	131.
16.4	58.0	5615.6	482.0	-32.1	-38.2	305.2	28.1	23.0	-16.2	297.0	297.9	0.3	54.4	18.1	131.
16.7	59.0	5733.6	474.0	-33.0	-39.1	305.3	28.7	23.4	-16.6	297.3	298.1	0.3	54.3	18.6	130.
17.0	60.0	5853.1	466.0	-33.7	-39.6	305.5	29.2	23.8	-17.0	297.9	298.7	0.3	54.8	19.1	130.
17.3	61.0	5959.2	459.0	-34.3	-40.1	305.8	29.4	23.8	-17.2	298.3	299.2	0.2	55.3	19.7	130.
17.6	62.0	6066.4	452.0	-35.4	-40.8	306.2	29.7	23.9	-17.5	298.3	299.1	0.2	57.1	20.2	130.
18.0	63.0	6190.6	444.0	-36.3	-41.1	306.8	30.1	24.2	-18.0	298.7	299.4	0.2	60.9	20.9	130.
18.3	64.0	6300.6	437.0	-37.4	-42.4	307.2	30.9	24.6	-18.7	298.7	299.4	0.2	59.5	21.4	130.
18.7	65.0	6411.8	430.0	-38.5	-43.5	307.6	31.8	25.2	-19.4	298.7	299.3	0.2	58.5	22.2	130.
19.1	66.0	6556.9	421.0	-39.6	-44.7	307.8	32.5	25.7	-19.9	299.1	299.7	0.2	57.6	23.0	130.
19.5	67.0	6671.4	414.0	-40.4	99.9	307.8	33.0	26.1	-20.2	299.5	999.9	99.9	999.9	23.7	130.
19.8	68.0	6787.5	407.0	-41.2	99.9	307.7	33.2	26.2	-20.3	300.0	999.9	99.9	999.9	24.4	130.
20.1	69.0	6905.1	400.0	-42.3	99.9	307.5	33.4	26.4	-20.3	300.0	999.9	99.9	999.9	25.0	129.
20.5	70.0	7024.2	393.0	-43.3	99.9	307.4	33.6	26.7	-20.4	300.3	999.9	99.9	999.9	25.8	130.
21.0	71.0	7179.7	384.0	-44.5	99.9	307.6	34.1	27.0	-20.8	300.6	999.9	99.9	999.9	26.7	129.
21.4	72.0	7285.0	378.0	-45.3	99.9	307.9	34.1	26.9	-21.0	301.0	999.9	99.9	999.9	27.6	129.
21.8	73.0	7409.5	371.0	-46.3	99.9	307.8	33.8	26.7	-20.7	301.3	999.9	99.9	999.9	28.4	129.
22.1	74.0	7535.9	364.0	-47.1	99.9	307.4	33.4	26.6	-20.3	301.8	999.9	99.9	999.9	29.0	129.
22.5	75.0	7645.7	358.0	-48.1	99.9	306.7	33.0	26.5	-19.7	301.9	999.9	99.9	999.9	29.8	129.
23.0	76.0	7775.5	351.0	-49.2	99.9	306.2	33.4	27.0	-19.7	302.2	999.9	99.9	999.9	30.8	129.
23.4	77.0	7888.4	345.0	-50.1	99.9	306.5	34.2	27.5	-20.3	302.5	999.9	99.9	999.9	31.5	129.
23.8	78.0	8002.8	339.0	-51.1	99.9	307.1	34.1	27.2	-20.6	302.6	999.9	99.9	999.9	32.5	129.
24.3	79.0	8138.2	332.0	-52.0	99.9	308.3	32.9	25.8	-20.4	303.1	999.9	99.9	999.9	33.5	129.
24.7	80.0	8256.1	326.0	-53.0	99.9	309.4	32.4	25.0	-20.5	303.4	999.9	99.9	999.9	34.2	129.
25.3	81.0	8395.7	319.0	-54.2	99.9	310.3	34.0	25.9	-22.0	303.6	999.9	99.9	999.9	35.4	129.
25.7	82.0	8517.2	313.0	-55.2	99.9	310.3	35.8	27.3	-23.2	303.9	999.9	99.9	999.9	36.2	129.
26.1	83.0	8640.4	307.0	-56.3	99.9	309.9	37.2	28.6	-23.9	304.0	999.9	99.9	999.9	37.1	129.
26.5	84.0	8765.5	301.0	-57.3	99.9	309.2	37.5	29.1	-23.7	304.3	999.9	99.9	999.9	38.1	129.
26.9	85.0	8892.6	295.0	-58.0	99.9	309.3	36.0	27.9	-22.8	305.1	999.9	99.9	999.9	38.9	129.
27.3	86.0	9043.8	288.0	-58.5	99.9	310.4	34.0	25.9	-22.0	306.5	999.9	99.9	999.9	39.8	129.
27.7	87.0	9176.2	282.0	-58.3	99.9	311.9	32.4	24.1	-21.7	308.6	999.9	99.9	999.9	40.6	129.
28.1	88.0	9289.0	277.0	-57.5	99.9	313.0	31.7	23.2	-21.6	311.4	999.9	99.9	999.9	41.2	129.
28.9	89.0	9427.4	271.0	-57.1	99.9	310.3	32.7	24.9	-21.1	313.8	999.9	99.9	999.9	42.8	129.
29.3	90.0	9545.3	266.0	-57.0	99.9	307.7	33.3	26.3	-20.4	315.7	999.9	99.9	999.9	43.6	129.
29.8	91.0	9690.1	260.0	-55.8	99.9	304.5	32.9	27.1	-18.6	319.5	999.9	99.9	999.9	44.7	129.
30.2	92.0	9813.7	255.0	-56.0	99.9	302.3	31.5	26.6	-15.8	321.0	999.9	99.9	999.9	45.5	129.
30.8	93.0	9939.9	250.0	-55.2	99.9	301.4	29.3	25.0	-15.3	324.0	999.9	99.9	999.9	46.4	129.
31.2	94.0	10069.0	245.0	-54.9	99.9	302.6	28.5	24.0	-15.3	326.4	999.9	99.9	999.9	47.1	129.
31.7	95.0	10201.0	240.0	-54.4	99.9	304.1	27.8	23.1	-15.6	329.1	999.9	99.9	999.9	48.1	129.
32.3	96.0	10390.8	233.0	-54.1	99.9	304.0	27.7	23.0	-15.5	332.3	999.9	99.9	999.9	48.9	129.
32.8	97.0	10530.2	228.0	-53.6	99.9	303.8	28.5	23.7	-15.8	335.1	999.9	99.9	999.9	49.9	129.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553  
CMAHA, NEB

6 FEBRUARY 1975  
2328 GMT

149 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.3	98.0	10644.3	224.0	-52.5	99.9	304.2	29.3	24.3	-16.5	338.5	999.9	99.9	999.9	50.7	128.
33.8	99.0	10790.2	219.0	-52.3	99.9	304.6	30.0	24.7	-17.0	340.9	999.9	99.9	999.9	51.6	128.
34.3	100.0	10939.7	214.0	-52.2	99.9	304.5	30.3	24.9	-17.1	343.4	999.9	99.9	999.9	52.5	128.
35.0	101.0	11123.7	208.0	-52.3	99.9	305.6	30.9	25.1	-13.0	346.0	999.9	99.9	999.9	53.9	128.
35.5	102.0	11249.2	204.0	-52.6	99.9	307.2	33.4	26.6	-20.2	347.4	999.9	99.9	999.9	54.5	128.
36.0	103.0	11409.9	199.0	-51.4	99.9	309.1	35.6	28.1	-22.0	351.9	999.9	99.9	999.9	55.8	128.
36.5	104.0	11542.1	195.0	-50.4	99.9	309.0	35.2	27.7	-21.7	355.6	999.9	99.9	999.9	56.9	128.
37.0	105.0	11711.5	190.0	-50.5	99.9	307.3	32.9	26.2	-19.9	358.0	999.9	99.9	999.9	57.8	128.
37.5	106.0	11850.4	186.0	-50.2	99.9	305.7	29.7	24.1	-17.3	360.7	999.9	99.9	999.9	59.0	128.
38.1	107.0	11992.1	182.0	-51.1	99.9	302.7	26.3	22.1	-14.2	361.5	999.9	99.9	999.9	59.8	128.
38.6	108.0	12172.9	177.0	-52.0	99.9	300.5	25.7	22.2	-13.1	362.8	999.9	99.9	999.9	60.6	128.
39.2	109.0	12320.9	173.0	-52.0	99.9	301.2	28.2	24.1	-14.6	365.2	999.9	99.9	999.9	61.4	128.
39.7	110.0	12472.4	169.0	-52.2	99.9	302.4	29.8	25.1	-16.0	367.4	999.9	99.9	999.9	62.4	128.
40.4	111.0	12666.4	164.0	-53.0	99.9	301.1	27.2	23.3	-14.1	369.3	999.9	99.9	999.9	63.7	128.
41.0	112.0	12825.5	160.0	-53.4	99.9	298.0	24.8	21.9	-11.6	371.1	999.9	99.9	999.9	64.5	128.
41.5	113.0	12988.6	156.0	-53.1	99.9	297.7	26.1	23.1	-12.1	374.3	999.9	99.9	999.9	65.3	128.
42.1	114.0	13113.7	153.0	-53.1	99.9	300.0	29.0	25.1	-14.5	376.4	999.9	99.9	999.9	66.1	127.
42.7	115.0	13284.3	149.0	-53.4	99.9	301.3	29.2	25.0	-15.2	378.8	999.9	99.9	999.9	67.4	127.
43.5	116.0	13504.2	144.0	-53.1	99.9	301.9	28.4	24.1	-15.0	383.0	999.9	99.9	999.9	68.5	127.
44.2	117.0	13639.9	141.0	-53.0	99.9	300.5	26.9	23.2	-13.7	385.6	999.9	99.9	999.9	70.0	127.
44.8	118.0	13825.4	137.0	-53.3	99.9	297.9	24.7	21.8	-11.6	388.2	999.9	99.9	999.9	70.8	127.
45.4	119.0	13967.7	134.0	-54.1	99.9	295.3	23.5	21.3	-10.1	389.3	999.9	99.9	999.9	71.6	127.
46.0	120.0	14162.1	130.0	-54.4	99.9	292.8	23.2	21.4	-9.0	392.1	999.9	99.9	999.9	72.5	127.
46.8	121.0	14311.4	127.0	-55.2	99.9	294.2	28.7	26.1	-11.8	393.3	999.9	99.9	999.9	73.4	126.
47.4	122.0	14515.1	123.0	-56.5	99.9	294.4	30.9	28.2	-12.8	394.5	999.9	99.9	999.9	74.9	126.
48.0	123.0	14671.6	120.0	-57.1	99.9	294.8	25.9	23.5	-10.9	396.1	999.9	99.9	999.9	75.8	126.
48.7	124.0	14831.9	117.0	-57.0	99.9	299.7	21.9	19.0	-10.8	399.3	999.9	99.9	999.9	76.7	126.
49.4	125.0	14996.3	114.0	-57.1	99.9	303.8	23.7	19.7	-13.2	402.0	999.9	99.9	999.9	77.6	126.
50.1	126.0	15222.4	110.0	-56.8	99.9	307.3	26.2	20.9	-15.9	406.7	999.9	99.9	999.9	78.7	126.
50.7	127.0	15397.7	107.0	-56.6	99.9	306.7	27.3	21.9	-15.3	410.3	999.9	99.9	999.9	79.6	126.
51.2	128.0	15578.1	104.0	-56.5	99.9	305.2	27.3	22.3	-15.8	413.9	999.9	99.9	999.9	80.5	126.
51.8	129.0	15763.6	101.0	-57.1	99.9	304.3	26.4	21.8	-14.8	416.1	999.9	99.9	999.9	81.5	126.
52.4	130.0	15954.2	98.0	-57.5	99.9	302.4	24.5	20.7	-13.1	419.1	999.9	99.9	999.9	82.4	126.
53.4	131.0	16217.7	94.0	-57.1	99.9	297.3	20.5	18.2	-9.4	424.8	999.9	99.9	999.9	83.7	126.
54.1	132.0	16353.9	92.0	-56.6	99.9	291.4	17.5	16.3	-6.4	428.4	999.9	99.9	999.9	84.5	126.
54.8	133.0	16564.1	89.0	-56.8	99.9	284.7	15.2	14.7	-3.9	432.1	999.9	99.9	999.9	85.1	126.
55.5	134.0	16781.3	86.0	-57.0	99.9	280.3	16.2	15.9	-2.9	436.1	999.9	99.9	999.9	85.9	125.
56.1	135.0	17005.2	83.0	-58.7	99.9	277.8	13.1	18.0	-2.5	437.1	999.9	99.9	999.9	86.1	125.
57.0	136.0	17236.3	80.0	-59.0	99.9	273.4	17.3	17.3	-1.0	441.0	999.9	99.9	999.9	87.3	125.
57.8	137.0	17475.5	77.0	-60.1	99.9	282.5	17.8	17.3	-3.8	443.7	999.9	99.9	999.9	87.8	125.
58.6	138.0	17723.3	74.0	-60.4	99.9	287.0	17.6	16.8	-5.1	448.0	999.9	99.9	999.9	88.8	124.
59.4	139.0	17981.3	71.0	-60.2	99.9	289.9	20.5	19.3	-7.0	453.7	999.9	99.9	999.9	89.4	124.
60.3	140.0	18250.5	68.0	-60.4	99.9	294.9	20.4	18.5	-8.6	458.9	999.9	99.9	999.9	90.7	124.
61.7	141.0	18532.0	65.0	-59.9	99.9	303.6	18.7	15.6	-10.4	466.1	999.9	99.9	999.9	92.2	124.
62.8	142.0	18826.4	62.0	-60.9	99.9	295.2	12.6	11.4	-5.4	470.1	999.9	99.9	999.9	93.6	124.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 553  
CMAHA, NEB

6 FEBRUARY 1975  
2328 GMT

149 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TFMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.8	143.0	19030.5	60.0	-60.4	99.9	292.0	14.6	13.6	-5.5	475.7	999.9	99.9	999.9	93.8	124.
64.9	144.0	19350.3	57.0	-60.2	99.9	298.2	20.6	18.1	-9.7	483.1	999.9	99.9	999.9	95.3	124.
65.9	145.0	19687.2	54.0	-60.6	99.9	286.4	9.2	8.9	-2.6	489.8	999.9	99.9	999.9	96.2	124.
66.7	146.0	19921.3	52.0	-62.0	99.9	292.6	14.6	13.5	-5.6	491.8	999.9	99.9	999.9	96.4	124.
67.7	147.0	20288.7	49.0	-62.2	99.9	291.0	17.5	16.3	-6.3	499.8	999.9	99.9	999.9	97.8	124.
68.7	148.0	20678.5	46.0	-62.8	99.9	269.9	14.9	14.9	0.0	507.5	999.9	99.9	999.9	98.7	123.
69.9	149.0	20952.3	44.0	-63.0	99.9	286.1	21.6	20.8	-5.0	513.6	999.9	99.9	999.9	99.6	123.
71.2	150.0	21387.1	41.0	-63.0	99.9	300.2	24.9	21.6	-12.5	524.1	999.9	99.9	999.9	101.5	123.
72.7	151.0	21854.1	38.0	-63.7	99.9	287.6	16.1	15.3	-4.9	533.6	999.9	99.9	999.9	103.7	123.
74.0	152.0	22184.2	36.0	-65.7	99.9	291.6	20.0	18.6	-7.4	536.9	999.9	99.9	999.9	104.4	123.
75.4	153.0	22712.1	33.0	-66.5	99.9	298.0	14.5	12.8	-6.8	548.3	999.9	99.9	999.9	106.7	123.
77.1	154.0	23091.9	31.0	-65.1	99.9	289.6	21.3	20.1	-7.1	562.0	999.9	99.9	999.9	107.7	122.
78.9	155.0	23710.2	28.0	-66.5	99.9	288.0	29.3	27.9	-9.1	574.7	999.9	99.9	999.9	110.5	122.
80.6	156.0	24393.9	25.0	-67.9	99.9	999.9	99.9	99.9	99.9	589.5	999.9	99.9	999.9	999.9	999.







STATION NO. 553  
CMAHA, NEB

7 FEBRUARY 1975  
600 GMT

148 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TFMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.2	143.0	18866.2	62.0	-59.8	99.9	294.7	25.1*	22.8	-10.5	472.7	999.9	99.9	999.9	102.8	129.
66.4	144.0	19176.2	59.0	-59.8	99.9	287.0	24.2*	23.2	-7.1	479.5	999.9	99.9	999.9	104.5	128.
67.7	145.0	19502.5	56.0	-59.6	99.9	297.0	23.2*	20.6	-10.5	487.1	999.9	99.9	999.9	106.2	128.
69.0	146.0	19846.0	53.0	-60.8	99.9	302.1	21.5*	18.2	-12.4	492.0	999.9	99.9	999.9	108.0	128.
70.5	147.0	20207.1	50.0	-62.4	99.9	297.8	12.7*	11.3	-3.9	496.4	999.9	99.9	999.9	108.9	128.
71.8	148.0	20589.2	47.0	-62.2	99.9	300.2	16.4*	14.7	-3.2	505.7	999.9	99.9	999.9	110.9	128.
73.1	149.0	20955.8	44.0	-63.1	99.9	286.8	5.8*	5.5	-1.7	513.1	999.9	99.9	999.9	111.7	128.
74.8	150.0	21283.1	42.0	-61.5	99.9	305.0	27.9*	22.8	-15.0	524.1	999.9	99.9	999.9	113.1	128.
76.8	151.0	21741.3	39.0	-62.6	99.9	293.1	11.3*	10.4	-4.4	532.5	999.9	99.9	999.9	115.2	127.
78.4	152.0	22234.2	36.0	-63.3	99.9	282.0	12.1*	11.8	-2.5	543.0	999.9	99.9	999.9	116.4	127.
80.8	153.0	22767.0	33.0	-64.8	99.9	311.1	21.6	16.3	-14.2	552.7	999.9	99.9	999.9	118.9	127.
82.7	154.0	23348.6	30.0	-64.8	99.9	289.9	16.4	15.5	-5.6	567.9	999.9	99.9	999.9	120.7	127.
85.2	155.0	23991.8	27.0	-64.6	99.9	999.9	99.9	99.9	99.9	585.8	999.9	99.9	999.9	999.9	999.









STATION NO. 553  
OMAHA, NEB

7 FEBRUARY 1975  
1116 GMT

153 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIF DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX FTO GM/KG	RH PCT	RANGE KM	AZ DG
60.9	143.0	17908.6	72.0	-60.9	99.9	304.6	28.3*	23.3	-16.0	450.4	999.9	99.9	999.9	109.3	122.
61.8	144.0	18173.7	69.0	-60.1	99.9	301.2	29.4*	25.1	-15.2	457.8	999.9	99.9	999.9	110.8	122.
62.7	145.0	18451.3	66.0	-59.9	99.9	297.7	29.0*	25.7	-13.5	464.0	999.9	99.9	999.9	112.4	122.
63.7	146.0	18741.1	63.0	-60.9	99.9	292.7	20.4*	18.8	-7.9	467.9	999.9	99.9	999.9	114.2	122.
64.7	147.0	19044.1	60.0	-61.3	99.9	289.6	15.7*	14.8	-5.3	473.7	999.9	99.9	999.9	114.7	122.
65.8	148.0	19361.9	57.0	-62.0	99.9	292.6	14.6*	13.5	-5.6	479.0	999.9	99.9	999.9	115.8	122.
66.9	149.0	19696.1	54.0	-62.2	99.9	286.3	11.7*	11.3	-3.3	486.1	999.9	99.9	999.9	117.2	121.
68.0	150.0	19929.3	52.0	-62.2	99.9	290.9	18.9*	17.7	-6.7	491.3	999.9	99.9	999.9	117.4	121.
69.2	151.0	20295.9	49.0	-62.8	99.9	297.0	26.3*	23.4	-11.9	498.4	999.9	99.9	999.9	119.5	121.
70.4	152.0	20686.3	46.0	-61.7	99.9	289.3	14.9*	14.1	-4.7	510.2	999.9	99.9	999.9	120.7	121.
71.9	153.0	21103.3	43.0	-62.4	99.9	267.0	11.1*	11.1	0.6	518.3	999.9	99.9	999.9	121.8	121.
73.3	154.0	21549.6	40.0	-62.6	99.9	300.1	25.1*	21.7	-12.6	528.7	999.9	99.9	999.9	122.8	121.
74.8	155.0	22030.2	37.0	-62.8	99.9	282.6	7.3*	7.1	-1.6	540.1	999.9	99.9	999.9	124.7	121.
76.2	156.0	22371.6	35.0	-64.1	99.9	302.0	20.2*	17.1	-10.7	545.4	999.9	99.9	999.9	126.1	121.
78.1	157.0	22919.6	32.0	-64.7	99.9	304.5	21.5*	17.8	-12.2	558.0	999.9	99.9	999.9	127.8	121.
80.0	158.0	23520.4	29.0	-64.9	99.9	325.2	8.6*	4.9	-7.1	573.4	999.9	99.9	999.9	129.8	121.
82.2	159.0	24187.6	26.0	-64.3	99.9	342.5	3.4	1.0	-3.3	593.2	999.9	99.9	999.9	131.5	121.
84.3	160.0	24680.1	24.0	-61.9	99.9	999.9	99.9	99.9	99.9	614.0	999.9	99.9	999.9	999.9	999.







STATION NO. 562  
NORTH PLATTE, NEB

5 FEBRUARY 1975  
2315 GMT

143 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.7	147.0	20595.2	48.0	-61.0	99.9	302.6	16.6	14.0	-9.0	505.7	999.9	99.9	999.9	52.4	111.
65.7	148.0	20995.6	45.0	-61.7	99.9	303.9	14.8	12.2	-8.2	513.3	999.9	99.9	999.9	53.3	112.
66.8	149.0	21277.1	43.0	-61.7	99.9	313.5	14.5	10.5	-10.0	520.0	999.9	99.9	999.9	54.2	112.
68.1	150.0	21725.4	40.0	-61.3	99.9	302.1	15.7	13.3	-8.4	531.8	999.9	99.9	999.9	55.3	112.
69.4	151.0	22209.7	37.0	-60.8	99.9	305.1	14.2	11.7	-8.2	545.2	999.9	99.9	999.9	56.5	112.
70.7	152.0	22554.3	35.0	-62.1	99.9	303.6	13.6	11.3	-7.5	550.6	999.9	99.9	999.9	57.5	113.
72.3	153.0	23106.3	32.0	-63.6	99.9	999.9	99.9	99.9	99.9	560.8	999.9	99.9	999.9	999.9	999.
73.9	154.0	23710.2	29.0	-63.8	99.9	999.9	99.9	99.9	99.9	576.2	999.9	99.9	999.9	999.9	999.









STATION NO. 562  
NORTH PLATTE, NEB

6 FEBRUARY 1975  
600 GMT

147 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.8	147.0	20290.8	50.0	-59.5	99.9	292.6	16.3	15.1	-6.3	503.3	999.9	99.9	999.9	66.1	132.
67.9	148.0	20677.5	47.0	-60.0	99.9	302.9	19.4	16.3	-10.6	511.0	999.9	99.9	999.9	67.3	132.
69.0	149.0	21088.1	44.0	-61.3	99.9	303.0	17.9	15.0	-7.7	517.7	999.9	99.9	999.9	68.6	132.
70.1	150.0	21376.8	42.0	-61.3	99.9	298.9	13.3	11.6	-6.4	524.6	999.9	99.9	999.9	69.6	132.
71.5	151.0	21836.4	39.0	-61.6	99.9	293.8	15.4	14.1	-6.2	535.0	999.9	99.9	999.9	70.2	131.
72.8	152.0	22330.6	36.0	-63.1	99.9	305.3	22.4	18.3	-13.0	543.6	999.9	99.9	999.9	72.3	131.
74.2	153.0	22864.5	33.0	-64.2	99.9	286.1	11.6	11.2	-3.2	554.3	999.9	99.9	999.9	73.5	131.
75.6	154.0	23246.8	31.0	-64.6	99.9	277.6	13.3	13.1	-1.8	563.3	999.9	99.9	999.9	74.3	131.
77.2	155.0	23870.3	28.0	-63.5	99.9	297.2	20.7	18.4	-9.5	583.1	999.9	99.9	999.9	75.9	130.
79.1	156.0	24567.3	25.0	-62.9	99.9	299.6	18.4	16.0	-9.1	603.9	999.9	99.9	999.9	78.6	130.
81.2	157.0	25080.8	23.0	-62.9	99.9	291.2	17.9	16.7	-6.5	618.4	999.9	99.9	999.9	80.1	130.
84.0	158.0	25944.2	20.0	-61.6	99.9	999.9	99.9	99.9	99.9	647.6	999.9	99.9	999.9	999.9	999.







STATION NO. 562  
NORTH PLATTE, NEB

6 FEBRUARY 1975  
1115 GMT

137 51. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.9	147.0	19752.8	54.0	-59.7	99.9	999.9	99.9	99.9	99.9	491.9	999.9	99.9	999.9	999.9	999.
69.1	148.0	20109.6	51.0	-60.4	99.9	999.9	99.9	99.9	99.9	498.4	999.9	99.9	999.9	999.9	999.









STATION NO. 562  
NORTH PLATTE, NEB

6 FEBRUARY 1975  
1500 GMT

147 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.9	147.0	19756.5	54.0	-59.3	99.9	289.4	14.5	13.6	-4.8	492.9	999.9	99.9	999.9	83.9	140.
62.9	148.0	20114.4	51.0	-59.4	99.9	291.0	21.3	19.9	-7.6	500.6	999.9	99.9	999.9	84.1	140.
63.8	149.0	20494.4	48.0	-58.9	99.9	307.2	26.6	21.2	-15.1	510.6	999.9	99.9	999.9	85.7	139.
65.0	150.0	20898.3	45.0	-60.2	99.9	307.5	20.5	16.3	-12.5	517.1	999.9	99.9	999.9	87.5	139.
66.3	151.0	21328.4	42.0	-60.5	99.9	293.5	12.3	11.3	-4.9	526.5	999.9	99.9	999.9	88.6	139.
67.6	152.0	21788.7	39.0	-61.6	99.9	310.1	16.6	12.7	-10.7	535.0	999.9	99.9	999.9	89.2	139.
69.0	153.0	22283.6	36.0	-62.6	99.9	292.3	7.9	7.3	-3.0	545.0	999.9	99.9	999.9	90.5	138.
70.5	154.0	22818.2	33.0	-64.3	99.9	304.0	17.6	14.6	-9.8	554.1	999.9	99.9	999.9	92.0	138.
72.0	155.0	23399.6	30.0	-65.5	99.9	316.0	26.6	18.5	-19.1	566.1	999.9	99.9	999.9	93.6	138.
73.5	156.0	24039.8	27.0	-65.9	99.9	317.7	21.9	14.8	-15.2	582.3	999.9	99.9	999.9	96.2	138.
75.5	157.0	24758.7	24.0	-63.7	99.9	999.9	99.9	99.9	99.9	608.6	999.9	99.9	999.9	999.9	999.
77.4	158.0	25582.4	21.0	-61.4	99.9	999.9	99.9	99.9	99.9	639.2	999.9	99.9	999.9	999.9	999.







STATION NO. 562  
NORTH PLATTE, NEB

6 FEBRUARY 1975  
1742 GMT

145 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.6	146.0	21378.0	42.0	-61.8	99.9	301.8	11.6	9.9	-6.1	523.3	999.9	99.9	999.9	91.6	134.
64.6	147.0	21834.7	39.0	-63.7	99.9	308.0	11.9	9.4	-7.3	529.7	999.9	99.9	999.9	92.6	134.
66.1	148.0	22158.3	37.0	-62.9	99.9	311.1	17.4	13.1	-11.4	539.7	999.9	99.9	999.9	93.5	133.
67.4	149.0	22678.0	34.0	-63.7	99.9	313.4	21.4	15.5	-17.7	550.9	999.9	99.9	999.9	95.7	133.
68.5	150.0	23246.7	31.0	-62.2	99.9	307.5	15.3	12.2	-7.3	569.7	999.9	99.9	999.9	96.6	133.
70.1	151.0	23877.3	28.0	-61.1	99.9	296.1	5.6	5.1	-2.5	589.6	999.9	99.9	999.9	97.5	133.
71.5	152.0	24335.6	26.0	-62.9	99.9	312.0	16.8	12.5	-11.3	597.0	999.9	99.9	999.9	98.1	133.
72.9	153.0	25087.4	23.0	-64.7	99.9	300.5	28.0	24.1	-14.2	613.2	999.9	99.9	999.9	100.3	133.
74.9	154.0	25948.3	20.0	-61.1	99.9	286.4	13.6	13.0	-3.8	649.2	999.9	99.9	999.9	103.2	133.
77.1	155.0	26607.6	18.0	-57.9	99.9	999.9	99.9	99.9	99.9	679.1	999.9	99.9	999.9	999.9	999.









STATION NO. 562  
NORTH PLATTE, NEB

6 FEBRUARY 1975  
2043 GMT

153 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.5	147.0	18854.9	63.0	-57.7	99.9	299.6	20.1	17.5	-9.9	475.0	999.9	99.9	999.9	89.9	131.
58.3	148.0	19162.9	60.0	-57.6	99.9	300.0	23.3	20.2	-11.6	482.1	999.9	99.9	999.9	90.7	131.
59.0	149.0	19485.4	57.0	-59.4	99.9	304.9	16.6	13.6	-7.5	484.9	999.9	99.9	999.9	92.2	131.
59.8	150.0	19708.4	55.0	-60.7	99.9	307.8	12.2	9.7	-7.5	487.1	999.9	99.9	999.9	92.0	131.
60.6	151.0	20057.2	52.0	-61.0	99.9	305.8	18.6	15.1	-10.9	494.2	999.9	99.9	999.9	93.1	131.
61.5	152.0	20425.8	49.0	-61.7	99.9	307.9	18.8	14.8	-11.6	500.9	999.9	99.9	999.9	94.2	131.
62.4	153.0	20683.6	47.0	-62.3	99.9	297.9	11.4	10.1	-5.3	505.6	999.9	99.9	999.9	94.8	131.
63.3	154.0	21091.2	44.0	-62.1	99.9	275.6	11.1	11.1	-1.1	515.7	999.9	99.9	999.9	95.5	131.
64.4	155.0	21378.3	42.0	-62.8	99.9	279.9	13.0	12.8	-2.2	520.8	999.9	99.9	999.9	95.6	131.
65.6	156.0	21834.8	39.0	-62.8	99.9	301.5	27.7	23.6	-14.4	531.9	999.9	99.9	999.9	97.4	130.
66.9	157.0	22329.9	36.0	-61.2	99.9	309.1	18.2	14.1	-11.5	548.5	999.9	99.9	999.9	99.6	130.
68.0	158.0	22684.6	34.0	-61.4	99.9	313.8	14.6	10.6	-10.1	557.1	999.9	99.9	999.9	100.4	130.
69.0	159.0	23255.2	31.0	-63.2	99.9	322.9	7.6	4.6	-6.1	567.0	999.9	99.9	999.9	101.2	130.
70.2	160.0	23664.6	29.0	-63.9	99.9	301.0	14.9	12.8	-7.7	575.9	999.9	99.9	999.9	101.4	130.
71.9	161.0	24335.3	26.0	-63.0	99.9	296.9	25.3	22.6	-11.5	596.8	999.9	99.9	999.9	104.1	130.
73.7	162.0	25089.9	23.0	-63.0	99.9	305.9	16.6	13.5	-7.7	619.1	999.9	99.9	999.9	106.3	130.
75.5	163.0	25653.3	21.0	-60.5	99.9	309.7	27.2	20.9	-17.4	642.1	999.9	99.9	999.9	108.2	130.
77.6	164.0	26622.8	18.0	-56.4	99.9	999.9	99.9	99.9	99.9	683.9	999.9	99.9	999.9	999.9	999.







STATION NO. 562  
NORTH PLATTE, NEB

6 FEBRUARY 1975  
2315 GMT

144 25. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
68.5	147.0	20365.0	49.0	-60.9	99.9	311.1	28.8*	21.7	-13.9	503.0	999.9	99.9	999.9	111.6	131.
69.7	148.0	20757.8	46.0	-60.9	99.9	311.0	23.3*	17.6	-15.3	512.1	999.9	99.9	999.9	113.8	131.
71.0	149.0	21175.4	43.0	-62.7	99.9	300.8	8.8*	7.6	-4.5	517.6	999.9	99.9	999.9	114.9	131.
72.7	150.0	21621.8	40.0	-62.1	99.9	306.9	19.8*	15.9	-11.9	529.8	999.9	99.9	999.9	116.2	131.
74.0	151.0	22104.1	37.0	-61.8	99.9	301.8	10.1*	8.6	-5.3	542.7	999.9	99.9	999.9	117.6	131.
75.1	152.0	22626.5	34.0	-62.7	99.9	308.4	11.6*	9.1	-7.2	553.6	999.9	99.9	999.9	117.9	131.
76.6	153.0	23193.9	31.0	-64.2	99.9	294.0	23.6*	21.6	-9.6	564.3	999.9	99.9	999.9	119.9	131.
78.5	154.0	23814.8	28.0	-65.6	99.9	999.9	99.9	99.9	99.9	577.2	999.9	99.9	999.9	999.9	999.
80.8	155.0	24502.5	25.0	-66.4	99.9	999.9	99.9	99.9	99.9	593.9	999.9	99.9	999.9	999.9	999.

STATION NO. 562  
NORTH PLATTE, NEB

7 FEBRUARY 1975  
600 GMT

144 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	847.0	916.4	-14.4	-20.4	270.0	1.5	1.5	0.0	265.4	267.6	0.4	60.0	0.0	0.
0.3	14.0	918.0	908.0	-6.1	-14.0	283.2	26.7	26.0	-6.1	274.8	278.6	1.4	53.1	0.1	131.
0.7	15.0	1014.2	897.0	-1.6	-11.3	280.3	21.4	21.0	-3.8	280.3	285.3	1.8	47.6	0.5	112.
1.1	16.0	1121.7	885.0	-0.4	-12.4	269.8	12.5	12.5	0.0	282.7	287.3	1.7	39.5	0.9	105.
1.5	17.0	1221.7	874.0	-0.4	-12.9	257.5	8.1	8.0	1.8	283.7	288.2	1.6	38.2	0.9	97.
1.7	18.0	1313.6	864.0	-1.2	-13.2	268.9	10.7	10.7	0.2	283.8	288.3	1.6	39.2	1.1	97.
2.1	19.0	1406.3	854.0	-2.1	-13.2	279.2	14.8	14.6	-2.4	283.8	288.3	1.6	42.2	1.5	97.
2.5	20.0	1499.8	844.0	-2.9	-13.9	284.1	13.9	13.5	-3.4	283.9	288.2	1.5	42.1	1.8	98.
3.0	21.0	1613.1	832.0	-3.5	-14.2	288.5	15.3	14.5	-4.9	284.4	288.7	1.5	43.7	2.2	100.
3.3	22.0	1708.7	822.0	-3.8	-15.5	288.2	16.8	16.0	-5.3	285.1	289.0	1.4	39.4	2.5	101.
3.6	23.0	1805.3	812.0	-3.9	-17.0	288.4	17.5	16.6	-5.5	285.9	289.4	1.2	35.3	2.8	102.
4.0	24.0	1903.0	802.0	-4.4	-19.2	289.6	16.4	15.4	-5.5	286.4	289.4	1.0	30.3	3.3	103.
4.4	25.0	1991.7	793.0	-5.3	-20.0	292.4	16.1	14.9	-6.1	286.3	289.2	1.0	30.3	3.6	103.
4.9	26.0	2121.3	780.0	-6.1	-20.5	295.3	17.8	16.1	-7.6	286.9	289.7	1.0	30.7	4.1	105.
5.2	27.0	2212.0	771.0	-6.9	-21.2	297.5	19.0	16.8	-8.8	286.9	289.5	0.9	31.1	4.4	106.
5.6	29.0	2313.7	761.0	-7.8	-21.7	300.4	20.4	17.6	-10.4	287.0	289.6	0.9	31.8	4.9	107.
5.9	29.0	2406.0	752.0	-8.6	-21.8	302.1	21.5	18.2	-11.4	287.2	289.8	0.9	33.2	5.3	108.
6.3	30.0	2509.7	742.0	-9.4	-25.3	303.3	21.2	17.7	-11.7	287.3	289.3	0.7	26.1	5.8	109.
6.6	31.0	2603.9	733.0	-9.9	-27.7	303.9	20.9	17.4	-11.7	287.8	289.4	0.5	21.7	6.2	110.
7.0	32.0	2699.2	724.0	-10.0	-27.8	304.7	21.6	17.7	-12.3	288.7	290.3	0.5	21.7	6.6	111.
7.4	33.0	2806.4	714.0	-10.1	-30.8	305.9	21.9	17.7	-12.8	289.6	290.9	0.4	16.5	7.2	112.
7.8	34.0	2904.1	705.0	-10.1	-35.4	305.6	22.1	18.0	-12.9	290.7	291.5	0.3	10.5	7.7	113.
8.2	35.0	3003.1	696.0	-10.3	-36.2	305.1	22.3	18.3	-12.9	291.6	292.4	0.2	9.8	8.2	114.
8.7	36.0	3125.6	685.0	-11.0	-32.7	305.4	22.7	18.5	-13.2	292.1	293.2	0.4	14.7	8.9	115.
9.1	37.0	3227.0	676.0	-11.9	-32.5	306.2	23.1	18.7	-13.7	292.3	293.4	0.4	16.1	9.4	115.
9.5	38.0	3329.4	667.0	-13.0	-32.3	307.3	23.4	18.6	-14.2	292.1	293.3	0.4	18.0	10.0	116.
9.9	39.0	3432.7	658.0	-14.0	-31.8	307.7	23.4	18.5	-14.3	292.2	293.4	0.4	20.3	10.5	117.
10.3	40.0	3525.5	650.0	-14.7	-24.9	307.9	23.6	18.6	-14.5	292.4	294.8	0.8	41.3	11.0	117.
10.7	41.0	3654.5	639.0	-15.9	-23.9	308.9	24.1	18.8	-15.2	292.5	295.1	0.9	50.0	11.6	118.
11.0	42.0	3761.2	630.0	-16.9	-23.3	310.4	24.8	18.9	-16.1	292.6	295.2	0.9	54.6	12.1	118.
11.4	43.0	3857.4	622.0	-15.5	-45.1	314.1	26.1	18.7	-18.1	295.1	295.5	0.1	5.8	12.6	119.
11.7	44.0	3955.2	614.0	-15.1	-46.2	316.3	26.8	18.5	-19.4	296.7	297.0	0.1	5.0	13.1	119.
12.1	45.0	4066.7	605.0	-15.6	-44.0	318.2	27.5	18.3	-20.5	297.3	297.7	0.1	6.6	13.8	120.
12.5	46.0	4167.0	597.0	-16.2	-43.3	318.1	27.9	18.6	-23.8	297.8	298.3	0.1	7.5	14.3	121.
12.9	47.0	4281.2	588.0	-17.1	-39.2	316.7	29.7	19.7	-20.9	298.0	298.7	0.2	12.6	15.0	122.
13.3	48.0	4383.7	580.0	-18.1	-34.2	315.9	29.8	20.7	-21.4	298.1	299.2	0.4	22.6	15.7	122.
13.6	49.0	4487.3	572.0	-18.9	-30.6	315.5	30.6	21.4	-21.8	298.3	300.0	0.5	34.7	16.2	123.
13.9	50.0	4592.0	564.0	-20.1	-32.3	315.4	31.2	21.9	-22.2	298.1	299.5	0.4	32.8	16.7	123.
14.3	51.0	4724.3	554.0	-21.2	-33.9	314.9	31.6	22.4	-22.3	298.3	299.6	0.4	30.7	17.5	124.
14.7	52.0	4831.6	546.0	-21.9	-36.1	314.4	31.3	22.3	-21.9	298.7	299.8	0.3	26.0	18.3	124.
15.1	53.0	4940.0	538.0	-22.8	-33.4	314.6	30.1	21.4	-21.2	298.9	300.3	0.4	37.0	19.0	125.
15.5	54.0	5049.8	530.0	-23.4	-30.9	316.1	28.1	19.5	-20.3	299.6	301.3	0.5	49.6	19.8	125.
15.9	55.0	5147.0	523.0	-23.8	-31.4	318.4	26.4	17.5	-19.8	300.2	301.9	0.5	49.0	20.4	125.
16.4	56.0	5273.7	514.0	-24.3	-32.1	319.4	26.4	17.2	-20.0	301.1	302.7	0.5	48.1	21.0	126.
16.8	57.0	5387.9	506.0	-25.1	-33.1	317.9	28.1	18.9	-20.9	301.4	302.9	0.5	46.8	21.6	126.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG







STATION NO. 562  
NORTH PLATTE, NEB

7 FEBRUARY 1975  
600 GMT

144 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
70.7	148.0	20263.9	50.0	-62.2	99.9	300.5	14.5*	12.5	-7.3	496.9	999.9	99.9	999.9	138.6	129.
72.0	149.0	20646.3	47.0	-62.2	99.9	309.0	27.5*	21.4	-17.3	505.8	999.9	99.9	999.9	140.1	129.
73.7	150.0	21054.9	44.0	-61.1	99.9	313.6	21.7*	15.7	-15.0	518.2	999.9	99.9	999.9	142.8	129.
75.5	151.0	21491.8	41.0	-62.8	99.9	165.3	4.0*	-1.0	3.9	524.5	999.9	99.9	999.9	143.9	129.
76.9	152.0	21959.2	38.0	-63.5	99.9	308.8	18.3*	14.3	-11.5	534.1	999.9	99.9	999.9	143.7	129.
78.5	153.0	22642.1	34.0	-63.5	99.9	309.0	2.0*	1.6	-1.3	551.3	999.9	99.9	999.9	144.7	129.
80.7	154.0	23207.9	31.0	-64.5	99.9	308.8	30.0*	23.4	-18.8	563.4	999.9	99.9	999.9	146.6	129.
82.4	155.0	23829.3	28.0	-64.9	99.9	284.7	9.8*	9.5	-2.5	579.0	999.9	99.9	999.9	149.0	129.
84.6	156.0	24516.4	25.0	-67.4	99.9	999.9	99.9	99.9	99.9	590.9	999.9	99.9	999.9	999.9	999.

STATION NO. 562  
NORTH PLATTE, NEB

7 FEBRUARY 1975  
1115 GMT

150 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.1	847.0	913.6	-15.0	-18.3	330.0	2.6	1.3	-2.3	265.0	267.7	1.0	76.0	0.0	0.
0.4	13.0	945.3	902.0	-6.5	-16.0	999.9	99.9	99.9	99.9	274.8	278.1	1.2	46.4	999.9	999.
0.8	14.0	1051.5	850.0	1.4	-16.1	999.9	99.9	99.9	99.9	284.0	287.5	1.2	25.7	999.9	999.
1.1	15.0	1160.7	878.0	1.2	-17.0	999.9	99.9	99.9	99.9	284.9	288.2	1.1	24.1	999.9	999.
1.6	16.0	1289.6	864.0	-0.3	-18.9	300.0	18.1	15.7	-9.0	284.7	287.5	1.0	22.8	1.5	113.
2.0	17.0	1401.4	852.0	-0.6	-19.2	305.2	21.2	17.3	-12.2	285.5	288.3	1.0	22.9	2.0	116.
2.3	18.0	1505.2	841.0	-0.9	-19.9	308.2	20.7	16.2	-12.8	286.2	288.9	0.9	22.0	2.4	118.
2.7	19.0	1619.8	829.0	-1.2	-21.1	311.8	18.5	13.8	-12.3	287.0	289.5	0.9	20.2	2.9	120.
3.2	20.0	1726.1	818.0	-2.0	-22.0	313.7	15.9	11.5	-11.0	287.3	289.6	0.8	19.8	3.3	122.
3.7	21.0	1853.1	805.0	-3.1	-23.1	311.2	15.6	11.7	-10.3	287.4	289.6	0.7	19.4	3.8	123.
4.1	22.0	1971.8	793.0	-3.9	-23.2	307.7	14.2	11.2	-8.7	287.8	290.0	0.7	20.4	4.2	124.
4.5	23.0	2071.7	783.0	-5.0	-23.4	299.9	12.2	10.6	-5.1	287.7	289.9	0.7	21.8	4.5	124.
4.9	24.0	2182.8	772.0	-5.6	-23.7	293.3	13.4	12.3	-5.3	288.2	290.4	0.7	22.3	4.8	123.
5.3	25.0	2295.1	761.0	-6.5	-25.1	287.7	14.9	14.2	-4.5	288.4	290.4	0.6	21.1	5.1	123.
5.7	26.0	2429.7	748.0	-6.8	-26.3	283.2	16.2	15.7	-3.7	289.5	291.3	0.6	19.3	5.5	121.
6.1	27.0	2534.7	738.0	-7.1	-27.4	280.0	17.1	16.9	-3.0	290.3	292.0	0.5	17.9	5.8	120.
6.5	28.0	2662.4	726.0	-7.5	-28.5	279.4	18.1	17.8	-2.9	291.2	292.7	0.5	16.5	6.2	119.
6.8	29.0	2759.4	717.0	-8.0	-30.6	279.2	17.8	17.5	-2.8	291.7	293.0	0.4	14.1	6.5	118.
7.2	30.0	2879.4	706.0	-8.5	-31.4	279.8	18.0	17.7	-3.1	292.3	293.6	0.4	13.6	6.9	117.
7.6	31.0	2978.7	697.0	-9.4	-32.5	281.2	18.9	18.5	-3.7	292.4	293.6	0.4	13.2	7.3	116.
8.0	32.0	3090.2	687.0	-10.1	-33.0	282.4	20.0	19.5	-4.3	292.8	293.9	0.3	13.3	7.8	115.
8.4	33.0	3214.5	676.0	-10.7	-32.7	282.6	21.3	20.8	-4.7	293.6	294.7	0.4	14.3	8.3	114.
8.7	34.0	3328.8	666.0	-11.9	-32.6	282.4	22.2	21.7	-4.8	293.5	294.7	0.4	15.9	8.7	114.
9.1	35.0	3432.9	657.0	-12.1	-34.1	281.7	23.0	22.6	-4.7	294.3	295.4	0.3	14.0	9.2	113.
9.6	36.0	3585.8	644.0	-11.7	-35.0	280.7	23.3	22.9	-4.3	296.5	297.5	0.3	12.4	9.9	112.
10.0	37.0	3693.6	635.0	-12.0	-36.0	279.9	22.9	22.6	-3.9	297.4	298.3	0.3	11.4	10.5	112.
10.4	38.0	3814.8	625.0	-12.7	-36.1	279.8	22.6	22.3	-3.8	297.9	298.8	0.3	12.0	11.0	111.
10.8	39.0	3925.3	616.0	-13.7	-36.4	280.6	22.8	22.5	-4.2	298.0	298.9	0.3	12.6	11.5	110.
11.2	40.0	4036.9	607.0	-14.8	-37.2	282.1	23.4	22.9	-4.9	298.0	298.8	0.3	12.7	12.0	110.
11.7	41.0	4187.8	595.0	-15.5	-38.1	284.6	23.9	23.1	-6.0	298.9	299.7	0.2	12.3	12.8	109.
12.1	42.0	4302.7	586.0	-16.3	-38.3	286.8	23.7	22.7	-6.8	299.2	300.0	0.2	12.9	13.4	109.
12.5	43.0	4419.0	577.0	-17.2	-38.5	288.9	22.9	21.6	-7.4	299.6	300.4	0.2	13.5	13.9	109.
12.9	44.0	4536.7	568.0	-17.8	-37.2	290.3	22.3	20.9	-7.8	300.1	301.0	0.3	16.5	14.5	109.
13.3	45.0	4669.2	558.0	-19.2	-36.3	291.1	22.4	20.9	-8.1	300.1	301.1	0.3	20.2	15.0	109.
13.8	46.0	4789.9	549.0	-20.3	-36.2	291.6	23.0	21.4	-8.5	300.2	301.2	0.3	22.4	15.7	110.
14.2	47.0	4912.2	540.0	-21.2	-36.8	292.1	23.8	22.1	-9.0	300.5	301.5	0.3	22.9	16.2	110.
14.6	48.0	5022.1	532.0	-22.0	-38.0	292.9	24.6	22.6	-9.6	300.8	301.7	0.3	21.7	16.8	110.
15.1	49.0	5133.4	524.0	-22.9	-38.8	294.5	24.9	22.7	-10.3	301.0	301.8	0.2	21.8	17.5	110.
15.5	50.0	5260.3	515.0	-23.5	-39.4	296.1	24.8	22.3	-10.9	301.8	302.7	0.2	21.4	18.3	110.
16.0	51.0	5403.4	505.0	-24.4	-40.7	297.6	26.1	23.1	-12.1	302.4	303.1	0.2	20.2	18.8	110.
16.4	52.0	5519.7	497.0	-24.9	-41.8	297.5	29.3	26.0	-13.5	303.2	303.8	0.2	19.0	19.4	111.
16.9	53.0	5637.6	489.0	-25.3	-44.1	297.1	33.1	29.5	-15.1	304.1	304.6	0.2	15.3	20.5	111.
17.3	54.0	5757.2	481.0	-25.7	-44.7	296.9	34.7	30.9	-15.7	305.0	305.5	0.1	14.9	21.3	111.
17.7	55.0	5878.6	473.0	-26.6	-45.4	296.7	34.9	31.2	-15.7	305.3	305.8	0.1	14.9	22.2	111.
18.2	56.0	6016.9	464.0	-28.1	-46.5	296.2	33.9	30.4	-14.9	305.2	305.7	0.1	15.1	23.2	112.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562  
NORTH PLATTE, NEB

7 FEBRUARY 1975  
1115 GMT

150 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.8	57.0	6141.4	456.0	-29.4	-47.5	295.4	33.0	29.8	-14.1	305.1	305.5	0.1	15.2	24.4	112.
19.4	58.0	6267.6	448.0	-30.0	-48.0	294.8	34.7	31.5	-14.5	305.8	306.2	0.1	15.3	25.4	112.
19.8	59.0	6379.5	441.0	-31.1	-48.5	294.0	36.8	33.6	-15.0	305.9	306.2	0.1	15.4	26.4	112.
20.3	60.0	6509.1	433.0	-32.0	-49.5	293.0	38.2	35.1	-14.9	306.3	306.7	0.1	15.5	27.6	112.
20.7	61.0	6640.7	425.0	-32.4	-49.9	293.1	38.0	35.0	-14.9	307.5	307.8	0.1	15.5	28.5	112.
21.3	62.0	6757.7	418.0	-33.2	-50.5	295.8	37.3	33.6	-16.2	307.9	308.2	0.1	15.6	29.9	112.
21.7	63.0	6876.2	411.0	-33.8	-50.7	298.6	37.3	32.8	-17.9	308.5	308.9	0.1	16.1	30.7	112.
22.1	64.0	6996.6	404.0	-34.0	-50.8	301.6	37.9	32.3	-19.9	309.9	310.2	0.1	16.2	31.6	112.
22.6	65.0	7118.8	397.0	-34.9	-49.3	304.8	39.9	32.8	-22.8	310.2	310.6	0.1	21.9	32.8	113.
23.2	66.0	7278.8	388.0	-35.2	-48.3	306.7	44.3*	35.5	-26.5	311.9	312.4	0.1	24.6	34.1	113.
23.7	67.0	7405.5	381.0	-36.0	-46.3	307.2	46.3*	36.8	-28.0	312.5	313.1	0.2	33.2	35.6	114.
24.1	68.0	7515.6	375.0	-36.5	-46.4	307.6	45.6*	36.1	-27.8	313.2	313.8	0.2	34.6	36.8	114.
24.6	69.0	7646.1	368.0	-37.3	-46.9	308.2	44.4*	34.9	-27.4	313.9	314.4	0.1	35.5	37.9	115.
25.1	70.0	7778.6	361.0	-37.8	-48.0	307.9	46.3*	36.6	-29.4	314.9	315.4	0.1	33.2	39.1	115.
25.7	71.0	7932.6	353.0	-39.4	-49.9	306.9	48.7*	38.9	-29.2	314.7	315.1	0.1	31.4	41.0	116.
26.1	72.0	8049.7	347.0	-40.4	99.9	306.2	48.7*	39.3	-28.7	315.1	999.9	99.9	999.9	42.2	116.
26.6	73.0	8188.2	340.0	-41.7	99.9	305.1	48.9*	40.0	-28.1	315.1	999.9	99.9	999.9	43.5	116.
27.0	74.0	8308.6	334.0	-43.1	99.9	304.1	50.6*	41.9	-28.4	314.8	999.9	99.9	999.9	44.6	117.
27.4	75.0	8430.4	328.0	-44.3	99.9	303.3	52.7*	44.1	-29.0	314.7	999.9	99.9	999.9	46.0	117.
27.9	76.0	8553.8	322.0	-45.5	99.9	302.7	53.9*	45.3	-29.1	314.9	999.9	99.9	999.9	47.5	117.
28.2	77.0	8679.0	316.0	-46.4	99.9	302.6	52.7*	44.4	-28.4	315.2	999.9	99.9	999.9	48.5	117.
28.8	78.0	8806.0	310.0	-47.4	99.9	302.9	47.6*	39.9	-25.8	315.5	999.9	99.9	999.9	50.6	117.
29.1	79.0	8934.8	304.0	-48.9	99.9	303.2	45.4*	38.0	-24.8	315.3	999.9	99.9	999.9	51.3	117.
29.6	80.0	9043.4	299.0	-50.2	99.9	303.3	46.3*	38.7	-25.4	314.9	999.9	99.9	999.9	52.3	118.
30.1	81.0	9219.9	291.0	-51.7	99.9	302.9	52.6*	44.1	-28.6	315.2	999.9	99.9	999.9	53.9	118.
30.5	82.0	9332.0	286.0	-53.1	99.9	302.7	57.7*	48.6	-31.2	314.8	999.9	99.9	999.9	55.1	118.
31.0	83.0	9468.3	280.0	-54.2	99.9	302.9	58.4*	49.1	-31.7	315.2	999.9	99.9	999.9	57.2	118.
31.4	84.0	9583.7	275.0	-55.0	99.9	303.5	54.2*	45.2	-29.9	315.6	999.9	99.9	999.9	58.5	118.
31.8	85.0	9700.6	270.0	-56.4	99.9	304.3	49.5*	40.9	-27.9	315.2	999.9	99.9	999.9	59.8	118.
32.4	86.0	9866.8	263.0	-57.9	99.9	305.7	46.7*	37.9	-27.3	315.4	999.9	99.9	999.9	61.2	118.
32.9	87.0	9987.5	258.0	-58.9	99.9	306.8	49.6*	39.7	-29.7	315.7	999.9	99.9	999.9	62.6	119.
33.3	88.0	10110.1	253.0	-59.8	99.9	307.6	50.6*	40.1	-30.9	316.2	999.9	99.9	999.9	63.9	119.
33.8	89.0	10234.6	248.0	-60.4	99.9	308.5	48.5*	37.9	-30.2	316.9	999.9	99.9	999.9	65.6	119.
34.3	90.0	10361.2	243.0	-61.5	99.9	308.8	45.2*	35.2	-29.3	317.2	999.9	99.9	999.9	66.8	119.
34.8	91.0	10489.9	238.0	-62.0	99.9	307.9	43.8*	34.6	-26.9	318.3	999.9	99.9	999.9	68.1	119.
35.3	92.0	10620.9	233.0	-63.1	99.9	306.4	44.3*	35.7	-26.3	318.6	999.9	99.9	999.9	69.4	120.
35.7	93.0	10727.5	229.0	-62.8	99.9	305.3	45.9*	37.4	-26.5	320.7	999.9	99.9	999.9	70.4	120.
36.3	94.0	10863.6	224.0	-62.4	99.9	304.1	49.9*	41.3	-23.0	323.3	999.9	99.9	999.9	72.1	120.
36.6	95.0	11003.4	219.0	-61.3	99.9	303.6	51.4*	42.9	-23.5	327.1	999.9	99.9	999.9	72.9	120.
37.2	96.0	11146.6	214.0	-61.3	99.9	302.5	48.5*	40.9	-26.1	329.2	999.9	99.9	999.9	75.1	120.
37.8	97.0	11293.3	209.0	-61.5	99.9	300.9	38.6*	33.1	-19.8	331.2	999.9	99.9	999.9	76.7	120.
38.3	98.0	11413.1	205.0	-61.5	99.9	298.9	33.2*	29.1	-16.1	333.0	999.9	99.9	999.9	77.6	120.
38.8	99.0	11536.1	201.0	-58.4	99.9	297.1	35.2*	31.4	-16.1	339.8	999.9	99.9	999.9	78.5	120.
39.3	100.0	11694.9	196.0	-57.6	99.9	295.5	43.7*	39.4	-13.8	343.6	999.9	99.9	999.9	79.5	120.
40.0	101.0	11858.2	191.0	-57.2	99.9	294.3	57.2*	52.2	-23.6	346.7	999.9	99.9	999.9	81.7	120.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562  
NORTH PLATTE, NEB

7 FEBRUARY 1975  
1115 GMT

150 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PNT T DG K	E PNT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
40.5	102.0	11992.1	187.0	-57.2	99.9	294.3	58.8*	53.6	-24.2	348.8	999.9	99.9	999.9	83.7	120.
41.1	103.0	12128.7	183.0	-57.7	99.9	294.3	55.6*	50.7	-22.9	350.2	999.9	99.9	999.9	85.8	119.
41.6	104.0	12268.2	179.0	-57.6	99.9	294.4	54.8*	49.9	-22.6	352.6	999.9	99.9	999.9	87.1	119.
42.0	105.0	12410.8	175.0	-57.9	99.9	294.9	54.8*	49.7	-23.1	354.4	999.9	99.9	999.9	88.9	119.
42.5	106.0	12556.5	171.0	-58.1	99.9	296.5	52.0*	47.4	-23.6	356.5	999.9	99.9	999.9	90.0	119.
43.0	107.0	12668.0	168.0	-58.2	99.9	298.1	48.1*	42.5	-22.6	358.0	999.9	99.9	999.9	92.0	119.
43.4	108.0	12819.7	164.0	-58.2	99.9	298.6	42.1*	37.0	-20.1	360.5	999.9	99.9	999.9	93.0	119.
44.0	109.0	12974.7	160.0	-59.4	99.9	297.8	35.0*	31.0	-16.3	361.0	999.9	99.9	999.9	94.2	119.
44.6	110.0	13133.7	156.0	-58.2	99.9	296.0	38.0*	34.2	-15.7	365.7	999.9	99.9	999.9	95.4	119.
45.4	111.0	13297.4	152.0	-57.6	99.9	296.0	49.6*	44.6	-21.8	369.5	999.9	99.9	999.9	97.7	119.
45.9	112.0	13423.3	149.0	-57.7	99.9	296.6	54.1*	48.3	-24.2	371.4	999.9	99.9	999.9	98.9	119.
46.4	113.0	13595.5	145.0	-56.6	99.9	297.1	55.5*	49.4	-25.3	376.3	999.9	99.9	999.9	101.1	119.
47.0	114.0	13727.9	142.0	-57.2	99.9	296.8	54.0*	49.0	-24.7	377.4	999.9	99.9	999.9	102.4	119.
47.5	115.0	13862.7	139.0	-57.9	99.9	296.5	50.1*	44.8	-22.4	378.5	999.9	99.9	999.9	104.8	119.
48.1	116.0	14047.2	135.0	-57.1	99.9	295.7	42.1*	37.9	-18.2	383.2	999.9	99.9	999.9	106.1	119.
48.7	117.0	14189.3	132.0	-57.6	99.9	293.5	43.1*	39.5	-17.2	384.7	999.9	99.9	999.9	107.3	119.
49.3	118.0	14334.4	129.0	-57.7	99.9	292.7	47.6*	43.9	-18.4	387.0	999.9	99.9	999.9	109.2	119.
49.9	119.0	14482.8	126.0	-58.1	99.9	294.4	47.8*	43.5	-19.7	389.0	999.9	99.9	999.9	110.9	119.
50.5	120.0	14634.6	123.0	-58.1	99.9	297.3	51.1*	45.4	-23.4	391.7	999.9	99.9	999.9	112.1	119.
51.1	121.0	14790.0	120.0	-58.4	99.9	298.4	50.2*	44.2	-23.9	393.8	999.9	99.9	999.9	114.8	119.
51.6	122.0	14948.9	117.0	-59.4	99.9	298.5	42.8*	37.6	-20.4	394.8	999.9	99.9	999.9	116.0	119.
52.1	123.0	15111.4	114.0	-59.8	99.9	298.0	35.9*	31.7	-15.8	397.1	999.9	99.9	999.9	117.2	119.
52.7	124.0	15221.9	112.0	-60.3	99.9	295.9	34.0*	30.6	-14.8	398.2	999.9	99.9	999.9	118.2	119.
53.2	125.0	15390.9	109.0	-61.0	99.9	294.1	35.2*	32.1	-14.3	400.0	999.9	99.9	999.9	119.3	119.
53.9	126.0	15564.7	106.0	-60.1	99.9	293.0	36.4*	33.5	-14.2	404.8	999.9	99.9	999.9	120.8	119.
54.4	127.0	15743.6	103.0	-60.8	99.9	292.7	33.6*	31.0	-12.9	406.8	999.9	99.9	999.9	122.0	118.
54.9	128.0	15865.4	101.0	-61.3	99.9	294.0	31.8*	29.1	-12.9	408.1	999.9	99.9	999.9	123.1	118.
55.3	129.0	16052.4	98.0	-61.5	99.9	296.6	36.0*	32.2	-16.1	411.3	999.9	99.9	999.9	123.2	118.
55.8	130.0	16180.3	96.0	-61.5	99.9	298.2	42.6*	37.5	-20.1	413.7	999.9	99.9	999.9	124.7	118.
56.5	131.0	16376.4	93.0	-63.0	99.9	296.3	40.7*	36.5	-18.1	414.6	999.9	99.9	999.9	126.8	118.
57.0	132.0	16510.4	91.0	-62.6	99.9	294.4	34.5*	31.4	-14.2	417.9	999.9	99.9	999.9	127.8	118.
57.6	133.0	16648.0	89.0	-61.0	99.9	293.8	30.6*	28.0	-12.4	423.8	999.9	99.9	999.9	128.9	118.
58.1	134.0	16789.5	87.0	-60.1	99.9	292.3	24.4*	22.6	-9.2	428.4	999.9	99.9	999.9	130.0	118.
58.8	135.0	17008.5	84.0	-60.1	99.9	292.9	16.4*	15.1	-5.4	432.7	999.9	99.9	999.9	130.5	118.
59.4	136.0	17158.9	82.0	-59.9	99.9	300.1	23.2*	20.0	-11.6	436.0	999.9	99.9	999.9	131.0	118.
60.0	137.0	17312.9	80.0	-60.8	99.9	304.6	35.2*	29.0	-20.0	437.3	999.9	99.9	999.9	132.1	118.
60.7	138.0	17550.2	77.0	-61.5	99.9	308.3	35.4*	27.8	-21.9	440.6	999.9	99.9	999.9	133.9	118.
61.4	139.0	17796.5	74.0	-61.7	99.9	311.3	20.4*	15.3	-13.4	445.3	999.9	99.9	999.9	135.6	118.
62.1	140.0	17966.2	72.0	-61.7	99.9	308.2	18.3*	14.4	-11.3	448.8	999.9	99.9	999.9	135.2	119.
62.8	141.0	18140.7	70.0	-61.7	99.9	304.7	34.1*	28.0	-19.4	452.4	999.9	99.9	999.9	136.6	119.
63.4	142.0	18412.9	67.0	-60.3	99.9	299.4	32.9*	28.6	-16.2	461.2	999.9	99.9	999.9	138.3	119.
64.0	143.0	18601.7	65.0	-60.6	99.9	282.6	17.7*	17.3	-3.9	464.5	999.9	99.9	999.9	139.8	119.
64.8	144.0	18795.9	63.0	-61.3	99.9	283.4	19.4*	18.9	-4.5	467.1	999.9	99.9	999.9	139.4	118.
65.6	145.0	18995.9	61.0	-61.7	99.9	293.8	35.5*	32.5	-14.3	470.6	999.9	99.9	999.9	140.9	118.
66.4	146.0	19307.5	58.0	-62.8	99.9	292.7	38.1*	35.2	-14.7	475.0	999.9	99.9	999.9	143.0	118.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562  
NORTH PLATTE, NEB

7 FEBRUARY 1975  
1115 GMT

150 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.1	147.0	19523.6	56.0	-63.1	99.9	287.3	21.9*	20.9	-5.5	478.9	999.9	99.9	999.9	144.5	118.
67.9	148.0	19747.2	54.0	-63.3	99.9	176.8	4.7*	-0.3	4.7	483.5	999.9	99.9	999.9	144.7	118.
68.7	149.0	19980.1	52.0	-61.5	99.9	266.9	4.4*	4.4	0.2	493.0	999.9	99.9	999.9	144.2	118.
69.3	150.0	20222.5	50.0	-63.0	99.9	296.0	14.4*	12.9	-6.3	495.1	999.9	99.9	999.9	144.7	118.
70.1	151.0	20473.6	48.0	-63.3	99.9	303.1	24.4*	20.5	-13.3	500.1	999.9	99.9	999.9	145.7	118.
71.0	152.0	20734.9	46.0	-63.7	99.9	325.5	15.2*	8.6	-12.5	505.3	999.9	99.9	999.9	147.6	118.
72.0	153.0	21009.4	44.0	-61.0	99.9	325.6	15.3*	8.4	-12.8	518.4	999.9	99.9	999.9	147.6	118.
73.0	154.0	21298.3	42.0	-61.3	99.9	328.3	6.5*	3.4	-5.5	524.5	999.9	99.9	999.9	147.8	119.
73.9	155.0	21600.9	40.0	-61.5	99.9	347.8	1.8*	0.4	-1.8	531.4	999.9	99.9	999.9	148.4	119.
74.7	156.0	21918.5	38.0	-62.0	99.9	304.1	14.7*	12.2	-3.3	537.9	999.9	99.9	999.9	148.3	119.
75.7	157.0	22251.8	36.0	-63.3	99.9	300.7	23.6*	20.3	-12.0	543.0	999.9	99.9	999.9	150.0	119.
76.8	158.0	22784.2	33.0	-65.2	99.9	309.2	21.1*	16.4	-13.3	551.6	999.9	99.9	999.9	152.1	119.
78.1	159.0	23164.8	31.0	-65.4	99.9	349.4	9.8*	1.8	-9.6	561.1	999.9	99.9	999.9	152.6	119.
79.3	160.0	23570.8	29.0	-65.2	99.9	999.9	99.9	99.9	99.9	572.4	999.9	99.9	999.9	999.9	999.
80.7	161.0	24005.8	27.0	-65.4	99.9	999.9	99.9	99.9	99.9	583.7	999.9	99.9	999.9	999.9	999.

STATION NO. 606  
PORTLAND, ME

5 FEBRUARY 1975  
2315 GMT

151 30. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	20.0	1013.3	-3.3	-5.5	20.0	3.6	-1.2	-3.4	269.2	275.5	2.5	85.0	0.3	0.
0.1	5.0	38.0	1011.0	-3.1	-4.3	177.9	2.0	-0.1	2.0	269.6	276.6	2.8	91.3	0.5	204.
0.5	6.0	148.3	997.0	-4.0	-4.0	177.9	2.0	-0.1	2.0	269.8	277.0	2.9	100.6	0.5	204.
0.9	7.0	244.0	985.0	-4.0	-4.0	96.9	3.0	-3.0	0.4	270.7	278.1	2.9	100.6	0.4	207.
1.3	8.0	341.1	973.0	-2.4	-2.4	89.2	6.0	-6.0	-0.1	273.3	281.6	3.3	100.8	0.5	219.
1.7	9.0	431.4	962.0	-2.6	-2.6	93.2	8.1	-8.0	0.4	274.0	282.4	3.3	100.8	0.6	231.
2.1	10.0	522.7	951.0	-2.4	-2.4	99.1	9.1	-9.0	1.4	275.1	283.7	3.4	100.8	0.8	243.
2.5	11.0	640.4	937.0	-3.1	-3.1	102.1	10.0	-9.7	2.1	275.6	284.0	3.3	100.7	1.0	249.
2.9	12.0	742.5	925.0	-3.7	-3.7	111.1	9.8	-9.2	3.5	276.0	284.1	3.2	100.6	1.2	257.
3.2	13.0	837.0	914.0	-4.3	-4.3	116.6	9.9	-8.8	4.4	276.3	284.2	3.0	100.5	1.3	262.
3.6	14.0	923.7	904.0	-4.9	-4.9	123.9	10.3	-8.6	5.7	276.5	284.2	2.9	100.4	1.5	267.
3.9	15.0	1020.0	893.0	-5.0	-5.0	131.1	11.2	-8.4	7.3	277.3	285.0	2.9	100.4	1.7	271.
4.3	16.0	1144.4	879.0	-5.0	-5.0	143.1	11.7	-7.0	9.4	278.6	286.4	3.0	100.4	1.9	277.
4.7	17.0	1243.4	868.0	-5.0	-5.0	150.8	11.6	-5.6	10.1	279.6	287.6	3.0	100.4	2.1	284.
5.1	18.0	1334.6	858.0	-5.2	-5.2	152.8	10.5	-4.8	9.4	280.4	288.4	3.0	100.4	2.3	289.
5.4	19.0	1436.1	847.0	-5.2	-5.2	152.0	9.7	-4.5	8.6	281.4	289.6	3.1	100.4	2.4	292.
5.8	20.0	1538.9	836.0	-5.2	-5.2	159.8	8.5	-2.9	8.0	282.4	290.8	3.1	100.4	2.6	295.
6.2	21.0	1662.1	823.0	-5.2	-5.2	174.2	7.3	-0.7	7.3	283.7	292.2	3.2	100.4	2.7	298.
6.5	22.0	1758.3	813.0	-5.2	-5.2	188.8	6.6	1.0	6.5	284.7	293.3	3.2	100.4	2.8	300.
6.9	23.0	1865.4	802.0	-5.2	-5.2	207.7	5.3	2.4	4.7	285.8	294.6	3.2	100.4	2.8	304.
7.3	24.0	1964.0	792.0	-5.5	-5.5	224.5	4.4	3.1	3.2	286.5	295.2	3.2	100.3	2.8	306.
7.7	25.0	2063.7	782.0	-6.4	-6.4	230.4	5.4	4.2	3.5	286.6	294.9	3.0	100.2	2.8	308.
8.1	26.0	2195.0	769.0	-5.8	-5.8	228.4	7.8	5.9	5.2	288.6	297.5	3.2	100.3	2.7	311.
8.4	27.0	2287.5	760.0	-5.5	-5.5	229.7	9.2	7.0	6.0	289.9	299.1	3.3	100.3	2.7	314.
8.8	28.0	2402.0	749.0	-5.8	-5.8	231.6	10.7	8.4	6.6	290.8	300.0	3.3	100.3	2.7	320.
9.2	29.0	2496.7	740.0	-6.2	-6.2	233.2	11.6	9.3	7.0	291.3	300.3	3.2	100.2	2.7	326.
9.5	30.0	2592.5	731.0	-6.7	-6.7	234.2	12.1	9.8	7.1	291.9	300.7	3.2	100.2	2.7	330.
9.9	31.0	2710.8	720.0	-7.7	-7.7	234.3	12.1	9.8	7.1	292.0	300.3	3.0	100.0	2.8	337.
10.3	32.0	2808.8	711.0	-8.1	-8.1	233.5	12.1	9.7	7.2	292.5	300.7	2.9	99.9	2.8	342.
10.6	33.0	2918.8	701.0	-8.4	-8.4	237.5	12.1	9.6	7.3	293.4	301.5	2.9	99.9	2.9	346.
11.0	34.0	3030.3	691.0	-8.9	-8.9	230.6	12.3	9.5	7.8	294.1	302.1	2.8	99.8	3.0	351.
11.4	35.0	3131.9	682.0	-9.6	-9.6	228.2	12.7	9.5	8.5	294.4	302.0	2.7	99.7	3.2	356.
11.8	36.0	3257.5	671.0	-10.0	-10.2	225.6	13.4	9.6	9.4	295.2	302.7	2.6	98.9	3.4	360.
12.2	37.0	3373.3	661.0	-10.6	-10.8	223.2	14.4	9.8	10.5	295.9	303.1	2.5	98.6	3.6	3.
12.6	38.0	3478.7	652.0	-11.6	-11.8	221.3	15.6	10.3	11.7	295.9	302.7	2.4	98.2	3.9	6.
12.9	39.0	3585.2	643.0	-12.0	-12.3	220.7	16.8	10.9	12.7	296.6	303.3	2.3	98.1	4.2	9.
13.2	40.0	3693.1	634.0	-12.3	-12.5	221.3	17.7	11.6	13.3	297.4	304.1	2.3	98.1	4.4	11.
13.7	41.0	3827.0	623.0	-12.6	-12.9	224.5	18.3	12.8	13.0	298.6	305.2	2.3	97.5	5.0	14.
14.0	42.0	3938.1	614.0	-13.0	-13.3	227.7	18.1	13.4	12.2	299.3	305.9	2.2	97.5	5.3	16.
14.5	43.0	4050.7	605.0	-13.6	-13.9	234.6	17.5	14.3	10.2	300.0	306.3	2.2	97.4	5.7	19.
14.8	44.0	4164.7	596.0	-14.0	-14.3	237.8	17.6	14.9	9.4	300.7	307.0	2.1	97.3	5.9	21.
15.2	45.0	4280.1	587.0	-15.1	-15.5	240.7	17.8	15.5	8.7	300.7	306.5	1.9	96.7	6.3	23.
15.7	46.0	4383.8	579.0	-15.9	-16.4	241.3	18.4	16.2	8.8	300.9	306.4	1.8	95.9	6.7	26.
16.0	47.0	4488.6	571.0	-16.6	-17.2	240.7	18.8	16.4	9.2	301.3	306.5	1.7	95.4	6.9	28.
16.4	48.0	4607.8	562.0	-17.8	-18.5	239.1	19.0	16.3	9.7	301.2	306.0	1.6	94.2	7.4	30.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

5 FEBRUARY 1975  
2315 GMT

151 30. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.9	49.0	4714.9	554.0	-18.5	-19.3	238.1	18.9	16.0	10.0	301.6	306.2	1.5	93.4	7.9	32.
17.4	50.0	4823.4	546.0	-19.3	-20.2	239.9	18.9	16.2	9.8	301.9	306.2	1.4	92.9	8.4	33.
17.9	51.0	4960.7	536.0	-20.0	-20.9	241.9	19.5	17.2	9.2	302.7	306.8	1.3	92.5	8.9	35.
18.3	52.0	5071.8	528.0	-22.0	-23.1	245.4	20.4	18.6	8.5	301.5	305.0	1.1	90.6	9.3	36.
18.7	53.0	5198.0	519.0	-23.4	-26.8	248.7	21.5	20.0	7.8	301.4	303.9	0.8	73.0	9.8	38.
19.1	54.0	5311.5	511.0	-24.6	-29.3	251.4	22.5	21.3	7.2	301.2	303.3	0.7	64.7	10.2	39.
19.4	55.0	5411.9	504.0	-25.0	-29.5	252.6	23.0	22.0	6.9	301.9	304.0	0.7	65.8	10.6	41.
19.9	56.0	5557.5	494.0	-25.2	-29.4	252.9	23.3	22.3	6.9	303.3	305.5	0.7	67.9	11.2	43.
20.3	57.0	5675.9	486.0	-26.2	-29.9	252.1	23.4	22.2	7.2	303.6	305.7	0.7	70.5	11.6	44.
20.8	58.0	5795.8	478.0	-27.2	-30.6	251.0	23.6	22.3	7.7	303.7	305.7	0.6	72.6	12.3	46.
21.2	59.0	5901.8	471.0	-28.3	-31.6	250.7	23.7	22.4	7.8	303.7	305.6	0.6	73.3	12.8	47.
21.6	60.0	6024.5	463.0	-29.2	-32.8	250.8	23.5	22.2	7.7	304.0	305.7	0.5	70.8	13.3	48.
22.0	61.0	6148.8	455.0	-30.2	-34.1	251.2	22.8	21.6	7.4	304.4	305.9	0.5	68.4	13.9	49.
22.5	62.0	6259.1	448.0	-30.7	-34.1	251.1	22.3	21.1	7.2	305.0	306.6	0.5	71.9	14.4	50.
22.9	63.0	6386.8	440.0	-31.6	-36.0	250.2	23.0	21.7	7.8	305.4	306.7	0.4	64.8	14.9	50.
23.4	64.0	6500.1	433.0	-32.7	-37.4	249.1	24.4	22.8	8.7	305.5	306.6	0.3	62.2	15.6	51.
23.8	65.0	6631.1	425.0	-33.8	-39.1	248.7	25.2	23.5	9.1	305.7	306.7	0.3	58.1	16.2	52.
24.3	66.0	6780.9	416.0	-34.7	-41.1	249.0	25.5	23.8	9.2	306.2	307.0	0.2	52.7	17.0	53.
24.7	67.0	6916.2	408.0	-35.8	-42.6	249.7	25.6	24.0	8.9	306.7	307.4	0.2	49.3	17.5	53.
25.2	68.0	7036.3	401.0	-36.8	-43.9	250.8	25.7	24.3	8.5	307.0	307.6	0.2	46.9	18.3	54.
25.6	69.0	7157.9	394.0	-37.8	-44.7	251.6	26.1	24.7	8.2	307.1	307.7	0.2	48.0	18.9	54.
26.1	70.0	7281.2	387.0	-38.9	-45.4	252.6	26.8	25.6	8.0	307.2	307.8	0.2	49.7	19.6	55.
26.7	71.0	7424.1	379.0	-40.3	99.9	254.0	27.7	26.6	7.6	307.3	999.9	99.9	999.9	20.5	56.
27.1	72.0	7550.9	372.0	-41.3	99.9	255.3	27.9	27.0	7.1	307.6	999.9	99.9	999.9	21.2	57.
27.5	73.0	7679.6	365.0	-42.4	99.9	256.6	27.9	27.1	6.5	307.8	999.9	99.9	999.9	21.9	57.
28.0	74.0	7791.3	359.0	-43.7	99.9	257.3	28.6	27.9	6.3	307.5	999.9	99.9	999.9	22.6	58.
28.4	75.0	7904.3	353.0	-44.7	99.9	256.7	30.1	29.3	6.9	307.7	999.9	99.9	999.9	23.2	58.
28.9	76.0	8038.0	346.0	-45.9	99.9	255.7	32.3	31.3	8.0	307.9	999.9	99.9	999.9	24.1	59.
29.3	77.0	8154.2	340.0	-46.9	99.9	254.7	33.7	32.5	8.9	308.0	999.9	99.9	999.9	24.9	60.
29.8	78.0	8291.6	333.0	-48.1	99.9	253.5	34.7	33.2	9.8	308.2	999.9	99.9	999.9	25.9	60.
30.2	79.0	8411.2	327.0	-49.2	99.9	252.6	34.9	33.3	10.4	308.3	999.9	99.9	999.9	26.8	61.
30.7	80.0	8532.5	321.0	-50.0	99.9	251.7	35.2	33.5	11.0	308.9	999.9	99.9	999.9	27.8	61.
31.3	81.0	8697.0	313.0	-51.2	99.9	251.2	35.3	33.5	11.4	309.4	999.9	99.9	999.9	29.0	62.
31.8	82.0	8822.5	307.0	-52.3	99.9	251.1	34.4	32.5	11.2	309.6	999.9	99.9	999.9	30.1	62.
32.3	83.0	8950.0	301.0	-53.1	99.9	250.9	34.1	32.2	11.2	310.2	999.9	99.9	999.9	31.1	62.
32.9	84.0	9057.7	296.0	-54.1	99.9	250.7	38.0	35.8	12.6	310.3	999.9	99.9	999.9	32.2	62.
33.4	85.0	9189.0	290.0	-54.4	99.9	251.4	43.5	41.2	13.9	311.7	999.9	99.9	999.9	33.4	63.
33.9	86.0	9345.4	283.0	-54.7	99.9	253.4	46.8	44.9	13.4	313.4	999.9	99.9	999.9	34.9	63.
34.4	87.0	9482.3	277.0	-55.4	99.9	255.8	48.2	46.7	11.8	314.3	999.9	99.9	999.9	36.3	64.
35.0	88.0	9598.3	272.0	-55.9	99.9	257.2	50.6	49.4	11.3	315.2	999.9	99.9	999.9	37.9	64.
35.6	89.0	9740.2	266.0	-56.3	99.9	256.6	52.8	51.3	12.2	316.8	999.9	99.9	999.9	39.8	65.
36.2	90.0	9884.8	260.0	-57.1	99.9	256.1	51.7	50.2	12.5	317.6	999.9	99.9	999.9	41.8	65.
36.8	91.0	10007.5	255.0	-57.8	99.9	255.6	50.6	49.0	12.6	318.3	999.9	99.9	999.9	43.5	66.
37.5	92.0	10132.3	250.0	-58.2	99.9	255.1	52.9	51.2	13.6	319.6	999.9	99.9	999.9	45.6	66.
38.1	93.0	10259.4	245.0	-58.5	99.9	255.0	56.1	54.2	14.5	320.9	999.9	99.9	999.9	47.5	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

5 FEBRUARY 1975  
2315 GMT

151 30. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.7	94.0	10415.2	239.0	-58.9	99.9	255.3	55.7	53.9	14.1	322.7	999.9	99.9	999.9	49.7	67.
39.4	95.0	10547.9	234.0	-58.7	99.9	255.6	54.5	52.8	13.5	324.9	999.9	99.9	999.9	51.8	67.
40.1	96.0	10711.2	228.0	-58.3	99.9	255.2	60.1	58.1	15.4	327.9	999.9	99.9	999.9	54.0	68.
40.7	97.0	10850.7	223.0	-58.5	99.9	255.1	61.4	59.4	15.8	329.7	999.9	99.9	999.9	56.5	68.
41.3	98.0	10993.3	218.0	-58.3	99.9	255.9	55.9*	54.2	13.6	332.1	999.9	99.9	999.9	58.7	69.
42.0	99.0	11139.1	213.0	-58.9	99.9	257.3	52.7*	51.4	11.6	333.5	999.9	99.9	999.9	60.7	68.
42.7	100.0	11258.3	209.0	-58.3	99.9	258.1	55.2*	54.0	11.3	336.1	999.9	99.9	999.9	63.0	69.
43.6	101.0	11441.8	203.0	-57.6	99.9	258.4	54.0*	52.9	10.8	340.1	999.9	99.9	999.9	66.0	69.
44.1	102.0	11567.5	199.0	-57.5	99.9	257.9	50.9*	49.7	10.7	342.3	999.9	99.9	999.9	67.6	70.
44.7	103.0	11728.2	194.0	-57.6	99.9	257.2	44.8*	43.7	9.9	344.5	999.9	99.9	999.9	69.4	70.
45.2	104.0	11859.5	190.0	-58.3	99.9	256.6	41.5*	40.4	9.6	345.4	999.9	99.9	999.9	70.6	70.
46.0	105.0	11993.3	186.0	-58.7	99.9	254.9	51.3*	49.5	13.4	347.0	999.9	99.9	999.9	72.0	70.
46.7	106.0	12129.7	182.0	-59.2	99.9	255.1	58.1*	56.1	14.9	348.2	999.9	99.9	999.9	75.1	70.
47.3	107.0	12304.2	177.0	-59.2	99.9	257.2	50.2*	49.0	11.1	351.0	999.9	99.9	999.9	77.2	70.
48.1	108.0	12447.4	173.0	-59.4	99.9	259.2	46.6*	45.8	8.7	353.0	999.9	99.9	999.9	79.0	71.
48.8	109.0	12593.7	169.0	-59.8	99.9	258.7	57.6*	56.5	11.3	354.8	999.9	99.9	999.9	81.1	71.
49.4	110.0	12743.4	165.0	-59.8	99.9	258.7	65.1*	63.8	12.8	357.2	999.9	99.9	999.9	83.5	71.
50.3	111.0	12935.8	160.0	-59.6	99.9	260.0	61.4*	60.4	10.7	360.7	999.9	99.9	999.9	87.1	71.
50.9	112.0	13094.0	156.0	-60.1	99.9	263.7	53.8*	53.5	5.9	362.4	999.9	99.9	999.9	89.3	71.
51.7	113.0	13256.1	152.0	-60.1	99.9	270.4	47.1*	47.1	-0.3	365.1	999.9	99.9	999.9	91.3	72.
52.3	114.0	13422.3	148.0	-60.7	99.9	272.9	43.8*	43.8	-2.2	366.9	999.9	99.9	999.9	92.9	72.
53.0	115.0	13549.8	145.0	-60.5	99.9	273.6	38.5*	38.4	-2.4	369.4	999.9	99.9	999.9	94.6	73.
53.8	116.0	13768.1	140.0	-60.9	99.9	270.1	43.6*	43.6	-0.0	372.5	999.9	99.9	999.9	96.0	73.
54.5	117.0	13902.9	137.0	-60.7	99.9	267.1	55.6*	55.6	2.8	375.1	999.9	99.9	999.9	98.1	73.
55.2	118.0	14087.2	133.0	-60.9	99.9	266.4	56.2*	56.1	3.5	378.0	999.9	99.9	999.9	100.8	74.
55.9	119.0	14229.0	130.0	-61.2	99.9	264.8	56.9*	56.6	5.1	379.8	999.9	99.9	999.9	102.7	74.
56.7	120.0	14422.9	126.0	-61.4	99.9	263.7	51.7*	51.4	5.7	382.9	999.9	99.9	999.9	105.8	74.
57.5	121.0	14571.9	123.0	-62.6	99.9	999.9	99.9	99.9	99.9	383.4	999.9	99.9	999.9	999.9	999.
58.3	122.0	14723.9	120.0	-63.4	99.9	999.9	99.9	99.9	99.9	384.7	999.9	99.9	999.9	999.9	999.
59.0	123.0	14879.9	117.0	-62.2	99.9	999.9	99.9	99.9	99.9	389.7	999.9	99.9	999.9	999.9	999.
59.8	124.0	15040.5	114.0	-62.0	99.9	999.9	99.9	99.9	99.9	392.9	999.9	99.9	999.9	999.9	999.
60.4	125.0	15261.6	110.0	-61.6	99.9	999.9	99.9	99.9	99.9	397.7	999.9	99.9	999.9	999.9	999.
61.3	126.0	15491.0	106.0	-61.8	99.9	999.9	99.9	99.9	99.9	401.6	999.9	99.9	999.9	999.9	999.
62.1	127.0	15668.1	103.0	-63.4	99.9	999.9	99.9	99.9	99.9	401.9	999.9	99.9	999.9	999.9	999.
63.0	128.0	15788.6	101.0	-63.4	99.9	999.9	99.9	99.9	99.9	404.2	999.9	99.9	999.9	999.9	999.
63.9	129.0	15973.8	98.0	-63.6	99.9	999.9	99.9	99.9	99.9	407.3	999.9	99.9	999.9	999.9	999.
64.8	130.0	16164.3	95.0	-64.3	99.9	999.9	99.9	99.9	99.9	409.4	999.9	99.9	999.9	999.9	999.
65.9	131.0	16426.8	91.0	-65.4	99.9	999.9	99.9	99.9	99.9	412.4	999.9	99.9	999.9	999.9	999.
66.7	132.0	16561.9	89.0	-65.8	99.9	999.9	99.9	99.9	99.9	414.2	999.9	99.9	999.9	999.9	999.
67.5	133.0	16770.3	86.0	-65.6	99.9	999.9	99.9	99.9	99.9	418.7	999.9	99.9	999.9	999.9	999.
68.4	134.0	16986.0	83.0	-66.0	99.9	999.9	99.9	99.9	99.9	422.2	999.9	99.9	999.9	999.9	999.
69.2	135.0	17134.1	81.0	-65.8	99.9	999.9	99.9	99.9	99.9	425.6	999.9	99.9	999.9	999.9	999.
70.2	136.0	17441.8	77.0	-65.6	99.9	999.9	99.9	99.9	99.9	432.2	999.9	99.9	999.9	999.9	999.
71.3	137.0	17683.5	74.0	-65.6	99.9	999.9	99.9	99.9	99.9	437.1	999.9	99.9	999.9	999.9	999.
72.3	138.0	17849.5	72.0	-67.0	99.9	999.9	99.9	99.9	99.9	437.4	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 606  
PORTLAND, ME

5 FEBRUARY 1975  
2315 GMT

151 30. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	D/R DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
73.4	139.0	18106.2	69.0	-67.5	99.9	999.9	99.9	99.9	99.9	441.9	999.9	99.9	999.9	999.9	999.
74.7	140.0	18374.1	66.0	-67.3	99.9	999.9	99.9	99.9	99.9	448.0	999.9	99.9	999.9	999.9	999.
75.7	141.0	18654.5	63.0	-67.5	99.9	999.9	99.9	99.9	99.9	453.5	999.9	99.9	999.9	999.9	999.
76.8	142.0	18947.4	60.0	-69.0	99.9	999.9	99.9	99.9	99.9	456.5	999.9	99.9	999.9	999.9	999.
78.0	143.0	19150.0	58.0	-69.2	99.9	999.9	99.9	99.9	99.9	460.4	999.9	99.9	999.9	999.9	999.
79.5	144.0	19467.6	55.0	-68.8	99.9	999.9	99.9	99.9	99.9	468.5	999.9	99.9	999.9	999.9	999.
81.1	145.0	19804.2	52.0	-67.7	99.9	999.9	99.9	99.9	99.9	478.6	999.9	99.9	999.9	999.9	999.
82.7	146.0	20040.0	50.0	-68.1	99.9	999.9	99.9	99.9	99.9	483.0	999.9	99.9	999.9	999.9	999.
83.9	147.0	20411.6	47.0	-68.1	99.9	999.9	99.9	99.9	99.9	491.6	999.9	99.9	999.9	999.9	999.
85.3	148.0	20672.9	45.0	-67.9	99.9	999.9	99.9	99.9	99.9	498.3	999.9	99.9	999.9	999.9	999.
87.0	149.0	21086.4	42.0	-69.2	99.9	999.9	99.9	99.9	99.9	504.9	999.9	99.9	999.9	999.9	999.
88.7	150.0	21379.1	40.0	-67.5	99.9	999.9	99.9	99.9	99.9	516.4	999.9	99.9	999.9	999.9	999.
90.8	151.0	21850.0	37.0	-66.4	99.9	999.9	99.9	99.9	99.9	530.8	999.9	99.9	999.9	999.9	999.
93.0	152.0	22186.2	35.0	-66.8	99.9	999.9	99.9	99.9	99.9	538.2	999.9	99.9	999.9	999.9	999.
95.1	153.0	22729.7	32.0	-65.4	99.9	999.9	99.9	99.9	99.9	556.1	999.9	99.9	999.9	999.9	999.
97.1	154.0	23123.6	30.0	-64.1	99.9	999.9	99.9	99.9	99.9	569.8	999.9	99.9	999.9	999.9	999.







STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
515 GMT

140 50. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
74.5	140.0	18920.6	61.0	-66.2	99.9	272.7	28.0*	28.0	-1.3	460.5	999.9	99.9	999.9	129.6	75.
75.7	141.0	19227.1	58.0	-65.1	99.9	267.2	32.8*	32.8	1.6	469.8	999.9	99.9	999.9	131.6	75.
76.8	142.0	19550.5	55.0	-65.5	99.9	264.0	33.2*	33.1	3.5	476.1	999.9	99.9	999.9	134.4	75.
78.2	143.0	19775.4	53.0	-66.2	99.9	999.9	99.9	99.9	99.9	479.4	999.9	99.9	999.9	999.9	999.
79.5	144.0	20127.9	50.0	-67.0	99.9	999.9	99.9	99.9	99.9	485.5	999.9	99.9	999.9	999.9	999.



STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
1115 GMT

151 20. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.0	50.0	4750.3	543.0	-21.4	-22.9	241.4	9.6	8.4	4.6	299.9	303.3	1.1	87.6	4.3	278.
16.7	51.0	4887.1	533.0	-22.6	-24.2	238.6	10.2	8.7	5.3	300.0	303.1	1.0	86.8	3.9	282.
16.9	52.0	5011.9	524.0	-23.5	-25.2	237.8	10.3	8.7	5.5	300.4	303.3	0.9	86.1	3.8	283.
17.3	53.0	5124.2	516.0	-24.6	-26.3	237.0	10.4	8.7	5.6	300.4	303.1	0.9	85.4	3.7	286.
17.7	54.0	5237.8	508.0	-25.4	-27.2	237.1	10.5	8.8	5.7	300.8	303.3	0.8	84.6	3.5	289.
18.0	55.0	5352.9	500.0	-26.3	-28.2	237.6	10.6	9.0	5.7	301.0	303.3	0.7	83.5	3.4	291.
18.5	56.0	5498.6	490.0	-27.5	-29.5	239.2	11.1	9.6	5.7	301.3	303.4	0.7	82.5	3.2	296.
18.9	57.0	5616.9	482.0	-28.4	-30.6	240.6	11.8	10.3	5.8	301.6	303.5	0.6	81.3	3.1	300.
19.2	58.0	5721.7	475.0	-28.8	-31.1	241.5	12.2	10.7	5.8	302.3	304.3	0.6	80.6	3.0	304.
19.7	59.0	5843.1	467.0	-29.7	-32.1	242.7	12.6	11.2	5.8	302.7	304.4	0.5	79.7	2.8	311.
20.0	60.0	5966.2	459.0	-30.4	-32.9	243.3	12.6	11.3	5.7	303.4	305.0	0.5	78.3	2.7	315.
20.5	61.0	6075.3	452.0	-31.3	-33.9	244.4	12.3	11.1	5.3	303.5	305.1	0.5	77.6	2.6	323.
20.9	62.0	6201.6	444.0	-32.5	-35.3	245.7	12.3	11.2	5.0	303.6	305.0	0.4	75.2	2.6	330.
21.3	63.0	6329.5	436.0	-33.4	-36.4	246.5	12.1	11.1	4.8	304.0	305.3	0.4	74.2	2.6	336.
21.8	64.0	6443.0	429.0	-34.3	-37.4	245.9	11.6	10.6	4.8	304.2	305.4	0.4	73.2	2.6	345.
22.1	65.0	6557.9	422.0	-35.4	-38.5	244.4	11.3	10.1	4.9	304.3	305.4	0.3	72.3	2.6	349.
22.7	66.0	6707.6	413.0	-36.7	-39.9	238.9	10.6	9.1	5.5	304.5	305.4	0.3	71.6	2.7	357.
23.1	67.0	6842.8	405.0	-37.9	-41.1	235.1	10.6	8.7	6.1	304.7	305.5	0.3	71.6	2.9	1.
23.5	68.0	6962.7	398.0	-38.9	-42.3	232.3	10.9	8.6	6.7	304.8	305.6	0.2	70.2	3.0	4.
23.9	69.0	7084.2	391.0	-40.0	99.9	231.7	11.9	9.3	7.3	305.0	999.9	99.9	999.9	3.2	8.
24.2	70.0	7207.3	384.0	-41.0	99.9	232.4	12.9	10.2	7.8	305.3	999.9	99.9	999.9	3.4	10.
24.7	71.0	7350.1	376.0	-42.0	99.9	234.8	15.1	12.3	8.7	305.7	999.9	99.9	999.9	3.7	15.
25.0	72.0	7477.1	369.0	-43.1	99.9	236.6	16.6	13.9	9.2	305.9	999.9	99.9	999.9	3.9	17.
25.4	73.0	7605.7	362.0	-44.5	99.9	239.4	19.1	16.4	9.7	305.7	999.9	99.9	999.9	4.3	21.
25.8	74.0	7717.4	356.0	-45.6	99.9	242.3	21.1	18.7	9.8	305.7	999.9	99.9	999.9	4.6	25.
26.2	75.0	7849.5	349.0	-46.2	99.9	247.0	21.2	19.5	8.3	306.7	999.9	99.9	999.9	5.1	29.
26.7	76.0	7964.6	343.0	-47.2	99.9	258.9	18.0	17.7	3.5	306.9	999.9	99.9	999.9	5.7	33.
27.1	77.0	8100.9	336.0	-47.8	99.9	271.4	15.8	15.7	-0.4	307.9	999.9	99.9	999.9	6.1	36.
27.6	78.0	8219.5	330.0	-48.8	99.9	262.5	20.1	19.9	2.6	308.1	999.9	99.9	999.9	5.8	40.
28.1	79.0	8360.3	323.0	-49.2	99.9	244.7	38.0	34.4	16.3	309.4	999.9	99.9	999.9	6.0	44.
28.7	80.0	8483.1	317.0	-49.8	99.9	240.3	56.2	48.8	27.9	310.2	999.9	99.9	999.9	8.5	47.
29.3	81.0	8650.3	309.0	-49.9	99.9	243.7	54.4	48.8	24.1	312.3	999.9	99.9	999.9	10.8	50.
29.9	82.0	8778.4	303.0	-50.4	99.9	248.9	48.2	45.0	17.4	313.4	999.9	99.9	999.9	12.3	52.
30.3	83.0	8908.7	297.0	-51.1	99.9	250.4	47.7	44.9	16.0	314.2	999.9	99.9	999.9	13.4	54.
30.9	84.0	9041.3	291.0	-51.4	99.9	250.7	49.5	46.7	16.4	315.6	999.9	99.9	999.9	15.1	56.
31.5	85.0	9176.5	285.0	-51.9	99.9	250.5	51.7	48.8	17.2	316.8	999.9	99.9	999.9	16.8	57.
32.0	86.0	9360.7	277.0	-52.6	99.9	251.0	52.5	49.6	17.1	318.3	999.9	99.9	999.9	18.5	58.
32.6	87.0	9478.2	272.0	-53.1	99.9	251.5	52.9	50.2	16.8	319.3	999.9	99.9	999.9	20.2	60.
33.1	88.0	9621.9	266.0	-53.3	99.9	251.3	53.6	50.8	17.2	321.2	999.9	99.9	999.9	21.8	61.
33.7	89.0	9768.8	260.0	-53.6	99.9	251.6	53.3	50.6	16.9	322.8	999.9	99.9	999.9	23.7	61.
34.2	90.0	9893.7	255.0	-53.4	99.9	252.4	51.9	49.4	15.7	324.8	999.9	99.9	999.9	25.3	62.
34.9	91.0	10047.0	249.0	-53.3	99.9	252.9	50.4	48.2	14.8	327.3	999.9	99.9	999.9	27.4	63.
35.5	92.0	10177.6	244.0	-53.6	99.9	252.1	50.5	48.0	15.5	328.7	999.9	99.9	999.9	29.1	64.
35.9	93.0	10310.7	239.0	-53.6	99.9	251.3	49.6	47.0	15.9	330.7	999.9	99.9	999.9	30.4	64.
36.4	94.0	10474.1	233.0	-53.9	99.9	250.7	48.0	45.3	15.8	332.6	999.9	99.9	999.9	31.9	64.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG





STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
1115 GMT

151 20. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
68.8	140.0	19182.6	58.0	-63.5	99.9	254.9	30.3*	29.3	7.9	473.4	999.9	99.9	999.9	110.8	71.
69.8	141.0	19507.8	55.0	-64.8	99.9	254.1	30.3*	29.1	8.3	477.6	999.9	99.9	999.9	112.6	71.
70.8	142.0	19849.3	52.0	-65.8	99.9	260.1	35.6*	35.0	6.1	483.1	999.9	99.9	999.9	114.4	71.
71.7	143.0	20087.1	50.0	-66.5	99.9	264.4	41.6*	41.4	4.1	486.7	999.9	99.9	999.9	116.6	71.
72.7	144.0	20461.0	47.0	-67.1	99.9	269.7	36.8*	36.8	0.2	493.9	999.9	99.9	999.9	118.9	72.
73.8	145.0	20858.8	44.0	-67.3	99.9	276.1	30.6*	30.4	-3.2	502.9	999.9	99.9	999.9	121.0	72.
75.0	146.0	21140.0	42.0	-66.3	99.9	270.3	40.9*	40.9	-0.2	512.1	999.9	99.9	999.9	122.7	72.
76.1	147.0	21591.2	39.0	-64.2	99.9	270.7	39.7*	39.7	-0.5	528.4	999.9	99.9	999.9	126.3	73.
77.5	148.0	21915.0	37.0	-62.0	99.9	265.7	31.2*	31.1	2.3	542.1	999.9	99.9	999.9	128.2	73.
78.7	149.0	22436.4	34.0	-63.3	99.9	254.8	35.6*	34.3	9.3	552.0	999.9	99.9	999.9	131.0	73.
79.8	150.0	22808.6	32.0	-63.9	99.9	253.4	38.6*	37.0	11.0	560.2	999.9	99.9	999.9	133.2	73.
81.0	151.0	23408.5	29.0	-66.3	99.9	256.6	36.8*	35.8	8.5	569.3	999.9	99.9	999.9	136.4	73.
82.4	152.0	23840.9	27.0	-66.7	99.9	264.7	36.3*	36.2	3.3	579.9	999.9	99.9	999.9	138.8	73.
83.9	153.0	24555.7	24.0	-65.2	99.9	269.6	36.3*	36.3	0.3	604.3	999.9	99.9	999.9	142.5	74.
85.7	154.0	25088.4	22.0	-63.1	99.9	999.9	99.9	99.9	99.9	625.7	999.9	99.9	999.9	999.9	999.
87.2	155.0	25677.1	20.0	-61.5	99.9	999.9	99.9	99.9	99.9	648.0	999.9	99.9	999.9	999.9	999.

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
1515 GMT

152 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	20.0	998.5	-2.2	-3.3	10.0	5.7	-1.0	-5.6	271.4	279.1	3.0	92.0	0.0	0.
0.2	7.0	104.0	998.0	-2.8	-3.3	999.9	99.9	99.9	99.9	271.6	279.4	3.0	96.5	999.9	999.
0.6	8.0	200.7	976.0	-3.8	-4.1	999.9	99.9	99.9	99.9	271.6	279.0	2.9	97.5	999.9	999.
0.9	9.0	298.4	964.0	-4.4	-4.5	999.9	99.9	99.9	99.9	272.0	279.3	2.8	99.2	999.9	999.
1.4	10.0	388.9	953.0	-4.4	-4.4	999.9	99.9	99.9	99.9	272.9	280.3	2.9	99.5	999.9	999.
1.7	11.0	514.0	938.0	-4.4	-4.4	999.9	99.9	99.9	99.9	274.1	281.7	2.9	99.5	999.9	999.
2.1	12.0	607.1	927.0	-4.4	-4.4	74.4	10.9	-10.5	-3.0	275.1	282.7	3.0	99.5	1.3	213.
2.5	13.0	709.9	915.0	-4.2	-4.2	91.1	11.9	-11.9	0.2	276.2	284.2	3.1	99.8	1.5	221.
2.7	14.0	805.3	904.0	-4.4	-4.4	94.3	12.1	-12.1	0.9	277.0	285.0	3.1	99.7	1.6	226.
3.1	15.0	901.9	893.0	-4.4	-4.5	100.9	12.4	-12.2	2.3	278.0	286.1	3.1	99.2	1.8	233.
3.6	16.0	1026.5	879.0	-4.5	-4.6	109.9	12.1	-11.3	4.1	279.1	287.2	3.1	99.2	2.0	242.
3.9	17.0	1125.5	868.0	-5.6	-5.7	114.5	11.3	-10.3	4.7	279.0	286.6	2.9	99.3	2.2	246.
4.4	18.0	1225.6	857.0	-5.9	-6.0	125.3	8.5	-7.0	4.9	279.7	287.3	2.9	99.3	2.4	252.
4.6	19.0	1326.9	846.0	-6.0	-6.2	128.4	7.5	-5.9	4.7	280.6	288.2	2.9	99.0	2.4	254.
4.9	20.0	1429.5	835.0	-6.0	-6.2	128.2	6.2	-4.9	3.8	281.6	289.3	2.9	99.0	2.5	257.
5.4	21.0	1553.1	822.0	-3.6	-3.7	110.1	6.3	-5.9	2.2	285.5	295.0	3.5	99.4	2.6	259.
5.7	22.0	1659.7	811.0	-3.1	-3.2	103.5	7.0	-6.8	1.6	287.1	297.2	3.7	99.4	2.7	260.
6.1	23.0	1758.0	801.0	-3.4	-3.5	100.2	7.6	-7.5	1.3	287.8	297.8	3.7	99.4	2.9	261.
6.4	24.0	1867.5	790.0	-3.6	-3.7	100.5	7.0	-6.8	1.3	288.8	298.8	3.7	99.4	3.0	262.
6.7	25.0	1968.2	780.0	-4.2	-4.3	98.3	6.0	-5.9	0.9	289.2	298.9	3.6	99.3	3.1	263.
7.2	26.0	2100.8	767.0	-4.5	-4.6	89.7	4.5	-4.5	-0.0	290.2	300.0	3.5	99.2	3.3	264.
7.5	27.0	2214.5	756.0	-5.4	-5.5	82.5	3.9	-3.8	-0.5	290.4	299.7	3.3	99.1	3.3	264.
7.9	28.0	2319.0	746.0	-5.9	-6.0	77.2	3.9	-3.8	-0.9	291.0	300.1	3.3	99.0	3.4	263.
8.3	29.0	2424.7	736.0	-6.8	-6.9	78.4	4.2	-4.1	-0.8	291.2	299.8	3.1	98.9	3.5	263.
8.6	30.0	2531.5	726.0	-7.4	-7.5	81.6	4.6	-4.5	-0.7	291.7	300.0	3.0	98.8	3.6	263.
8.9	31.0	2639.6	716.0	-8.1	-8.3	86.1	4.9	-4.9	-0.3	292.0	300.0	2.9	98.7	3.7	263.
9.4	32.0	2748.8	706.0	-8.7	-8.9	94.7	5.2	-5.2	0.4	292.5	300.3	2.8	98.6	3.8	263.
9.6	33.0	2859.5	696.0	-9.0	-9.1	99.0	5.1	-5.1	0.8	293.4	301.1	2.7	98.6	3.9	263.
10.0	34.0	2960.1	687.0	-10.0	-10.2	110.0	4.8	-4.5	1.6	293.3	300.6	2.6	98.4	4.0	263.
10.4	35.0	3073.3	677.0	-10.1	-10.3	127.5	4.0	-3.2	2.4	294.4	301.7	2.6	98.4	4.1	265.
10.9	36.0	3211.2	665.0	-10.5	-10.8	156.7	3.3	-1.3	3.0	295.4	302.6	2.5	98.3	4.2	266.
11.3	37.0	3327.8	655.0	-11.3	-11.5	180.7	3.1	0.0	3.1	295.9	302.8	2.4	98.2	4.2	267.
11.6	38.0	3433.9	646.0	-11.8	-12.2	195.7	3.2	0.9	3.1	296.4	303.1	2.3	97.4	4.2	268.
11.9	39.0	3553.3	636.0	-12.8	-13.1	205.1	3.6	1.5	3.2	296.6	302.9	2.2	97.5	4.1	269.
12.3	40.0	3649.8	628.0	-13.4	-13.8	208.6	4.3	2.1	3.8	297.0	303.1	2.1	96.7	4.1	270.
12.7	41.0	3796.5	616.0	-14.4	-14.9	206.0	5.0	2.2	4.5	297.5	303.2	2.0	95.7	4.0	271.
13.1	42.0	3908.1	607.0	-14.9	-15.4	200.4	5.6	1.9	5.2	298.1	303.6	1.9	95.6	4.0	273.
13.5	43.0	4033.7	597.0	-15.7	-16.3	194.7	5.9	1.5	5.7	298.5	303.8	1.8	95.7	3.9	275.
13.8	44.0	4135.3	589.0	-16.7	-17.3	194.7	6.0	1.5	5.8	298.5	303.5	1.7	95.4	3.9	276.
14.2	45.0	4251.0	580.0	-17.4	-18.1	198.4	6.2	1.9	5.8	299.0	303.8	1.6	94.1	3.9	279.
14.6	46.0	4368.0	571.0	-18.3	-19.2	206.3	6.5	2.9	5.8	299.2	303.6	1.5	93.1	3.9	281.
14.8	47.0	4486.5	562.0	-19.2	-20.3	211.2	6.7	3.5	5.8	299.6	303.7	1.4	90.8	3.9	282.
15.3	48.0	4593.1	554.0	-20.1	-21.4	221.6	7.7	5.1	5.7	299.7	303.5	1.2	89.3	3.8	285.
15.6	49.0	4714.3	545.0	-21.0	-22.4	226.9	8.5	6.2	5.8	300.0	303.5	1.2	88.7	3.7	287.
15.9	50.0	4837.2	536.0	-21.8	-23.3	231.4	9.4	7.3	5.8	300.5	303.8	1.1	88.0	3.7	289.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG.

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
1515 GMT

152 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.4	51.0	4975.6	526.0	-22.7	-24.2	237.1	11.1	9.3	6.0	301.1	304.3	1.0	87.3	3.5	293.
16.7	52.0	5087.9	518.0	-23.9	-25.5	238.6	12.1	10.3	6.3	301.0	303.8	0.9	86.1	3.3	296.
17.2	53.0	5215.8	509.0	-24.5	-26.2	238.3	13.5	11.5	7.1	301.7	304.4	0.9	85.5	3.1	302.
17.6	54.0	5331.0	501.0	-25.3	-27.1	236.7	14.2	11.8	7.8	302.1	304.6	0.8	85.1	3.0	307.
17.8	55.0	5447.6	493.0	-26.5	-28.3	235.8	14.3	11.9	8.1	302.0	304.3	0.7	84.8	2.9	311.
18.3	56.0	5595.4	483.0	-27.7	-29.5	234.9	14.6	11.9	8.4	302.3	304.4	0.7	84.6	2.9	319.
18.7	57.0	5715.3	475.0	-28.8	-30.5	235.3	14.6	12.0	8.3	302.4	304.4	0.6	84.5	2.9	326.
19.0	58.0	5836.7	467.0	-29.6	-31.4	235.9	14.5	12.0	8.1	302.9	304.8	0.6	83.8	2.9	332.
19.4	59.0	5959.7	459.0	-30.8	-32.7	237.2	14.3	12.0	7.8	302.9	304.6	0.5	82.5	2.9	338.
19.7	60.0	6068.6	452.0	-32.0	-34.0	238.2	14.2	12.1	7.5	302.7	304.2	0.5	82.1	3.0	343.
20.1	61.0	6194.5	444.0	-32.9	-34.9	239.5	13.9	12.0	7.1	303.1	304.5	0.4	82.0	3.1	349.
20.5	62.0	6322.1	436.0	-34.4	-37.0	240.3	13.3	11.6	6.6	302.8	304.0	0.4	76.9	3.2	355.
20.9	63.0	6435.1	429.0	-35.4	-38.4	239.2	12.0	10.3	6.2	302.8	303.9	0.3	73.9	3.4	0.
21.3	64.0	6566.0	421.0	-36.1	-39.2	236.1	10.6	8.8	5.9	303.6	304.6	0.3	73.0	3.5	4.
21.6	65.0	6682.2	414.0	-37.3	-40.3	233.1	9.6	7.7	5.7	303.5	304.4	0.3	73.5	3.6	6.
22.1	66.0	6833.8	405.0	-38.1	-40.9	229.9	8.6	6.6	5.5	304.3	305.2	0.3	74.8	3.8	9.
22.5	67.0	6953.6	398.0	-39.1	-42.1	231.7	8.6	6.7	5.3	304.6	305.4	0.2	72.5	4.0	10.
22.7	68.0	7075.0	391.0	-40.1	-43.9	233.9	9.1	7.4	5.4	304.9	999.9	99.9	999.9	4.0	11.
23.3	69.0	7197.9	384.0	-41.4	-45.9	238.2	11.5	9.8	6.1	304.7	999.9	99.9	999.9	4.3	14.
23.6	70.0	7322.5	377.0	-42.4	-47.9	238.8	13.2	11.3	6.9	305.0	999.9	99.9	999.9	4.4	16.
24.2	71.0	7485.4	368.0	-43.6	-49.9	237.4	16.8	14.2	9.1	305.6	999.9	99.9	999.9	4.8	21.
24.6	72.0	7595.8	362.0	-44.3	-50.9	236.3	19.2	16.0	10.7	306.1	999.9	99.9	999.9	5.2	24.
24.9	73.0	7726.5	355.0	-45.0	-51.9	235.8	21.0	17.4	11.8	306.8	999.9	99.9	999.9	5.5	26.
25.3	74.0	7859.5	348.0	-45.4	-52.9	236.3	23.1	19.2	12.8	308.0	999.9	99.9	999.9	6.0	28.
25.8	75.0	7975.4	342.0	-45.7	-53.9	239.2	25.3	21.5	13.3	309.1	999.9	99.9	999.9	6.7	31.
26.3	76.0	8113.0	335.0	-46.4	-54.9	240.5	27.2	23.7	13.4	310.0	999.9	99.9	999.9	7.4	34.
26.8	77.0	8232.8	329.0	-47.0	-55.9	242.0	29.5	26.1	13.9	310.8	999.9	99.9	999.9	8.1	37.
27.3	78.0	8375.3	322.0	-47.2	-56.9	242.6	32.5	28.9	15.0	312.5	999.9	99.9	999.9	8.9	39.
27.6	79.0	8499.6	316.0	-47.9	-57.9	242.8	34.4	30.6	15.7	313.2	999.9	99.9	999.9	9.5	41.
28.1	80.0	8625.8	310.0	-48.7	-58.9	242.9	36.9	32.9	16.8	313.8	999.9	99.9	999.9	10.5	43.
28.5	81.0	8797.7	302.0	-48.8	-59.9	243.0	38.2	34.0	17.3	316.0	999.9	99.9	999.9	11.4	45.
29.0	82.0	8907.2	297.0	-49.7	-60.9	243.3	39.2	35.0	17.6	316.2	999.9	99.9	999.9	12.5	46.
29.5	83.0	9040.6	291.0	-50.2	-61.9	243.9	40.7	36.6	17.9	317.4	999.9	99.9	999.9	13.6	48.
30.0	84.0	9176.6	285.0	-50.5	-62.9	244.8	42.7	38.7	18.2	318.9	999.9	99.9	999.9	14.8	49.
30.4	85.0	9315.1	279.0	-51.2	-63.9	245.8	44.3	40.4	18.2	319.7	999.9	99.9	999.9	15.9	50.
31.2	86.0	9480.1	272.0	-51.7	-64.9	248.2	46.4	43.1	17.2	321.4	999.9	99.9	999.9	17.9	52.
31.5	87.0	9624.7	266.0	-52.0	-65.9	249.1	47.0	43.9	16.8	323.0	999.9	99.9	999.9	18.8	53.
32.2	88.0	9747.6	261.0	-52.2	-66.9	249.6	47.4	44.5	16.6	324.5	999.9	99.9	999.9	20.7	55.
32.6	89.0	9898.1	255.0	-52.0	-67.9	249.2	47.2	44.2	16.8	326.9	999.9	99.9	999.9	21.8	55.
33.2	90.0	10026.4	250.0	-51.9	-68.9	248.6	46.5	43.3	16.9	329.0	999.9	99.9	999.9	23.4	56.
33.6	91.0	10157.4	245.0	-51.7	-69.9	248.5	46.4	43.1	17.0	331.1	999.9	99.9	999.9	24.5	57.
34.2	92.0	10318.2	239.0	-51.9	-70.9	248.3	47.1	43.8	17.4	333.2	999.9	99.9	999.9	26.1	58.
34.5	93.0	10455.2	234.0	-51.9	-71.9	248.1	47.6	44.1	17.7	335.2	999.9	99.9	999.9	27.0	58.
35.2	94.0	10595.2	229.0	-51.9	-72.9	246.1	47.3	43.3	19.2	337.3	999.9	99.9	999.9	29.0	59.
35.7	95.0	10738.4	224.0	-51.7	-73.9	244.7	46.2	41.8	19.8	339.7	999.9	99.9	999.9	30.4	59.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
1515 GMT

152 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.4	96.0	10914.5	218.0	-51.7	99.9	244.0	45.1	40.5	19.7	342.3	999.9	99.9	999.9	32.3	59.
37.0	97.0	11064.9	213.0	-51.9	99.9	244.1	44.7	40.3	19.5	344.4	999.9	99.9	999.9	33.8	59.
37.5	98.0	11218.8	208.0	-52.0	99.9	244.5	43.8	39.6	18.9	346.5	999.9	99.9	999.9	35.4	60.
38.0	99.0	11344.4	204.0	-52.8	99.9	245.3	43.7	39.7	19.2	347.2	999.9	99.9	999.9	36.4	60.
38.5	100.0	11504.6	199.0	-52.7	99.9	245.5	44.2	40.2	18.3	349.9	999.9	99.9	999.9	37.8	60.
39.2	101.0	11668.7	194.0	-53.3	99.9	243.7	42.0	37.6	18.6	351.4	999.9	99.9	999.9	39.7	60.
39.6	102.0	11836.9	189.0	-53.1	99.9	242.2	40.5	35.8	18.9	354.3	999.9	99.9	999.9	40.7	60.
40.3	103.0	11974.7	185.0	-53.3	99.9	240.6	41.8	36.4	20.6	356.2	999.9	99.9	999.9	42.2	60.
40.7	104.0	12115.5	181.0	-53.3	99.9	240.0	43.9	38.0	21.9	358.5	999.9	99.9	999.9	43.3	60.
41.4	105.0	12295.9	176.0	-53.3	99.9	239.7	46.5	39.7	24.2	361.4	999.9	99.9	999.9	45.2	60.
42.0	106.0	12443.9	172.0	-53.3	99.9	237.1	48.3	40.5	26.2	363.7	999.9	99.9	999.9	46.9	60.
42.6	107.0	12595.5	168.0	-53.3	99.9	236.8	51.0	42.6	27.9	366.2	999.9	99.9	999.9	48.7	60.
43.3	108.0	12750.3	164.0	-54.3	99.9	238.8	54.8	46.9	28.4	367.1	999.9	99.9	999.9	50.9	60.
43.7	109.0	12908.5	160.0	-54.6	99.9	240.7	56.7	49.4	27.7	369.2	999.9	99.9	999.9	52.3	60.
44.4	110.0	13070.5	156.0	-54.8	99.9	244.8	58.2	52.6	24.8	371.6	999.9	99.9	999.9	54.7	60.
45.2	111.0	13278.9	151.0	-54.9	99.9	251.3	54.5	51.3	18.3	374.8	999.9	99.9	999.9	57.5	60.
45.6	112.0	13450.5	147.0	-54.9	99.9	252.7	50.4	48.1	15.0	377.7	999.9	99.9	999.9	58.8	61.
46.3	113.0	13582.3	144.0	-54.9	99.9	254.6	44.3	42.7	11.8	379.9	999.9	99.9	999.9	60.6	61.
46.8	114.0	13762.4	140.0	-54.9	99.9	253.7	43.6	41.8	12.2	383.0	999.9	99.9	999.9	61.8	61.
47.5	115.0	13947.3	136.0	-55.7	99.9	250.9	42.0	39.7	13.7	384.7	999.9	99.9	999.9	63.9	62.
48.4	116.0	14137.4	132.0	-55.7	99.9	246.9	40.9	37.6	16.0	388.0	999.9	99.9	999.9	65.7	62.
48.9	117.0	14283.8	129.0	-55.9	99.9	246.4	44.2	40.6	17.7	390.2	999.9	99.9	999.9	66.9	62.
49.6	118.0	14484.0	125.0	-56.4	99.9	247.2	44.1	40.6	17.1	392.9	999.9	99.9	999.9	69.2	62.
50.4	119.0	14638.1	122.0	-56.6	99.9	249.0	40.7	37.7	15.3	395.3	999.9	99.9	999.9	70.9	62.
51.0	120.0	14795.6	119.0	-57.8	99.9	247.0	42.6	39.2	16.7	395.9	999.9	99.9	999.9	72.4	62.
51.7	121.0	15011.6	115.0	-57.3	99.9	244.6	44.6	40.3	19.2	400.8	999.9	99.9	999.9	74.3	62.
52.3	122.0	15179.0	112.0	-56.6	99.9	243.9	43.2	38.8	19.0	405.1	999.9	99.9	999.9	75.9	62.
52.9	123.0	15351.3	109.0	-56.6	99.9	246.2	39.5	36.2	16.0	408.2	999.9	99.9	999.9	77.6	62.
53.5	124.0	15528.3	106.0	-56.6	99.9	249.6	38.2	35.8	13.3	411.5	999.9	99.9	999.9	78.6	63.
54.2	125.0	15710.1	103.0	-57.4	99.9	250.4	36.9	34.7	12.4	413.3	999.9	99.9	999.9	80.4	63.
55.1	126.0	15959.8	99.0	-58.3	99.9	249.2	29.1	27.2	10.3	416.3	999.9	99.9	999.9	82.1	63.
55.7	127.0	16153.5	96.0	-58.3	99.9	247.1	28.8	26.5	11.2	420.0	999.9	99.9	999.9	83.0	63.
56.5	128.0	16352.9	93.0	-59.2	99.9	246.5	27.9	25.6	11.1	422.1	999.9	99.9	999.9	84.8	63.
57.3	129.0	16488.9	91.0	-60.1	99.9	246.4	30.5	28.0	12.2	422.9	999.9	99.9	999.9	85.6	63.
58.0	130.0	16697.4	88.0	-61.5	99.9	248.0	38.2	35.5	14.3	424.1	999.9	99.9	999.9	87.3	63.
58.9	131.0	16912.2	85.0	-61.9	99.9	250.5	55.0*	51.8	18.4	427.5	999.9	99.9	999.9	88.6	63.
59.7	132.0	17134.7	82.0	-61.5	99.9	246.8	36.1*	33.2	14.2	432.7	999.9	99.9	999.9	93.4	64.
60.4	133.0	17287.6	80.0	-61.9	99.9	249.1	17.3*	16.2	6.2	435.0	999.9	99.9	999.9	92.4	63.
61.1	134.0	17524.1	77.0	-61.9	99.9	256.3	28.2*	27.4	6.7	439.8	999.9	99.9	999.9	94.1	64.
61.7	135.0	17770.0	74.0	-61.9	99.9	261.4	28.3	28.0	4.2	444.8	999.9	99.9	999.9	95.2	64.
62.6	136.0	17939.6	72.0	-61.9	99.9	264.5	25.7*	25.6	2.5	448.3	999.9	99.9	999.9	96.3	64.
63.6	137.0	18202.9	69.0	-61.9	99.9	255.4	38.9*	37.7	9.3	453.8	999.9	99.9	999.9	98.0	64.
64.6	138.0	18478.0	66.0	-61.9	99.9	254.7	34.3*	33.1	9.1	459.6	999.9	99.9	999.9	100.1	65.
65.6	139.0	18764.8	63.0	-63.4	99.9	255.1	35.4*	34.2	9.1	462.4	999.9	99.9	999.9	102.4	65.
66.5	140.0	19064.8	60.0	-63.0	99.9	259.8	35.2*	34.6	6.2	469.8	999.9	99.9	999.9	104.9	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
1515 GMT

152 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.4	141.0	19380.6	57.0	-62.9	99.9	264.6	33.4*	33.2	3.1	477.2	999.9	99.9	999.9	106.3	65.
68.4	142.0	19600.1	55.0	-63.8	99.9	270.4	30.1*	30.1	-0.2	479.8	999.9	99.9	999.9	107.8	66.
69.4	143.0	19944.0	52.0	-63.8	99.9	261.7	38.2*	37.8	5.5	487.6	999.9	99.9	999.9	109.5	66.
70.3	144.0	20183.9	50.0	-64.8	99.9	261.3	37.2*	36.0	5.6	490.8	999.9	99.9	999.9	111.9	66.
71.3	145.0	20561.5	47.0	-64.8	99.9	261.2	29.5*	29.1	4.5	499.5	999.9	99.9	999.9	113.8	67.
72.3	146.0	20826.7	45.0	-65.2	99.9	254.7	28.9*	27.8	7.6	504.8	999.9	99.9	999.9	115.3	67.
73.4	147.0	21247.1	42.0	-65.0	99.9	255.0	30.8*	29.8	8.0	515.4	999.9	99.9	999.9	117.4	67.
74.9	148.0	21700.2	39.0	-63.8	99.9	260.9	28.3*	28.0	4.6	529.4	999.9	99.9	999.9	120.7	67.
76.0	149.0	22023.0	37.0	-63.8	99.9	260.1	32.3*	31.8	5.6	537.5	999.9	99.9	999.9	121.5	67.
77.3	150.0	22542.0	34.0	-63.4	99.9	263.2	26.4*	26.2	3.1	551.6	999.9	99.9	999.9	124.1	68.
78.5	151.0	22914.9	32.0	-63.8	99.9	256.4	33.9*	32.9	8.0	560.2	999.9	99.9	999.9	126.1	68.
79.8	152.0	23515.6	29.0	-65.2	99.9	256.4	33.7*	32.8	8.0	572.4	999.9	99.9	999.9	129.2	68.
81.2	153.0	23250.3	27.0	-65.8	99.9	257.7	26.4*	25.8	5.6	582.5	999.9	99.9	999.9	131.5	68.
82.8	154.0	24417.6	25.0	-65.8	99.9	256.4	31.8*	30.9	7.5	595.5	999.9	99.9	999.9	134.0	68.
84.6	155.0	25200.6	22.0	-62.3	99.9	255.1	35.0*	33.6	9.0	628.2	999.9	99.9	999.9	138.0	69.
86.2	156.0	25790.6	20.0	-61.3	99.9	250.6	48.9	46.2	16.2	648.4	999.9	99.9	999.9	141.6	69.
88.4	157.0	26801.1	17.0	-60.4	99.9	999.9	99.9	99.9	99.9	682.2	999.9	99.9	999.9	999.9	999.

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
1715 GMT

150 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	20.0	996.5	1.7	0.1	360.0	5.1	0.0	-5.1	275.6	285.5	3.9	89.0	0.0	0.
0.3	7.0	96.7	987.0	-2.4	-3.3	3.9	8.2	-0.6	-8.2	272.2	279.9	3.0	93.2	0.2	172.
0.6	8.0	185.6	976.0	-3.3	-3.4	6.6	8.2	-1.0	-8.2	272.1	279.9	3.1	99.4	0.2	174.
1.0	9.0	283.5	964.0	-3.7	-4.0	17.3	8.5	-2.5	-8.1	272.6	280.2	2.9	98.0	0.4	179.
1.3	10.0	374.1	953.0	-4.4	-4.5	31.9	8.1	-4.3	-6.9	272.9	280.3	2.9	99.2	0.6	187.
1.8	11.0	482.6	940.0	-3.6	-3.6	64.3	6.8	-6.1	-3.0	274.8	282.8	3.1	100.6	0.8	198.
2.1	12.0	575.7	929.0	-3.6	-3.6	87.4	6.6	-6.6	-0.3	275.7	283.9	3.2	100.6	0.9	205.
2.6	13.0	670.0	918.0	-3.4	-3.4	109.4	6.7	-6.3	2.2	276.8	285.2	3.2	101.2	0.9	218.
2.8	14.0	756.6	908.0	-3.7	-3.7	112.7	6.4	-5.9	2.5	277.3	285.7	3.2	101.1	0.9	223.
3.2	15.0	852.9	897.0	-4.2	-4.2	120.3	6.1	-5.3	3.1	277.8	286.0	3.1	101.1	1.0	231.
3.7	16.0	976.9	883.0	-4.7	-4.7	130.9	6.0	-4.5	3.9	278.6	286.6	3.1	101.0	1.0	241.
4.0	17.0	1066.6	873.0	-5.1	-5.1	133.7	5.7	-3.8	4.3	279.0	286.9	3.0	100.9	1.1	246.
4.4	18.0	1166.2	862.0	-5.7	-5.7	165.3	3.9	-1.0	3.8	279.4	287.0	2.9	100.8	1.1	253.
4.7	19.0	1257.7	852.0	-5.9	-5.9	200.0	3.3	1.1	3.1	280.2	287.8	2.9	100.8	1.1	256.
5.0	20.0	1350.3	842.0	-6.3	-6.3	233.9	4.1	3.3	2.4	280.6	288.2	2.8	100.7	1.1	258.
5.5	21.0	1472.1	829.0	-6.3	-6.3	253.5	7.2	6.9	2.0	281.9	289.6	2.9	100.7	0.9	260.
5.9	22.0	1576.5	818.0	-6.9	-6.9	255.2	9.5	9.2	2.4	282.3	289.8	2.8	100.6	0.7	261.
6.3	23.0	1682.2	807.0	-7.2	-7.2	254.4	9.3	8.9	2.5	283.1	290.5	2.8	100.6	0.4	264.
6.6	24.0	1779.4	797.0	-7.7	-7.7	999.9	99.9	99.9	99.9	283.6	290.9	2.7	100.5	999.9	999.
6.9	25.0	1877.7	787.0	-8.0	-8.0	999.9	99.9	99.9	99.9	284.3	291.6	2.7	100.5	999.9	999.
7.3	26.0	1957.2	775.0	-8.3	-8.3	999.9	99.9	99.9	99.9	285.2	292.5	2.6	100.5	999.9	999.
7.5	27.0	2097.9	765.0	-9.1	-9.1	999.9	99.9	99.9	99.9	285.3	292.2	2.5	100.3	999.9	999.
7.8	28.0	2199.8	755.0	-9.6	-9.6	999.9	99.9	99.9	99.9	285.9	292.7	2.4	100.3	999.9	999.
8.0	29.0	2302.7	745.0	-10.2	-10.2	999.9	99.9	99.9	99.9	286.4	292.9	2.4	100.2	999.9	999.
8.4	30.0	2406.8	735.0	-10.6*	99.9	999.9	99.9	99.9	99.9	286.7	999.9	99.9	999.9	999.9	999.
8.8	31.0	2501.5	726.0	-11.0*	99.9	999.9	99.9	99.9	99.9	287.3	999.9	99.9	999.9	999.9	999.
9.1	32.0	2607.9	716.0	-11.5*	99.9	999.9	99.9	99.9	99.9	287.9	999.9	99.9	999.9	999.9	999.
9.5	33.0	2715.6	706.0	-11.9*	99.9	999.9	99.9	99.9	99.9	288.6	999.9	99.9	999.9	999.9	999.
9.9	34.0	2813.7	697.0	-12.4*	99.9	999.9	99.9	99.9	99.9	289.1	999.9	99.9	999.9	999.9	999.
10.3	35.0	2912.9	688.0	-12.8*	99.9	999.9	99.9	99.9	99.9	289.7	999.9	99.9	999.9	999.9	999.
10.6	36.0	3046.9	676.0	-13.3*	99.9	999.9	99.9	99.9	99.9	290.7	999.9	99.9	999.9	999.9	999.
11.0	37.0	3148.8	667.0	-13.7*	99.9	999.9	99.9	99.9	99.9	291.3	999.9	99.9	999.9	999.9	999.
11.4	38.0	3252.0	658.0	-14.2*	99.9	999.9	99.9	99.9	99.9	291.9	999.9	99.9	999.9	999.9	999.
11.8	39.0	3356.4	649.0	-14.6*	99.9	999.9	99.9	99.9	99.9	292.6	999.9	99.9	999.9	999.9	999.
12.1	40.0	3462.0	640.0	-15.1*	99.9	999.9	99.9	99.9	99.9	293.2	999.9	99.9	999.9	999.9	999.
12.5	41.0	3605.0	628.0	-15.5*	99.9	999.9	99.9	99.9	99.9	294.3	999.9	99.9	999.9	999.9	999.
12.9	42.0	3701.7	620.0	-16.0*	99.9	999.9	99.9	99.9	99.9	294.9	999.9	99.9	999.9	999.9	999.
13.3	43.0	3811.7	611.0	-16.4*	99.9	999.9	99.9	99.9	99.9	295.6	999.9	99.9	999.9	999.9	999.
13.6	44.0	3923.2	602.0	-16.8*	99.9	999.9	99.9	99.9	99.9	296.4	999.9	99.9	999.9	999.9	999.
14.0	45.0	4036.2	593.0	-17.3	99.9	999.9	99.9	99.9	99.9	297.1	999.9	99.9	999.9	999.9	999.
14.2	46.0	4150.7	584.0	-18.1	-21.1	999.9	99.9	99.9	99.9	297.6	301.2	1.2	77.2	999.9	999.
14.5	47.0	4253.7	576.0	-18.7	-21.7	999.9	99.9	99.9	99.9	298.1	301.6	1.2	76.4	999.9	999.
14.9	48.0	4357.9	568.0	-19.5	-22.7	999.9	99.9	99.9	99.9	298.3	301.6	1.1	75.2	999.9	999.
15.1	49.0	4476.4	559.0	-20.3	-22.9	999.9	99.9	99.9	99.9	298.7	302.0	1.1	79.0	999.9	999.
15.5	50.0	4583.0	551.0	-21.3	-24.3	999.9	99.9	99.9	99.9	298.7	301.6	1.0	76.7	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
1715 GMT

150 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.0	51.0	4731.7	540.0	-22.0	-25.1	999.9	99.9	99.9	99.9	299.6	302.4	0.9	75.7	999.9	999.
16.4	52.0	4841.4	532.0	-22.7	-25.7	999.9	99.9	99.9	99.9	300.1	302.8	0.9	76.5	999.9	999.
16.8	53.0	4952.4	524.0	-23.3	-26.4	999.9	99.9	99.9	99.9	300.6	303.2	0.8	75.8	999.9	999.
17.3	54.0	5064.8	516.0	-24.4	-28.4	999.9	99.9	99.9	99.9	300.6	302.8	0.7	69.2	999.9	999.
17.7	55.0	5178.5	508.0	-25.3	-29.4	999.9	99.9	99.9	99.9	300.8	302.9	0.7	68.5	999.9	999.
18.2	56.0	5322.7	498.0	-26.0	-30.0	999.9	99.9	99.9	99.9	301.7	303.7	0.6	68.4	999.9	999.
18.6	57.0	5439.7	490.0	-27.0	-31.0	999.9	99.9	99.9	99.9	301.8	303.7	0.6	68.8	999.9	999.
19.0	58.0	5558.1	482.0	-28.2	-32.3	999.9	99.9	99.9	99.9	301.8	303.5	0.5	67.8	999.9	999.
19.5	59.0	5662.9	475.0	-29.3	-33.2	999.9	99.9	99.9	99.9	301.7	303.3	0.5	68.2	999.9	999.
19.9	60.0	5784.0	467.0	-30.2	-34.5	999.9	99.9	99.9	99.9	302.1	303.5	0.4	65.5	999.9	999.
20.2	61.0	5891.3	460.0	-31.2	-35.8	999.9	99.9	99.9	99.9	302.1	303.3	0.4	63.5	999.9	999.
20.6	62.0	5999.8	453.0	-32.2	-37.3	999.9	99.9	99.9	99.9	302.2	303.3	0.3	59.9	999.9	999.
21.0	63.0	6125.4	445.0	-33.0	-38.4	999.9	99.9	99.9	99.9	302.8	303.8	0.3	57.8	999.9	999.
21.5	64.0	6268.8	436.0	-34.1	-39.4	248.7	6.8	6.4	2.5	303.0	304.0	0.3	58.6	6.8	74.
21.8	65.0	6381.9	429.0	-34.9	-40.2	242.0	5.6	5.0	2.6	303.4	304.3	0.3	58.5	6.9	74.
22.3	66.0	6529.5	420.0	-36.3	-41.5	227.5	3.8	2.8	2.5	303.6	304.3	0.2	58.3	7.0	73.
22.7	67.0	6645.8	413.0	-37.3	-42.5	209.1	2.4	1.2	2.1	303.6	304.4	0.2	58.1	7.1	73.
23.0	68.0	6763.6	406.0	-38.4	-43.3	182.0	1.7	0.1	1.7	303.7	304.4	0.2	59.4	7.1	72.
23.6	69.0	6883.0	399.0	-39.4	-43.8	143.3	1.2	-0.7	1.0	304.0	304.7	0.2	62.0	7.0	72.
23.9	70.0	7003.9	392.0	-40.6	99.9	145.0	1.1	-0.6	0.9	304.0	999.9	99.9	999.9	7.0	72.
24.4	71.0	7144.0	384.0	-41.9	99.9	186.1	1.2	0.1	1.2	304.0	999.9	99.9	999.9	7.0	72.
24.7	72.0	7268.3	377.0	-42.9	99.9	211.1	1.9	1.0	1.6	304.3	999.9	99.9	999.9	7.0	72.
25.1	73.0	7394.4	370.0	-43.9	99.9	226.9	3.4	2.5	2.3	304.7	999.9	99.9	999.9	7.0	71.
25.5	74.0	7522.4	363.0	-44.9	99.9	234.9	5.5	4.5	3.2	305.0	999.9	99.9	999.9	7.1	71.
25.9	75.0	7633.6	357.0	-45.9	99.9	239.6	8.1	7.0	4.1	305.2	999.9	99.9	999.9	7.3	71.
26.4	76.0	7765.2	350.0	-46.7	99.9	242.9	11.6	10.3	5.3	305.7	999.9	99.9	999.9	7.6	70.
26.7	77.0	7879.9	344.0	-46.7	99.9	244.7	13.9	12.6	5.9	307.3	999.9	99.9	999.9	7.8	70.
27.2	78.0	8016.2	337.0	-46.9	99.9	247.3	18.0	16.6	7.0	308.9	999.9	99.9	999.9	8.3	70.
27.7	79.0	8135.3	331.0	-46.7	99.9	249.4	22.7	21.2	8.0	310.7	999.9	99.9	999.9	8.9	70.
28.2	80.0	8256.7	325.0	-46.4	99.9	250.6	27.3	25.7	9.1	312.7	999.9	99.9	999.9	9.6	70.
28.6	81.0	8422.0	317.0	-47.0	99.9	250.6	30.4	28.7	10.1	314.1	999.9	99.9	999.9	10.4	70.
29.1	82.0	8548.4	311.0	-47.6	99.9	249.4	32.9	30.8	11.6	315.0	999.9	99.9	999.9	11.3	70.
29.6	83.0	8677.1	305.0	-47.7	99.9	247.6	34.2	31.6	13.0	316.6	999.9	99.9	999.9	12.4	70.
30.1	84.0	8786.0	300.0	-48.7	99.9	246.6	34.8	32.0	13.9	316.7	999.9	99.9	999.9	13.4	70.
30.6	85.0	8918.7	294.0	-49.0	99.9	246.9	35.3	32.5	13.8	318.1	999.9	99.9	999.9	14.5	69.
31.3	86.0	9076.8	287.0	-49.3	99.9	248.1	36.5	33.8	13.6	319.9	999.9	99.9	999.9	15.9	69.
31.8	87.0	9215.4	281.0	-49.2	99.9	248.4	37.4	34.8	13.8	322.0	999.9	99.9	999.9	17.1	69.
32.4	88.0	9356.8	275.0	-49.6	99.9	248.1	38.6	35.8	14.4	323.4	999.9	99.9	999.9	18.4	69.
32.8	89.0	9476.7	270.0	-50.4	99.9	247.4	39.7	36.7	15.2	324.0	999.9	99.9	999.9	19.3	69.
33.5	90.0	9623.5	264.0	-49.9	99.9	246.6	41.5	38.1	16.4	326.7	999.9	99.9	999.9	21.1	69.
34.0	91.0	9748.6	259.0	-49.8	99.9	246.8	42.2	38.8	16.6	328.7	999.9	99.9	999.9	22.4	69.
34.6	92.0	9902.0	253.0	-49.5	99.9	246.6	43.5	39.9	17.2	331.4	999.9	99.9	999.9	23.8	69.
35.1	93.0	10032.6	248.0	-50.1	99.9	246.3	44.4	40.7	17.8	332.4	999.9	99.9	999.9	25.2	68.
35.7	94.0	10165.7	243.0	-50.1	99.9	246.2	44.6	40.8	18.0	334.3	999.9	99.9	999.9	26.8	68.
36.2	95.0	10329.0	237.0	-50.4	99.9	245.9	44.9	41.0	18.3	336.3	999.9	99.9	999.9	28.1	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
1715 GMT

150 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.9	96.0	10496.3	231.0	-50.4	99.9	245.1	46.9	42.5	19.8	338.8	999.9	99.9	999.9	30.0	68.
37.5	97.0	10639.0	226.0	-50.5	99.9	244.8	48.8	44.1	20.8	340.6	999.9	99.9	999.9	31.8	68.
38.0	98.0	10784.8	221.0	-50.8	99.9	245.7	48.5	44.2	20.0	342.4	999.9	99.9	999.9	33.2	68.
38.6	99.0	10933.8	216.0	-50.8	99.9	246.8	46.2	42.5	18.2	344.6	999.9	99.9	999.9	35.0	68.
39.2	100.0	11055.4	212.0	-51.3	99.9	246.7	45.1	41.4	17.8	345.8	999.9	99.9	999.9	36.5	68.
39.9	101.0	11241.9	206.0	-51.4	99.9	245.9	45.1	41.1	18.4	348.4	999.9	99.9	999.9	38.5	68.
40.5	102.0	11401.5	201.0	-51.6	99.9	246.1	43.2	39.5	17.5	350.6	999.9	99.9	999.9	40.2	67.
41.0	103.0	11531.8	197.0	-52.0	99.9	247.0	43.4	39.9	17.0	351.9	999.9	99.9	999.9	41.2	67.
41.6	104.0	11698.4	192.0	-51.7	99.9	247.2	46.9	43.2	18.2	355.0	999.9	99.9	999.9	42.9	67.
42.2	105.0	11834.8	188.0	-52.0	99.9	245.8	47.0	42.8	19.2	356.6	999.9	99.9	999.9	44.8	67.
42.7	106.0	12009.3	183.0	-52.2	99.9	242.9	44.1	39.2	20.1	359.1	999.9	99.9	999.9	46.2	67.
43.3	107.0	12152.1	179.0	-53.0	99.9	237.8	41.4	35.0	22.0	361.1	999.9	99.9	999.9	47.6	67.
43.8	108.0	12297.8	175.0	-53.1	99.9	234.6	41.3	33.6	23.9	362.2	999.9	99.9	999.9	48.8	67.
44.5	109.0	12446.6	171.0	-53.8	99.9	232.8	44.0	35.1	26.6	363.6	999.9	99.9	999.9	50.4	66.
45.1	110.0	12598.5	167.0	-54.4	99.9	233.1	47.9	38.3	28.7	365.0	999.9	99.9	999.9	52.0	66.
46.0	111.0	12793.4	162.0	-54.2	99.9	236.4	49.3	41.1	27.3	368.5	999.9	99.9	999.9	54.6	65.
46.7	112.0	12953.8	158.0	-54.1	99.9	239.9	48.3	41.8	24.2	371.4	999.9	99.9	999.9	56.8	65.
47.3	113.0	13118.6	154.0	-53.3	99.9	241.6	50.8	44.7	24.2	375.4	999.9	99.9	999.9	58.3	65.
47.9	114.0	13288.3	150.0	-52.8	99.9	242.9	51.6	45.9	23.5	379.1	999.9	99.9	999.9	60.6	65.
48.6	115.0	13462.7	146.0	-52.8	99.9	245.7	48.2	43.9	19.9	382.0	999.9	99.9	999.9	62.4	65.
49.3	116.0	13641.8	142.0	-53.3	99.9	249.2	48.0	44.9	17.0	384.3	999.9	99.9	999.9	64.4	65.
49.9	117.0	13825.6	138.0	-53.8	99.9	250.9	47.9	45.3	15.6	386.6	999.9	99.9	999.9	66.3	65.
50.5	118.0	13966.9	135.0	-53.6	99.9	250.8	45.6	43.0	14.9	389.3	999.9	99.9	999.9	67.8	65.
51.0	119.0	14160.3	131.0	-53.6	99.9	249.8	43.5	40.8	15.0	392.7	999.9	99.9	999.9	69.3	65.
51.7	120.0	14308.9	128.0	-54.9	99.9	247.0	42.7	39.3	16.7	393.0	999.9	99.9	999.9	71.0	65.
52.3	121.0	14511.5	124.0	-55.7	99.9	244.6	42.6	38.5	18.2	395.1	999.9	99.9	999.9	72.6	65.
53.0	122.0	14667.9	121.0	-54.7	99.9	244.6	42.5	38.4	18.3	399.7	999.9	99.9	999.9	74.3	65.
53.7	123.0	14828.0	118.0	-56.0	99.9	246.7	42.7	39.3	16.9	400.2	999.9	99.9	999.9	76.1	65.
54.4	124.0	15047.0	114.0	-56.8	99.9	246.8	39.3	36.1	15.5	402.6	999.9	99.9	999.9	78.1	65.
55.1	125.0	15216.0	111.0	-56.6	99.9	247.0	37.9	34.9	14.8	406.0	999.9	99.9	999.9	79.3	65.
56.0	126.0	15449.1	107.0	-56.0	99.9	247.8	38.1	35.3	14.4	411.5	999.9	99.9	999.9	81.8	66.
56.7	127.0	15630.0	104.0	-56.0	99.9	246.5	35.7	32.7	14.2	414.9	999.9	99.9	999.9	83.1	66.
57.3	128.0	15815.9	101.0	-56.9	99.9	246.6	33.6	30.6	13.3	416.8	999.9	99.9	999.9	84.5	66.
57.9	129.0	16006.6	98.0	-57.6	99.9	248.1	33.3	30.9	12.5	418.8	999.9	99.9	999.9	85.4	66.
58.5	130.0	16136.7	96.0	-57.6	99.9	248.6	34.2	31.9	12.5	421.3	999.9	99.9	999.9	86.9	66.
59.3	131.0	16405.1	92.0	-58.2	99.9	249.2	38.9*	36.2	13.7	425.4	999.9	99.9	999.9	88.3	66.
60.0	132.0	16613.4	89.0	-59.0	99.9	251.3	44.7*	42.3	14.3	427.8	999.9	99.9	999.9	90.2	66.
60.7	133.0	16828.0	86.0	-60.0	99.9	254.3	42.1*	40.5	11.4	429.9	999.9	99.9	999.9	92.2	66.
61.4	134.0	16974.6	84.0	-60.9	99.9	259.2	46.5*	45.7	8.7	431.0	999.9	99.9	999.9	93.7	66.
62.1	135.0	17200.6	81.0	-61.1	99.9	259.7	45.4*	44.6	8.1	435.1	999.9	99.9	999.9	95.6	66.
62.9	136.0	17434.6	78.0	-61.8	99.9	247.3	36.1*	33.3	13.9	438.4	999.9	99.9	999.9	96.9	67.
63.8	137.0	17677.4	75.0	-61.6	99.9	251.6	33.5*	31.8	10.6	443.7	999.9	99.9	999.9	100.9	67.
64.7	138.0	17930.4	72.0	-61.5	99.9	249.3	8.1*	7.6	2.9	449.3	999.9	99.9	999.9	99.9	67.
65.7	139.0	18194.9	69.0	-60.6	99.9	248.1	35.1*	32.6	13.1	456.7	999.9	99.9	999.9	101.7	67.
66.7	140.0	18471.9	66.0	-60.2	99.9	250.7	43.2*	40.7	14.3	463.3	999.9	99.9	999.9	104.2	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
1715 GMT

150 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.6	141.0	18761.3	63.0	-61.3	99.9	253.6	33.2*	31.9	9.4	467.2	999.9	99.9	999.9	106.6	67.
68.5	142.0	19064.1	60.0	-61.3	99.9	254.7	26.4*	25.4	7.0	473.7	999.9	99.9	999.9	106.9	67.
69.5	143.0	19274.6	58.0	-61.1	99.9	252.8	73.4*	70.1	21.8	478.7	999.9	99.9	999.9	109.1	67.
70.3	144.0	19603.0	55.0	-62.9	99.9	253.0	22.9*	21.9	6.7	481.9	999.9	99.9	999.9	114.2	67.
71.2	145.0	19948.1	52.0	-63.3	99.9	253.3	6.4*	6.1	1.8	488.8	999.9	99.9	999.9	113.8	67.
72.1	146.0	20189.1	50.0	-63.5	99.9	251.6	19.7*	18.7	6.2	493.9	999.9	99.9	999.9	114.1	67.
73.1	147.0	20568.7	47.0	-63.9	99.9	252.0	40.3*	38.3	12.5	501.8	999.9	99.9	999.9	116.1	67.
74.1	148.0	20973.3	44.0	-63.7	99.9	252.3	42.5*	40.5	13.0	511.8	999.9	99.9	999.9	119.3	67.
75.1	149.0	21258.2	42.0	-64.4	99.9	258.0	32.7*	32.0	6.8	516.8	999.9	99.9	999.9	121.0	68.
76.1	150.0	21709.7	39.0	-65.8	99.9	264.4	28.0*	27.9	2.7	524.4	999.9	99.9	999.9	123.1	68.
77.3	151.0	22195.4	36.0	-66.2	99.9	254.6	40.0*	38.6	10.6	535.5	999.9	99.9	999.9	125.4	68.
78.6	152.0	22543.7	34.0	-64.1	99.9	255.5	32.6*	31.5	8.1	550.0	999.9	99.9	999.9	127.9	68.
79.9	153.0	23108.4	31.0	-64.8	99.9	257.3	33.5*	32.6	7.4	562.6	999.9	99.9	999.9	130.8	68.
81.2	154.0	23515.5	29.0	-64.6	99.9	999.9	99.9	99.9	99.9	574.0	999.9	99.9	999.9	999.9	999.
82.9	155.0	24187.0	26.0	-61.8	99.9	999.9	99.9	99.9	99.9	600.2	999.9	99.9	999.9	999.9	999.

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
2015 GMT

159 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGF KM	AZ DG
0.0	5.9	20.0	996.6	0.0	-6.9	350.0	3.6	0.6	-3.5	273.7	279.7	2.3	60.0	0.0	0.
0.1	6.0	32.9	995.0	-0.7	-3.5	999.9	99.9	99.9	99.9	273.2	280.8	3.0	81.7	999.9	999.
0.4	7.0	121.5	984.0	-1.8	-2.6	999.9	99.9	99.9	99.9	273.0	281.2	3.2	94.7	999.9	999.
0.7	8.0	202.8	974.0	-2.3	-2.8	999.9	99.9	99.9	99.9	273.3	281.5	3.2	96.4	999.9	999.
1.2	9.0	292.9	963.0	-3.4	-3.6	999.9	99.9	99.9	99.9	273.1	280.9	3.0	98.5	999.9	999.
1.5	10.0	375.5	953.0	-3.8	-4.0	999.9	99.9	99.9	99.9	273.4	281.1	3.0	98.8	999.9	999.
1.8	11.0	484.0	940.0	-4.0	-4.1	359.0	4.3	0.1	-4.3	274.3	282.1	3.0	99.3	0.5	169.
2.2	12.0	568.4	930.0	-4.6	-4.6	345.4	2.4	0.6	-2.3	274.6	282.1	2.9	100.2	0.6	171.
2.5	13.0	662.2	919.0	-4.3	-4.3	281.3	1.8	1.8	-0.4	275.8	283.7	3.0	100.2	0.6	172.
2.8	14.0	748.5	909.0	-4.3	-4.3	261.3	3.7	3.7	0.6	276.7	284.6	3.1	100.2	0.6	165.
3.1	15.0	835.8	899.0	-4.1	-4.1	256.5	5.4	5.2	1.3	277.7	285.9	3.1	100.3	0.6	157.
3.6	16.0	941.7	887.0	-4.9	-4.9	255.0	6.5	6.3	1.7	278.0	285.8	3.0	100.2	0.6	140.
3.9	17.0	1039.9	876.0	-5.4	-5.4	252.4	6.3	6.0	1.9	278.5	286.2	2.9	100.1	0.7	131.
4.2	18.0	1130.0	866.0	-6.1	-6.1	249.2	6.2	5.8	2.2	278.6	286.0	2.8	100.0	0.8	124.
4.5	19.0	1220.9	856.0	-6.5	-6.6	245.5	6.0	5.5	2.5	279.1	286.3	2.7	99.9	0.8	118.
4.9	20.0	1312.7	846.0	-7.0	-7.0	253.0	7.6	7.3	2.2	279.5	286.6	2.7	99.8	0.9	110.
5.2	21.0	1424.1	834.0	-7.9	-7.9	258.1	8.4	8.2	1.7	279.7	286.5	2.5	99.7	1.1	106.
5.5	22.0	1517.9	824.0	-8.3	-8.4	262.9	9.1	9.0	1.1	280.2	286.8	2.5	99.6	1.2	102.
5.9	23.0	1603.2	815.0	-8.5	-8.5	269.7	8.7	8.7	0.0	280.9	287.6	2.5	99.6	1.4	100.
6.3	24.0	1698.9	805.0	-9.0	-9.3	279.8	10.1	10.0	-1.7	281.3	287.7	2.4	98.3	1.6	99.
6.7	25.0	1795.7	795.0	-9.2	-9.7	288.8	12.1	11.5	-3.9	282.1	288.4	2.3	96.3	1.9	100.
7.0	26.0	1913.5	783.0	-9.0	-9.6	294.6	13.8	12.5	-5.7	283.5	289.9	2.3	95.4	2.1	101.
7.3	27.0	2003.0	774.0	-9.3	-10.2	298.0	13.0	11.5	-6.1	284.1	290.4	2.3	93.6	2.4	103.
7.7	28.0	2093.5	765.0	-9.8	-10.7	299.8	11.9	10.3	-5.9	284.6	290.7	2.2	92.8	2.7	106.
7.9	29.0	2195.1	755.0	-9.9	-11.0	298.9	11.3	9.9	-5.5	295.5	291.6	2.2	91.4	2.9	107.
8.4	30.0	2287.8	746.0	-9.0	-10.2	287.2	10.1	9.6	-3.0	287.5	294.0	2.4	91.5	3.1	109.
8.7	31.0	2381.9	737.0	-8.9	-10.0	278.1	10.2	10.1	-1.4	288.6	295.4	2.4	91.6	3.3	108.
9.0	32.0	2487.6	727.0	-9.6	-10.6	269.9	10.8	10.8	0.0	289.0	295.5	2.4	92.8	3.5	107.
9.4	33.0	2573.0	719.0	-10.3	-11.1	266.9	11.9	11.9	0.6	289.1	295.5	2.3	94.3	3.7	105.
9.8	34.0	2670.0	710.0	-11.1	-11.6	263.3	12.7	12.7	0.4	289.3	295.6	2.2	96.0	4.0	103.
10.1	35.0	2779.0	700.0	-11.3	-12.0	270.5	13.1	13.1	-0.1	290.2	296.3	2.2	95.0	4.2	102.
10.5	36.0	2900.4	689.0	-12.1	-12.8	274.4	13.4	13.3	-1.0	290.7	296.6	2.1	94.0	4.6	102.
10.8	37.0	2989.8	681.0	-12.3	-13.2	276.1	13.1	13.1	-1.4	291.3	297.1	2.0	93.1	4.8	102.
11.2	38.0	3091.5	672.0	-12.9	-14.0	277.2	12.9	12.8	-1.6	291.8	297.3	1.9	91.6	5.1	101.
11.5	39.0	3194.3	663.0	-13.3	-14.5	277.1	12.7	12.6	-1.6	292.4	297.9	1.9	91.1	5.3	101.
11.9	40.0	3298.3	654.0	-13.9	-15.0	275.9	12.6	12.5	-1.3	293.0	298.2	1.8	91.0	5.6	101.
12.3	41.0	3415.4	644.0	-14.3	-15.4	275.4	12.2	12.2	-1.2	293.8	298.9	1.8	91.0	5.9	101.
12.6	42.0	3522.0	635.0	-15.1	-16.0	275.6	11.8	11.7	-1.2	294.0	299.0	1.7	92.7	6.2	100.
13.0	43.0	3617.8	627.0	-15.5	-16.7	277.0	10.9	10.9	-1.3	294.6	299.4	1.6	90.8	6.5	100.
13.4	44.0	3714.7	619.0	-16.4	-17.7	278.4	10.4	10.3	-1.5	294.7	299.2	1.5	89.4	6.7	100.
13.8	45.0	3824.8	610.0	-16.9	-18.3	278.5	10.2	10.1	-1.5	295.3	299.7	1.5	89.1	6.9	100.
14.0	46.0	3923.9	602.0	-17.5	-18.8	278.3	10.2	10.1	-1.5	295.8	300.0	1.4	89.1	7.1	100.
14.5	47.0	4024.0	594.0	-18.0	-19.9	275.3	10.5	10.4	-1.0	296.3	300.2	1.3	84.9	7.3	100.
14.8	48.0	4125.4	586.0	-18.4	-20.8	272.4	10.8	10.8	-0.5	296.9	300.6	1.2	81.5	7.6	100.
15.2	49.0	4227.8	578.0	-19.4	-21.9	269.1	11.5	11.5	0.2	297.0	300.4	1.1	80.4	7.8	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
2015 GMT

159 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.7	50.0	4331.3	570.0	-20.2	-22.8	267.2	12.9	12.9	0.6	297.2	300.4	1.1	79.4	8.1	99.
16.1	51.0	4462.4	560.0	-20.9	-23.6	267.8	14.0	13.9	0.5	297.9	301.0	1.0	78.6	8.5	98.
16.5	52.0	4568.6	552.0	-21.5	-24.6	269.6	14.3	14.3	0.1	298.3	301.2	0.9	75.7	8.8	98.
16.9	53.0	4662.6	545.0	-22.2	-25.7	271.3	13.6	13.6	-0.3	298.6	301.3	0.9	73.2	9.2	98.
17.4	54.0	4771.2	537.0	-23.1	-26.5	272.6	12.8	12.8	-0.6	298.7	301.2	0.8	73.3	9.5	98.
17.7	55.0	4881.0	529.0	-23.7	-26.9	273.3	12.5	12.5	-0.7	299.4	301.8	0.8	74.3	9.8	98.
18.1	56.0	5006.2	520.0	-24.7	-27.9	274.0	12.1	12.1	-0.9	299.6	301.9	0.7	74.4	10.1	97.
18.4	57.0	5118.9	512.0	-25.4	-28.4	274.6	11.6	11.6	-0.9	300.1	302.3	0.7	75.3	10.3	97.
18.8	58.0	5233.1	504.0	-26.2	-29.1	274.8	10.7	10.7	-0.9	300.5	302.6	0.7	75.9	10.6	97.
19.2	59.0	5334.1	497.0	-27.1	-29.9	274.5	9.8	9.7	-0.8	300.5	302.5	0.6	76.9	10.8	97.
19.6	60.0	5436.2	490.0	-27.9	-30.5	273.8	9.0	9.0	-0.6	300.8	302.7	0.6	78.5	11.0	97.
19.9	61.0	5554.2	482.0	-29.0	-31.3	273.6	8.7	8.7	-0.6	300.9	302.7	0.6	80.1	11.2	97.
20.4	62.0	5658.7	475.0	-29.9	-32.2	273.9	8.5	8.5	-0.6	301.0	302.7	0.5	79.7	11.4	97.
20.7	63.0	5764.4	468.0	-30.7	-33.2	273.7	8.2	8.2	-0.5	301.3	302.9	0.5	78.5	11.6	97.
21.0	64.0	5871.2	461.0	-31.6	-34.1	273.3	7.9	7.9	-0.5	301.4	302.9	0.5	78.7	11.8	97.
21.4	65.0	5979.2	454.0	-32.7	-34.8	271.0	7.2	7.2	-0.1	301.4	302.8	0.4	80.7	11.9	97.
21.9	66.0	6120.0	445.0	-33.9	-35.7	268.4	6.7	6.7	0.2	301.6	302.9	0.4	82.1	12.1	97.
22.3	67.0	6230.9	438.0	-34.9	-37.0	268.4	6.8	6.8	0.2	301.6	302.8	0.4	81.5	12.3	97.
22.7	68.0	6327.0	432.0	-35.8	-38.1	269.7	7.1	7.1	0.0	301.8	302.9	0.3	78.4	12.4	97.
23.1	69.0	6440.3	425.0	-36.8	-39.6	271.3	7.4	7.4	-0.2	301.8	302.8	0.3	75.3	12.6	96.
23.5	70.0	6555.0	418.0	-37.9	-41.4	272.2	7.3	7.3	-0.3	301.9	302.7	0.2	65.5	12.8	96.
23.8	71.0	6687.9	410.0	-38.9	-42.6	272.4	6.7	6.7	-0.3	302.3	303.0	0.2	67.5	13.0	96.
24.3	72.0	6788.9	404.0	-39.8	-44.2	271.1	5.4	5.4	-0.1	302.3	302.9	0.2	62.3	13.1	96.
24.6	73.0	6908.1	397.0	-40.9	99.9	268.5	4.7	4.7	0.1	302.5	999.9	99.9	999.9	13.2	96.
25.0	74.0	7028.8	390.0	-42.0	99.9	262.8	4.3	4.3	0.5	302.5	999.9	99.9	999.9	13.3	96.
25.5	75.0	7133.5	384.0	-43.0	99.9	259.6	4.4	4.4	0.8	302.6	999.9	99.9	999.9	13.4	96.
25.8	76.0	7239.5	378.0	-43.9	99.9	261.3	4.3	4.3	0.7	302.8	999.9	99.9	999.9	13.5	96.
26.2	77.0	7364.7	371.0	-45.0	99.9	264.3	4.1	4.1	0.4	302.9	999.9	99.9	999.9	13.6	96.
26.7	78.0	7473.4	365.0	-46.0	99.9	267.8	4.0	4.0	0.2	303.0	999.9	99.9	999.9	13.7	96.
27.0	79.0	7583.4	359.0	-46.9	99.9	268.6	4.0	4.0	0.1	303.3	999.9	99.9	999.9	13.8	96.
27.4	80.0	7694.8	353.0	-48.1	99.9	265.6	4.4	4.4	0.3	303.2	999.9	99.9	999.9	13.9	96.
27.8	81.0	7845.7	345.0	-48.8	99.9	261.6	5.2	5.1	0.8	304.1	999.9	99.9	999.9	14.0	96.
28.4	82.0	7960.7	339.0	-49.9	99.9	259.9	7.8	7.7	1.4	304.2	999.9	99.9	999.9	14.1	95.
28.7	83.0	8077.3	333.0	-50.6	99.9	260.8	9.8	9.7	1.6	304.7	999.9	99.9	999.9	14.3	95.
29.1	84.0	8195.9	327.0	-50.3	99.9	261.7	12.8	12.7	1.9	306.8	999.9	99.9	999.9	14.5	95.
29.7	85.0	8316.7	321.0	-50.5	99.9	261.2	17.8	17.6	2.7	308.2	999.9	99.9	999.9	15.1	95.
30.1	86.0	8439.8	315.0	-50.3	99.9	260.2	21.3	20.9	3.6	310.1	999.9	99.9	999.9	15.5	94.
30.5	87.0	8565.4	309.0	-50.2	99.9	259.0	24.7	24.3	4.7	312.0	999.9	99.9	999.9	16.1	94.
30.9	88.0	8693.5	303.0	-49.9	99.9	257.6	27.9	27.2	6.0	314.2	999.9	99.9	999.9	16.7	93.
31.4	89.0	8802.3	298.0	-50.0	99.9	256.3	31.2	30.3	7.4	315.4	999.9	99.9	999.9	17.6	92.
31.8	90.0	8935.3	292.0	-49.7	99.9	256.2	33.1	32.1	7.9	317.7	999.9	99.9	999.9	18.3	91.
32.2	91.0	9048.3	287.0	-49.7	99.9	256.5	34.4	33.4	8.0	319.3	999.9	99.9	999.9	19.1	91.
32.6	92.0	9163.4	282.0	-49.6	99.9	256.8	35.1	34.1	8.0	321.1	999.9	99.9	999.9	19.9	90.
33.0	93.0	9304.1	276.0	-50.0	99.9	256.3	35.3	34.3	8.3	322.4	999.9	99.9	999.9	20.8	90.
33.4	94.0	9423.6	271.0	-49.7	99.9	255.3	35.7	34.5	9.1	324.6	999.9	99.9	999.9	21.6	89.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
2015 GMT

159 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.8	95.0	9545.5	266.0	-49.9	99.9	254.3	36.8	35.5	10.0	326.1	999.9	99.9	999.9	22.4	89.
34.5	96.0	9694.6	260.0	-50.0	99.9	252.9	40.5	38.7	11.9	328.0	999.9	99.9	999.9	23.9	88.
34.8	97.0	9821.5	255.0	-50.0	99.9	252.1	42.3	40.2	13.0	329.8	999.9	99.9	999.9	24.7	87.
35.4	98.0	9951.0	250.0	-49.7	99.9	250.7	44.7	42.2	14.8	332.1	999.9	99.9	999.9	26.2	86.
35.8	99.0	10083.1	245.0	-50.0	99.9	250.2	44.5	41.9	15.1	333.6	999.9	99.9	999.9	27.3	86.
36.2	100.0	10217.8	240.0	-50.2	99.9	250.1	43.6	41.0	14.8	335.4	999.9	99.9	999.9	28.4	85.
36.9	101.0	10383.2	234.0	-50.0	99.9	250.4	43.9	41.3	14.7	338.0	999.9	99.9	999.9	30.0	84.
37.4	102.0	10496.0	230.0	-49.9	99.9	250.3	46.9	44.2	15.8	339.9	999.9	99.9	999.9	31.2	84.
37.8	103.0	10639.7	225.0	-49.9	99.9	249.7	47.9	45.0	16.6	342.1	999.9	99.9	999.9	32.5	83.
38.2	104.0	10786.6	220.0	-50.2	99.9	249.0	47.0	43.8	16.8	343.8	999.9	99.9	999.9	33.8	83.
38.7	105.0	10906.4	216.0	-50.0	99.9	248.7	44.7	41.7	16.2	345.9	999.9	99.9	999.9	35.0	82.
39.1	106.0	11059.4	211.0	-50.3	99.9	249.6	44.5	41.7	15.5	347.7	999.9	99.9	999.9	35.9	82.
39.6	107.0	11184.2	207.0	-50.8	99.9	251.0	47.0	44.4	15.3	348.9	999.9	99.9	999.9	37.2	81.
40.0	108.0	11343.0	202.0	-51.9	99.9	251.1	48.6	46.0	15.8	349.6	999.9	99.9	999.9	38.5	81.
40.5	109.0	11472.7	198.0	-51.9	99.9	249.6	47.9	44.9	15.7	351.6	999.9	99.9	999.9	39.9	81.
40.9	110.0	11604.9	194.0	-52.0	99.9	248.5	46.0	42.8	16.9	353.4	999.9	99.9	999.9	41.0	80.
41.5	111.0	11774.3	189.0	-51.3	99.9	247.7	42.4	39.3	16.1	357.3	999.9	99.9	999.9	42.6	80.
41.9	112.0	11913.3	185.0	-51.4	99.9	247.9	40.4	37.4	15.2	359.3	999.9	99.9	999.9	43.6	80.
42.5	113.0	12055.2	181.0	-51.6	99.9	248.8	39.1	36.4	14.1	361.3	999.9	99.9	999.9	44.9	79.
42.9	114.0	12200.0	177.0	-52.4	99.9	249.8	39.6	37.2	13.7	362.3	999.9	99.9	999.9	45.9	79.
43.5	115.0	12347.7	173.0	-52.7	99.9	250.8	40.7	38.5	13.4	364.2	999.9	99.9	999.9	47.2	79.
44.1	116.0	12537.0	168.0	-53.0	99.9	249.8	40.7	38.2	14.1	366.7	999.9	99.9	999.9	48.8	78.
44.6	117.0	12692.1	164.0	-53.8	99.9	247.2	40.0	36.9	15.5	367.9	999.9	99.9	999.9	50.0	78.
45.1	118.0	12850.7	160.0	-53.9	99.9	244.3	40.9	36.9	17.8	370.2	999.9	99.9	999.9	51.0	78.
45.7	119.0	12972.3	157.0	-53.8	99.9	243.8	44.2	39.7	19.5	372.5	999.9	99.9	999.9	52.5	78.
46.2	120.0	13138.2	153.0	-53.6	99.9	245.4	46.5	42.2	19.4	375.6	999.9	99.9	999.9	53.9	77.
46.8	121.0	13308.6	149.0	-53.5	99.9	246.9	46.8	43.1	13.4	378.7	999.9	99.9	999.9	55.6	77.
47.3	122.0	13439.5	146.0	-53.3	99.9	246.3	45.2	41.3	19.2	381.2	999.9	99.9	999.9	57.0	77.
47.8	123.0	13618.4	142.0	-53.3	99.9	245.0	44.3	40.1	18.7	384.2	999.9	99.9	999.9	58.3	76.
48.3	124.0	13755.8	139.0	-53.6	99.9	245.5	47.1	42.8	19.6	386.0	999.9	99.9	999.9	59.4	76.
48.9	125.0	13896.0	136.0	-53.9	99.9	247.5	51.6	47.7	19.7	387.9	999.9	99.9	999.9	61.3	76.
49.7	126.0	14136.4	131.0	-54.1	99.9	248.1	48.9	45.4	18.2	391.8	999.9	99.9	999.9	63.8	76.
50.3	127.0	14285.3	128.0	-53.3	99.9	246.3	45.3	41.5	13.2	395.8	999.9	99.9	999.9	65.5	75.
50.9	128.0	14437.9	125.0	-53.8	99.9	244.0	42.2	37.9	18.5	397.6	999.9	99.9	999.9	67.1	75.
51.5	129.0	14594.0	122.0	-53.8	99.9	243.7	40.3	36.1	17.9	400.4	999.9	99.9	999.9	68.4	75.
52.1	130.0	14754.0	119.0	-53.6	99.9	245.5	40.8	37.1	16.9	403.6	999.9	99.9	999.9	69.9	75.
52.9	131.0	14973.6	115.0	-54.3	99.9	247.7	41.8	38.7	15.9	406.3	999.9	99.9	999.9	71.8	74.
53.5	132.0	15143.0	112.0	-54.3	99.9	249.0	40.3	37.6	14.4	409.4	999.9	99.9	999.9	73.4	74.
54.1	133.0	15317.1	109.0	-54.4	99.9	249.5	36.1	33.8	12.6	412.3	999.9	99.9	999.9	74.8	74.
54.7	134.0	15495.2	106.0	-55.9	99.9	248.1	31.7	29.4	11.8	412.8	999.9	99.9	999.9	75.9	74.
55.4	135.0	15677.4	103.0	-57.3	99.9	245.2	28.5	25.8	11.9	413.6	999.9	99.9	999.9	77.2	74.
56.2	136.0	15863.8	100.0	-58.5	99.9	244.9	36.1	32.7	15.3	414.8	999.9	99.9	999.9	78.4	74.
57.1	137.0	16120.2	96.0	-59.0	99.9	245.9	42.5	38.8	17.4	418.6	999.9	99.9	999.9	80.9	74.
58.0	138.0	16319.2	93.0	-59.3	99.9	247.8	35.1	32.5	13.2	421.8	999.9	99.9	999.9	83.2	73.
58.9	139.0	16524.6	90.0	-59.2	99.9	246.6	34.7	31.8	13.7	426.1	999.9	99.9	999.9	84.8	73.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
2015 GMT

159 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
59.7	140.0	16737.5	87.0	-58.5	99.9	246.0	38.3	35.0	15.6	431.6	999.9	99.9	999.9	86.4	73.
60.4	141.0	17033.5	83.0	-59.5	99.9	248.4	39.3	36.5	14.5	437.5	999.9	99.9	999.9	88.2	73.
61.3	142.0	17264.4	80.0	-59.5	99.9	252.5	45.6	43.4	13.7	440.0	999.9	99.9	999.9	90.4	73.
62.4	143.0	17503.3	77.0	-60.0	99.9	253.5	30.3	29.0	8.6	443.7	999.9	99.9	999.9	93.1	73.
63.6	144.0	17752.9	74.0	-57.4	99.9	253.2	34.7*	33.2	10.0	454.3	999.9	99.9	999.9	95.3	73.
64.6	145.0	18014.7	71.0	-56.9	99.9	252.6	36.2*	34.6	10.8	460.8	999.9	99.9	999.9	97.6	73.
65.3	146.0	18287.2	68.0	-58.5	99.9	252.6	32.4*	31.0	9.7	463.2	999.9	99.9	999.9	98.9	73.
66.2	147.0	18569.8	65.0	-60.2	99.9	255.7	38.1*	37.0	9.4	465.3	999.9	99.9	999.9	100.5	73.
66.9	148.0	18863.2	62.0	-62.1	99.9	253.3	40.7*	39.0	11.7	467.6	999.9	99.9	999.9	102.6	73.
67.8	149.0	19168.2	59.0	-64.4	99.9	252.0	30.1*	28.6	9.3	469.1	999.9	99.9	999.9	104.4	73.
68.9	150.0	19380.0	57.0	-62.6	99.9	258.2	30.6*	29.9	6.3	477.7	999.9	99.9	999.9	106.4	73.
69.9	151.0	19712.8	54.0	-63.4	99.9	256.0	29.9*	29.0	7.2	483.4	999.9	99.9	999.9	107.5	73.
70.9	152.0	20063.8	51.0	-63.6	99.9	249.0	34.5*	32.2	12.4	490.9	999.9	99.9	999.9	110.1	73.
72.0	153.0	20434.9	48.0	-64.8	99.9	248.4	27.7*	25.8	10.2	496.7	999.9	99.9	999.9	112.1	73.
73.3	154.0	20827.7	45.0	-66.0	99.9	252.8	23.2*	22.2	6.9	503.0	999.9	99.9	999.9	114.1	73.
74.6	155.0	21103.6	43.0	-66.0	99.9	255.1	35.7*	34.5	9.2	509.6	999.9	99.9	999.9	115.9	73.
75.9	156.0	21542.5	40.0	-66.0	99.9	257.1	31.4*	30.6	7.0	520.2	999.9	99.9	999.9	119.0	73.
77.3	157.0	22016.3	37.0	-65.4	99.9	258.3	34.0*	33.3	6.9	533.5	999.9	99.9	999.9	121.5	73.
78.8	158.0	22532.7	34.0	-64.0	99.9	256.7	35.9*	34.9	8.3	550.2	999.9	99.9	999.9	125.4	73.
80.3	159.0	23097.3	31.0	-65.0	99.9	256.3	17.5*	17.0	4.1	562.3	999.9	99.9	999.9	127.0	73.
82.1	160.0	23506.5	29.0	-62.4	99.9	248.4	25.5*	23.7	9.4	580.0	999.9	99.9	999.9	129.3	73.
84.0	161.0	24179.5	26.0	-63.0	99.9	249.6	57.3*	53.7	20.0	596.8	999.9	99.9	999.9	134.0	73.
86.0	162.0	24933.2	23.0	-63.6	99.9	257.4	54.8*	53.4	12.0	616.4	999.9	99.9	999.9	137.9	73.
88.3	163.0	25796.1	20.0	-61.1	99.9	999.9	99.9	99.9	99.9	649.1	999.9	99.9	999.9	999.9	999.

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
2315 GMT

153 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	20.0	998.8	-1.7	-3.4	310.0	1.5	1.1	-1.0	271.9	279.5	3.0	88.0	0.0	0.
0.1	6.0	34.4	997.0	-1.7	-3.2	999.9	99.9	99.9	99.9	272.1	279.8	3.0	89.4	999.9	999.
0.4	7.0	122.6	986.0	-2.3	-3.2	999.9	99.9	99.9	99.9	272.3	280.1	3.1	93.6	999.9	999.
0.8	8.0	211.7	975.0	-3.1	-4.0	999.9	99.9	99.9	99.9	272.4	279.9	2.9	93.5	999.9	999.
1.1	9.0	301.5	964.0	-3.9	-4.7	999.9	99.9	99.9	99.9	272.5	279.7	2.8	93.7	999.9	999.
1.4	10.0	392.1	953.0	-4.0	-4.7	999.9	99.9	99.9	99.9	273.2	280.5	2.8	94.7	999.9	999.
1.8	11.0	500.6	940.0	-4.0	-4.5	999.9	99.9	99.9	99.9	274.3	281.8	2.9	96.5	999.9	999.
2.2	12.0	593.5	929.0	-4.3	-4.9	284.9	4.6	4.4	-1.2	274.9	282.3	2.9	95.5	0.2	142.
2.4	13.0	687.3	918.0	-4.9	-5.0	282.5	5.3	5.2	-1.2	275.2	282.4	2.8	95.3	0.3	135.
2.9	14.0	773.4	908.0	-5.5	-5.3	281.3	6.6	6.5	-1.3	275.5	282.6	2.7	97.9	0.5	122.
3.2	15.0	869.0	897.0	-6.0	-6.3	283.6	7.4	7.1	-1.7	275.9	282.9	2.7	97.8	0.6	117.
3.6	16.0	983.3	884.0	-6.6	-7.0	289.2	8.4	7.9	-2.8	276.5	283.2	2.6	97.1	0.8	114.
3.9	17.0	1072.3	874.0	-6.9	-7.1	296.2	9.2	8.3	-4.1	277.0	283.8	2.6	98.4	0.9	114.
4.3	18.0	1171.2	863.0	-6.7	-7.0	303.5	10.2	8.5	-5.7	278.2	285.2	2.6	98.2	1.2	115.
4.7	19.0	1262.3	853.0	-7.0	-7.5	309.6	11.0	8.5	-7.0	278.8	285.6	2.6	96.4	1.4	117.
5.0	20.0	1354.3	843.0	-7.3	-8.0	313.9	11.5	8.3	-3.0	279.4	285.8	2.4	90.6	1.6	119.
5.5	21.0	1475.6	830.0	-6.6	-8.3	312.5	11.4	8.4	-7.7	281.5	288.1	2.5	87.7	1.9	122.
5.8	22.0	1570.4	820.0	-6.6	-8.5	308.5	10.9	8.5	-5.8	282.4	289.1	2.5	86.3	2.1	123.
6.2	23.0	1666.2	810.0	-7.5	-8.4	306.3	10.7	8.6	-6.3	282.5	289.2	2.5	92.8	2.4	123.
6.5	24.0	1753.2	801.0	-7.9	-8.7	307.3	10.8	8.6	-6.6	282.9	289.6	2.5	94.3	2.6	123.
6.8	25.0	1850.9	791.0	-8.1	-9.3	305.2	10.4	8.5	-6.0	283.8	290.3	2.4	90.5	2.8	124.
7.2	26.0	1979.8	778.0	-8.2	-9.8	302.7	9.9	8.4	-5.4	284.9	291.4	2.3	88.3	3.0	124.
7.6	27.0	2070.1	769.0	-8.6	-10.0	300.3	9.5	8.2	-4.8	285.4	291.8	2.3	89.7	3.2	123.
7.9	28.0	2181.7	758.0	-9.4	-10.7	298.4	9.5	8.4	-4.5	285.8	292.0	2.2	90.1	3.4	123.
8.3	29.0	2274.1	749.0	-9.8	-10.5	295.1	10.0	9.1	-4.3	286.3	292.5	2.2	92.2	3.6	123.
8.6	30.0	2377.9	739.0	-10.0	-11.0	292.6	10.7	9.8	-4.1	287.2	293.4	2.2	91.6	3.8	123.
9.0	31.0	2472.4	730.0	-10.4	-11.5	289.5	11.8	11.1	-4.0	287.8	293.8	2.2	91.2	4.0	122.
9.3	32.0	2578.5	720.0	-11.1	-12.5	287.5	12.7	12.1	-3.8	288.1	293.8	2.0	89.3	4.3	121.
9.7	33.0	2675.3	711.0	-10.4	-12.5	284.9	13.9	13.5	-3.6	289.9	295.8	2.1	84.5	4.6	120.
10.1	34.0	2784.4	701.0	-11.0	-14.0	282.6	15.1	14.7	-3.3	290.4	295.7	1.8	78.3	4.9	119.
10.4	35.0	2883.6	692.0	-11.4	-14.7	281.0	15.8	15.5	-3.0	291.0	296.1	1.8	76.2	5.2	118.
10.8	36.0	3006.6	681.0	-11.4	-15.2	279.0	16.3	16.1	-2.6	292.4	297.3	1.7	73.3	5.6	117.
11.2	37.0	3108.7	672.0	-11.7	-15.7	277.1	16.5	16.4	-2.0	293.1	298.0	1.7	71.9	6.0	116.
11.6	38.0	3223.4	662.0	-12.5	-16.7	275.5	16.8	16.7	-1.6	293.4	298.0	1.6	71.1	6.3	114.
12.0	39.0	3327.9	653.0	-13.2	-17.3	274.7	17.5	17.4	-1.4	293.8	298.2	1.5	71.5	6.7	113.
12.3	40.0	3433.4	644.0	-14.2	-18.2	274.9	17.7	17.7	-1.5	293.8	298.0	1.4	71.8	7.0	112.
12.8	41.0	3552.1	634.0	-15.0	-18.9	275.2	17.8	17.7	-1.6	294.2	298.2	1.4	72.4	7.6	111.
13.2	42.0	3660.1	625.0	-15.7	-19.3	275.0	17.9	17.8	-1.6	294.6	298.5	1.3	73.6	8.0	110.
13.6	43.0	3769.4	616.0	-16.4	-20.4	274.3	18.2	18.1	-1.4	295.0	298.7	1.2	71.3	8.3	110.
13.9	44.0	3880.0	607.0	-17.1	-20.9	273.7	18.6	18.6	-1.2	295.5	299.0	1.2	72.1	8.7	109.
14.3	45.0	3979.4	599.0	-17.8	-21.4	273.3	18.9	18.9	-1.1	295.8	299.2	1.1	73.0	9.1	108.
14.7	46.0	4092.6	590.0	-18.5	-21.3	273.1	19.2	19.2	-1.0	296.3	299.7	1.1	74.5	9.6	107.
15.1	47.0	4194.3	582.0	-19.4	-23.1	273.0	19.6	19.5	-1.0	296.3	299.4	1.0	72.4	10.0	107.
15.5	48.0	4310.1	573.0	-20.0	-23.8	272.8	19.9	19.9	-1.0	297.0	300.0	1.0	71.1	10.4	106.
15.9	49.0	4414.2	565.0	-21.0	-24.9	272.5	19.7	19.6	-0.8	296.9	299.7	0.9	71.0	11.0	105.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
2315 GMT

153 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.2	50.0	4519.4	557.0	-21.8	-25.3	272.2	19.1	19.1	-0.7	297.2	299.8	0.8	71.4	11.3	105.
16.7	51.0	4652.6	547.0	-22.6	-26.3	271.9	18.2	18.2	-0.6	297.8	300.3	0.8	71.8	11.8	105.
17.1	52.0	4760.6	539.0	-23.7	-27.4	271.9	17.8	17.8	-0.6	297.7	300.0	0.7	70.2	12.3	104.
17.5	53.0	4869.7	531.0	-24.5	-28.5	272.1	18.1	18.1	-0.7	298.1	300.2	0.7	68.2	12.7	104.
17.9	54.0	4994.1	522.0	-25.3	-29.6	272.3	18.6	18.6	-0.7	298.5	300.5	0.6	66.8	13.1	103.
18.3	55.0	5106.0	514.0	-26.2	-30.8	272.1	19.0	19.0	-0.7	298.7	300.5	0.6	65.0	13.6	103.
18.8	56.0	5233.5	505.0	-27.4	-32.3	271.3	19.7	19.7	-0.4	298.8	300.4	0.5	62.5	14.1	103.
19.3	57.0	5348.3	497.0	-28.3	-33.3	270.3	21.2	21.2	-0.1	299.0	300.5	0.5	61.8	14.7	102.
19.7	58.0	5464.5	489.0	-29.2	-34.3	269.8	22.4	22.4	0.1	299.3	300.6	0.4	59.4	15.2	102.
20.0	59.0	5567.3	482.0	-30.3	-35.2	269.5	23.0	23.0	0.2	299.2	300.4	0.4	57.6	15.7	101.
20.4	60.0	5686.1	474.0	-31.3	-36.8	269.2	21.9	21.9	0.3	299.3	300.5	0.3	58.0	16.2	101.
20.9	61.0	5806.4	466.0	-32.4	-37.7	269.3	19.3	19.3	0.2	299.5	300.5	0.3	58.5	16.9	100.
21.3	62.0	5913.0	459.0	-33.1	-38.5	270.2	17.6	17.6	-0.1	300.0	300.9	0.3	57.7	17.3	100.
21.8	63.0	6020.9	452.0	-34.1	-39.4	272.0	16.9	16.9	-0.6	299.9	300.8	0.3	58.2	17.7	100.
22.3	64.0	6129.9	445.0	-35.4	-41.2	272.7	17.8	17.8	-0.8	299.6	300.4	0.2	55.0	18.2	100.
22.8	65.0	6255.9	437.0	-36.5	-41.3	271.9	18.6	18.6	-0.6	299.8	300.5	0.2	56.7	18.8	99.
23.4	66.0	6399.9	428.0	-37.5	-42.5	270.5	17.9	17.9	-0.1	300.4	301.1	0.2	58.0	19.5	99.
23.8	67.0	6513.5	421.0	-38.4	-43.8	269.0	16.8	16.8	0.3	300.6	301.2	0.2	56.3	19.9	99.
24.2	68.0	6629.6	414.0	-39.3	-45.4	266.7	15.4	15.4	0.9	300.8	301.4	0.2	52.1	20.2	99.
24.7	69.0	6745.3	407.0	-39.8	-46.5	262.6	13.7	13.6	1.8	301.8	302.3	0.1	47.8	20.7	99.
25.2	70.0	6863.6	400.0	-40.8	99.9	257.8	12.1	11.8	2.6	301.9	999.9	99.9	999.9	21.0	98.
25.8	71.0	7000.6	392.0	-42.4	99.9	253.9	11.1	10.7	3.1	301.7	999.9	99.9	999.9	21.4	98.
26.3	72.0	7122.2	385.0	-43.5	99.9	254.9	11.3	11.0	3.0	301.8	999.9	99.9	999.9	21.7	97.
26.7	73.0	7245.3	378.0	-44.7	99.9	256.9	11.5	11.2	2.6	301.7	999.9	99.9	999.9	21.9	97.
27.2	74.0	7370.1	371.0	-45.6	99.9	257.9	11.2	10.9	2.3	302.2	999.9	99.9	999.9	22.3	97.
27.6	75.0	7496.7	364.0	-46.7	99.9	256.6	10.5	10.2	2.4	302.3	999.9	99.9	999.9	22.5	97.
28.0	76.0	7606.6	358.0	-48.0	99.9	254.1	9.9	9.6	2.7	302.0	999.9	99.9	999.9	22.8	96.
28.6	77.0	7736.5	351.0	-49.2	99.9	252.6	10.3	9.8	3.1	302.1	999.9	99.9	999.9	23.0	96.
29.1	78.0	7868.3	344.0	-50.3	99.9	252.7	11.1	10.6	3.3	302.4	999.9	99.9	999.9	23.4	96.
29.6	79.0	7982.9	339.0	-51.2	99.9	254.0	12.6	12.1	3.5	302.7	999.9	99.9	999.9	23.6	95.
30.0	80.0	8099.1	332.0	-52.3	99.9	256.1	14.5	14.1	3.5	302.8	999.9	99.9	999.9	24.0	95.
30.6	81.0	8257.1	324.0	-51.8	99.9	259.1	19.2	18.9	3.6	305.6	999.9	99.9	999.9	24.5	95.
31.2	82.0	8378.6	318.0	-50.9	99.9	260.5	25.6	25.2	4.2	308.5	999.9	99.9	999.9	25.3	94.
31.8	83.0	8502.6	312.0	-50.9	99.9	260.7	31.8	31.3	5.1	310.2	999.9	99.9	999.9	26.3	94.
32.4	84.0	8629.0	306.0	-50.9	99.9	259.7	35.2	34.6	6.3	311.9	999.9	99.9	999.9	27.6	93.
32.9	85.0	8757.9	300.0	-50.9	99.9	258.7	36.5	35.8	7.1	313.7	999.9	99.9	999.9	28.6	93.
33.4	86.0	8911.6	293.0	-51.0	99.9	258.6	38.4	37.6	7.6	315.6	999.9	99.9	999.9	29.6	92.
33.9	87.0	9046.1	287.0	-51.3	99.9	258.6	40.6	39.8	8.0	317.0	999.9	99.9	999.9	30.8	92.
34.4	88.0	9183.4	281.0	-51.2	99.9	257.8	41.8	40.9	8.8	319.1	999.9	99.9	999.9	32.1	91.
35.0	89.0	9300.2	276.0	-51.0	99.9	256.6	43.1	42.0	10.0	321.0	999.9	99.9	999.9	33.5	91.
35.6	90.0	9443.2	270.0	-51.0	99.9	256.7	45.6	44.3	10.5	323.0	999.9	99.9	999.9	35.0	90.
36.2	91.0	9564.9	265.0	-50.9	99.9	256.7	46.9	45.7	13.8	325.0	999.9	99.9	999.9	36.8	89.
36.9	92.0	9714.0	259.0	-50.9	99.9	256.1	46.9	45.5	11.3	327.1	999.9	99.9	999.9	38.7	89.
37.5	93.0	9840.8	254.0	-51.2	99.9	255.9	45.4	44.1	11.1	328.5	999.9	99.9	999.9	40.3	88.
38.1	94.0	9969.8	249.0	-51.9	99.9	255.9	44.1	42.8	10.7	329.2	999.9	99.9	999.9	41.9	88.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
2315 GMT

153 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.7	95.0	10101.2	244.0	-52.3	99.9	255.6	45.1	43.7	11.2	330.7	999.9	99.9	999.9	43.4	87.
39.4	96.0	10262.1	238.0	-52.6	99.9	254.9	47.3	45.6	12.3	332.6	999.9	99.9	999.9	45.2	87.
40.1	97.0	10427.1	232.0	-52.6	99.9	254.7	46.0	45.2	12.4	335.0	999.9	99.9	999.9	47.4	86.
40.7	98.0	10539.6	228.0	-52.3	99.9	254.1	45.2	43.4	12.4	337.2	999.9	99.9	999.9	48.9	86.
41.3	99.0	10683.1	223.0	-52.3	99.9	252.4	44.0	41.9	13.3	339.3	999.9	99.9	999.9	50.5	85.
41.9	100.0	10830.0	218.0	-51.6	99.9	250.5	43.5	41.0	14.5	342.5	999.9	99.9	999.9	51.9	85.
42.6	101.0	11010.7	212.0	-52.6	99.9	249.9	41.6	39.1	14.3	343.8	999.9	99.9	999.9	53.8	84.
43.2	102.0	11164.7	207.0	-53.0	99.9	250.4	40.3	38.0	13.5	345.4	999.9	99.9	999.9	55.1	84.
43.8	103.0	11290.3	203.0	-53.8	99.9	250.7	43.2	40.8	14.3	346.1	999.9	99.9	999.9	56.4	84.
44.3	104.0	11450.4	198.0	-54.1	99.9	250.6	47.2	44.5	15.7	348.1	999.9	99.9	999.9	57.9	83.
45.1	105.0	11614.4	193.0	-54.3	99.9	250.4	49.8	46.9	16.7	350.4	999.9	99.9	999.9	60.1	83.
46.0	106.0	11748.7	189.0	-54.3	99.9	247.9	43.0	39.9	16.2	352.5	999.9	99.9	999.9	62.7	82.
46.7	107.0	11885.8	185.0	-54.5	99.9	248.0	42.9*	39.7	16.1	354.4	999.9	99.9	999.9	64.3	82.
47.3	108.0	12061.3	180.0	-54.5	99.9	249.6	46.7*	43.8	16.3	357.2	999.9	99.9	999.9	65.9	82.
47.9	109.0	12205.1	176.0	-54.9	99.9	251.1	48.5*	45.9	15.7	358.7	999.9	99.9	999.9	67.5	81.
48.4	110.0	12351.9	172.0	-55.3	99.9	251.7	42.6*	40.4	13.4	360.5	999.9	99.9	999.9	69.5	81.
49.3	111.0	12540.2	167.0	-55.3	99.9	250.4	33.2*	31.3	11.1	363.6	999.9	99.9	999.9	70.8	81.
50.0	112.0	12695.1	163.0	-54.9	99.9	250.3	39.6*	37.3	13.4	366.6	999.9	99.9	999.9	72.4	81.
50.8	113.0	12854.0	159.0	-54.6	99.9	250.7	46.4*	43.8	15.3	369.8	999.9	99.9	999.9	74.4	80.
51.6	114.0	13017.1	155.0	-54.6	99.9	253.6	64.4*	61.7	19.2	372.5	999.9	99.9	999.9	76.6	80.
52.2	115.0	13184.2	151.0	-55.3	99.9	255.3	76.5*	74.0	19.4	374.2	999.9	99.9	999.9	79.4	80.
53.2	116.0	13399.1	146.0	-55.3	99.9	254.4	52.1*	50.2	14.1	377.8	999.9	99.9	999.9	84.0	80.
54.1	117.0	13576.7	142.0	-54.6	99.9	248.3	30.8*	28.6	11.4	381.9	999.9	99.9	999.9	85.8	80.
54.9	118.0	13713.5	139.0	-54.3	99.9	247.3	28.2*	26.0	10.9	384.8	999.9	99.9	999.9	86.7	79.
55.6	119.0	13900.7	135.0	-54.3	99.9	251.4	31.7*	30.1	10.1	388.1	999.9	99.9	999.9	88.5	79.
56.2	120.0	14044.8	132.0	-54.1	99.9	252.3	30.5*	29.1	9.3	390.8	999.9	99.9	999.9	89.5	79.
56.8	121.0	14242.2	128.0	-54.1	99.9	249.3	27.6*	25.8	9.8	394.3	999.9	99.9	999.9	90.6	79.
57.4	122.0	14394.2	125.0	-54.6	99.9	244.0	26.0*	23.4	11.4	396.1	999.9	99.9	999.9	91.5	79.
58.2	123.0	14549.4	122.0	-55.4	99.9	244.3	32.1*	28.9	13.9	397.4	999.9	99.9	999.9	92.5	79.
59.0	124.0	14762.3	118.0	-54.8	99.9	246.5	36.5*	33.4	14.5	402.4	999.9	99.9	999.9	94.8	78.
59.8	125.0	14926.6	115.0	-55.9	99.9	245.1	37.0*	33.6	15.6	403.3	999.9	99.9	999.9	95.9	78.
60.7	126.0	15151.9	111.0	-55.9	99.9	240.4	44.4*	38.6	21.9	407.4	999.9	99.9	999.9	98.3	78.
61.4	127.0	15325.8	108.0	-57.1	99.9	238.3	46.0*	39.1	24.1	408.4	999.9	99.9	999.9	100.2	77.
62.2	128.0	15503.9	105.0	-57.6	99.9	241.7	43.5*	38.3	20.6	410.7	999.9	99.9	999.9	102.1	77.
62.9	129.0	15687.0	102.0	-57.4	99.9	244.8	40.4*	36.6	17.2	414.5	999.9	99.9	999.9	103.8	77.
63.6	130.0	15875.5	99.0	-57.7	99.9	248.8	41.5*	38.7	15.0	417.4	999.9	99.9	999.9	105.3	77.
64.6	131.0	16135.9	95.0	-57.4	99.9	251.6	37.4*	35.5	11.8	423.0	999.9	99.9	999.9	107.8	77.
65.6	132.0	16338.2	92.0	-58.4	99.9	250.9	32.9*	31.1	10.8	424.9	999.9	99.9	999.9	110.4	76.
66.7	133.0	16546.4	89.0	-59.1	99.9	246.5	28.0*	25.7	11.1	427.6	999.9	99.9	999.9	111.7	76.
67.8	134.0	16689.0	87.0	-58.9	99.9	244.6	35.5*	32.0	15.2	430.7	999.9	99.9	999.9	114.0	76.
68.7	135.0	16910.0	84.0	-57.4	99.9	245.7	44.2*	40.2	18.2	438.2	999.9	99.9	999.9	115.9	76.
69.5	136.0	17139.8	81.0	-57.4	99.9	246.6	42.7*	39.2	17.0	442.7	999.9	99.9	999.9	118.2	76.
70.3	137.0	17458.7	77.0	-58.9	99.9	248.3	34.7*	32.3	12.8	446.0	999.9	99.9	999.9	120.1	76.
71.3	138.0	17707.1	74.0	-60.5	99.9	251.6	35.0*	33.2	11.1	447.8	999.9	99.9	999.9	121.7	76.
72.5	139.0	17877.8	72.0	-60.5	99.9	254.0	41.1*	39.5	11.3	451.3	999.9	99.9	999.9	124.4	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 606  
PORTLAND, ME

6 FEBRUARY 1975  
2315 GMT

153 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
73.9	140.0	18143.0	69.0	-60.3	99.9	255.2	36.5*	35.3	9.3	457.2	999.9	99.9	999.9	127.6	75.
74.8	141.0	18420.3	66.0	-60.0	99.9	252.9	43.3*	41.4	12.7	463.8	999.9	99.9	999.9	130.3	75.
75.7	142.0	18710.0	63.0	-61.2	99.9	244.8	14.2*	12.9	6.1	467.3	999.9	99.9	999.9	132.2	75.
76.6	143.0	19012.0	60.0	-62.3	99.9	244.5	22.0*	19.9	9.5	471.4	999.9	99.9	999.9	131.7	75.
77.7	144.0	19328.5	57.0	-62.7	99.9	247.2	37.4*	34.5	14.5	477.5	999.9	99.9	999.9	135.2	75.
79.0	145.0	19547.8	55.0	-64.4	99.9	235.8	22.7*	18.8	12.8	478.5	999.9	99.9	999.9	136.7	75.
80.5	146.0	19891.1	52.0	-64.0	99.9	249.3	28.9*	27.0	10.2	487.2	999.9	99.9	999.9	139.0	75.
81.7	147.0	20253.9	49.0	-65.4	99.9	250.8	30.1*	28.4	9.9	492.3	999.9	99.9	999.9	141.3	75.
82.7	148.0	20506.9	47.0	-66.4	99.9	255.7	30.5*	29.5	7.5	495.8	999.9	99.9	999.9	143.0	75.
84.0	149.0	20906.0	44.0	-66.8	99.9	259.1	35.3*	34.6	6.7	504.2	999.9	99.9	999.9	145.5	75.
85.2	150.0	21333.1	41.0	-66.6	99.9	255.1	33.9*	32.8	8.8	515.0	999.9	99.9	999.9	148.2	75.
86.3	151.0	21635.0	39.0	-67.6	99.9	254.8	33.3*	32.1	8.7	519.8	999.9	99.9	999.9	150.2	75.
87.7	152.0	22117.8	36.0	-66.8	99.9	254.8	27.0*	26.1	7.1	534.0	999.9	99.9	999.9	153.1	75.
90.0	153.0	22463.7	34.0	-66.4	99.9	252.3	33.1*	31.5	10.1	543.9	999.9	99.9	999.9	157.2	75.
91.9	154.0	23026.1	31.0	-64.2	99.9	253.6	26.8*	25.7	7.5	564.3	999.9	99.9	999.9	160.8	75.
93.9	155.0	23433.9	29.0	-64.6	99.9	254.7	31.3*	30.2	8.3	574.1	999.9	99.9	999.9	163.5	75.
95.8	156.0	23870.4	27.0	-64.6	99.9	254.7	33.8	32.6	8.9	586.0	999.9	99.9	999.9	168.3	75.
97.6	157.0	24590.6	24.0	-64.2	99.9	999.9	99.9	99.9	99.9	607.2	999.9	99.9	999.9	999.9	999.

STATION NO. 606  
PORTLAND, ME

7 FEBRUARY 1975  
515 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	20.0	1001.5	-0.6	-2.3	20.0	2.1	-0.7	-2.0	272.8	281.0	3.2	88.0	0.0	0.
0.4	6.0	24.0	1001.0	-1.1	-2.2	999.9	99.9	99.9	99.9	272.4	280.7	3.3	92.2	999.9	999.
0.6	7.0	112.1	990.0	-1.6	-2.3	999.9	99.9	99.9	99.9	272.8	281.1	3.3	94.9	999.9	999.
1.0	8.0	201.1	979.0	-2.2	-2.0	999.9	99.9	99.9	99.9	273.0	281.3	3.2	97.0	999.9	999.
1.4	9.0	299.1	967.0	-2.3	-2.3	999.9	99.9	99.9	99.9	273.8	282.1	3.2	97.0	999.9	999.
1.7	10.0	381.8	957.0	-1.7	-3.3	999.9	99.9	99.9	99.9	275.3	283.1	3.0	85.6	999.9	999.
2.1	11.0	499.1	943.0	-2.2	-4.7	999.9	99.9	99.9	99.9	275.9	283.3	2.9	82.6	999.9	999.
2.4	12.0	592.3	932.0	-2.7	-5.5	999.9	99.9	99.9	99.9	276.3	283.5	2.7	80.8	999.9	999.
2.7	13.0	695.0	920.0	-3.7	-6.1	214.4	4.9	3.5	-3.4	276.2	283.2	2.6	83.7	0.5	139.
3.1	14.0	781.2	910.0	-4.5	-6.3	308.7	4.3	3.4	-2.7	276.3	283.2	2.6	87.3	0.6	137.
3.4	15.0	868.2	900.0	-5.3	-6.7	305.0	4.3	3.5	-2.4	276.4	283.2	2.6	89.6	0.7	136.
3.8	16.0	982.4	887.0	-6.0	-6.9	296.8	4.3	3.8	-1.9	276.8	283.5	2.6	93.1	0.8	135.
4.1	17.0	1080.0	876.0	-7.1	-7.3	291.3	4.4	4.1	-1.6	276.7	283.1	2.4	94.5	0.9	133.
4.5	18.0	1178.4	865.0	-7.9	-8.2	288.0	4.9	4.6	-1.5	276.7	283.0	2.4	98.2	1.0	130.
4.8	19.0	1268.7	855.0	-8.8	-8.9	279.2	5.0	4.9	-3.8	276.7	282.8	2.3	99.3	1.1	128.
5.1	20.0	1359.9	845.0	-9.1	-10.3	269.8	5.2	5.2	3.0	277.3	282.8	2.1	91.0	1.2	126.
5.6	21.0	1480.3	832.0	-7.8	-9.3	256.8	5.9	5.8	1.4	280.0	286.1	2.3	89.2	1.3	120.
5.9	22.0	1583.9	821.0	-7.5	-9.7	258.6	6.5	6.4	1.3	281.3	287.4	2.2	84.3	1.4	117.
6.2	23.0	1679.4	811.0	-7.7*	-11.2	263.1	7.1	7.0	0.8	282.0	287.5	2.0	76.0	1.5	114.
6.6	24.0	1775.9	801.0	-8.1*	-13.3	268.5	7.9	7.9	0.2	282.7	287.5	1.7	67.1	1.6	111.
6.9	25.0	1873.5	791.0	-8.3*	-14.2	263.5	9.1	9.1	0.2	283.4	287.9	1.6	62.1	1.7	110.
7.3	26.0	2002.1	778.0	-8.6*	-14.9	266.5	9.8	9.8	0.6	284.4	288.8	1.5	60.3	2.0	107.
7.6	27.0	2092.3	769.0	-8.8*	-15.9	264.7	10.1	10.1	0.9	285.1	289.2	1.4	56.9	2.2	105.
8.0	28.0	2203.9	758.0	-9.1*	-16.1	262.8	10.2	10.2	1.3	285.9	290.0	1.4	56.8	2.4	103.
8.4	29.0	2296.2	749.0	-9.5*	-16.1	259.0	10.4	10.2	2.0	286.6	290.7	1.4	58.2	2.6	101.
8.7	30.0	2400.1	739.0	-9.7	-16.3	255.6	10.9	10.5	2.7	287.4	291.5	1.4	58.2	2.8	100.
9.2	31.0	2505.2	729.0	-10.1	-16.7	250.5	12.3	11.6	4.1	288.1	292.1	1.4	58.2	3.1	97.
9.5	32.0	2600.9	720.0	-10.7	-16.9	249.3	13.4	12.4	5.0	288.5	292.5	1.4	60.3	3.3	95.
9.8	33.0	2708.4	710.0	-11.3	-15.9	247.0	14.4	13.3	5.6	289.0	293.5	1.6	68.4	3.5	93.
10.3	34.0	2817.2	700.0	-12.0	-16.9	245.8	15.7	14.4	6.5	289.4	293.6	1.5	67.0	3.9	90.
10.7	35.0	2916.2	691.0	-12.3	-18.4	245.5	16.5	15.1	6.9	290.1	293.9	1.3	60.1	4.3	88.
11.1	36.0	3038.8	680.0	-12.7	-19.6	245.4	17.3	15.8	7.2	291.0	294.4	1.2	56.1	4.7	86.
11.5	37.0	3151.7	670.0	-13.5	-20.9	245.0	18.3	16.5	7.7	291.2	294.5	1.1	55.7	5.0	84.
11.8	38.0	3266.0	660.0	-14.2	-21.2	244.1	18.6	16.7	9.1	291.7	294.9	1.1	55.3	5.4	83.
12.2	39.0	3370.1	651.0	-14.7	-22.9	242.9	18.7	16.7	8.5	292.4	295.1	0.9	49.2	5.9	81.
12.5	40.0	3475.4	642.0	-15.5	-24.1	242.1	18.5	16.4	8.7	292.6	295.1	0.8	47.2	6.2	80.
13.0	41.0	3593.8	632.0	-16.2	-25.5	242.2	18.1	16.0	8.4	293.1	295.4	0.8	44.1	6.7	79.
13.4	42.0	3701.7	623.0	-16.9	-28.1	243.2	17.9	16.0	8.1	293.5	295.3	0.6	36.9	7.1	78.
13.7	43.0	3810.8	614.0	-17.5	-30.3	244.0	17.8	16.0	7.8	293.9	295.5	0.5	31.5	7.4	77.
14.1	44.0	3921.3	605.0	-18.1	-34.3	245.1	17.7	16.1	7.5	294.5	295.6	0.3	22.5	7.8	77.
14.5	45.0	4033.0	596.0	-19.0	-37.2	245.8	18.0	16.5	7.4	294.7	295.5	0.3	18.1	8.2	76.
15.0	46.0	4133.5	588.0	-19.8	-39.2	245.0	19.3	17.5	8.1	294.8	295.5	0.2	15.8	8.7	76.
15.3	47.0	4247.8	579.0	-20.5	-41.4	243.7	19.7	17.6	8.7	295.4	295.9	0.2	13.4	9.1	75.
15.7	48.0	4363.5	570.0	-21.3	-44.0	242.0	19.9	17.5	9.3	295.7	296.2	0.1	10.8	9.6	74.
16.1	49.0	4467.6	562.0	-22.3	-44.7	240.4	19.7	17.1	9.7	295.8	296.2	0.1	10.9	10.1	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

7 FEBRUARY 1975  
515 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
16.5	50.0	4586.0	553.0	-23.5	-45.5	239.4	19.5	16.7	9.9	295.8	296.2	0.1	11.0	10.5	73.
17.0	51.0	4719.2	543.0	-24.5	-46.3	238.8	19.4	16.6	10.1	296.1	296.4	0.1	11.1	11.1	72.
17.4	52.0	4827.1	535.0	-25.4	-45.3	238.8	19.4	16.6	10.1	296.2	296.6	0.1	12.8	11.5	72.
17.7	53.0	4936.1	527.0	-26.5	-46.6	239.1	19.5	16.7	10.0	296.2	296.6	0.1	12.9	11.9	71.
18.1	54.0	5046.4	519.0	-27.6	-47.4	239.7	19.9	17.1	10.0	296.2	296.6	0.1	13.0	12.3	71.
18.5	55.0	5158.0	511.0	-28.5	-48.2	240.6	20.4	17.7	10.0	296.4	296.8	0.1	13.1	12.8	71.
19.0	56.0	5299.3	501.0	-29.5	-50.4	242.0	21.2	18.7	9.9	296.8	297.1	0.1	11.1	13.4	70.
19.4	57.0	5413.9	493.0	-30.6	-50.4	242.8	21.9	19.4	10.0	296.9	297.2	0.1	12.2	13.9	70.
19.8	58.0	5515.3	486.0	-31.8	-50.6	242.7	22.5	20.0	10.3	296.7	296.9	0.1	13.4	14.5	70.
20.2	59.0	5632.4	478.0	-32.8	-51.4	242.2	23.1	20.4	10.8	296.8	297.0	0.1	13.5	15.0	69.
20.6	60.0	5751.0	470.0	-33.8	-52.1	241.7	23.5	20.7	11.1	297.0	297.3	0.1	13.6	15.6	69.
21.0	61.0	5856.0	463.0	-34.7	-52.3	241.9	23.5	20.8	11.1	297.2	297.4	0.1	13.7	16.1	69.
21.4	62.0	5977.4	455.0	-35.9	-53.3	242.7	22.9	20.4	10.5	297.1	297.3	0.1	13.8	16.7	69.
21.8	63.0	6100.4	447.0	-37.0	-54.6	243.2	22.0	19.6	9.9	297.3	297.5	0.0	13.9	17.3	68.
22.3	64.0	6209.4	440.0	-37.9	-55.3	243.8	21.3	19.1	9.4	297.5	297.6	0.0	14.0	17.9	68.
22.7	65.0	6319.7	433.0	-38.8	-56.1	244.8	21.8	19.7	9.3	297.6	297.8	0.0	14.1	18.3	68.
23.2	66.0	6463.5	424.0	-39.9	-56.9	247.1	23.2	21.4	9.0	298.0	298.2	0.0	14.2	19.0	68.
23.6	67.0	6577.0	417.0	-41.0	99.9	249.6	24.1	22.6	8.4	298.1	999.9	99.9	999.9	19.6	68.
24.0	68.0	6652.0	410.0	-41.6	99.9	252.2	24.2	23.1	7.4	298.9	999.9	99.9	999.9	20.3	68.
24.5	69.0	6808.5	403.0	-42.7	99.9	253.8	24.1	23.1	6.7	298.9	999.9	99.9	999.9	20.9	68.
25.0	70.0	6926.5	396.0	-43.8	99.9	253.0	24.7	23.6	7.2	298.9	999.9	99.9	999.9	21.6	68.
25.5	71.0	7080.5	387.0	-45.1	99.9	251.1	25.8	24.4	8.4	299.2	999.9	99.9	999.9	22.4	69.
25.9	72.0	7184.7	381.0	-45.9	99.9	249.4	27.2	25.5	9.6	299.4	999.9	99.9	999.9	23.0	69.
26.4	73.0	7307.7	374.0	-47.2	99.9	247.7	29.8	27.6	11.3	299.3	999.9	99.9	999.9	23.8	69.
26.8	74.0	7432.5	367.0	-48.1	99.9	246.7	31.4	28.8	12.4	299.8	999.9	99.9	999.9	24.6	69.
27.1	75.0	7541.0	361.0	-49.0	99.9	246.0	31.8	29.1	13.0	300.0	999.9	99.9	999.9	25.3	69.
27.4	76.0	7669.2	354.0	-50.0	99.9	245.1	31.3	28.4	13.2	300.3	999.9	99.9	999.9	25.9	69.
27.8	77.0	7799.5	347.0	-51.1	99.9	243.6	30.7	27.5	13.6	300.6	999.9	99.9	999.9	26.5	68.
28.4	78.0	7912.7	341.0	-52.0	99.9	241.8	32.1	28.3	15.2	300.8	999.9	99.9	999.9	27.6	68.
28.8	79.0	8027.5	335.0	-52.6	99.9	241.6	35.0	30.7	16.6	301.5	999.9	99.9	999.9	28.3	68.
29.4	80.0	8144.3	329.0	-52.3	99.9	242.6	39.8	35.3	13.3	303.5	999.9	99.9	999.9	29.7	68.
30.0	81.0	8304.1	321.0	-50.8	99.9	244.9	43.8	39.6	13.6	307.8	999.9	99.9	999.9	31.2	67.
30.6	82.0	8427.1	315.0	-50.3	99.9	246.5	47.5	43.6	18.9	310.1	999.9	99.9	999.9	32.8	67.
31.1	83.0	8552.7	309.0	-50.0	99.9	246.5	50.4	46.2	20.1	312.2	999.9	99.9	999.9	34.3	67.
31.7	84.0	8659.3	304.0	-50.2	99.9	245.3	51.7	47.0	21.6	313.4	999.9	99.9	999.9	36.2	67.
32.4	85.0	8789.6	298.0	-49.9	99.9	244.0	51.4	46.2	22.5	315.7	999.9	99.9	999.9	38.4	67.
33.1	86.0	8944.8	291.0	-50.3	99.9	244.3	52.7	47.4	22.9	317.2	999.9	99.9	999.9	40.5	67.
33.7	87.0	9103.5	284.0	-50.9	99.9	244.8	54.9	49.7	23.3	318.5	999.9	99.9	999.9	42.5	67.
34.1	88.0	9219.0	279.0	-51.4	99.9	245.0	56.1	50.8	23.7	319.5	999.9	99.9	999.9	43.8	67.
34.7	89.0	9336.5	274.0	-51.2	99.9	244.7	56.2	50.8	24.0	321.4	999.9	99.9	999.9	45.9	67.
35.2	90.0	9480.4	268.0	-51.2	99.9	244.1	55.0	49.5	24.1	323.4	999.9	99.9	999.9	47.6	67.
35.7	91.0	9627.7	262.0	-51.1	99.9	243.6	53.7	48.1	23.9	325.7	999.9	99.9	999.9	49.2	67.
36.2	92.0	9752.8	257.0	-51.9	99.9	243.3	53.7	48.0	24.1	326.4	999.9	99.9	999.9	50.7	66.
36.7	93.0	9880.1	252.0	-52.0	99.9	243.5	55.9*	50.0	24.9	328.0	999.9	99.9	999.9	52.3	66.
37.3	94.0	10009.6	247.0	-52.9	99.9	244.0	59.7*	53.6	26.1	328.5	999.9	99.9	999.9	54.3	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

7 FEBRUARY 1975  
515 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
37.8	95.0	10168.0	241.0	-53.6	99.7	244.1	58.7*	52.8	25.6	329.9	999.9	99.9	999.9	56.4	66.
38.5	96.0	10330.2	235.0	-53.4	99.3	243.5	52.1*	46.6	23.2	332.5	999.9	99.9	999.9	58.6	66.
39.0	97.0	10468.5	230.0	-53.9	99.9	243.4	50.6*	45.3	22.6	333.8	999.9	99.9	999.9	60.0	66.
39.7	98.0	10609.5	225.0	-54.2	99.9	243.3	50.8*	45.4	22.9	335.4	999.9	99.9	999.9	62.3	66.
40.2	99.0	10753.6	220.0	-54.5	99.0	243.5	51.9*	46.4	23.2	337.1	999.9	99.9	999.9	63.7	66.
40.8	100.0	10870.9	216.0	-55.0	99.9	244.2	53.7*	48.3	23.4	338.1	999.9	99.9	999.9	65.7	66.
41.5	101.0	11050.9	210.0	-55.2	99.9	244.3	52.0*	46.8	22.6	340.6	999.9	99.9	999.9	68.0	66.
42.1	102.0	11204.6	205.0	-55.7	99.3	244.5	50.5*	45.6	21.8	342.2	999.9	99.9	999.9	69.8	66.
42.7	103.0	11330.1	201.0	-55.5	99.7	245.6	50.6*	46.1	20.9	344.4	999.9	99.9	999.9	71.6	66.
43.2	104.0	11490.4	196.0	-56.3	99.9	246.8	49.4*	45.4	19.5	345.6	999.9	99.9	999.9	73.2	66.
43.7	105.0	11621.4	192.0	-56.3	99.9	247.9	48.5*	44.9	18.3	347.6	999.9	99.9	999.9	74.6	66.
44.2	106.0	11788.5	187.0	-57.7	99.9	248.7	49.1*	45.7	17.9	348.1	999.9	99.9	999.9	75.9	66.
44.7	107.0	11924.9	183.0	-57.7	99.9	249.4	48.2*	45.1	17.0	350.3	999.9	99.9	999.9	77.6	66.
45.2	108.0	12064.5	179.0	-57.3	99.9	249.9	44.5*	41.8	15.3	353.0	999.9	99.9	999.9	79.0	66.
45.8	109.0	12207.3	175.0	-57.7	99.3	250.3	40.8*	38.4	13.7	354.8	999.9	99.9	999.9	80.5	66.
46.6	110.0	12390.4	170.0	-57.3	99.3	250.6	42.1*	39.7	14.0	358.3	999.9	99.9	999.9	82.2	66.
47.5	111.0	12541.2	166.0	-56.5	99.9	250.5	45.5*	42.9	15.2	362.1	999.9	99.9	999.9	84.9	66.
48.0	112.0	12695.8	162.0	-57.2	99.9	251.7	45.1*	42.8	14.1	363.5	999.9	99.9	999.9	85.9	66.
49.6	113.0	12853.9	158.0	-57.3	99.9	253.4	40.8*	39.1	12.6	365.9	999.9	99.9	999.9	87.9	66.
49.2	114.0	13015.9	154.0	-57.7	99.9	254.9	35.2*	33.9	9.2	368.0	999.9	99.9	999.9	89.0	67.
49.7	115.0	13182.0	150.0	-57.8	99.9	255.1	32.8*	31.7	8.4	370.5	999.9	99.9	999.9	90.0	67.
50.5	116.0	13396.0	145.0	-57.3	99.9	252.3	36.1*	34.4	11.0	375.0	999.9	99.9	999.9	91.4	67.
51.1	117.0	13573.2	141.0	-56.7	99.3	250.0	39.7*	37.3	13.6	379.1	999.9	99.9	999.9	92.8	67.
51.8	118.0	13756.1	137.0	-55.7	99.3	245.4	32.7*	29.7	13.6	384.0	999.9	99.9	999.9	94.8	67.
52.7	119.0	13897.2	134.0	-55.3	99.9	238.2	33.0*	28.1	17.4	387.0	999.9	99.9	999.9	95.9	67.
53.3	120.0	14042.0	131.0	-54.5	99.9	237.6	39.6*	33.4	21.2	391.0	999.9	99.9	999.9	97.5	67.
54.0	121.0	14240.3	127.0	-55.0	99.9	234.6	36.7*	29.9	21.3	393.6	999.9	99.9	999.9	99.2	66.
54.6	122.0	14392.9	124.0	-55.5	99.9	233.7	34.1*	27.5	20.2	395.4	999.9	99.9	999.9	100.3	66.
55.1	123.0	14549.2	121.0	-55.2	99.9	235.8	34.9*	28.9	19.6	398.8	999.9	99.9	999.9	101.3	66.
55.7	124.0	14763.7	117.0	-55.3	99.3	239.1	34.6*	29.7	17.8	402.3	999.9	99.9	999.9	102.6	66.
56.2	125.0	14928.9	114.0	-56.8	99.3	242.3	34.3*	30.3	15.9	402.6	999.9	99.9	999.9	103.6	66.
57.2	126.0	15155.3	110.0	-56.7	99.3	245.7	41.6*	37.9	17.1	407.0	999.9	99.9	999.9	105.7	66.
58.0	127.0	15331.4	107.0	-54.7	99.9	244.4	43.7*	39.4	18.9	414.0	999.9	99.9	999.9	107.6	66.
58.9	128.0	15513.7	104.0	-54.1	99.9	239.7	35.6*	30.8	18.0	418.6	999.9	99.9	999.9	110.2	66.
59.7	129.0	15701.6	101.0	-53.9	99.9	242.7	41.5*	36.9	19.1	422.4	999.9	99.9	999.9	111.5	66.
60.2	130.0	15895.0	98.0	-54.5	99.9	244.8	46.3*	41.9	19.7	424.8	999.9	99.9	999.9	113.1	66.
61.0	131.0	16094.2	95.0	-54.2	99.3	245.8	40.1*	36.5	15.4	429.3	999.9	99.9	999.9	115.4	66.
61.7	132.0	16299.2	92.0	-56.0	99.3	245.9	36.5*	33.3	14.9	429.7	999.9	99.9	999.9	116.9	66.
62.2	133.0	16509.2	89.0	-57.7	99.9	246.9	34.9*	32.0	13.7	430.5	999.9	99.9	999.9	118.1	66.
63.0	134.0	16725.4	86.0	-58.2	99.3	252.4	28.7*	27.4	8.7	433.7	999.9	99.9	999.9	119.6	66.
63.7	135.0	16873.8	84.0	-57.5	99.9	255.8	27.0*	26.2	6.6	438.0	999.9	99.9	999.9	120.6	66.
64.7	136.0	17103.4	81.0	-57.8	99.9	253.9	39.4*	37.8	10.9	441.9	999.9	99.9	999.9	122.2	66.
65.8	137.0	17422.2	77.0	-58.7	99.9	256.9	39.0*	38.0	8.9	446.5	999.9	99.9	999.9	125.7	66.
66.7	138.0	17587.2	75.0	-59.4	99.9	260.1	30.9*	30.4	5.3	448.4	999.9	99.9	999.9	127.0	66.
67.5	139.0	17842.5	72.0	-59.9	99.3	257.0	35.1*	34.2	7.9	452.6	999.9	99.9	999.9	128.6	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

7 FEBRUARY 1975  
515 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
68.3	140.0	18108.3	69.0	-60.1	99.9	255.5	34.1*	33.0	3.6	457.8	999.9	99.9	999.9	130.3	67.
69.3	141.0	18385.3	66.0	-60.8	99.9	259.2	25.4*	25.0	4.8	462.1	999.9	99.9	999.9	132.2	67.
70.4	142.0	18674.0	63.0	-61.7	99.9	249.8	20.2*	18.9	7.3	466.3	999.9	99.9	999.9	132.9	67.
71.5	143.0	18976.1	60.0	-61.9	99.9	243.3	47.8*	42.7	21.4	472.4	999.9	99.9	999.9	136.2	67.
72.5	144.0	19292.5	57.0	-63.2	99.9	236.7	37.6*	31.4	20.6	476.4	999.9	99.9	999.9	138.3	67.
73.5	145.0	19624.2	54.0	-64.3	99.9	236.3	29.7*	24.7	16.5	481.2	999.9	99.9	999.9	140.5	67.
74.7	146.0	19855.3	52.0	-63.7	99.9	241.4	24.8*	21.8	11.9	487.8	999.9	99.9	999.9	142.1	66.
75.8	147.0	20220.6	49.0	-62.8	99.9	243.9	18.7*	16.8	3.2	498.4	999.9	99.9	999.9	143.4	66.
76.9	148.0	20609.2	46.0	-63.6	99.9	246.0	29.3*	26.8	11.9	505.6	999.9	99.9	999.9	145.2	66.
78.0	149.0	20880.9	44.0	-65.5	99.9	251.3	28.4*	26.9	9.1	507.4	999.9	99.9	999.9	147.0	66.
79.6	150.0	21309.3	41.0	-66.5	99.9	248.9	27.4*	25.6	9.9	515.2	999.9	99.9	999.9	149.8	67.
81.5	151.0	21771.7	38.0	-64.3	99.9	241.1	44.3*	38.8	21.4	532.1	999.9	99.9	999.9	152.8	67.
83.0	152.0	22102.6	36.0	-64.1	99.9	243.7	35.4*	31.7	15.7	540.9	999.9	99.9	999.9	156.7	66.
84.3	153.0	22632.3	33.0	-66.5	99.9	244.6	31.7*	28.6	13.6	548.2	999.9	99.9	999.9	160.0	66.
86.4	154.0	23010.5	31.0	-66.7	99.9	248.0	24.8*	23.0	9.3	557.5	999.9	99.9	999.9	162.7	66.
88.6	155.0	23632.1	28.0	-62.6	99.9	247.0	26.9*	24.8	10.5	585.4	999.9	99.9	999.9	166.6	66.
90.7	156.0	24088.7	26.0	-63.0	99.9	257.6	28.8*	28.1	6.2	596.9	999.9	99.9	999.9	169.6	66.
93.1	157.0	24842.5	23.0	-63.6	99.9	253.9	32.5*	31.2	9.0	616.5	999.9	99.9	999.9	174.4	67.
96.0	158.0	25696.9	20.0	-65.3	99.9	245.4	47.7*	43.3	19.9	636.3	999.9	99.9	999.9	181.9	67.
99.3	159.0	26340.8	18.0	-63.7	99.9	999.9	99.9	99.9	99.9	660.7	999.9	99.9	999.9	999.9	999.

STATION NO. 606  
PORTLAND, ME

7 FEBRUARY 1975  
1115 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	20.0	1002.6	-2.8	-5.0	350.0	2.6	0.5	-2.6	270.5	277.2	2.6	85.0	0.0	0.
0.1	6.0	32.7	1001.0	-2.7	-6.4	999.9	99.9	99.9	99.9	270.7	276.8	2.4	75.6	999.9	999.
0.5	7.0	120.3	990.0	-3.0	-4.0	999.9	99.9	99.9	99.9	271.3	278.6	2.9	92.5	999.9	999.
0.8	8.0	208.9	979.0	-3.0	-3.9	999.9	99.9	99.9	99.9	272.2	279.7	2.9	93.5	999.9	999.
1.2	9.0	298.4	968.0	-3.3	-3.4	999.9	99.9	99.9	99.9	272.8	280.6	3.1	98.9	999.9	999.
1.5	10.0	388.9	957.0	-3.4	-3.4	999.9	99.9	99.9	99.9	273.5	281.4	3.1	101.4	999.9	999.
1.8	11.0	505.3	943.0	-4.4	-4.4	35.8	3.4	-2.0	-2.8	273.7	281.3	2.9	101.3	0.3	214.
2.1	12.0	589.2	933.0	-5.3	-6.0	38.2	3.3	-2.1	-2.6	273.6	280.3	2.6	94.2	0.4	215.
2.5	13.0	682.3	922.0	-5.9	-6.9	40.2	2.4	-1.6	-1.9	273.9	280.3	2.5	92.7	0.4	215.
2.8	14.0	776.4	911.0	-6.0	-7.7	66.2	1.2	-1.1	-0.5	274.6	280.8	2.3	87.7	0.5	216.
3.1	15.0	871.5	900.0	-6.3	-7.5	155.9	1.0	-0.4	0.9	275.3	281.6	2.4	90.8	0.5	217.
3.6	16.0	985.4	887.0	-6.6	-6.6	198.1	3.1	1.0	3.0	276.2	283.0	2.6	100.7	0.4	223.
3.8	17.0	1082.8	876.0	-7.4	-7.4	201.3	3.4	1.2	3.2	276.4	282.9	2.5	99.5	0.4	225.
4.2	18.0	1172.3	866.0	-7.5	-7.5	202.9	3.8	1.5	3.5	277.1	283.7	2.5	100.6	0.3	231.
4.6	19.0	1271.8	855.0	-8.1	-8.1	999.9	99.9	99.9	99.9	277.5	283.9	2.4	100.5	999.9	999.
4.8	20.0	1363.2	845.0	-8.7	-8.7	999.9	99.9	99.9	99.9	277.8	284.1	2.3	100.4	999.9	999.
5.2	21.0	1483.3	832.0	-9.5	-9.5	999.9	99.9	99.9	99.9	278.1	284.1	2.2	100.3	999.9	999.
5.6	22.0	1576.7	822.0	-10.0	-10.1	999.9	99.9	99.9	99.9	278.6	284.4	2.2	99.4	999.9	999.
5.9	23.0	1671.1	812.0	-10.3	-10.3	999.9	99.9	99.9	99.9	279.3	285.1	2.2	99.9	999.9	999.
6.2	24.0	1766.6	802.0	-10.5	-10.5	999.9	99.9	99.9	99.9	280.0	285.7	2.1	100.1	999.9	999.
6.6	25.0	1863.2	792.0	-10.8	-10.8	999.9	99.9	99.9	99.9	280.7	286.4	2.1	101.8	999.9	999.
7.0	26.0	1990.3	779.0	-11.5	-11.5	999.9	99.9	99.9	99.9	281.2	286.7	2.0	105.0	999.9	999.
7.3	27.0	2089.4	769.0	-11.7	-11.8	999.9	99.9	99.9	99.9	282.1	287.6	2.0	99.4	999.9	999.
7.7	28.0	2179.7	760.0	-12.0	-12.1	999.9	99.9	99.9	99.9	282.7	288.2	2.0	98.8	999.9	999.
8.1	29.0	2281.0	750.0	-12.7	-12.9	999.9	99.9	99.9	99.9	283.0	288.3	1.9	98.5	999.9	999.
8.5	30.0	2383.3	740.0	-13.5	-13.9	999.9	99.9	99.9	99.9	283.2	288.1	1.8	98.1	999.9	999.
8.8	31.0	2486.8	730.0	-13.8	-14.0	272.9	9.3	9.3	-0.5	284.0	288.9	1.8	98.1	1.5	89.
9.1	32.0	2581.1	721.0	-14.5	-14.7	270.3	9.5	9.5	-0.0	284.2	288.9	1.7	98.2	1.7	90.
9.4	33.0	2686.9	711.0	-14.9	-15.9	267.9	9.4	9.4	0.3	284.9	289.3	1.6	92.3	1.8	90.
9.8	34.0	2783.4	702.0	-14.6	-14.9	264.0	9.6	9.5	1.0	286.2	291.1	1.7	97.9	2.1	89.
10.1	35.0	2881.2	693.0	-14.5	-15.3	261.0	9.8	9.7	1.5	287.4	292.0	1.6	89.5	2.2	89.
10.6	36.0	3013.5	681.0	-15.1	-17.1	256.3	10.4	10.1	2.5	288.2	292.4	1.5	84.4	2.5	88.
11.0	37.0	3125.3	671.0	-15.7	-18.1	253.6	10.9	10.4	3.1	288.7	292.6	1.4	81.9	2.8	86.
11.3	38.0	3227.1	662.0	-16.3	-18.7	252.1	10.9	10.4	3.3	289.2	293.0	1.3	81.7	3.0	85.
11.7	39.0	3330.0	653.0	-17.1	-20.0	250.6	11.0	10.4	3.7	289.3	292.8	1.2	78.4	3.2	84.
12.1	40.0	3434.0	644.0	-17.9	-21.0	249.5	11.3	10.6	4.0	289.6	292.8	1.1	76.6	3.5	83.
12.6	41.0	3562.7	633.0	-18.6	-21.8	249.1	12.5	11.7	4.5	290.2	293.3	1.0	75.7	3.8	82.
12.9	42.0	3669.4	624.0	-19.2	-22.1	249.0	13.3	12.4	4.8	290.8	293.8	1.0	77.5	4.0	81.
13.2	43.0	3765.4	616.0	-19.8	-22.7	248.6	13.9	12.9	5.1	291.1	294.0	1.0	77.4	4.3	80.
13.6	44.0	3886.7	606.0	-20.5	-23.5	247.9	14.3	13.3	5.4	291.6	294.4	0.9	76.0	4.6	80.
14.0	45.0	3984.9	598.0	-21.4	-25.0	246.8	14.4	13.2	5.7	291.6	294.2	0.8	72.7	5.0	79.
14.3	46.0	4096.6	589.0	-22.3	-26.4	246.4	14.5	13.2	5.8	292.0	294.2	0.7	69.0	5.2	78.
14.8	47.0	4197.0	581.0	-23.2	-27.0	246.3	14.6	13.4	5.9	292.0	294.2	0.7	70.7	5.6	77.
15.1	48.0	4311.1	572.0	-24.0	-26.8	246.7	14.8	13.6	5.9	292.4	294.6	0.7	77.7	5.9	77.
15.5	49.0	4413.8	564.0	-24.9	-27.0	247.9	15.1	14.0	5.7	292.5	294.6	0.7	77.8	6.2	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

7 FEBRUARY 1975  
1115 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.9	50.0	4530.7	555.0	-25.4	-29.0	249.7	15.5	14.5	5.4	293.2	295.1	0.6	72.0	6.6	76.
16.3	51.0	4662.3	545.0	-26.5	-30.9	251.3	15.8	14.9	5.1	293.4	295.1	0.5	66.0	7.0	75.
16.8	52.0	4769.0	537.0	-27.3	-31.7	252.2	16.2	15.4	4.9	293.7	295.3	0.5	66.0	7.5	75.
17.1	53.0	4877.0	529.0	-28.1	-33.7	252.1	16.4	15.6	5.1	294.0	295.3	0.4	58.4	7.8	75.
17.6	54.0	4999.9	520.0	-29.2	-35.3	250.1	16.8	15.8	5.7	294.2	295.3	0.4	54.8	8.3	75.
17.9	55.0	5110.5	512.0	-30.0	-36.8	247.9	17.0	15.8	6.4	294.5	295.5	0.3	51.0	8.6	75.
18.3	56.0	5236.6	503.0	-31.0	-39.2	244.6	17.6	15.9	7.5	294.7	295.5	0.2	43.9	9.0	74.
18.7	57.0	5350.1	495.0	-32.0	-40.2	241.4	18.5	16.2	8.9	294.9	295.7	0.2	43.6	9.4	74.
19.1	58.0	5465.0	487.0	-32.9	-41.2	238.9	19.9	17.1	10.3	295.1	295.8	0.2	42.8	9.8	73.
19.5	59.0	5581.5	479.0	-33.4	-42.8	237.3	21.9	18.5	11.9	295.9	296.5	0.2	38.1	10.3	73.
19.8	60.0	5684.6	472.0	-34.4	-43.8	236.9	23.7	19.8	12.9	296.0	296.5	0.2	37.3	10.7	72.
20.2	61.0	5804.0	464.0	-35.3	-45.1	236.8	25.8	21.6	14.1	296.2	296.7	0.1	35.6	11.3	71.
20.6	62.0	5909.7	457.0	-36.4	-45.8	237.2	27.8	23.4	15.1	296.2	296.6	0.1	36.8	11.9	70.
20.9	63.0	6031.9	449.0	-37.2	-46.4	237.6	29.0	24.5	15.5	296.7	297.1	0.1	37.2	12.4	70.
21.3	64.0	6140.3	442.0	-38.3	-47.3	238.2	30.2	25.6	15.9	296.6	297.0	0.1	37.7	13.1	69.
21.7	65.0	6249.9	435.0	-39.1	-48.0	238.7	31.1	26.6	16.2	296.9	297.3	0.1	37.7	13.9	69.
22.1	66.0	6392.9	426.0	-40.3	99.9	239.2	32.1	27.6	16.4	297.2	999.9	99.9	999.9	14.6	68.
22.5	67.0	6521.9	418.0	-41.4	99.9	240.1	33.3	28.9	16.6	297.4	999.9	99.9	999.9	15.3	68.
22.8	68.0	6636.2	411.0	-42.7	99.9	241.0	34.2	29.9	16.6	297.2	999.9	99.9	999.9	15.9	67.
23.2	69.0	6751.9	404.0	-43.8	99.9	241.9	35.1	30.9	16.5	297.2	999.9	99.9	999.9	16.8	67.
23.7	70.0	6868.9	397.0	-45.1	99.9	242.5	35.7	31.7	16.5	297.0	999.9	99.9	999.9	17.9	67.
24.3	71.0	7021.6	388.0	-46.6	99.9	242.6	36.4	32.3	15.7	297.0	999.9	99.9	999.9	19.1	67.
24.9	72.0	7142.2	381.0	-47.5	99.9	242.9	36.9	32.8	16.8	297.4	999.9	99.9	999.9	20.5	66.
25.5	73.0	7246.9	375.0	-48.5	99.9	243.3	36.2	32.3	16.3	297.4	999.9	99.9	999.9	21.8	66.
26.0	74.0	7370.6	368.0	-49.4	99.9	243.3	34.7	31.0	15.6	297.8	999.9	99.9	999.9	22.9	66.
26.7	75.0	7496.3	361.0	-49.9	99.9	241.9	33.1	29.2	15.6	298.8	999.9	99.9	999.9	24.3	66.
27.3	76.0	7606.1	355.0	-49.4	99.9	239.9	33.5	29.0	16.8	300.9	999.9	99.9	999.9	25.4	66.
27.8	77.0	7736.7	348.0	-49.0	99.9	238.7	34.3	29.3	17.8	303.2	999.9	99.9	999.9	26.5	65.
28.2	78.0	7851.0	342.0	-48.8	99.9	238.4	34.9	29.7	18.3	304.9	999.9	99.9	999.9	27.3	65.
28.7	79.0	7986.8	335.0	-49.1	99.9	238.5	36.0	30.7	18.9	306.3	999.9	99.9	999.9	28.3	65.
29.2	80.0	8145.5	327.0	-48.8	99.9	238.5	37.7	32.1	19.7	308.9	999.9	99.9	999.9	29.4	65.
29.7	81.0	8287.8	320.0	-48.5	99.9	238.4	40.1	34.2	21.0	311.2	999.9	99.9	999.9	30.6	64.
30.2	82.0	8412.2	314.0	-49.0	99.9	238.4	43.3	36.9	22.7	312.3	999.9	99.9	999.9	31.8	64.
30.8	83.0	8560.3	307.0	-49.0	99.9	238.1	46.4	39.4	24.5	314.3	999.9	99.9	999.9	33.4	64.
31.4	84.0	8689.8	301.0	-49.1	99.9	237.0	47.5	39.9	25.9	315.9	999.9	99.9	999.9	35.2	64.
31.8	85.0	8799.8	296.0	-49.1	99.9	235.8	48.0	39.7	27.0	317.4	999.9	99.9	999.9	36.3	63.
32.5	86.0	8979.4	288.0	-49.4	99.9	234.0	50.1	40.5	29.5	319.4	999.9	99.9	999.9	38.2	63.
33.2	87.0	9094.4	283.0	-48.7	99.9	233.8	52.2	42.1	30.8	322.1	999.9	99.9	999.9	40.5	62.
33.6	88.0	9235.0	277.0	-49.7	99.9	234.2	53.0	43.0	31.0	322.6	999.9	99.9	999.9	41.7	62.
34.0	89.0	9378.0	271.0	-50.6	99.9	234.9	54.0	44.2	31.1	323.3	999.9	99.9	999.9	42.9	62.
34.5	90.0	9499.2	266.0	-51.4	99.9	236.4	56.6	47.1	31.3	323.9	999.9	99.9	999.9	44.6	62.
35.1	91.0	9647.3	260.0	-51.7	99.9	237.7	59.3	50.1	31.6	325.5	999.9	99.9	999.9	46.7	61.
35.7	92.0	9798.7	254.0	-51.9	99.9	238.2	57.6	48.9	30.4	327.5	999.9	99.9	999.9	48.9	61.
36.2	93.0	9927.2	249.0	-53.0	99.9	238.3	53.2	45.3	28.0	327.7	999.9	99.9	999.9	50.7	61.
36.8	94.0	10057.9	244.0	-53.3	99.9	237.7	50.2	42.4	26.8	329.1	999.9	99.9	999.9	52.2	61.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 606  
PORTLAND, ME

7 FEBRUARY 1975  
1115 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
37.5	95.0	10218.2	238.0	-53.5	99.9	236.2	50.2*	41.7	28.0	331.2	999.9	99.9	999.9	54.7	61.
38.3	96.0	10382.2	232.0	-54.4	99.9	235.0	48.1*	39.5	27.6	332.2	999.9	99.9	999.9	56.8	61.
38.9	97.0	10522.2	227.0	-53.1	99.9	235.7	48.2*	39.8	27.2	336.2	999.9	99.9	999.9	58.5	61.
39.3	98.0	10665.8	222.0	-52.7	99.9	237.0	49.4*	41.5	26.9	339.1	999.9	99.9	999.9	59.6	60.
40.0	99.0	10813.0	217.0	-52.7	99.9	238.8	51.0*	43.6	26.4	341.3	999.9	99.9	999.9	61.9	60.
40.7	100.0	10963.6	212.0	-52.3	99.9	237.4	46.6*	39.3	25.1	344.1	999.9	99.9	999.9	63.9	60.
41.5	101.0	11149.1	206.0	-52.8	99.9	234.9	40.4*	33.1	23.2	346.2	999.9	99.9	999.9	65.7	60.
42.1	102.0	11275.7	202.0	-52.8	99.9	235.3	43.8*	36.0	24.9	348.2	999.9	99.9	999.9	67.3	60.
42.8	103.0	11437.3	197.0	-53.1	99.9	237.1	49.6*	41.6	26.9	350.2	999.9	99.9	999.9	69.3	60.
43.3	104.0	11602.9	192.0	-53.5	99.9	238.6	52.0*	44.4	27.1	352.2	999.9	99.9	999.9	70.9	60.
43.9	105.0	11738.2	188.0	-53.9	99.9	240.3	53.7*	46.7	25.7	353.6	999.9	99.9	999.9	72.8	60.
44.4	106.0	11911.1	183.0	-54.4	99.9	241.4	53.4*	46.9	25.6	355.5	999.9	99.9	999.9	74.5	60.
45.0	107.0	12052.5	179.0	-54.9	99.9	242.6	49.2*	43.7	22.7	357.0	999.9	99.9	999.9	76.4	60.
45.6	108.0	12196.7	175.0	-55.7	99.9	244.3	42.8*	38.6	18.6	357.9	999.9	99.9	999.9	78.1	60.
46.2	109.0	12344.0	171.0	-55.7	99.9	246.7	40.0*	36.7	15.8	360.3	999.9	99.9	999.9	79.4	60.
47.0	110.0	12533.3	166.0	-54.9	99.9	248.9	42.1*	39.3	15.2	364.7	999.9	99.9	999.9	81.1	60.
48.0	111.0	12729.9	161.0	-54.8	99.9	249.0	43.9*	40.9	15.7	368.2	999.9	99.9	999.9	84.1	61.
48.7	112.0	12889.8	157.0	-54.9	99.9	249.3	45.4*	42.4	16.0	370.6	999.9	99.9	999.9	85.6	61.
49.2	113.0	13054.5	153.0	-55.6	99.9	249.2	46.6*	43.5	16.5	372.2	999.9	99.9	999.9	87.2	61.
49.8	114.0	13222.9	149.0	-56.6	99.9	250.0	44.2*	41.5	15.1	373.3	999.9	99.9	999.9	88.9	61.
50.3	115.0	13351.8	146.0	-56.9	99.9	251.5	38.6*	36.6	12.2	374.9	999.9	99.9	999.9	90.2	61.
51.0	116.0	13572.1	141.0	-57.8	99.9	253.3	29.6*	28.3	8.5	377.2	999.9	99.9	999.9	91.5	61.
51.8	117.0	13753.8	137.0	-57.6	99.9	253.9	27.9*	26.8	7.7	380.6	999.9	99.9	999.9	92.7	62.
52.6	118.0	13893.8	134.0	-56.9	99.9	252.1	36.2*	34.5	11.1	384.2	999.9	99.9	999.9	93.9	62.
53.3	119.0	14085.9	130.0	-56.6	99.9	252.4	34.6*	33.0	10.5	388.2	999.9	99.9	999.9	95.9	62.
54.1	120.0	14284.3	126.0	-56.2	99.9	254.1	28.6*	27.5	7.8	392.3	999.9	99.9	999.9	97.2	62.
54.9	121.0	14437.7	123.0	-55.4	99.9	252.4	37.6*	35.8	11.4	396.5	999.9	99.9	999.9	98.2	62.
55.6	122.0	14648.3	119.0	-55.9	99.9	255.0	39.6*	38.3	10.3	399.4	999.9	99.9	999.9	100.7	62.
56.3	123.0	14810.6	116.0	-56.2	99.9	256.0	35.8*	34.7	8.7	401.7	999.9	99.9	999.9	101.8	63.
57.0	124.0	14977.2	113.0	-56.1	99.9	253.7	42.2*	40.5	11.9	405.0	999.9	99.9	999.9	102.9	63.
57.7	125.0	15206.7	109.0	-55.4	99.9	252.6	37.6*	35.9	11.3	410.4	999.9	99.9	999.9	105.5	63.
58.7	126.0	15384.8	106.0	-55.1	99.9	253.1	27.2*	26.1	7.9	414.4	999.9	99.9	999.9	106.8	63.
59.6	127.0	15630.5	102.0	-55.1	99.9	251.0	37.0*	35.0	12.0	418.9	999.9	99.9	999.9	108.3	63.
60.3	128.0	15820.7	99.0	-56.2	99.9	248.5	42.0*	39.1	13.4	420.3	999.9	99.9	999.9	110.3	63.
61.1	129.0	16016.1	96.0	-56.4	99.9	249.0	33.5*	31.2	12.0	423.7	999.9	99.9	999.9	112.2	63.
61.9	130.0	16217.9	93.0	-56.1	99.9	248.5	28.5*	26.5	10.5	428.2	999.9	99.9	999.9	113.5	64.
62.7	131.0	16426.0	90.0	-56.8	99.9	246.2	29.2*	26.7	11.8	430.9	999.9	99.9	999.9	114.9	64.
63.5	132.0	16640.5	87.0	-57.6	99.9	249.9	31.2*	29.3	10.7	433.4	999.9	99.9	999.9	116.3	64.
64.2	133.0	16861.8	84.0	-58.1	99.9	255.0	30.7*	29.6	7.9	436.7	999.9	99.9	999.9	117.7	64.
65.1	134.0	17090.8	81.0	-58.1	99.9	258.4	27.7*	27.2	5.6	441.3	999.9	99.9	999.9	119.2	64.
65.9	135.0	17248.3	79.0	-58.1	99.9	257.1	31.3*	30.5	7.0	444.4	999.9	99.9	999.9	120.3	64.
66.8	136.0	17575.5	75.0	-58.3	99.9	256.2	34.4*	33.4	8.2	450.7	999.9	99.9	999.9	122.3	64.
67.7	137.0	17831.8	72.0	-59.2	99.9	257.8	31.1*	30.4	6.6	454.1	999.9	99.9	999.9	124.0	64.
68.7	138.0	18098.5	69.0	-59.4	99.9	259.6	28.0*	27.5	5.1	459.3	999.9	99.9	999.9	125.8	65.
69.9	139.0	18376.4	66.0	-60.1	99.9	253.9	26.3*	25.3	7.3	463.6	999.9	99.9	999.9	127.6	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 606  
PORTLAND, ME

7 FEBRUARY 1975  
1115 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
71.1	140.0	18667.1	63.0	-59.5	99.9	241.6	29.2*	25.7	13.9	471.0	999.9	99.9	999.9	129.5	65.
72.1	141.0	18971.5	60.0	-60.8	99.9	234.7	23.7*	19.3	13.7	474.8	999.9	99.9	999.9	131.5	65.
73.1	142.0	19290.4	57.0	-61.0	99.9	251.7	13.5*	12.8	4.2	481.4	999.9	99.9	999.9	131.9	65.
74.2	143.0	19512.4	55.0	-61.0	99.9	249.7	22.7*	21.1	3.2	486.4	999.9	99.9	999.9	133.4	65.
75.7	144.0	19860.4	52.0	-61.7	99.9	242.3	17.5*	15.5	9.1	492.5	999.9	99.9	999.9	135.7	65.
76.9	145.0	20228.2	49.0	-61.9	99.9	237.1	26.3*	22.1	14.3	500.5	999.9	99.9	999.9	136.4	65.
77.9	146.0	20616.5	46.0	-64.8	99.9	233.8	34.7*	28.0	20.5	502.6	999.9	99.9	999.9	138.8	65.
78.9	147.0	20887.1	44.0	-65.8	99.9	237.0	33.2*	27.9	18.1	506.6	999.9	99.9	999.9	140.6	64.
80.1	148.0	21317.2	41.0	-64.6	99.9	243.1	27.4*	24.4	12.4	519.9	999.9	99.9	999.9	143.1	64.
81.9	149.0	21624.5	39.0	-62.1	99.9	250.6	28.9*	27.3	9.6	533.8	999.9	99.9	999.9	145.2	64.
83.2	150.0	22119.6	36.0	-61.9	99.9	249.0	45.4*	42.4	16.3	546.6	999.9	99.9	999.9	148.3	65.
84.2	151.0	22656.3	33.0	-63.2	99.9	252.5	36.0*	34.3	10.9	556.9	999.9	99.9	999.9	151.3	65.
85.7	152.0	23038.9	31.0	-65.2	99.9	247.6	18.8*	17.4	7.1	561.6	999.9	99.9	999.9	152.3	65.
87.3	153.0	23661.0	28.0	-63.8	99.9	244.8	35.1*	31.8	15.0	582.1	999.9	99.9	999.9	155.9	65.
88.8	154.0	24114.1	26.0	-65.0	99.9	245.0	41.9*	38.0	17.7	591.1	999.9	99.9	999.9	158.9	65.
90.2	155.0	24859.7	23.0	-66.0	99.9	250.6	37.6*	35.4	12.5	609.3	999.9	99.9	999.9	163.1	65.
92.0	156.0	25413.3	21.0	-64.8	99.9	257.7	27.5*	26.9	5.9	629.0	999.9	99.9	999.9	164.8	65.
94.3	157.0	26361.4	18.0	-61.5	99.9	250.3	36.8*	34.6	12.4	667.7	999.9	99.9	999.9	170.4	65.
96.4	158.0	27096.5	16.0	-58.6	99.9	245.3	32.1*	29.1	13.4	700.0	999.9	99.9	999.9	173.1	65.
98.8	159.0	28396.8	13.0	-60.1	99.9	256.1	24.6*	23.8	5.9	737.9	999.9	99.9	999.9	180.3	65.
102.6	160.0	29452.5	11.0	-54.8	99.9	999.9	99.9	99.9	99.9	793.3	999.9	99.9	999.9	999.9	999.

STATION NO. 637  
FLINT, MICH

5 FEBRUARY 1975  
2315 GMT

146 43. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	236.0	980.4	0.0	-2.2	40.0	5.2	-3.3	-4.0	275.1	283.7	3.3	85.0	0.0	0.
0.2	7.0	313.2	971.0	-0.1	-1.2	213.1	2.0	1.1	1.6	275.8	285.1	3.6	92.6	0.5	221.
0.6	8.0	404.3	960.0	-1.2	-1.9	201.9	1.0	0.4	0.9	275.6	284.4	3.5	95.0	0.5	221.
1.0	9.0	504.6	948.0	-2.0	-2.4	51.9	3.0	-2.4	-1.9	275.7	284.5	3.4	97.2	0.4	222.
1.3	10.0	605.9	936.0	-2.6	-2.9	49.8	5.9	-4.5	-3.8	276.1	284.6	3.3	97.9	0.6	223.
1.7	11.0	725.3	922.0	-3.6	-3.8	48.7	7.4	-5.6	-4.9	276.3	284.5	3.1	98.2	0.8	225.
2.0	12.0	820.1	911.0	-4.3	-4.6	47.8	6.7	-5.0	-4.5	276.5	284.3	3.0	98.1	0.9	226.
2.3	13.0	915.9	900.0	-4.5	-4.7	44.9	6.1	-4.3	-4.3	277.3	285.1	3.0	98.1	1.0	226.
2.7	14.0	1021.7	888.0	-4.5	-4.7	45.7	5.6	-4.0	-3.9	278.3	286.3	3.0	98.1	1.1	225.
3.0	15.0	1120.0	877.0	-4.6	-4.9	50.3	5.5	-4.3	-3.5	279.2	287.2	3.0	98.0	1.2	225.
3.4	16.0	1237.8	864.0	-4.2	-4.4	58.5	5.4	-4.6	-2.8	280.9	289.3	3.2	98.1	1.4	226.
3.8	17.0	1338.8	853.0	-4.6	-4.9	64.5	4.4	-4.0	-1.9	281.4	289.7	3.1	98.0	1.5	228.
4.1	18.0	1441.1	842.0	-4.8	-5.0	70.6	3.4	-3.2	-1.1	282.3	290.6	3.1	98.0	1.6	228.
4.4	19.0	1544.6	831.0	-4.9	-5.2	83.4	2.2	-2.2	-0.3	283.2	291.6	3.1	98.0	1.6	229.
4.8	20.0	1639.9	821.0	-5.4	-5.6	77.0	0.9	-0.9	-0.2	283.7	291.9	3.1	97.9	1.6	230.
5.2	21.0	1775.3	807.0	-4.2	-4.4	325.1	0.7	0.4	-0.6	286.4	295.6	3.4	98.1	1.6	230.
5.5	22.0	1873.7	797.0	-4.5	-4.7	304.9	1.6	1.3	-0.9	287.1	296.3	3.4	98.1	1.6	229.
5.9	23.0	1983.2	786.0	-5.1	-5.3	291.9	1.7	1.6	-0.6	287.6	296.5	3.3	98.0	1.6	228.
6.2	24.0	2083.9	776.0	-5.4	-5.6	291.1	1.7	1.6	-0.6	288.3	297.2	3.2	97.9	1.6	227.
6.6	25.0	2185.8	766.0	-5.5	-5.8	298.1	1.8	1.6	-0.8	289.2	298.1	3.2	97.9	1.6	226.
7.0	26.0	2320.1	753.0	-6.0	-6.3	308.9	2.3	1.8	-1.5	290.2	298.9	3.2	97.8	1.6	224.
7.3	27.0	2424.8	743.0	-6.6	-6.9	308.0	2.7	2.1	-1.7	290.6	299.1	3.1	97.3	1.6	222.
7.7	28.0	2530.7	733.0	-7.0	-7.6	302.7	3.3	2.8	-1.8	291.2	299.5	3.0	95.9	1.6	220.
8.0	29.0	2637.9	723.0	-7.6	-8.2	297.1	3.3	3.4	-1.7	291.7	299.7	2.8	95.3	1.6	218.
8.3	30.0	2746.2	713.0	-8.3	-8.3	289.6	4.1	3.9	-1.4	292.1	299.8	2.7	96.1	1.6	215.
8.7	31.0	2855.9	703.0	-8.8	-9.2	281.7	4.4	4.3	-0.9	292.7	300.4	2.7	97.0	1.5	210.
9.0	32.0	2966.9	693.0	-9.5	-9.9	276.1	4.5	4.5	-1.5	293.1	300.4	2.6	96.5	1.5	207.
9.4	33.0	3067.9	684.0	-9.8	-10.3	271.7	4.2	4.2	-0.1	293.9	301.1	2.6	96.1	1.5	204.
9.8	34.0	3181.6	674.0	-10.4	-11.0	269.4	3.9	3.9	0.0	294.5	301.5	2.5	95.2	1.4	200.
10.1	35.0	3285.0	665.0	-11.2	-11.9	268.3	3.7	3.7	0.1	294.6	301.2	2.3	94.4	1.4	198.
10.6	36.0	3424.7	653.0	-12.2	-13.1	266.1	3.4	3.4	0.2	295.0	301.2	2.1	93.2	1.4	193.
10.9	37.0	3518.9	645.0	-12.6	-13.3	263.3	3.3	3.3	0.4	295.6	301.5	2.0	91.1	1.3	191.
11.3	38.0	3638.2	635.0	-13.2	-14.6	257.4	3.3	3.2	0.7	296.2	301.9	1.9	89.3	1.3	188.
11.7	39.0	3746.8	626.0	-14.2	-15.6	250.3	3.6	3.3	1.2	296.3	301.6	1.8	88.8	1.3	185.
12.0	40.0	3868.9	616.0	-14.9	-16.3	245.1	3.9	3.5	1.6	296.9	302.0	1.7	88.6	1.3	183.
12.4	41.0	3992.7	606.0	-15.6	-17.0	240.2	4.5	3.9	2.3	297.4	302.4	1.7	88.5	1.2	178.
12.8	42.0	4105.5	597.0	-16.5	-17.8	238.5	5.2	4.5	2.7	297.6	302.3	1.6	89.5	1.2	174.
13.1	43.0	4219.7	588.0	-16.9	-18.3	238.4	5.8	4.9	3.0	298.4	303.0	1.5	89.2	1.1	169.
13.5	44.0	4335.4	579.0	-17.8	-19.1	239.6	6.5	5.6	3.3	298.8	303.1	1.5	89.2	1.1	161.
13.9	45.0	4452.5	570.0	-18.7	-20.2	241.1	7.2	6.3	3.5	299.0	303.0	1.3	87.6	1.0	153.
14.2	46.0	4557.7	562.0	-19.7	-21.3	241.5	7.7	6.8	3.7	299.0	302.8	1.2	86.6	1.1	146.
14.5	47.0	4677.4	553.0	-20.6	-22.3	241.7	8.2	7.3	3.9	299.3	302.8	1.2	86.2	1.1	138.
14.9	48.0	4785.1	545.0	-21.4	-23.2	240.6	8.9	7.7	4.4	299.6	302.9	1.1	85.1	1.2	128.
15.3	49.0	4907.8	536.0	-22.3	-24.1	239.3	9.5	8.1	4.8	299.9	303.0	1.0	85.2	1.3	119.
15.7	50.0	5018.1	528.0	-23.3	-24.9	238.2	10.1	8.6	5.3	300.0	303.0	1.0	86.4	1.4	110.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

5 FEBRUARY 1975  
2315 GMT

146 43. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.1	51.0	5157.9	518.0	-24.1	-25.0	237.8	10.8	9.1	5.8	300.7	303.5	0.9	87.4	1.5	103.
16.4	52.0	5271.3	510.0	-25.0	-26.3	238.1	11.3	9.6	6.0	300.9	303.6	0.8	86.9	1.7	98.
16.8	53.0	5386.0	502.0	-26.1	-27.5	239.4	11.9	10.2	6.1	301.0	303.4	0.8	86.9	1.9	92.
17.1	54.0	5502.1	494.0	-27.1	-28.9	240.5	12.2	10.7	6.0	301.0	303.2	0.7	84.5	2.1	89.
17.5	55.0	5619.5	486.0	-28.2	-30.0	241.7	12.6	11.1	6.0	301.1	303.2	0.6	84.4	2.4	86.
18.0	56.0	5768.5	476.0	-29.1	-30.9	241.0	12.8	11.2	6.2	301.8	303.7	0.6	84.5	2.8	83.
18.3	57.0	5874.1	469.0	-30.3	-32.0	239.7	12.9	11.2	6.5	301.5	303.3	0.6	85.3	3.0	81.
18.7	58.0	5996.4	461.0	-31.1	-32.3	238.3	13.2	11.2	6.9	302.0	303.7	0.5	85.4	3.2	79.
19.0	59.0	6104.7	454.0	-31.9	-33.7	237.4	13.5	11.4	7.3	302.3	303.9	0.5	83.6	3.5	78.
19.3	60.0	6230.0	446.0	-33.0	-35.0	237.5	13.9	11.7	7.5	302.5	304.0	0.4	82.2	3.7	76.
19.7	61.0	6341.1	439.0	-34.1	-36.1	238.3	14.5	12.3	7.6	302.5	303.8	0.4	81.7	4.0	75.
20.1	62.0	6469.7	431.0	-34.9	-36.8	239.8	15.2	13.1	7.6	303.1	304.3	0.4	82.4	4.3	73.
20.4	63.0	6583.8	424.0	-36.0	-37.9	241.0	15.6	13.7	7.6	303.1	304.3	0.3	81.7	4.6	73.
20.8	64.0	6699.1	417.0	-37.2	-39.5	242.1	15.9	14.1	7.5	303.0	304.0	0.3	78.2	5.0	72.
21.1	65.0	6815.9	410.0	-38.1	-41.3	242.6	16.1	14.2	7.4	303.2	304.1	0.2	71.3	5.3	71.
21.6	66.0	6968.4	401.0	-39.1	-42.9	242.6	16.0	14.2	7.4	303.9	304.6	0.2	66.6	5.8	71.
22.0	67.0	7071.5	395.0	-40.3	99.9	242.1	15.9	14.0	7.4	303.7	999.9	99.9	999.9	6.2	70.
22.4	68.0	7210.8	387.0	-41.2	99.9	240.8	16.0	13.9	7.8	304.4	999.9	99.9	999.9	6.5	70.
22.8	69.0	7316.7	381.0	-42.4	99.9	238.9	16.2	13.9	8.3	304.1	999.9	99.9	999.9	6.9	69.
23.1	70.0	7441.7	374.0	-43.6	99.9	237.6	16.4	13.8	8.8	304.2	999.9	99.9	999.9	7.2	69.
23.6	71.0	7586.8	366.0	-44.4	99.9	236.5	16.5	13.8	9.1	304.9	999.9	99.9	999.9	7.7	68.
24.0	72.0	7715.9	359.0	-45.6	99.9	237.0	16.5	13.9	9.0	305.0	999.9	99.9	999.9	8.1	67.
24.4	73.0	7827.9	353.0	-46.9	99.9	237.9	16.6	14.1	8.8	304.7	999.9	99.9	999.9	8.5	67.
24.8	74.0	7960.3	346.0	-47.9	99.9	237.7	17.0	14.4	9.1	305.1	999.9	99.9	999.9	8.9	67.
25.2	75.0	8075.4	340.0	-49.1	99.9	236.5	17.5	14.6	9.7	305.0	999.9	99.9	999.9	9.3	66.
25.6	76.0	8192.0	334.0	-50.1	99.9	234.8	18.2	14.9	10.5	305.3	999.9	99.9	999.9	9.7	66.
26.0	77.0	8310.1	328.0	-51.5	99.9	233.0	18.8	15.0	11.3	304.9	999.9	99.9	999.9	10.1	65.
26.3	78.0	8429.7	322.0	-52.6	99.9	232.0	19.1	15.0	11.8	305.0	999.9	99.9	999.9	10.5	65.
26.7	79.0	8550.8	316.0	-53.8	99.9	231.1	19.6	15.2	12.3	304.9	999.9	99.9	999.9	10.9	64.
27.1	80.0	8673.7	310.0	-54.8	99.9	231.0	20.1	15.6	12.7	305.2	999.9	99.9	999.9	11.4	64.
27.6	81.0	8819.3	303.0	-56.3	99.9	232.0	20.9	16.5	12.9	305.1	999.9	99.9	999.9	12.0	63.
28.0	82.0	8967.8	296.0	-56.2	99.9	233.4	21.5	17.3	12.9	307.4	999.9	99.9	999.9	12.5	62.
28.4	83.0	9076.1	291.0	-56.0	99.9	234.3	21.8	17.7	12.7	309.1	999.9	99.9	999.9	13.0	62.
28.8	84.0	9208.5	285.0	-56.3	99.9	234.4	21.9	17.8	12.8	310.5	999.9	99.9	999.9	13.5	62.
29.2	85.0	9320.9	280.0	-56.3	99.9	234.2	22.0	17.8	12.9	312.0	999.9	99.9	999.9	14.1	62.
29.6	86.0	9481.6	273.0	-56.5	99.9	234.0	22.2	17.9	13.0	314.1	999.9	99.9	999.9	14.6	61.
30.0	87.0	9622.6	267.0	-56.7	99.9	234.6	22.6	18.4	13.1	315.8	999.9	99.9	999.9	15.1	61.
30.4	88.0	9742.4	262.0	-56.8	99.9	235.5	23.2	19.1	13.1	317.3	999.9	99.9	999.9	15.6	61.
30.8	89.0	9889.2	256.0	-56.8	99.9	236.1	23.6	19.6	13.2	319.4	999.9	99.9	999.9	16.2	61.
31.2	90.0	10014.2	251.0	-56.8	99.9	236.2	24.0	19.9	13.3	321.2	999.9	99.9	999.9	16.8	61.
31.5	91.0	10141.9	246.0	-56.0	99.9	236.0	24.2	20.1	13.6	324.3	999.9	99.9	999.9	17.2	60.
32.0	92.0	10272.8	241.0	-55.0	99.9	235.0	25.7	21.0	14.7	327.7	999.9	99.9	999.9	17.9	60.
32.4	93.0	10406.9	236.0	-54.5	99.9	234.8	27.6	22.5	15.9	330.5	999.9	99.9	999.9	18.5	60.
32.8	94.0	10544.2	231.0	-54.2	99.9	235.4	29.4	24.2	16.7	333.0	999.9	99.9	999.9	19.2	60.
33.2	95.0	10684.5	226.0	-54.3	99.9	236.5	30.7	25.6	16.9	334.8	999.9	99.9	999.9	20.0	60.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

5 FEBRUARY 1975  
2315 GMT

146 43. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
33.7	96.0	10828.0	221.0	-54.0	99.9	238.4	31.5	26.8	16.5	337.5	999.9	99.9	999.9	20.9	60.
34.1	97.0	10975.0	216.0	-53.7	99.9	240.0	31.6	27.4	15.8	340.2	999.9	99.9	999.9	21.7	60.
34.6	98.0	11125.6	211.0	-53.4	99.9	241.7	31.7	27.9	15.0	343.0	999.9	99.9	999.9	22.6	60.
35.0	99.0	11249.0	207.0	-52.9	99.9	242.8	32.1	28.5	14.7	345.6	999.9	99.9	999.9	23.4	60.
35.4	100.0	11407.0	202.0	-52.2	99.9	243.9	32.0	28.7	14.1	349.1	999.9	99.9	999.9	24.2	60.
35.9	101.0	11569.2	197.0	-52.1	99.9	245.8	30.9	28.2	12.7	351.8	999.9	99.9	999.9	25.2	60.
36.3	102.0	11735.6	192.0	-52.2	99.9	247.3	30.3	28.0	11.7	354.2	999.9	99.9	999.9	25.9	60.
36.8	103.0	11871.8	188.0	-52.4	99.9	248.1	31.4	29.1	11.7	356.0	999.9	99.9	999.9	26.7	60.
37.2	104.0	12010.8	184.0	-52.6	99.9	247.7	33.5	31.0	12.7	358.0	999.9	99.9	999.9	27.4	61.
37.7	105.0	12152.8	180.0	-52.6	99.9	246.9	36.1	33.2	14.2	360.2	999.9	99.9	999.9	28.5	61.
38.1	106.0	12298.1	176.0	-52.4	99.9	246.5	37.2	34.1	14.9	362.8	999.9	99.9	999.9	29.5	61.
38.6	107.0	12446.7	172.0	-52.4	99.9	246.9	36.9	34.0	14.5	365.2	999.9	99.9	999.9	30.5	61.
39.0	108.0	12637.4	167.0	-52.6	99.9	248.1	35.8	33.2	13.3	368.0	999.9	99.9	999.9	31.5	61.
39.4	109.0	12754.4	164.0	-53.2	99.9	249.7	34.6	32.4	12.0	368.9	999.9	99.9	999.9	32.3	62.
40.0	110.0	12913.3	160.0	-53.5	99.9	250.7	33.5	31.6	11.0	371.0	999.9	99.9	999.9	33.4	62.
40.4	111.0	13117.7	155.0	-53.2	99.9	249.9	32.6	30.6	11.2	374.9	999.9	99.9	999.9	34.3	62.
41.0	112.0	13243.7	152.0	-52.9	99.9	247.1	30.9	28.5	12.1	377.5	999.9	99.9	999.9	35.4	62.
41.4	113.0	13415.8	148.0	-52.9	99.9	244.8	30.4	27.5	12.9	380.4	999.9	99.9	999.9	36.1	62.
41.8	114.0	13547.7	145.0	-53.5	99.9	243.5	30.4	27.2	13.6	381.5	999.9	99.9	999.9	36.8	62.
42.3	115.0	13727.7	141.0	-53.5	99.9	243.4	31.0	27.8	13.9	384.6	999.9	99.9	999.9	37.7	62.
42.9	116.0	13959.2	136.0	-55.0	99.9	245.4	32.3	29.4	13.4	386.0	999.9	99.9	999.9	38.9	62.
43.3	117.0	14101.6	133.0	-55.3	99.9	247.6	33.3	30.8	12.7	387.9	999.9	99.9	999.9	39.7	63.
43.8	118.0	14247.1	130.0	-55.5	99.9	250.5	34.6	32.6	11.6	390.1	999.9	99.9	999.9	40.7	63.
44.3	119.0	14395.8	127.0	-56.0	99.9	253.1	35.0	33.5	10.1	391.8	999.9	99.9	999.9	41.7	63.
44.8	120.0	14598.9	123.0	-56.8	99.9	255.5	33.4	32.3	8.3	393.9	999.9	99.9	999.9	42.9	63.
45.3	121.0	14755.2	120.0	-57.2	99.9	257.3	31.3	30.5	6.9	396.1	999.9	99.9	999.9	43.8	64.
45.8	122.0	14915.2	117.0	-57.7	99.9	257.3	31.2	30.5	6.8	398.0	999.9	99.9	999.9	44.5	64.
46.2	123.0	15079.1	114.0	-57.7	99.9	256.5	32.5	31.6	7.6	400.9	999.9	99.9	999.9	45.3	64.
46.7	124.0	15247.2	111.0	-58.2	99.9	255.3	33.7	32.6	8.6	403.0	999.9	99.9	999.9	46.3	64.
47.2	125.0	15419.7	108.0	-58.2	99.9	254.2	33.6	32.4	9.2	406.2	999.9	99.9	999.9	47.3	65.
47.8	126.0	15596.5	105.0	-59.5	99.9	252.0	33.5	31.8	10.3	407.1	999.9	99.9	999.9	48.5	65.
48.2	127.0	15777.5	102.0	-60.6	99.9	250.8	33.5	31.7	11.0	408.4	999.9	99.9	999.9	49.3	65.
48.7	128.0	15963.2	99.0	-61.1	99.9	250.9	33.5	31.7	11.0	410.8	999.9	99.9	999.9	50.3	65.
49.2	129.0	16090.0	97.0	-60.9	99.9	253.2	33.3	31.9	9.6	413.6	999.9	99.9	999.9	51.3	65.
49.7	130.0	16285.5	94.0	-60.4	99.9	256.8	32.5	31.7	7.4	418.4	999.9	99.9	999.9	52.3	65.
50.3	131.0	16487.4	91.0	-60.9	99.9	260.4	30.9	30.5	5.1	421.2	999.9	99.9	999.9	53.4	66.
50.9	132.0	16625.6	89.0	-60.7	99.9	260.9	30.6	30.2	4.8	424.3	999.9	99.9	999.9	54.4	66.
51.4	133.0	16838.6	86.0	-61.5	99.9	259.7	30.7	30.2	5.5	427.0	999.9	99.9	999.9	55.4	66.
52.0	134.0	17058.7	83.0	-61.5	99.9	259.8	28.9	28.4	5.1	431.3	999.9	99.9	999.9	56.5	66.
52.5	135.0	17209.9	81.0	-61.5	99.9	261.8	26.6	26.3	3.8	434.4	999.9	99.9	999.9	57.2	67.
53.1	136.0	17443.6	78.0	-62.0	99.9	263.9	26.0	25.9	2.8	437.9	999.9	99.9	999.9	58.1	67.
53.8	137.0	17603.8	76.0	-63.2	99.9	262.1	30.4	30.1	4.2	438.8	999.9	99.9	999.9	59.0	67.
54.4	138.0	17851.3	73.0	-63.6	99.9	259.3	34.8	34.2	6.4	443.0	999.9	99.9	999.9	60.3	67.
55.1	139.0	18109.9	70.0	-61.9	99.9	258.7	32.4	31.8	6.4	452.1	999.9	99.9	999.9	61.9	68.
55.7	140.0	18289.2	68.0	-62.0	99.9	259.5	28.3	27.9	5.2	455.4	999.9	99.9	999.9	62.8	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

5 FEBRUARY 1975  
2315 GMT

146 43. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
56.4	141.0	18568.2	65.0	-62.0	99.9	260.4	26.2	25.8	4.4	461.3	999.9	99.9	999.9	64.0	68.
57.2	142.0	18761.5	63.0	-62.0	99.9	261.6	27.3	27.0	4.0	465.5	999.9	99.9	999.9	65.1	68.
57.9	143.0	19063.2	60.0	-62.0	99.9	264.6	30.3	30.1	2.9	472.0	999.9	99.9	999.9	66.3	69.
58.7	144.0	19272.7	58.0	-62.2	99.9	268.3	31.8	31.7	0.9	476.2	999.9	99.9	999.9	67.8	69.
59.4	145.0	19488.8	56.0	-63.6	99.9	268.9	31.4	31.4	0.6	477.9	999.9	99.9	999.9	69.0	69.
60.2	146.0	19826.1	53.0	-64.4	99.9	270.1	29.5	29.5	-0.1	483.7	999.9	99.9	999.9	70.5	70.
61.0	147.0	20061.3	51.0	-64.6	99.9	273.6	25.9	25.9	-1.6	488.6	999.9	99.9	999.9	71.7	70.
61.7	148.0	20305.6	49.0	-64.8	99.9	271.8	25.5	25.5	-0.8	493.7	999.9	99.9	999.9	72.6	71.
62.4	149.0	20559.4	47.0	-65.6	99.9	265.2	27.6	27.5	2.3	497.7	999.9	99.9	999.9	73.7	71.
63.3	150.0	20823.0	45.0	-66.8	99.9	999.9	99.9	99.9	99.9	500.9	999.9	99.9	999.9	999.9	999.
64.0	151.0	21097.5	43.0	-67.3	99.9	999.9	99.9	99.9	99.9	506.4	999.9	99.9	999.9	999.9	999.

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
615 GMT

151 35. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	236.0	978.3	-1.7	-3.4	360.0	4.1	0.0	-4.1	273.5	281.3	3.0	88.0	0.0	0.
0.3	7.0	295.5	971.0	-2.8	-3.0	4.0	8.6	-0.6	-8.6	273.0	281.1	3.2	95.0	0.2	174.
0.6	8.0	385.8	960.0	-3.8	-3.8	5.4	8.4	-0.8	-8.4	272.9	280.7	3.0	100.3	0.2	176.
0.9	9.0	485.1	948.0	-4.1	-4.1	10.2	7.8	-1.4	-7.6	273.6	281.3	3.0	100.7	0.4	179.
1.2	10.0	577.1	937.0	-5.1	-5.1	18.6	7.0	-2.2	-6.6	273.4	280.6	2.8	100.3	0.5	183.
1.6	11.0	687.0	924.0	-5.1	-5.1	32.1	5.9	-3.1	-5.0	274.5	281.8	2.8	100.3	0.6	189.
1.9	12.0	798.3	911.0	-5.7	-5.7	37.2	4.8	-2.9	-3.8	275.0	282.1	2.7	100.2	0.7	193.
2.2	13.0	893.6	900.0	-6.0	-6.0	43.1	4.0	-2.7	-2.9	275.6	282.7	2.7	100.2	0.8	195.
2.6	14.0	989.8	889.0	-6.6	-6.6	52.8	3.2	-2.5	-1.9	276.0	282.8	2.6	100.1	0.9	198.
2.9	15.0	1078.3	879.0	-6.8	-6.8	61.4	2.8	-2.4	-1.3	276.7	283.6	2.6	100.1	0.9	201.
3.3	16.0	1203.9	865.0	-6.2	-6.2	43.3	1.7	-1.1	-1.2	278.6	286.0	2.8	100.2	1.0	203.
3.7	17.0	1304.0	854.0	-6.6	-6.5	349.1	2.0	0.4	-2.0	279.2	286.4	2.7	100.1	1.0	202.
4.0	18.0	1405.4	843.0	-6.8	-6.8	335.3	3.4	1.4	-3.1	280.1	287.3	2.7	100.1	1.0	201.
4.2	19.0	1498.6	833.0	-7.1	-7.1	335.4	3.8	1.6	-3.5	280.7	287.9	2.7	100.1	1.1	199.
4.6	20.0	1602.4	822.0	-7.2	-7.2	339.1	4.5	1.6	-4.2	281.6	288.9	2.7	99.8	1.1	195.
5.0	21.0	1717.1	810.0	-7.4	-7.4	352.8	4.9	0.6	-4.8	282.6	289.9	2.7	99.5	1.2	192.
5.2	22.0	1823.7	799.0	-7.4	-7.4	351.9	4.3	0.6	-4.3	283.7	291.2	2.7	99.5	1.3	191.
5.7	23.0	1921.9	789.0	-7.4	-7.4	333.1	3.2	1.4	-2.8	284.8	292.3	2.8	99.5	1.4	190.
6.0	24.0	2031.4	778.0	-7.4	-7.4	305.7	3.3	2.7	-1.9	285.9	293.6	2.8	99.5	1.4	189.
6.3	25.0	2132.3	768.0	-7.4	-7.4	294.3	3.8	3.5	-1.6	287.0	294.8	2.9	99.5	1.5	186.
6.7	26.0	2255.1	756.0	-7.5	-7.4	286.5	4.3	4.1	-1.2	288.1	296.0	2.9	99.5	1.5	182.
7.1	27.0	2358.7	746.0	-8.2	-8.3	284.0	4.5	4.3	-1.1	288.4	296.0	2.7	99.4	1.5	178.
7.5	28.0	2463.5	736.0	-8.8	-8.9	283.9	4.6	4.5	-1.1	288.9	296.2	2.6	99.0	1.5	174.
7.8	29.0	2569.6	726.0	-9.0	-9.1	282.9	4.5	4.4	-1.0	289.8	297.2	2.6	98.8	1.6	171.
8.1	30.0	2676.9	716.0	-9.5	-9.7	281.4	4.5	4.4	-0.9	290.3	297.5	2.6	98.7	1.6	168.
8.4	31.0	2785.6	706.0	-10.0	-10.1	279.0	4.4	4.4	-0.7	291.0	298.1	2.5	98.6	1.6	166.
8.8	32.0	2884.6	697.0	-10.4	-10.5	276.6	4.6	4.6	-0.5	291.6	298.5	2.4	98.3	1.7	162.
9.1	33.0	2995.8	687.0	-11.3	-11.5	275.2	4.8	4.8	-0.4	291.8	298.4	2.3	98.2	1.7	160.
9.3	34.0	3097.0	678.0	-11.7	-12.0	274.2	5.0	5.0	-0.4	292.5	298.9	2.2	97.7	1.7	158.
9.7	35.0	3199.3	669.0	-12.7	-13.0	272.0	5.3	5.3	-0.2	292.4	298.4	2.1	97.5	1.8	155.
10.1	36.0	3337.3	657.0	-13.5	-13.8	269.7	5.6	5.6	0.0	293.0	298.7	2.0	97.4	1.8	151.
10.3	37.0	3442.2	648.0	-14.2	-14.0	268.9	5.7	5.7	0.1	293.4	298.9	1.9	97.3	1.9	149.
10.8	38.0	3548.3	639.0	-14.6	-15.0	267.3	6.0	6.0	0.3	294.0	299.4	1.9	97.0	2.0	144.
11.1	39.0	3655.6	630.0	-15.6	-16.0	266.2	6.1	6.1	0.4	294.1	299.2	1.7	96.9	2.0	142.
11.4	40.0	3752.0	622.0	-16.4	-16.8	264.9	6.2	6.2	0.6	294.2	299.0	1.6	96.7	2.1	139.
11.9	41.0	3898.5	610.0	-17.0	-17.4	262.9	6.4	6.4	0.8	295.2	299.9	1.6	96.7	2.2	135.
12.2	42.0	3997.4	602.0	-18.2	-18.7	261.7	6.6	6.6	1.0	294.9	299.2	1.4	96.0	2.3	133.
12.5	43.0	4109.9	593.0	-18.6	-19.3	260.4	6.9	6.8	1.2	295.7	299.8	1.4	94.0	2.4	131.
12.9	44.0	4223.7	584.0	-19.7	-20.5	258.1	7.3	7.2	1.5	295.7	299.5	1.3	93.0	2.5	128.
13.1	45.0	4326.0	576.0	-20.5	-21.0	257.4	7.5	7.3	1.6	295.8	299.3	1.2	92.5	2.5	126.
13.6	46.0	4442.4	567.0	-21.6	-22.5	257.0	7.5	7.3	1.7	296.0	299.3	1.1	91.6	2.7	122.
13.9	47.0	4547.0	559.0	-22.4	-23.3	258.6	7.5	7.3	1.5	296.2	299.4	1.0	92.2	2.8	120.
14.1	48.0	4652.8	551.0	-23.1	-23.7	259.8	7.6	7.5	1.4	296.7	299.8	1.0	94.3	2.8	119.
14.5	49.0	4759.7	543.0	-24.3	-24.9	262.0	8.1	8.0	1.1	296.5	299.3	0.9	94.5	3.0	117.
14.9	50.0	4867.8	535.0	-25.2	-26.4	261.5	9.2	9.1	1.4	296.6	299.1	0.8	89.1	3.1	115.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
615 GMT

151 35. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.2	51.0	5004.7	525.0	-25.7	-27.2	260.3	10.1	10.0	1.7	297.6	300.0	0.8	87.0	3.3	113.
15.6	52.0	5115.9	517.0	-26.5	-28.5	258.4	11.2	11.0	2.3	297.9	300.1	0.7	83.2	3.5	111.
16.0	53.0	5228.4	509.0	-27.6	-29.9	256.8	12.1	11.8	2.8	297.9	299.9	0.6	80.1	3.8	109.
16.3	54.0	5342.2	501.0	-28.1	-31.4	255.6	12.5	12.1	3.1	298.6	300.4	0.5	72.8	3.9	107.
16.8	55.0	5457.5	493.0	-29.3	-33.4	253.3	13.1	12.6	3.8	298.5	300.0	0.5	67.4	4.3	104.
17.2	56.0	5588.8	484.0	-30.6	-35.5	251.4	13.8	13.0	4.4	298.5	299.7	0.4	61.8	4.6	102.
17.7	57.0	5707.0	476.0	-31.4	-36.9	249.9	14.7	13.9	5.1	298.9	300.0	0.3	57.8	4.9	99.
18.0	58.0	5811.7	469.0	-32.6	-38.4	249.5	15.3	14.4	5.4	298.7	299.6	0.3	55.7	5.2	98.
18.3	59.0	5932.7	461.0	-33.4	-39.8	248.6	15.5	14.5	5.7	299.1	300.0	0.3	57.4	5.4	96.
18.8	60.0	6040.0	454.0	-34.4	-41.7	246.2	15.5	14.2	6.3	299.3	300.0	0.2	50.6	5.9	94.
19.1	61.0	6148.4	447.0	-35.4	-42.3	244.6	15.5	14.0	6.6	299.2	299.9	0.2	48.9	6.1	93.
19.5	62.0	6258.1	440.0	-36.5	-43.5	242.9	15.6	13.9	7.1	299.2	299.8	0.2	48.0	6.4	91.
19.9	63.0	6369.0	433.0	-37.5	-44.1	242.7	16.1	14.3	7.4	299.4	300.0	0.2	49.1	6.7	90.
20.2	64.0	6457.4	425.0	-38.7	-44.8	242.7	16.3	14.5	7.5	299.4	300.0	0.2	51.8	7.0	89.
20.6	65.0	6611.2	418.0	-39.8	-45.3	242.7	16.5	14.7	7.6	299.4	300.0	0.2	55.1	7.4	87.
21.0	66.0	6743.1	410.0	-40.7	99.9	242.4	16.5	14.6	7.6	299.9	999.9	99.9	999.9	7.7	86.
21.3	67.0	6860.0	403.0	-41.9	99.9	242.5	16.4	14.5	7.6	300.0	999.9	99.9	999.9	8.0	85.
21.8	68.0	6944.4	398.0	-43.0	99.9	242.8	16.3	14.5	7.4	299.6	999.9	99.9	999.9	8.4	84.
22.1	69.0	7080.9	390.0	-44.3	99.9	243.1	16.2	14.4	7.3	299.6	999.9	99.9	999.9	8.7	83.
22.5	70.0	7202.0	383.0	-45.4	99.9	243.3	16.0	14.3	7.2	299.7	999.9	99.9	999.9	9.1	82.
23.1	71.0	7342.5	375.0	-46.4	99.9	242.8	16.1	14.3	7.4	300.1	999.9	99.9	999.9	9.6	81.
23.5	72.0	7449.4	369.0	-47.6	99.9	242.3	16.2	14.3	7.5	300.0	999.9	99.9	999.9	10.0	81.
23.9	73.0	7575.6	362.0	-48.7	99.9	241.9	16.1	14.2	7.6	300.2	999.9	99.9	999.9	10.4	80.
24.2	74.0	7685.2	356.0	-49.9	99.9	241.7	15.9	14.0	7.5	300.0	999.9	99.9	999.9	10.7	79.
24.7	75.0	7796.2	350.0	-50.6	99.9	241.2	15.5	13.5	7.4	300.5	999.9	99.9	999.9	11.1	79.
25.1	76.0	7908.6	344.0	-51.7	99.9	240.7	15.2	13.3	7.4	300.5	999.9	99.9	999.9	11.4	78.
25.5	77.0	8022.4	338.0	-52.8	99.9	240.1	15.3	13.2	7.6	300.5	999.9	99.9	999.9	11.8	77.
26.0	78.0	8137.7	332.0	-54.1	99.9	238.5	16.2	13.8	8.5	300.3	999.9	99.9	999.9	12.2	77.
26.2	79.0	8254.6	326.0	-54.6	99.9	237.7	16.7	14.1	8.9	301.2	999.9	99.9	999.9	12.4	77.
26.7	80.0	8373.3	320.0	-55.2	99.9	236.7	17.7	14.8	9.7	301.9	999.9	99.9	999.9	12.9	76.
27.2	81.0	8514.7	313.0	-54.6	99.9	237.9	17.8	15.0	9.4	304.7	999.9	99.9	999.9	13.4	75.
27.6	82.0	8638.6	307.0	-54.6	99.9	240.0	17.5	15.2	8.7	306.4	999.9	99.9	999.9	13.9	74.
28.1	83.0	8743.7	302.0	-54.8	99.9	242.3	17.6	15.5	8.2	307.6	999.9	99.9	999.9	14.3	74.
28.4	84.0	8871.9	296.0	-55.4	99.9	242.9	17.8	15.9	8.1	308.4	999.9	99.9	999.9	14.7	74.
28.8	85.0	9002.4	290.0	-55.7	99.9	243.8	18.1	16.2	8.0	309.8	999.9	99.9	999.9	15.1	73.
29.1	86.0	9135.4	284.0	-56.2	99.9	244.6	18.3	16.5	7.8	310.9	999.9	99.9	999.9	15.4	73.
29.7	87.0	9271.0	278.0	-56.2	99.9	246.4	19.0	17.4	7.6	312.8	999.9	99.9	999.9	16.1	73.
30.1	88.0	9386.2	273.0	-56.8	99.9	246.8	19.6	18.0	7.7	313.7	999.9	99.9	999.9	16.5	73.
30.5	89.0	9527.2	267.0	-56.4	99.9	246.5	20.3	18.6	8.1	316.2	999.9	99.9	999.9	17.0	73.
31.0	90.0	9647.2	262.0	-56.2	99.9	245.7	21.1	19.2	8.7	318.2	999.9	99.9	999.9	17.6	72.
31.3	91.0	9769.9	257.0	-55.4	99.9	245.7	21.5	19.6	8.9	321.2	999.9	99.9	999.9	18.0	72.
31.9	92.0	9895.2	252.0	-55.4	99.9	246.3	22.4	20.5	9.0	323.0	999.9	99.9	999.9	18.8	72.
32.3	93.0	10023.2	247.0	-54.8	99.9	246.4	23.2	21.2	9.3	325.8	999.9	99.9	999.9	19.3	72.
32.8	94.0	10154.2	242.0	-54.3	99.9	245.1	24.2	21.9	10.2	328.5	999.9	99.9	999.9	20.0	72.
33.1	95.0	10288.2	237.0	-53.6	99.9	243.6	24.7	22.1	11.0	331.4	999.9	99.9	999.9	20.5	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
615 GMT

151 35. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.7	96.0	10425.3	232.0	-53.9	99.9	239.9	25.3	21.9	12.7	332.9	999.9	99.9	999.9	21.4	71.
34.2	97.0	10565.3	227.0	-53.6	99.9	237.7	25.8	21.8	13.8	335.5	999.9	99.9	999.9	22.1	71.
34.6	98.0	10708.6	222.0	-53.3	99.9	237.2	26.1	21.9	14.1	338.1	999.9	99.9	999.9	22.7	70.
35.0	99.0	10825.6	218.0	-53.5	99.9	237.6	26.3	22.2	14.1	339.7	999.9	99.9	999.9	23.3	70.
35.4	100.0	10974.8	213.0	-53.8	99.9	237.9	26.8	22.7	14.3	341.4	999.9	99.9	999.9	24.0	70.
36.1	101.0	11127.5	208.0	-53.8	99.9	237.9	28.3	23.9	15.0	343.7	999.9	99.9	999.9	25.0	69.
36.5	102.0	11252.2	204.0	-53.9	99.9	237.9	28.7	24.3	15.2	345.4	999.9	99.9	999.9	25.8	69.
37.0	103.0	11411.7	199.0	-53.5	99.9	238.7	28.1	24.0	14.6	348.6	999.9	99.9	999.9	26.7	68.
37.5	104.0	11542.4	195.0	-53.3	99.9	240.3	28.4	24.6	14.1	350.9	999.9	99.9	999.9	27.4	68.
38.0	105.0	11675.9	191.0	-53.3	99.9	242.6	29.8	26.4	13.7	353.0	999.9	99.9	999.9	28.2	68.
38.5	106.0	11846.7	186.0	-53.3	99.9	244.7	30.8	27.8	13.2	355.7	999.9	99.9	999.9	29.2	68.
39.0	107.0	11951.4	183.0	-53.3	99.9	245.5	31.2	28.4	12.9	357.4	999.9	99.9	999.9	30.1	68.
39.4	108.0	12093.7	179.0	-53.5	99.9	245.5	31.7	28.8	13.1	359.4	999.9	99.9	999.9	30.8	68.
39.9	109.0	12239.3	175.0	-53.0	99.9	246.1	32.0	29.3	13.0	362.5	999.9	99.9	999.9	31.9	68.
40.4	110.0	12388.5	171.0	-52.7	99.9	247.3	31.8	29.4	12.3	365.4	999.9	99.9	999.9	32.8	68.
41.0	111.0	12580.3	166.0	-52.3	99.9	248.7	31.7	29.5	11.5	369.0	999.9	99.9	999.9	34.0	68.
41.5	112.0	12698.3	163.0	-52.3	99.9	248.7	32.3	30.1	11.8	371.0	999.9	99.9	999.9	34.9	68.
42.0	113.0	12859.0	159.0	-52.2	99.9	247.5	32.2	29.7	12.3	373.9	999.9	99.9	999.9	35.9	68.
42.5	114.0	13024.1	155.0	-51.9	99.9	245.6	30.3	27.6	12.5	377.2	999.9	99.9	999.9	37.0	68.
43.1	115.0	13150.9	152.0	-51.4	99.9	242.8	29.6	26.3	13.5	380.1	999.9	99.9	999.9	37.8	68.
43.8	116.0	13324.0	148.0	-51.7	99.9	240.9	30.9	27.0	15.1	382.4	999.9	99.9	999.9	39.1	67.
44.2	117.0	13501.6	144.0	-51.9	99.9	240.7	30.2	26.3	14.8	385.2	999.9	99.9	999.9	40.0	67.
44.8	118.0	13638.1	141.0	-51.7	99.9	242.0	28.1	24.8	13.2	387.8	999.9	99.9	999.9	40.9	67.
45.2	119.0	13777.4	138.0	-52.3	99.9	242.6	28.0	24.9	12.9	389.1	999.9	99.9	999.9	41.5	67.
45.7	120.0	13967.9	134.0	-51.7	99.9	242.1	29.1	25.7	13.6	393.5	999.9	99.9	999.9	42.4	67.
46.1	121.0	14114.5	131.0	-52.7	99.9	241.2	30.3	26.6	14.6	394.3	999.9	99.9	999.9	43.2	67.
46.7	122.0	14263.8	128.0	-53.5	99.9	241.7	33.3	29.4	15.8	395.5	999.9	99.9	999.9	44.2	67.
47.1	123.0	14416.2	125.0	-54.1	99.9	243.2	35.1	31.3	15.8	397.1	999.9	99.9	999.9	45.0	67.
47.7	124.0	14571.9	122.0	-54.8	99.9	246.3	33.3	30.5	13.4	398.6	999.9	99.9	999.9	46.5	66.
48.1	125.0	14731.1	119.0	-54.9	99.9	248.7	31.0	28.9	11.2	401.2	999.9	99.9	999.9	47.3	67.
48.9	126.0	14949.3	115.0	-55.6	99.9	251.4	33.5	31.7	13.7	403.9	999.9	99.9	999.9	48.5	67.
49.4	127.0	15117.5	112.0	-56.2	99.9	252.0	35.6	33.9	11.0	405.7	999.9	99.9	999.9	49.6	67.
49.9	128.0	15290.0	109.0	-56.4	99.9	253.4	32.7	31.3	9.3	408.6	999.9	99.9	999.9	50.9	67.
50.4	129.0	15467.0	106.0	-56.8	99.9	254.3	27.1	26.1	7.3	411.2	999.9	99.9	999.9	51.8	67.
51.0	130.0	15587.4	104.0	-57.9	99.9	251.8	24.3	23.1	7.6	411.1	999.9	99.9	999.9	52.3	67.
51.7	131.0	15834.9	100.0	-57.4	99.9	247.6	29.2	27.0	11.1	416.8	999.9	99.9	999.9	53.6	67.
52.3	132.0	15962.6	98.0	-57.3	99.9	246.4	32.3	29.6	12.9	419.5	999.9	99.9	999.9	54.7	67.
52.9	133.0	16159.1	95.0	-57.6	99.9	247.2	30.8	28.4	12.0	422.6	999.9	99.9	999.9	56.0	67.
53.4	134.0	16361.4	92.0	-58.3	99.9	249.0	26.9	25.1	9.6	425.1	999.9	99.9	999.9	56.9	67.
54.0	135.0	16499.3	90.0	-59.5	99.9	250.7	24.0	22.7	7.9	425.3	999.9	99.9	999.9	57.5	67.
54.7	136.0	16711.1	87.0	-60.1	99.9	249.8	28.2	26.5	9.8	428.4	999.9	99.9	999.9	58.7	67.
55.4	137.0	16929.9	84.0	-60.6	99.9	250.5	35.0	33.0	11.7	431.6	999.9	99.9	999.9	60.1	67.
56.1	138.0	17156.2	81.0	-60.8	99.9	254.3	35.5	34.2	7.6	435.8	999.9	99.9	999.9	61.6	67.
56.9	139.0	17390.8	78.0	-61.0	99.9	257.5	28.6	27.9	6.2	440.1	999.9	99.9	999.9	63.1	68.
57.7	140.0	17635.1	75.0	-60.1	99.9	255.6	23.8	23.1	5.9	447.0	999.9	99.9	999.9	64.4	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
615 GMT

151 35. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.3	141.0	17803.7	73.0	-60.4	99.9	252.9	24.8	23.7	7.3	449.7	999.9	99.9	999.9	65.1	68.
59.1	142.0	18064.6	70.0	-61.3	99.9	249.4	25.7	24.0	9.0	453.2	999.9	99.9	999.9	66.5	68.
60.0	143.0	18335.4	67.0	-62.9	99.9	252.0	21.4	20.4	6.6	455.6	999.9	99.9	999.9	67.4	68.
60.7	144.0	18521.6	65.0	-63.8	99.9	259.0	26.6	26.1	5.1	457.5	999.9	99.9	999.9	68.6	68.
61.5	145.0	18811.2	62.0	-64.0	99.9	262.2	29.3	29.1	4.0	463.3	999.9	99.9	999.9	70.1	68.
62.4	146.0	19011.2	60.0	-65.8	99.9	257.9	24.0	23.5	5.0	463.6	999.9	99.9	999.9	71.4	69.
63.3	147.0	19322.7	57.0	-65.8	99.9	254.1	25.7	24.7	7.0	470.4	999.9	99.9	999.9	72.8	69.
64.2	148.0	19540.3	55.0	-64.6	99.9	258.1	26.1	25.6	5.4	478.0	999.9	99.9	999.9	74.1	69.
65.2	149.0	19883.5	52.0	-63.8	99.9	264.9	25.0	24.9	2.2	487.6	999.9	99.9	999.9	75.6	69.
66.2	150.0	20124.0	50.0	-63.8	99.9	266.6	29.0	28.9	1.7	493.1	999.9	99.9	999.9	77.1	69.
67.4	151.0	20503.6	47.0	-63.6	99.9	268.8	28.8	28.8	0.6	502.4	999.9	99.9	999.9	79.5	70.
68.5	152.0	20769.6	45.0	-65.0	99.9	279.3	22.3	22.0	-3.6	505.3	999.9	99.9	999.9	80.6	70.
69.7	153.0	21190.0	42.0	-65.2	99.9	270.9	24.9	24.9	-0.4	514.9	999.9	99.9	999.9	82.2	71.
70.9	154.0	21488.1	40.0	-64.0	99.9	267.5	26.4	26.4	1.2	525.1	999.9	99.9	999.9	84.0	71.
72.2	155.0	21801.4	38.0	-65.2	99.9	999.9	99.9	99.9	99.9	529.8	999.9	99.9	999.9	999.9	999.
73.8	156.0	22301.6	35.0	-65.8	99.9	999.9	99.9	99.9	99.9	540.9	999.9	99.9	999.9	999.9	999.

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
1115 GMT

139 79. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	236.0	977.7	-3.9	-5.0	340.0	3.1	1.1	-2.9	271.3	278.2	2.7	92.0	0.0	0.
0.3	7.0	290.2	971.0	-5.1	-6.4	254.3	1.6	1.6	0.4	270.7	276.9	2.4	90.5	0.3	152.
0.6	8.0	379.6	960.0	-6.0	-6.2	270.6	1.8	1.8	-0.0	270.6	277.1	2.5	98.5	0.3	150.
0.9	9.0	478.1	948.0	-6.7	-6.7	301.5	2.7	2.3	-1.4	270.9	277.1	2.4	99.6	0.3	145.
1.3	10.0	577.7	936.0	-6.6	-6.6	317.0	4.7	3.2	-3.4	272.0	278.4	2.5	99.9	0.4	143.
1.7	11.0	695.6	922.0	-6.6	-6.6	321.4	6.3	3.9	-4.9	273.2	279.8	2.5	100.2	0.6	142.
2.0	12.0	789.3	911.0	-7.1	-7.3	322.4	7.0	4.3	-5.6	273.5	279.8	2.4	99.1	0.7	142.
2.2	13.0	884.0	900.0	-7.9	-8.1	323.5	7.1	4.2	-5.7	273.7	279.7	2.3	98.5	0.8	142.
2.6	14.0	988.4	888.0	-8.2	-8.3	324.1	7.0	4.1	-5.6	274.4	280.4	2.3	98.7	0.9	143.
3.0	15.0	1085.2	877.0	-8.3	-8.5	319.2	6.3	4.1	-4.8	275.2	281.3	2.3	98.6	1.1	143.
3.4	16.0	1201.3	864.0	-8.2	-8.3	312.5	6.4	4.7	-4.3	276.6	282.8	2.4	98.7	1.2	142.
3.8	17.0	1300.8	853.0	-8.6	-8.8	309.2	6.4	4.9	-4.0	277.1	283.3	2.3	98.8	1.4	140.
4.1	18.0	1401.5	842.0	-8.6	-8.8	307.7	6.4	5.1	-3.9	278.2	284.4	2.3	98.6	1.5	140.
4.5	19.0	1494.2	832.0	-8.6	-8.7	306.7	7.0	5.6	-4.2	279.1	285.5	2.4	99.1	1.7	138.
4.7	20.0	1597.3	821.0	-8.9	-9.1	306.8	7.2	5.8	-4.3	279.9	286.2	2.3	98.6	1.8	138.
5.2	21.0	1721.1	808.0	-9.0	-9.2	306.8	7.5	6.0	-4.5	281.0	287.3	2.4	98.5	2.0	137.
5.6	22.0	1817.6	798.0	-9.0	-9.2	306.9	7.7	6.2	-4.6	282.0	288.5	2.4	98.5	2.1	136.
5.9	23.0	1915.3	788.0	-9.2	-9.4	307.5	7.9	6.3	-4.8	282.9	289.3	2.4	98.3	2.3	135.
6.2	24.0	2014.1	778.0	-9.2	-9.4	307.6	7.5	5.9	-4.6	283.9	290.5	2.4	98.3	2.4	135.
6.5	25.0	2124.3	767.0	-9.5	-9.7	307.5	6.7	5.3	-4.1	284.7	291.3	2.4	98.2	2.6	134.
6.9	26.0	2236.0	756.0	-10.1	-10.3	303.5	6.1	5.1	-3.4	285.3	291.6	2.3	97.9	2.7	134.
7.2	27.0	2338.6	746.0	-10.6	-10.9	300.2	5.8	5.0	-2.9	285.7	291.9	2.2	97.6	2.8	134.
7.7	28.0	2442.4	736.0	-11.2	-11.5	294.2	5.7	5.2	-2.3	286.2	292.1	2.1	96.6	3.0	133.
7.9	29.0	2558.0	725.0	-11.8	-12.3	291.5	5.7	5.3	-2.1	286.8	292.5	2.1	95.9	3.0	132.
8.3	30.0	2664.3	715.0	-12.3	-12.9	286.2	5.7	5.5	-1.6	287.3	292.9	2.0	95.6	3.2	131.
8.6	31.0	2761.2	706.0	-12.6	-13.2	282.4	5.7	5.6	-1.2	288.0	293.6	2.0	95.4	3.2	130.
8.9	32.0	2869.9	696.0	-13.6	-14.1	279.1	5.7	5.7	-0.9	288.1	293.3	1.8	95.6	3.3	129.
9.2	33.0	2968.9	687.0	-13.9	-14.4	275.8	5.9	5.9	-0.6	288.9	294.0	1.8	95.6	3.4	129.
9.7	34.0	3080.2	677.0	-14.7	-15.2	270.4	6.6	6.6	-0.0	289.1	294.1	1.7	95.7	3.6	127.
9.9	35.0	3181.5	668.0	-15.4	-15.9	268.3	7.0	7.0	0.2	289.5	294.2	1.7	95.8	3.6	126.
10.3	36.0	3295.4	658.0	-15.8	-16.3	265.5	8.0	7.9	0.6	290.2	294.9	1.6	95.9	3.8	125.
10.6	37.0	3410.9	648.0	-16.2	-16.6	264.7	8.8	8.7	0.8	291.0	295.7	1.6	96.5	3.9	123.
10.9	38.0	3516.1	639.0	-16.9	-17.3	265.2	9.7	9.6	0.8	291.4	295.9	1.5	97.1	4.0	122.
11.3	39.0	3610.6	631.0	-17.5	-17.8	266.2	10.7	10.7	0.7	291.8	296.2	1.5	97.0	4.2	120.
11.6	40.0	3713.2	622.0	-18.1	-18.6	266.4	11.4	11.4	0.7	292.2	296.4	1.4	96.2	4.4	118.
12.0	41.0	3851.3	611.0	-19.2	-19.3	265.5	11.9	11.8	0.9	292.5	296.3	1.3	95.0	4.7	116.
12.3	42.0	3949.3	603.0	-19.9	-20.4	264.1	11.9	11.8	1.2	292.8	296.4	1.2	92.8	4.8	115.
12.6	43.0	4048.2	595.0	-20.7	-21.6	263.0	11.8	11.7	1.4	293.0	296.3	1.1	92.2	5.0	114.
13.0	44.0	4160.9	586.0	-21.4	-22.5	262.1	11.5	11.4	1.6	293.4	296.6	1.1	90.9	5.3	112.
13.3	45.0	4262.1	578.0	-22.2	-23.7	262.3	11.4	11.3	1.5	293.6	296.6	1.0	87.3	5.4	111.
13.6	46.0	4364.5	570.0	-23.0	-24.7	262.6	11.3	11.2	1.5	293.9	296.6	0.9	85.5	5.6	110.
14.0	47.0	4467.9	562.0	-23.8	-25.6	263.3	11.3	11.2	1.3	294.1	296.7	0.8	85.2	5.8	109.
14.3	48.0	4572.6	554.0	-24.3	-26.1	263.8	11.4	11.3	1.2	294.7	297.2	0.8	85.1	6.0	108.
14.6	49.0	4678.5	546.0	-25.1	-26.9	264.1	11.5	11.4	1.2	294.9	297.3	0.8	85.4	6.2	107.
14.9	50.0	4785.5	538.0	-26.1	-27.7	264.0	11.5	11.4	1.2	295.1	297.3	0.7	85.9	6.4	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
1115 GMT

139 79. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.3	51.0	4921.2	528.0	-26.9	-28.4	263.1	11.4	11.3	1.4	295.7	297.8	0.7	86.6	6.7	106.
15.6	52.0	5031.1	520.0	-27.9	-29.3	262.0	11.3	11.2	1.6	295.7	297.7	0.6	88.0	6.9	105.
15.9	53.0	5128.4	513.0	-28.3	-29.5	260.7	11.3	11.1	1.8	296.3	298.3	0.6	89.4	7.1	104.
16.3	54.0	5241.0	505.0	-29.1	-30.4	259.8	11.7	11.6	2.1	296.7	298.6	0.6	88.6	7.3	103.
16.7	55.0	5340.6	498.0	-30.2	-31.5	259.8	12.5	12.3	2.2	296.6	298.3	0.5	88.4	7.5	102.
17.0	56.0	5470.2	489.0	-31.0	-32.3	260.1	13.1	13.0	2.3	297.1	298.8	0.5	88.3	7.7	102.
17.3	57.0	5587.0	481.0	-31.9	-33.3	260.0	13.5	13.3	2.4	297.4	298.9	0.5	87.4	8.0	101.
17.6	58.0	5690.5	474.0	-32.5	-33.7	259.6	13.8	13.5	2.5	298.0	299.4	0.5	88.9	8.2	101.
17.9	59.0	5755.2	467.0	-33.4	-34.9	258.6	13.8	13.5	2.7	298.1	299.4	0.4	86.1	8.5	100.
18.2	60.0	5901.1	460.0	-34.2	-36.4	257.6	13.6	13.3	2.9	298.3	299.5	0.4	80.5	8.7	99.
18.6	61.0	6008.3	453.0	-34.9	-37.5	256.5	13.4	13.0	3.1	298.8	299.9	0.3	76.9	9.0	99.
18.8	62.0	6116.7	446.0	-35.8	-38.5	256.3	13.2	12.8	3.1	298.9	299.9	0.3	76.3	9.2	98.
19.2	63.0	6210.7	440.0	-36.9	-39.7	256.3	12.8	12.4	3.0	298.7	299.6	0.3	75.2	9.4	97.
19.5	64.0	6321.5	433.0	-37.6	-40.3	256.6	12.6	12.2	2.9	299.2	300.1	0.3	76.0	9.6	97.
19.8	65.0	6433.7	426.0	-38.6	-41.2	257.2	12.7	12.4	2.8	299.4	300.2	0.2	75.8	9.9	96.
20.2	66.0	6563.6	418.0	-39.8	-42.5	257.9	13.2	12.9	2.8	299.4	300.1	0.2	75.6	10.1	96.
20.6	67.0	6662.3	412.0	-40.8	99.9	258.4	13.9	13.6	2.8	299.4	999.9	99.9	999.9	10.4	95.
20.8	68.0	6778.6	405.0	-41.8	99.9	258.4	14.2	13.9	2.8	299.6	999.9	99.9	999.9	10.6	95.
21.1	69.0	6879.6	399.0	-42.5	99.9	258.3	14.6	14.3	3.0	300.0	999.9	99.9	999.9	10.9	95.
21.4	70.0	6981.8	393.0	-43.5	99.9	257.9	14.8	14.5	3.1	300.0	999.9	99.9	999.9	11.1	94.
21.8	71.0	7119.7	385.0	-44.8	99.9	257.2	15.0	14.7	3.3	300.0	999.9	99.9	999.9	11.5	94.
22.1	72.0	7224.6	379.0	-45.7	99.9	256.7	15.1	14.7	3.5	300.2	999.9	99.9	999.9	11.7	93.
22.4	73.0	7330.7	373.0	-46.6	99.9	256.2	15.0	14.5	3.6	300.4	999.9	99.9	999.9	12.0	93.
22.7	74.0	7438.1	367.0	-47.6	99.9	255.8	14.6	14.2	3.6	300.5	999.9	99.9	999.9	12.3	93.
23.1	75.0	7546.8	361.0	-48.3	99.9	255.7	14.0	13.6	3.5	300.9	999.9	99.9	999.9	12.6	92.
23.4	76.0	7656.9	355.0	-49.4	99.9	256.2	13.6	13.2	3.2	300.9	999.9	99.9	999.9	12.8	92.
23.7	77.0	7749.7	350.0	-50.3	99.9	257.3	13.3	13.0	2.9	300.9	999.9	99.9	999.9	13.0	92.
24.0	78.0	7862.4	344.0	-51.0	99.9	258.6	13.1	12.8	2.6	301.5	999.9	99.9	999.9	13.3	91.
24.3	79.0	7976.6	338.0	-52.2	99.9	259.9	13.0	12.8	2.3	301.3	999.9	99.9	999.9	13.5	91.
24.7	80.0	8092.2	332.0	-53.2	99.9	261.0	13.0	12.8	2.0	301.5	999.9	99.9	999.9	13.8	91.
25.0	81.0	8209.4	326.0	-54.2	99.9	261.5	13.0	12.8	1.9	301.7	999.9	99.9	999.9	14.0	91.
25.3	82.0	8328.4	320.0	-55.0	99.9	261.4	13.1	12.9	2.0	302.2	999.9	99.9	999.9	14.3	91.
25.7	83.0	8428.9	315.0	-55.5	99.9	261.3	13.3	13.2	2.0	302.9	999.9	99.9	999.9	14.6	90.
26.0	84.0	8530.9	310.0	-55.5	99.9	261.2	13.7	13.5	2.1	304.3	999.9	99.9	999.9	14.8	90.
26.3	85.0	8634.5	305.0	-55.7	99.9	261.2	14.1	14.0	2.2	305.4	999.9	99.9	999.9	15.1	90.
26.7	86.0	8782.2	298.0	-56.2	99.9	261.2	14.6	14.4	2.2	306.8	999.9	99.9	999.9	15.4	90.
27.0	87.0	8889.6	293.0	-56.9	99.9	261.1	14.9	14.7	2.3	307.3	999.9	99.9	999.9	15.7	90.
27.3	88.0	8998.5	288.0	-57.6	99.9	261.3	15.1	15.0	2.3	307.8	999.9	99.9	999.9	15.9	90.
27.6	89.0	9108.9	283.0	-58.1	99.9	261.7	15.5	15.3	2.2	308.6	999.9	99.9	999.9	16.2	89.
27.9	90.0	9221.1	278.0	-58.6	99.9	262.3	16.0	15.9	2.2	309.4	999.9	99.9	999.9	16.5	89.
28.2	91.0	9335.1	273.0	-58.8	99.9	262.8	16.6	16.5	2.1	310.8	999.9	99.9	999.9	16.8	89.
28.5	92.0	9451.3	268.0	-58.4	99.9	263.3	17.3	17.2	2.0	312.9	999.9	99.9	999.9	17.1	89.
28.8	93.0	9569.7	263.0	-58.4	99.9	263.0	17.9	17.8	2.2	314.6	999.9	99.9	999.9	17.4	89.
29.1	94.0	9666.0	259.0	-58.6	99.9	262.2	18.5	18.3	2.5	315.7	999.9	99.9	999.9	17.7	89.
29.4	95.0	9788.5	254.0	-58.6	99.9	260.5	19.1	18.8	3.2	317.5	999.9	99.9	999.9	18.1	89.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
1115 GMT

139 79. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
29.8	96.0	9913.7	249.0	-57.9	99.9	257.0	20.0	19.5	4.5	320.4	999.9	99.9	999.9	18.5	89.
30.1	97.0	10041.6	244.0	-57.7	99.9	254.2	20.7	19.9	5.7	322.5	999.9	99.9	999.9	18.9	88.
30.4	98.0	10146.1	240.0	-56.9	99.9	251.6	21.6	20.5	6.8	325.3	999.9	99.9	999.9	19.2	88.
30.7	99.0	10279.7	235.0	-56.2	99.9	250.1	22.6	21.2	7.7	328.3	999.9	99.9	999.9	19.6	88.
31.0	100.0	10388.9	231.0	-56.0	99.9	249.2	23.6	22.1	8.4	330.2	999.9	99.9	999.9	20.0	87.
31.5	101.0	10528.1	226.0	-55.8	99.9	250.3	25.3	23.8	8.5	332.5	999.9	99.9	999.9	20.7	87.
31.7	102.0	10641.9	222.0	-55.5	99.9	251.1	25.8	24.4	8.3	334.7	999.9	99.9	999.9	21.0	86.
32.2	103.0	10787.3	217.0	-54.8	99.9	252.8	26.6	25.4	7.9	338.0	999.9	99.9	999.9	21.8	86.
32.6	104.0	10906.4	213.0	-54.5	99.9	253.1	26.9	25.8	7.8	340.3	999.9	99.9	999.9	22.4	86.
32.9	105.0	11027.9	209.0	-54.2	99.9	252.3	27.1	25.8	8.2	342.7	999.9	99.9	999.9	22.9	85.
33.3	106.0	11152.0	205.0	-53.5	99.9	250.8	27.4	25.8	9.0	345.6	999.9	99.9	999.9	23.5	85.
33.7	107.0	11246.9	202.0	-53.5	99.9	247.5	27.5	25.8	9.6	347.0	999.9	99.9	999.9	24.2	85.
34.0	108.0	11408.1	197.0	-53.5	99.9	248.8	27.6	25.7	10.0	349.5	999.9	99.9	999.9	24.7	84.
34.4	109.0	11506.8	194.0	-53.8	99.9	249.0	27.5	25.7	9.8	351.6	999.9	99.9	999.9	25.3	84.
34.8	110.0	11640.7	190.0	-53.7	99.9	249.9	27.5	25.8	9.5	352.9	999.9	99.9	999.9	25.9	83.
35.2	111.0	11812.0	185.0	-54.0	99.9	250.6	27.3	25.8	9.1	355.1	999.9	99.9	999.9	26.6	83.
35.7	112.0	11916.9	182.0	-53.8	99.9	250.5	26.5	25.0	8.8	357.0	999.9	99.9	999.9	27.4	83.
36.0	113.0	12059.7	178.0	-53.8	99.9	247.8	25.7	24.1	8.9	359.3	999.9	99.9	999.9	27.9	83.
36.5	114.0	12205.6	174.0	-54.2	99.9	243.6	24.9	23.2	9.1	361.1	999.9	99.9	999.9	28.5	82.
36.8	115.0	12317.1	171.0	-54.5	99.9	249.1	25.5	23.8	9.1	362.4	999.9	99.9	999.9	29.0	82.
37.3	116.0	12469.0	167.0	-53.5	99.9	250.1	26.5	24.9	9.0	366.5	999.9	99.9	999.9	29.7	82.
37.8	117.0	12625.0	163.0	-53.5	99.9	247.9	26.9	25.2	9.2	369.0	999.9	99.9	999.9	30.6	81.
38.1	118.0	12744.5	160.0	-53.4	99.9	249.3	26.6	24.9	9.4	371.2	999.9	99.9	999.9	31.1	81.
38.6	119.0	12907.3	156.0	-53.8	99.9	249.0	25.6	23.8	9.6	373.1	999.9	99.9	999.9	31.8	81.
39.0	120.0	13032.0	153.0	-54.0	99.9	247.8	25.3	23.4	9.5	374.9	999.9	99.9	999.9	32.4	81.
39.4	121.0	13159.2	150.0	-53.8	99.9	248.2	25.6	23.8	9.5	377.3	999.9	99.9	999.9	33.0	80.
39.8	122.0	13289.0	147.0	-53.8	99.9	248.2	26.1	24.2	9.7	379.5	999.9	99.9	999.9	33.6	80.
40.3	123.0	13466.3	143.0	-53.7	99.9	247.8	26.6	24.6	10.1	382.8	999.9	99.9	999.9	34.4	80.
40.7	124.0	13602.8	140.0	-52.9	99.9	247.5	26.9	24.8	10.3	386.5	999.9	99.9	999.9	35.0	80.
41.2	125.0	13742.7	137.0	-52.5	99.9	247.2	26.8	24.7	10.4	389.5	999.9	99.9	999.9	35.8	79.
41.7	126.0	13934.1	133.0	-52.7	99.9	246.2	25.9	23.7	10.5	392.5	999.9	99.9	999.9	36.6	79.
42.2	127.0	14081.4	130.0	-52.7	99.9	243.9	24.9	22.4	11.0	395.1	999.9	99.9	999.9	37.3	79.
42.7	128.0	14232.0	127.0	-53.0	99.9	241.3	25.4	22.3	12.2	397.2	999.9	99.9	999.9	38.0	79.
43.1	129.0	14386.3	124.0	-52.5	99.9	239.6	26.7	23.0	13.5	400.8	999.9	99.9	999.9	38.5	78.
43.6	130.0	14544.5	121.0	-52.9	99.9	238.7	28.0	24.0	14.5	403.0	999.9	99.9	999.9	39.4	78.
44.2	131.0	14706.2	118.0	-53.5	99.9	239.8	28.4	24.5	14.3	404.7	999.9	99.9	999.9	40.3	77.
44.7	132.0	14871.9	115.0	-53.5	99.9	242.5	28.3	25.1	13.1	407.7	999.9	99.9	999.9	41.1	77.
45.1	133.0	15042.0	112.0	-53.4	99.9	244.9	27.9	25.3	11.8	411.1	999.9	99.9	999.9	41.8	77.
45.6	134.0	15216.5	109.0	-54.2	99.9	247.1	26.9	24.7	10.4	412.8	999.9	99.9	999.9	42.7	77.
46.1	135.0	15335.2	107.0	-54.3	99.9	247.8	25.8	23.9	9.8	414.7	999.9	99.9	999.9	43.4	76.
46.7	136.0	15578.9	103.0	-55.3	99.9	247.5	25.5	23.6	9.8	417.3	999.9	99.9	999.9	44.3	76.
47.3	137.0	15767.2	100.0	-56.0	99.9	246.7	26.2	24.0	10.4	419.5	999.9	99.9	999.9	45.2	76.
47.8	138.0	15960.3	97.0	-57.4	99.9	245.4	27.5	25.0	11.4	420.5	999.9	99.9	999.9	46.0	76.
48.4	139.0	16158.2	94.0	-58.8	99.9	243.7	28.6	25.7	12.7	421.5	999.9	99.9	999.9	47.0	76.
49.0	140.0	16361.9	91.0	-58.6	99.9	243.1	28.0	25.0	12.7	425.8	999.9	99.9	999.9	48.1	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN C AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
1115 GMT

139 79. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
49.7	141.0	16572.2	88.0	-59.3	99.9	246.1	27.1	24.8	11.0	428.5	999.9	99.9	999.9	49.1	75.
50.3	142.0	16789.6	85.0	-59.2	99.9	999.9	99.9	99.9	99.9	433.1	999.9	99.9	999.9	999.9	999.
50.9	143.0	17014.7	82.0	-59.3	99.9	999.9	99.9	99.9	99.9	437.2	999.9	99.9	999.9	999.9	999.
51.6	144.0	17248.0	79.0	-59.5	99.9	999.9	99.9	99.9	99.9	441.5	999.9	99.9	999.9	999.9	999.

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
1500 GMT

159 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	236.0	978.7	-3.3	-6.1	340.0	3.1	1.1	-2.9	271.8	278.2	2.5	81.0	0.0	0.
0.3	7.0	339.1	966.0	-5.1	-6.0	285.0	3.6	3.5	-0.9	271.1	277.5	2.5	92.8	0.1	113.
0.8	8.0	428.9	955.0	-6.3	-6.4	281.9	4.5	4.4	-0.9	270.7	277.1	2.5	99.0	0.2	110.
1.1	9.0	519.6	944.0	-6.6	-6.6	282.7	5.5	5.3	-1.2	271.3	277.7	2.5	101.3	0.3	107.
1.4	10.0	628.0	931.0	-6.7	-6.7	288.1	6.4	6.1	-2.0	272.2	278.6	2.5	99.9	0.4	105.
1.9	11.0	754.9	916.0	-6.9	-7.0	298.6	6.5	5.7	-3.1	273.3	279.7	2.5	98.9	0.6	109.
2.2	12.0	840.6	906.0	-6.9	-7.0	303.7	5.9	4.9	-3.3	274.2	280.7	2.5	98.9	0.7	111.
2.5	13.0	909.9	898.0	-6.7	-7.0	308.7	5.1	4.0	-3.2	275.1	281.7	2.5	98.2	0.8	112.
2.9	14.0	957.5	888.0	-6.6	-6.8	316.7	4.4	3.0	-3.2	276.1	282.9	2.6	98.4	0.9	115.
3.1	15.0	1112.7	875.0	-7.2	-7.6	319.9	4.6	2.9	-3.5	276.6	283.1	2.5	96.8	0.9	116.
3.6	16.0	1211.4	864.0	-7.0	-7.5	322.7	5.9	3.6	-4.7	277.8	284.4	2.5	96.2	1.1	120.
3.9	17.0	1302.1	854.0	-7.9	-8.8	323.4	6.9	4.1	-5.5	277.8	283.9	2.3	93.4	1.2	122.
4.2	18.0	1393.7	844.0	-8.2	-9.2	324.7	7.4	4.3	-6.1	278.4	284.4	2.3	92.7	1.3	124.
4.5	19.0	1486.3	834.0	-8.5	-9.6	326.2	7.8	4.4	-6.5	279.0	285.0	2.2	91.9	1.4	126.
4.9	20.0	1598.7	822.0	-8.9	-10.0	326.3	7.7	4.3	-6.4	279.7	285.5	2.2	91.8	1.6	129.
5.3	21.0	1703.0	811.0	-9.4	-10.5	324.4	7.9	4.6	-6.4	280.3	286.1	2.1	91.9	1.8	130.
5.7	22.0	1758.9	801.0	-9.8	-10.9	318.4	8.2	5.4	-6.1	280.8	286.5	2.1	91.5	2.0	131.
6.0	23.0	1895.8	791.0	-10.4	-11.4	311.7	8.5	6.3	-5.6	281.2	286.7	2.0	92.1	2.1	132.
6.3	24.0	1993.7	781.0	-10.8	-11.3	299.6	8.5	7.4	-4.2	281.8	287.4	2.1	96.1	2.3	131.
6.6	25.0	2102.9	770.0	-10.8	-11.3	299.0	9.2	8.6	-3.1	282.9	288.6	2.1	96.1	2.4	130.
7.1	26.0	2203.5	760.0	-10.4	-10.9	283.4	10.9	10.6	-2.5	284.5	290.5	2.2	96.1	2.7	128.
7.2	27.0	2305.5	750.0	-11.0	-11.5	282.7	10.9	10.6	-2.4	284.9	290.8	2.1	96.0	2.8	127.
7.7	28.0	2398.2	741.0	-11.4	-11.9	279.0	10.7	10.6	-1.7	285.4	291.2	2.1	96.2	3.1	124.
8.0	29.0	2502.4	731.0	-12.0	-12.5	276.9	10.6	10.6	-1.3	285.9	291.5	2.0	95.9	3.3	123.
8.3	30.0	2597.2	722.0	-12.4	-12.9	275.9	10.4	10.4	-1.1	286.4	291.9	2.0	95.8	3.4	121.
8.7	31.0	2693.1	713.0	-12.8	-13.4	275.1	10.3	10.3	-0.9	287.0	292.4	1.9	95.8	3.6	119.
9.0	32.0	2789.9	704.0	-13.7	-14.2	274.9	10.3	10.2	-0.9	287.1	292.2	1.8	95.4	3.8	118.
9.4	33.0	2898.7	694.0	-13.7	-14.2	274.0	10.4	10.4	-0.7	288.3	293.4	1.8	95.4	4.0	117.
9.7	34.0	2957.9	685.0	-14.5	-15.1	273.0	10.6	10.6	-0.6	288.4	293.3	1.7	95.5	4.2	116.
10.1	35.0	3109.3	675.0	-15.1	-15.6	271.6	11.0	11.0	-0.3	289.0	293.8	1.7	95.4	4.5	115.
10.4	36.0	3222.2	665.0	-15.5	-16.0	270.8	11.4	11.4	-0.2	289.7	294.4	1.6	95.4	4.6	114.
10.9	37.0	3325.0	656.0	-15.9	-17.0	270.2	12.1	12.1	-0.0	290.4	294.8	1.5	90.7	4.9	112.
11.1	38.0	3429.0	647.0	-17.0	-17.9	270.1	12.3	12.3	-0.0	290.3	294.5	1.4	92.6	5.1	111.
11.3	39.0	3534.0	638.0	-17.8	-19.0	270.2	12.4	12.4	-0.0	290.5	294.4	1.3	90.3	5.2	111.
11.8	40.0	3640.1	629.0	-18.9	-19.8	270.3	12.3	12.3	-0.1	290.4	294.1	1.3	92.5	5.6	109.
12.1	41.0	3759.3	619.0	-20.0	-20.6	270.4	12.1	12.1	-0.1	290.5	294.0	1.2	94.7	5.8	109.
12.3	42.0	3855.7	611.0	-20.6	-20.9	270.4	11.9	11.9	-0.1	290.8	294.3	1.2	97.8	6.0	108.
12.7	43.0	3965.3	602.0	-21.6	-21.8	270.9	11.6	11.6	-0.2	291.0	294.2	1.1	98.5	6.2	107.
13.1	44.0	4063.9	594.0	-22.1	-22.3	272.0	11.7	11.7	-0.4	291.5	294.6	1.1	98.4	6.5	107.
13.4	45.0	4163.7	586.0	-21.7	-23.2	273.2	11.9	11.9	-0.7	293.1	296.1	1.0	87.9	6.7	106.
13.7	46.0	4265.0	578.0	-21.8	-23.9	274.0	12.2	12.2	-0.9	294.0	296.9	1.0	83.2	6.9	106.
14.1	47.0	4406.4	567.0	-22.2	-24.9	274.7	12.7	12.6	-1.0	295.2	297.9	0.9	78.8	7.2	105.
14.5	48.0	4497.6	560.0	-23.2	-26.2	274.8	13.2	13.1	-1.1	295.1	297.6	0.8	76.3	7.5	105.
14.8	49.0	4576.4	554.0	-24.0	-27.7	275.1	13.6	13.5	-1.2	295.1	297.3	0.7	71.0	7.7	105.
15.1	50.0	4695.8	545.0	-24.5	-28.9	275.6	14.0	13.9	-1.4	295.8	297.8	0.6	66.7	8.0	104.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
1500 GMT

159 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.6	51.0	4816.8	536.0	-25.8	-30.8	276.4	14.8	14.7	-1.7	295.7	297.4	0.5	62.8	8.4	104.
16.0	52.0	4925.6	528.0	-26.6	-32.8	275.9	15.8	15.7	-1.6	296.0	297.4	0.5	55.6	8.7	104.
16.2	53.0	5021.9	521.0	-27.3	-33.6	274.7	16.2	16.2	-1.3	296.3	297.7	0.4	54.6	8.9	104.
16.7	54.0	5133.2	513.0	-28.3	-34.6	271.6	16.9	16.8	-0.5	296.3	297.6	0.4	54.4	9.4	103.
17.0	55.0	5260.0	504.0	-28.8	-35.2	269.5	16.8	16.8	0.1	297.2	298.4	0.4	53.6	9.8	103.
17.3	56.0	5374.3	496.0	-29.9	-36.3	267.4	16.3	16.3	0.7	297.3	298.4	0.3	53.1	10.1	102.
17.8	57.0	5475.3	489.0	-30.9	-37.1	264.3	15.9	15.8	1.6	297.2	298.2	0.3	54.0	10.5	102.
18.2	58.0	5577.5	482.0	-31.6	-37.5	263.1	16.0	15.9	1.9	297.6	298.6	0.3	55.1	10.8	101.
18.6	59.0	5695.8	474.0	-32.5	-38.8	263.1	16.5	16.4	2.0	297.9	298.8	0.3	53.2	11.2	100.
19.0	60.0	5800.4	467.0	-33.5	-40.2	263.6	17.0	16.9	1.9	297.9	298.7	0.2	51.0	11.6	100.
19.2	61.0	5906.2	460.0	-34.5	-41.5	263.5	17.1	17.0	1.9	298.0	298.7	0.2	48.6	11.8	99.
19.7	62.0	6013.2	453.0	-35.4	-42.2	263.2	17.2	17.0	2.0	298.2	298.8	0.2	49.0	12.3	99.
20.0	63.0	6121.5	446.0	-36.3	-43.2	262.8	17.1	17.0	2.1	298.3	298.9	0.2	48.6	12.6	98.
20.3	64.0	6231.0	439.0	-37.2	-44.1	262.8	17.0	16.8	2.1	298.5	299.1	0.2	48.1	12.9	98.
20.8	65.0	6341.9	432.0	-38.3	-45.1	263.2	17.0	16.9	2.0	298.5	299.0	0.2	48.0	13.4	97.
21.2	66.0	6470.2	424.0	-39.2	-46.0	263.3	17.4	17.3	2.0	298.9	299.4	0.1	48.0	13.8	97.
21.5	67.0	6584.0	417.0	-40.2	-47.9	263.3	17.8	17.7	2.1	299.2	299.9	99.9	999.9	14.1	97.
21.9	68.0	6682.7	411.0	-41.1	-49.9	262.7	18.0	17.9	2.3	299.2	299.9	99.9	999.9	14.5	96.
22.2	69.0	6799.2	404.0	-42.2	-51.9	262.3	17.8	17.7	2.4	299.3	299.9	99.9	999.9	14.9	96.
22.6	70.0	6917.2	397.0	-43.0	-53.9	261.8	17.3	17.1	2.5	299.7	299.9	99.9	999.9	15.3	96.
23.0	71.0	7036.8	390.0	-44.3	-55.9	261.3	16.6	16.4	2.5	299.6	299.9	99.9	999.9	15.7	95.
23.3	72.0	7140.5	384.0	-45.1	-57.9	260.8	16.5	16.3	2.6	299.8	299.9	99.9	999.9	15.9	95.
23.8	73.0	7245.6	378.0	-45.8	-59.9	259.9	17.0	16.7	3.0	300.3	299.9	99.9	999.9	16.4	95.
24.1	74.0	7351.9	372.0	-46.7	-61.9	259.5	17.5	17.2	3.2	300.5	299.9	99.9	999.9	16.6	94.
24.5	75.0	7477.7	365.0	-47.4	-63.9	258.8	18.3	17.9	3.5	301.2	299.9	99.9	999.9	17.1	94.
24.9	76.0	7587.1	359.0	-48.3	-65.9	258.8	18.7	18.3	3.6	301.5	299.9	99.9	999.9	17.6	93.
25.2	77.0	7697.9	353.0	-49.1	-67.9	259.0	18.8	18.5	3.6	301.8	299.9	99.9	999.9	17.9	93.
25.6	78.0	7791.3	348.0	-50.0	-69.9	259.3	18.9	18.6	3.5	301.8	299.9	99.9	999.9	18.3	93.
26.0	79.0	7904.8	342.0	-50.8	-71.9	258.9	18.7	18.4	3.6	302.3	299.9	99.9	999.9	18.8	93.
26.3	80.0	8039.3	335.0	-51.6	-73.9	257.6	18.6	18.1	4.0	302.9	299.9	99.9	999.9	19.1	92.
26.8	81.0	8156.2	329.0	-52.7	-75.9	255.5	18.5	17.9	4.6	303.0	299.9	99.9	999.9	19.6	92.
27.1	82.0	8274.8	323.0	-53.8	-77.9	254.2	18.4	17.7	5.0	303.1	299.9	99.9	999.9	19.9	92.
27.4	83.0	8374.9	318.0	-54.4	-79.9	252.9	18.3	17.5	5.4	303.6	299.9	99.9	999.9	20.3	91.
27.9	84.0	8496.6	312.0	-55.4	-81.9	249.6	17.6	16.5	6.1	303.9	299.9	99.9	999.9	20.8	91.
28.1	85.0	8620.3	306.0	-56.0	-83.9	248.1	17.3	16.0	6.4	304.7	299.9	99.9	999.9	21.0	91.
28.8	86.0	8746.2	300.0	-56.3	-85.9	244.5	17.1	15.5	7.4	306.0	299.9	99.9	999.9	21.6	90.
29.1	87.0	8852.9	295.0	-56.5	-87.9	244.1	17.6	15.8	7.7	307.2	299.9	99.9	999.9	21.9	89.
29.5	88.0	8961.1	290.0	-57.5	-89.9	244.6	18.7	16.9	8.0	307.3	299.9	99.9	999.9	22.2	89.
29.9	89.0	9093.0	284.0	-58.1	-91.9	246.4	19.5	17.9	7.8	308.2	299.9	99.9	999.9	22.7	88.
30.2	90.0	9204.7	279.0	-58.8	-93.9	247.8	19.7	18.2	7.4	308.8	299.9	99.9	999.9	23.0	88.
30.7	91.0	9318.1	274.0	-59.1	-95.9	249.5	19.4	18.2	6.8	309.9	299.9	99.9	999.9	23.6	88.
31.1	92.0	9433.5	269.0	-59.3	-97.9	250.3	19.5	18.4	6.6	311.3	299.9	99.9	999.9	24.0	87.
31.5	93.0	9551.3	264.0	-58.5	-99.9	250.9	20.7	19.6	6.8	314.2	299.9	99.9	999.9	24.4	87.
31.9	94.0	9671.6	259.0	-58.1	-99.9	251.2	22.4	21.2	7.2	316.4	299.9	99.9	999.9	24.9	87.
32.2	95.0	9819.5	253.0	-57.5	-99.9	250.9	22.8	21.5	7.5	319.5	299.9	99.9	999.9	25.4	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
1500 GMT

159 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.8	96.0	9945.8	248.0	-56.5	99.9	249.7	22.5	21.1	7.8	322.8	999.9	99.9	999.9	26.2	86.
33.1	97.0	10075.6	243.0	-54.9	99.9	249.3	22.4	21.0	7.9	327.1	999.9	99.9	999.9	26.5	86.
33.5	98.0	10191.8	239.0	-54.3	99.9	249.5	23.2	21.8	3.1	329.6	999.9	99.9	999.9	27.0	85.
34.0	99.0	10317.4	234.0	-54.1	99.9	250.0	24.4	23.0	3.3	331.9	999.9	99.9	999.9	27.8	85.
34.4	100.0	10456.1	229.0	-53.9	99.9	250.7	24.3	23.0	8.0	334.2	999.9	99.9	999.9	28.4	85.
34.9	101.0	10598.0	224.0	-53.3	99.9	252.6	24.6	23.5	7.4	337.2	999.9	99.9	999.9	29.0	84.
35.2	102.0	10714.1	220.0	-53.0	99.9	253.5	25.1	24.1	7.1	339.4	999.9	99.9	999.9	29.4	84.
35.8	103.0	10862.3	215.0	-53.2	99.9	253.9	25.9	24.8	7.2	341.4	999.9	99.9	999.9	30.4	84.
36.1	104.0	10983.3	211.0	-53.2	99.9	253.7	26.0	25.0	7.3	343.3	999.9	99.9	999.9	30.9	84.
36.6	105.0	11106.6	207.0	-53.3	99.9	254.0	26.6	25.5	7.3	344.9	999.9	99.9	999.9	31.6	83.
37.0	106.0	11232.2	203.0	-53.3	99.9	254.6	27.6	26.6	7.3	346.9	999.9	99.9	999.9	32.2	83.
37.4	107.0	11360.5	199.0	-52.9	99.9	254.3	27.0	26.0	7.3	349.6	999.9	99.9	999.9	33.0	83.
38.0	108.0	11524.6	194.0	-53.0	99.9	252.8	24.5	23.4	7.3	351.9	999.9	99.9	999.9	34.0	83.
38.5	109.0	11658.9	190.0	-53.3	99.9	252.3	24.4	23.2	7.4	353.5	999.9	99.9	999.9	34.4	83.
38.9	110.0	11796.0	186.0	-53.0	99.9	251.9	25.5	24.2	7.9	356.1	999.9	99.9	999.9	35.1	83.
39.3	111.0	11971.7	181.0	-53.0	99.9	250.8	25.7	24.2	3.4	358.9	999.9	99.9	999.9	35.8	82.
39.8	112.0	12115.7	177.0	-53.3	99.9	249.3	24.8	23.2	3.7	360.7	999.9	99.9	999.9	36.5	82.
40.2	113.0	12262.8	173.0	-53.3	99.9	248.6	24.1	22.4	8.8	363.1	999.9	99.9	999.9	37.1	82.
40.7	114.0	12375.6	170.0	-53.0	99.9	249.0	24.4	22.7	8.7	365.4	999.9	99.9	999.9	37.8	82.
41.1	115.0	12529.1	166.0	-53.0	99.9	250.3	25.4	23.9	8.5	367.9	999.9	99.9	999.9	38.3	81.
41.7	116.0	12686.8	162.0	-51.8	99.9	253.7	26.5	25.4	7.4	372.5	999.9	99.9	999.9	39.3	81.
42.1	117.0	12848.9	158.0	-51.8	99.9	255.7	26.3	25.5	6.5	375.2	999.9	99.9	999.9	40.0	81.
42.7	118.0	12973.2	155.0	-51.8	99.9	255.6	25.4	24.6	6.3	377.3	999.9	99.9	999.9	40.8	81.
43.1	119.0	13142.6	151.0	-52.1	99.9	254.3	25.0	24.0	6.8	379.6	999.9	99.9	999.9	41.5	81.
43.5	120.0	13272.5	148.0	-52.3	99.9	253.5	24.2	23.2	6.9	381.5	999.9	99.9	999.9	42.1	81.
44.0	121.0	13405.1	145.0	-51.8	99.9	255.4	22.6	21.9	5.7	384.5	999.9	99.9	999.9	42.8	81.
44.5	122.0	13586.4	141.0	-52.0	99.9	256.4	21.4	20.8	5.0	387.4	999.9	99.9	999.9	43.4	81.
45.0	123.0	13725.5	138.0	-52.7	99.9	252.9	20.7	19.8	6.1	388.4	999.9	99.9	999.9	44.1	81.
45.4	124.0	13867.5	135.0	-52.6	99.9	248.0	20.6	19.1	7.7	391.1	999.9	99.9	999.9	44.5	80.
46.0	125.0	14061.6	131.0	-53.0	99.9	241.8	21.5	18.9	10.2	393.7	999.9	99.9	999.9	45.2	80.
46.5	126.0	14211.0	128.0	-53.0	99.9	240.2	23.1	20.0	11.5	396.3	999.9	99.9	999.9	45.9	80.
47.1	127.0	14364.2	125.0	-52.3	99.9	243.9	25.2	22.7	11.1	400.4	999.9	99.9	999.9	46.6	79.
47.6	128.0	14521.5	122.0	-51.8	99.9	247.6	26.7	24.7	10.1	404.0	999.9	99.9	999.9	47.5	79.
48.1	129.0	14682.9	119.0	-51.8	99.9	248.9	26.8	25.0	3.6	406.9	999.9	99.9	999.9	48.2	79.
48.8	130.0	14904.6	115.0	-51.8	99.9	249.4	24.9	23.3	3.8	410.9	999.9	99.9	999.9	49.4	79.
49.5	131.0	15076.0	112.0	-51.8	99.9	252.9	24.8	23.7	7.3	414.0	999.9	99.9	999.9	50.3	79.
50.1	132.0	15252.1	109.0	-51.8	99.9	254.0	25.3	24.4	7.0	417.2	999.9	99.9	999.9	51.2	79.
50.7	133.0	15432.9	106.0	-52.0	99.9	253.3	24.5	23.5	7.1	420.3	999.9	99.9	999.9	52.2	79.
51.2	134.0	15618.5	103.0	-53.0	99.9	252.6	24.1	23.0	7.2	421.7	999.9	99.9	999.9	52.8	78.
51.9	135.0	15809.0	100.0	-53.2	99.9	252.3	25.1	23.9	7.6	425.0	999.9	99.9	999.9	53.8	78.
52.4	136.0	16004.9	97.0	-54.1	99.9	252.3	25.8	24.6	7.8	426.9	999.9	99.9	999.9	54.7	78.
53.1	137.0	16274.3	93.0	-55.4	99.9	249.5	24.5	22.9	8.6	429.6	999.9	99.9	999.9	55.7	78.
53.9	138.0	16483.0	90.0	-56.3	99.9	244.9	23.4	21.2	9.9	431.7	999.9	99.9	999.9	56.7	78.
54.8	139.0	16658.6	87.0	-55.8	99.9	249.0	26.6	24.8	9.5	436.9	999.9	99.9	999.9	58.1	78.
55.7	140.0	16921.8	84.0	-56.0	99.9	252.1	28.7	27.3	8.8	441.0	999.9	99.9	999.9	59.6	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
1500 GMT

159 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
56.4	141.0	17153.3	81.0	-55.7	99.9	248.7	25.8	24.1	9.4	446.3	999.9	99.9	999.9	60.9	77.
57.2	142.0	17393.2	78.0	-56.7	99.9	247.2	23.6	21.7	9.1	449.1	999.9	99.9	999.9	61.9	77.
58.1	143.0	17641.5	75.0	-57.3	99.9	254.0	27.1	26.0	7.5	452.8	999.9	99.9	999.9	63.3	77.
58.9	144.0	17900.0	72.0	-56.7	99.9	260.0	27.9	27.4	4.8	459.5	999.9	99.9	999.9	64.5	77.
59.8	145.0	18169.2	69.0	-57.8	99.9	263.6	26.9	26.7	3.0	462.6	999.9	99.9	999.9	66.2	77.
60.7	146.0	18449.4	66.0	-58.1	99.9	260.7	23.9	23.5	3.8	467.8	999.9	99.9	999.9	67.4	77.
61.7	147.0	18742.1	63.0	-58.5	99.9	258.2	24.2	23.7	4.9	473.4	999.9	99.9	999.9	68.9	77.
62.5	148.0	19048.1	60.0	-59.7	99.9	260.5	23.6	23.3	3.9	477.4	999.9	99.9	999.9	70.0	77.
63.5	149.0	19368.8	57.0	-59.7	99.9	258.7	22.1	21.6	4.3	484.4	999.9	99.9	999.9	71.7	77.
64.5	150.0	19592.1	55.0	-59.8	99.9	255.7	19.1	18.5	4.7	489.0	999.9	99.9	999.9	72.5	77.
65.4	151.0	19942.6	52.0	-59.8	99.9	262.6	22.0	21.8	2.8	496.9	999.9	99.9	999.9	73.7	77.
66.5	152.0	20313.9	49.0	-59.8	99.9	267.2	26.3	26.3	1.3	505.4	999.9	99.9	999.9	75.1	77.
67.7	153.0	20708.7	46.0	-59.8	99.9	266.6	23.0	22.9	1.4	514.6	999.9	99.9	999.9	77.1	78.
68.9	154.0	21129.5	43.0	-60.4	99.9	263.2	23.8	23.7	2.8	523.4	999.9	99.9	999.9	78.7	78.
70.0	155.0	21579.0	40.0	-61.6	99.9	260.7	30.8	30.4	5.0	531.2	999.9	99.9	999.9	80.3	78.
71.1	156.0	22060.5	37.0	-63.0	99.9	257.1	18.0	17.5	4.0	539.5	999.9	99.9	999.9	82.4	78.
72.4	157.0	22401.3	35.0	-64.5	99.9	265.2	18.3	18.2	1.5	544.2	999.9	99.9	999.9	83.3	78.
73.9	158.0	22948.4	32.0	-64.9	99.9	262.3	25.2	25.0	3.4	557.3	999.9	99.9	999.9	85.3	78.
75.2	159.0	23549.7	29.0	-64.3	99.9	263.9	26.9	26.8	2.9	574.8	999.9	99.9	999.9	87.5	78.
76.8	160.0	24218.8	26.0	-63.6	99.9	264.5	27.3	27.2	2.6	595.2	999.9	99.9	999.9	90.0	79.
78.2	161.0	24974.4	23.0	-61.9	99.9	259.4	33.6	33.1	6.2	621.3	999.9	99.9	999.9	92.3	79.
80.0	162.0	25838.3	20.0	-62.3	99.9	257.3	30.8	30.1	6.8	645.5	999.9	99.9	999.9	95.8	79.
82.1	163.0	26487.3	18.0	-63.4	99.9	253.7	33.9	32.6	9.5	661.8	999.9	99.9	999.9	100.3	79.
84.4	164.0	27617.0	15.0	-59.8	99.9	999.9	99.9	99.9	99.9	709.1	999.9	99.9	999.9	999.9	999.

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
1800 GMT

154 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	236.0	578.0	-2.2	-6.0	280.0	2.6	2.6	-0.5	273.0	279.5	2.5	75.0	0.0	0.
0.1	7.0	276.7	973.0	-2.5	-6.1	238.3	3.0	2.5	1.6	273.1	279.6	2.5	75.9	0.1	93.
0.5	8.0	383.3	960.0	-3.7	-6.1	239.3	3.0	2.5	1.6	272.9	279.4	2.5	83.1	0.1	93.
0.9	9.0	482.5	548.0	-4.6	-6.2	256.8	3.7	3.6	0.8	273.0	279.5	2.5	88.6	0.2	81.
1.2	10.0	574.4	937.0	-5.2	-6.7	269.9	4.6	4.6	0.0	273.3	279.7	2.5	89.6	0.3	82.
1.7	11.0	701.1	922.0	-5.7	-7.0	284.3	6.8	6.6	-1.7	274.1	280.5	2.5	90.5	0.4	89.
2.1	12.0	803.9	910.0	-5.5	-6.5	290.3	8.5	8.0	-3.0	275.3	282.0	2.6	92.7	0.6	94.
2.3	13.0	899.4	899.0	-5.4	-6.4	292.5	9.0	8.3	-3.4	276.4	283.2	2.6	90.9	0.7	97.
2.7	14.0	1004.9	887.0	-5.8	-7.2	294.1	9.2	8.4	-3.8	277.0	283.6	2.5	90.2	1.0	101.
3.1	15.0	1102.6	876.0	-6.7	-7.8	292.6	9.2	8.4	-3.5	277.0	283.4	2.4	91.9	1.2	104.
3.6	16.0	1228.4	862.0	-7.2	-8.0	287.8	10.4	9.9	-3.2	277.8	284.3	2.4	93.8	1.4	105.
3.9	17.0	1337.5	850.0	-8.4	-9.0	285.4	10.6	10.2	-2.8	277.7	283.7	2.3	95.2	1.7	105.
4.1	18.0	1429.4	840.0	-8.6	-9.1	283.8	10.5	10.2	-2.5	278.3	284.4	2.3	96.2	1.8	105.
4.6	19.0	1531.5	829.0	-9.4	-9.9	279.7	10.0	9.9	-1.7	278.6	284.4	2.2	96.1	2.1	104.
4.9	20.0	1634.8	818.0	-9.8	-10.3	273.0	9.8	9.7	-1.4	279.2	284.9	2.1	96.4	2.3	104.
5.2	21.0	1768.0	804.0	-10.1	-10.5	277.2	9.2	9.2	-1.2	280.2	286.0	2.1	96.8	2.4	104.
5.7	22.0	1864.5	794.0	-10.8	-11.4	276.6	8.7	8.6	-1.0	280.5	285.9	2.0	95.3	2.7	103.
6.1	23.0	1971.7	783.0	-11.2	-11.9	275.6	8.9	8.9	-0.9	281.1	286.5	2.0	94.7	2.9	102.
6.3	24.0	2080.3	772.0	-11.7	-12.4	273.7	8.9	8.9	-0.6	281.8	287.0	1.9	94.7	3.0	102.
6.8	25.0	2180.1	762.0	-12.7	-13.5	269.8	8.9	8.9	0.0	281.8	286.6	1.8	93.2	3.3	101.
7.1	26.0	2311.4	749.0	-12.8	-13.8	268.1	9.1	9.1	0.3	283.0	287.9	1.8	92.5	3.4	101.
7.5	27.0	2414.1	739.0	-12.8	-13.7	266.7	9.0	9.8	0.6	284.1	289.0	1.8	92.6	3.6	100.
7.9	28.0	2528.5	728.0	-12.9	-14.2	265.5	10.9	10.9	0.9	285.1	290.0	1.8	90.5	3.9	99.
8.2	29.0	2634.1	718.0	-12.8	-14.2	264.3	11.8	11.7	1.2	286.4	291.4	1.8	89.2	4.1	98.
8.7	30.0	2741.1	708.0	-12.8	-14.6	262.2	13.1	12.9	1.8	287.6	292.5	1.7	86.1	4.4	97.
9.0	31.0	2838.7	699.0	-13.5	-15.9	260.9	13.7	13.5	2.2	287.8	292.3	1.6	82.4	4.6	96.
9.2	32.0	2948.2	689.0	-14.2	-16.4	257.8	13.7	13.5	2.4	288.2	292.6	1.5	83.4	4.8	96.
9.7	33.0	3058.9	679.0	-15.5	-17.1	256.8	13.7	13.3	3.1	288.0	292.2	1.5	86.8	5.3	94.
10.1	34.0	3170.9	669.0	-16.1	-17.3	254.6	13.4	12.9	3.5	288.5	292.7	1.5	91.1	5.6	93.
10.3	35.0	3284.2	659.0	-16.8	-18.0	254.0	13.2	12.7	3.6	288.9	293.0	1.4	90.2	5.7	93.
10.9	36.0	3410.5	648.0	-17.4	-18.6	254.1	12.5	12.0	3.4	289.7	293.6	1.4	89.9	6.2	91.
11.1	37.0	3527.0	638.0	-18.1	-20.1	255.1	12.3	11.9	3.2	290.2	293.7	1.2	83.8	6.3	91.
11.6	38.0	3633.0	629.0	-19.1	-21.0	259.3	12.1	11.9	2.2	290.1	293.5	1.1	84.9	6.6	90.
12.0	39.0	3740.2	620.0	-19.5	-21.5	264.2	12.5	12.5	1.3	290.9	294.1	1.1	84.3	6.9	89.
12.2	40.0	3861.0	610.0	-20.0	-23.1	266.3	13.0	13.0	0.8	291.7	294.6	1.0	75.7	7.0	89.
12.8	41.0	3983.4	600.0	-20.8	-24.6	269.4	14.2	14.2	0.1	292.2	294.8	0.9	71.2	7.6	90.
13.1	42.0	4107.7	590.0	-21.0	-25.4	269.0	14.7	14.7	0.3	293.3	295.7	0.8	67.8	7.8	90.
13.5	43.0	4221.0	581.0	-22.1	-26.4	266.6	15.0	15.0	0.9	293.3	295.6	0.8	67.8	8.2	90.
13.9	44.0	4335.8	572.0	-22.5	-26.8	263.2	15.4	15.3	1.8	294.1	296.4	0.7	67.6	8.5	90.
14.2	45.0	4452.1	563.0	-23.3	-27.5	260.9	15.8	15.6	2.5	294.5	296.7	0.7	67.9	8.8	89.
14.6	46.0	4556.8	555.0	-23.8	-28.0	258.3	16.4	16.1	3.3	295.1	297.2	0.7	68.0	9.2	89.
15.0	47.0	4675.9	546.0	-24.9	-28.4	256.7	17.1	16.6	3.9	295.2	297.3	0.7	72.2	9.6	88.
15.3	48.0	4783.2	538.0	-25.4	-29.2	256.4	17.5	17.0	4.1	295.8	297.8	0.6	70.0	9.9	88.
15.7	49.0	4891.7	530.0	-26.5	-30.3	256.4	18.1	17.6	4.3	295.8	297.6	0.6	70.1	10.3	87.
16.1	50.0	5001.4	522.0	-27.5	-31.7	256.7	18.7	18.2	4.3	295.8	297.4	0.5	67.5	10.7	87.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
1800 GMT

154 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.6	51.0	5154.4	511.0	-28.4	-32.8	256.9	19.5	19.0	4.4	296.5	298.0	0.5	65.6	11.3	86.
17.0	52.0	5267.4	503.0	-29.2	-34.8	257.1	19.9	19.4	4.4	296.9	298.1	0.4	58.2	11.8	86.
17.2	53.0	5381.7	495.0	-30.3	-35.9	257.1	20.0	19.5	4.5	297.0	298.1	0.4	57.3	12.0	86.
17.7	54.0	5497.3	487.0	-31.5	-37.4	257.0	20.5	19.9	4.6	296.9	297.9	0.3	55.2	12.6	85.
18.1	55.0	5599.7	480.0	-32.1	-38.6	256.6	21.0	20.4	4.9	297.3	298.2	0.3	52.3	13.1	85.
18.5	56.0	5748.1	470.0	-32.9	-39.3	255.9	21.5	20.8	5.2	298.1	298.9	0.3	50.0	13.7	85.
18.9	57.0	5868.6	462.0	-34.3	-41.2	255.2	21.9	21.1	5.6	297.9	298.6	0.2	48.8	14.1	84.
19.2	58.0	5975.2	455.0	-35.3	-42.7	254.8	22.3	21.5	5.8	297.9	298.5	0.2	46.2	14.5	84.
19.7	59.0	6114.1	446.0	-36.2	-43.6	254.3	23.1	22.2	6.3	298.4	299.0	0.2	46.2	15.2	84.
20.1	60.0	6223.7	439.0	-37.2	-44.5	254.0	23.5	22.5	6.5	298.6	299.1	0.2	45.8	15.8	83.
20.3	61.0	6334.5	432.0	-38.3	-45.7	253.9	23.3	22.4	6.5	298.6	299.1	0.1	45.2	16.0	83.
20.9	62.0	6462.9	424.0	-39.3	-46.8	253.7	22.7	21.8	6.4	298.8	299.2	0.1	44.3	16.9	83.
21.1	63.0	6576.7	417.0	-40.2	99.9	253.5	22.5	21.6	6.4	299.2	999.9	99.9	999.9	17.1	83.
21.6	64.0	6691.8	410.0	-41.7	99.9	252.4	22.5	21.4	6.8	298.7	999.9	99.9	999.9	17.7	82.
21.9	65.0	6825.2	402.0	-42.4	99.9	251.4	22.4	21.2	7.1	299.5	999.9	99.9	999.9	18.2	82.
22.3	66.0	6960.8	394.0	-43.6	99.9	250.7	22.4	21.1	7.4	299.6	999.9	99.9	999.9	18.7	82.
22.8	67.0	7080.9	387.0	-44.9	99.9	251.2	22.7	21.5	7.3	299.5	999.9	99.9	999.9	19.3	81.
23.2	68.0	7202.8	380.0	-45.7	99.9	251.9	23.1	22.0	7.2	299.9	999.9	99.9	999.9	19.9	81.
23.6	69.0	7326.3	373.0	-46.7	99.9	251.7	23.6	22.4	7.4	300.2	999.9	99.9	999.9	20.5	81.
24.0	70.0	7451.7	366.0	-47.9	99.9	250.2	24.1	22.7	8.2	300.3	999.9	99.9	999.9	20.9	81.
24.4	71.0	7557.0	358.0	-49.2	99.9	247.4	24.4	22.5	7.4	300.4	999.9	99.9	999.9	21.6	80.
24.9	72.0	7707.6	352.0	-50.3	99.9	244.1	23.8	21.4	10.4	300.5	999.9	99.9	999.9	22.3	80.
25.2	73.0	7838.5	345.0	-51.0	99.9	242.8	23.2	20.6	10.6	301.2	999.9	99.9	999.9	22.7	79.
25.7	74.0	7971.5	338.0	-52.3	99.9	241.7	22.8	20.1	10.8	301.3	999.9	99.9	999.9	23.4	79.
26.1	75.0	8087.2	332.0	-53.2	99.9	242.2	23.4	20.7	10.9	301.5	999.9	99.9	999.9	23.8	79.
26.4	76.0	8204.4	326.0	-54.1	99.9	243.1	24.2	21.6	11.0	301.8	999.9	99.9	999.9	24.3	78.
26.9	77.0	8323.2	320.0	-55.7	99.9	244.2	24.3	21.8	10.6	301.2	999.9	99.9	999.9	25.1	78.
27.3	78.0	8443.5	314.0	-56.6	99.9	244.5	23.4	21.1	10.1	301.7	999.9	99.9	999.9	25.6	78.
27.7	79.0	8565.8	308.0	-56.9	99.9	244.4	22.6	20.4	9.8	302.9	999.9	99.9	999.9	26.1	77.
28.1	80.0	8690.3	302.0	-57.2	99.9	244.4	22.6	20.4	9.7	304.1	999.9	99.9	999.9	26.6	77.
28.6	81.0	8838.9	295.0	-56.4	99.9	246.2	23.7	21.6	9.6	307.3	999.9	99.9	999.9	27.3	77.
29.0	82.0	8969.4	289.0	-56.4	99.9	249.1	24.5	22.8	8.7	309.1	999.9	99.9	999.9	27.8	76.
29.3	83.0	9102.3	283.0	-57.1	99.9	250.8	24.0	22.7	7.9	310.1	999.9	99.9	999.9	28.4	76.
29.8	84.0	9238.0	277.0	-57.1	99.9	251.2	23.0	21.8	7.4	312.0	999.9	99.9	999.9	29.0	76.
30.1	85.0	9353.3	272.0	-57.1	99.9	250.0	22.6	21.2	7.7	313.6	999.9	99.9	999.9	29.4	76.
30.6	86.0	9518.3	265.0	-57.1	99.9	247.0	23.0	21.2	9.0	315.9	999.9	99.9	999.9	30.1	76.
31.1	87.0	9639.2	260.0	-55.7	99.9	245.5	24.1	22.0	10.0	319.6	999.9	99.9	999.9	30.7	76.
31.4	88.0	9788.2	254.0	-54.9	99.9	245.5	24.7	22.4	10.2	322.9	999.9	99.9	999.9	31.2	76.
31.9	89.0	9915.3	249.0	-54.9	99.9	246.9	25.4	23.3	10.0	324.8	999.9	99.9	999.9	31.9	75.
32.2	90.0	10044.8	244.0	-55.3	99.9	248.5	25.8	24.0	9.5	326.2	999.9	99.9	999.9	32.4	75.
32.7	91.0	10177.2	239.0	-54.3	99.9	251.0	26.3	24.9	8.6	329.6	999.9	99.9	999.9	33.2	75.
33.1	92.0	10312.5	234.0	-55.1	99.9	251.6	26.2	24.9	8.3	330.4	999.9	99.9	999.9	33.9	75.
33.6	93.0	10450.7	229.0	-54.3	99.9	250.0	25.5	23.9	9.7	333.6	999.9	99.9	999.9	34.6	75.
34.0	94.0	10592.3	224.0	-54.3	99.9	248.3	24.8	23.1	9.2	335.7	999.9	99.9	999.9	35.2	75.
34.3	95.0	10737.0	219.0	-54.1	99.9	248.6	24.7	23.0	9.0	338.2	999.9	99.9	999.9	35.7	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
1800 GMT

154 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.9	96.0	10915.4	213.0	-53.8	99.9	250.8	24.8	23.4	8.1	341.4	999.9	99.9	999.9	36.5	75.
35.3	97.0	11037.3	209.0	-53.5	99.9	252.0	25.3	24.1	7.8	343.7	999.9	99.9	999.9	37.1	75.
35.8	98.0	11192.9	204.0	-54.0	99.9	251.1	26.2	24.8	8.5	345.3	999.9	99.9	999.9	37.9	75.
36.2	99.0	11320.1	200.0	-53.7	99.9	248.5	27.0	25.1	9.9	347.8	999.9	99.9	999.9	38.5	75.
36.7	100.0	11483.4	195.0	-52.1	99.9	245.2	28.0	25.4	11.7	352.8	999.9	99.9	999.9	39.3	74.
37.2	101.0	11651.6	190.0	-52.3	99.9	244.8	28.5	25.8	12.1	355.2	999.9	99.9	999.9	40.2	74.
37.7	102.0	11824.0	185.0	-52.6	99.9	247.9	28.5	26.4	10.7	357.4	999.9	99.9	999.9	41.1	74.
38.1	103.0	11965.0	181.0	-53.3	99.9	251.7	28.4	26.9	9.9	358.4	999.9	99.9	999.9	41.7	74.
38.7	104.0	12109.1	177.0	-52.7	99.9	256.5	27.6	26.8	5.5	361.7	999.9	99.9	999.9	42.8	74.
39.2	105.0	12256.8	173.0	-52.3	99.9	259.8	26.3	25.8	5.1	364.9	999.9	99.9	999.9	43.6	74.
39.7	106.0	12408.4	169.0	-51.6	99.9	259.8	24.9	24.5	4.4	368.3	999.9	99.9	999.9	44.3	74.
40.1	107.0	12563.9	165.0	-51.3	99.9	259.6	23.9	23.6	4.3	371.4	999.9	99.9	999.9	45.0	74.
40.6	108.0	12723.1	161.0	-52.1	99.9	257.0	23.7	23.1	5.3	372.7	999.9	99.9	999.9	45.6	74.
41.1	109.0	12886.3	157.0	-51.3	99.9	251.8	24.3	23.1	7.6	376.7	999.9	99.9	999.9	46.2	74.
41.5	110.0	13053.8	153.0	-51.8	99.9	246.9	24.6	22.6	9.6	378.7	999.9	99.9	999.9	47.1	74.
42.2	111.0	13225.3	149.0	-52.4	99.9	242.5	24.4	21.6	11.3	380.5	999.9	99.9	999.9	47.9	74.
42.7	112.0	13401.2	145.0	-52.6	99.9	242.9	24.7	22.0	11.2	383.2	999.9	99.9	999.9	48.6	74.
43.2	113.0	13536.1	142.0	-53.2	99.9	245.3	25.1	22.8	10.5	384.4	999.9	99.9	999.9	49.3	74.
43.7	114.0	13720.1	138.0	-53.5	99.9	248.3	25.5	23.7	9.4	387.0	999.9	99.9	999.9	50.1	74.
44.2	115.0	13861.5	135.0	-53.5	99.9	251.1	26.2	24.8	3.5	389.5	999.9	99.9	999.9	50.9	73.
44.9	116.0	14104.3	130.0	-53.5	99.9	254.0	27.6	26.6	7.6	393.7	999.9	99.9	999.9	52.0	73.
45.4	117.0	14305.4	126.0	-53.5	99.9	255.2	27.1	26.2	5.9	397.2	999.9	99.9	999.9	52.9	73.
46.1	118.0	14460.4	123.0	-53.3	99.9	253.7	24.5	23.5	4.9	400.3	999.9	99.9	999.9	54.0	74.
46.7	119.0	14619.7	120.0	-52.6	99.9	249.6	24.1	22.6	8.4	404.5	999.9	99.9	999.9	54.8	74.
47.2	120.0	14783.6	117.0	-51.8	99.9	247.6	24.4	22.6	9.3	408.9	999.9	99.9	999.9	55.6	73.
47.8	121.0	14951.9	114.0	-51.9	99.9	248.6	24.7	23.0	9.0	411.7	999.9	99.9	999.9	56.4	73.
48.5	122.0	15124.7	111.0	-52.1	99.9	250.9	27.7	26.2	9.0	414.5	999.9	99.9	999.9	57.3	73.
49.0	123.0	15302.0	108.0	-52.4	99.9	251.0	30.0	28.4	9.8	417.2	999.9	99.9	999.9	58.3	73.
49.5	124.0	15483.9	105.0	-53.0	99.9	251.0	27.8	26.3	9.0	419.4	999.9	99.9	999.9	59.4	73.
50.1	125.0	15670.6	102.0	-53.5	99.9	252.6	23.9	22.8	7.1	422.0	999.9	99.9	999.9	60.2	73.
50.9	126.0	15927.8	98.0	-53.8	99.9	255.5	25.1	24.3	6.3	426.2	999.9	99.9	999.9	61.2	73.
51.4	127.0	16127.4	95.0	-54.0	99.9	255.8	25.5	24.7	6.3	429.7	999.9	99.9	999.9	62.2	73.
52.0	128.0	16264.0	93.0	-54.1	99.9	254.6	25.0	24.1	5.6	432.0	999.9	99.9	999.9	62.9	73.
52.5	129.0	16474.3	90.0	-54.1	99.9	253.5	26.2	25.1	7.4	436.1	999.9	99.9	999.9	63.7	73.
53.1	130.0	16618.3	88.0	-54.6	99.9	253.3	27.8	26.6	8.0	437.9	999.9	99.9	999.9	64.7	73.
53.9	131.0	16915.5	84.0	-55.6	99.9	253.3	26.9	25.8	7.7	441.8	999.9	99.9	999.9	66.2	73.
54.5	132.0	17069.5	82.0	-54.3	99.9	252.5	25.8	24.6	7.8	447.5	999.9	99.9	999.9	66.9	73.
55.1	133.0	17307.6	79.0	-55.7	99.9	250.5	27.5	25.9	9.2	449.3	999.9	99.9	999.9	67.9	73.
55.8	134.0	17470.6	77.0	-56.7	99.9	254.8	29.0	28.0	7.6	450.6	999.9	99.9	999.9	69.1	73.
56.3	135.0	17722.1	74.0	-57.4	99.9	261.8	27.3	27.0	3.9	454.3	999.9	99.9	999.9	70.1	73.
57.1	136.0	17895.3	72.0	-57.4	99.9	267.8	21.5	21.5	0.8	457.9	999.9	99.9	999.9	71.2	74.
58.0	137.0	18164.7	69.0	-56.6	99.9	263.9	20.1	20.0	2.1	465.3	999.9	99.9	999.9	72.2	74.
58.9	138.0	18446.2	66.0	-57.4	99.9	260.4	20.6	20.3	3.4	469.4	999.9	99.9	999.9	73.3	74.
59.8	139.0	18739.7	63.0	-58.1	99.9	259.1	22.3	21.9	4.2	474.2	999.9	99.9	999.9	74.4	74.
60.6	140.0	18942.5	61.0	-59.1	99.9	254.5	28.4	27.4	7.6	476.3	999.9	99.9	999.9	75.4	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
1800 GMT

154 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
61.5	141.0	19367.7	57.0	-59.1	99.9	246.8	21.8	20.0	8.6	485.7	999.9	99.9	999.9	77.5	74.
62.2	142.0	19591.7	55.0	-59.1	99.9	250.1	17.3	16.3	5.9	490.7	999.9	99.9	999.9	77.8	74.
63.1	143.0	19823.7	53.0	-59.5	99.9	262.1	23.9	23.7	3.3	495.1	999.9	99.9	999.9	78.8	74.
64.0	144.0	20063.9	51.0	-60.5	99.9	269.2	25.7	25.7	0.3	498.1	999.9	99.9	999.9	80.2	74.
64.9	145.0	20440.9	48.0	-61.2	99.9	270.9	22.3	22.3	-0.3	505.1	999.9	99.9	999.9	81.7	74.
65.8	146.0	20840.4	45.0	-62.3	99.9	263.4	22.0	21.8	2.5	511.8	999.9	99.9	999.9	82.7	75.
66.5	147.0	21121.4	43.0	-62.0	99.9	256.4	27.4	26.7	6.4	519.4	999.9	99.9	999.9	83.2	75.
67.2	148.0	21415.6	41.0	-62.7	99.9	253.9	27.6	26.6	7.6	524.7	999.9	99.9	999.9	85.0	75.
68.2	149.0	21882.3	38.0	-64.2	99.9	249.7	23.7	22.3	8.2	532.4	999.9	99.9	999.9	86.7	75.
69.1	150.0	22212.8	36.0	-64.8	99.9	247.4	18.3	16.9	7.0	539.2	999.9	99.9	999.9	87.4	74.
70.1	151.0	22561.6	34.0	-64.8	99.9	253.6	22.8	21.9	6.5	548.1	999.9	99.9	999.9	88.7	74.
71.1	152.0	22931.6	32.0	-64.8	99.9	261.2	25.5	25.2	3.9	557.6	999.9	99.9	999.9	90.2	74.
72.1	153.0	23325.7	30.0	-64.6	99.9	263.3	32.6	32.4	3.8	568.6	999.9	99.9	999.9	91.7	75.
73.1	154.0	23972.3	27.0	-62.7	99.9	260.2	32.9	32.4	5.6	591.3	999.9	99.9	999.9	94.1	75.
74.4	155.0	24445.4	25.0	-63.8	99.9	258.2	28.2	27.6	5.8	601.2	999.9	99.9	999.9	96.5	75.
75.7	156.0	24956.9	23.0	-63.6	99.9	262.6	28.7	28.5	3.7	616.3	999.9	99.9	999.9	98.5	75.
77.0	157.0	25230.6	22.0	-62.3	99.9	269.1	27.6	27.6	0.4	628.1	999.9	99.9	999.9	100.4	75.
78.4	158.0	26137.1	19.0	-61.8	99.9	278.6	26.1	25.8	-3.9	656.7	999.9	99.9	999.9	103.2	75.
80.1	159.0	26832.9	17.0	-57.4	99.9	999.9	99.9	99.9	99.9	691.9	999.9	99.9	999.9	999.9	999.

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
2100 GMT

150 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	236.0	976.6	0.0	-3.9	250.0	4.6	4.3	1.6	275.4	283.0	2.9	75.0	0.0	0.
0.2	7.0	298.5	969.0	-0.6	-4.8	245.7	6.2	5.6	2.5	275.3	282.5	2.8	73.3	0.2	69.
0.7	8.0	406.3	956.0	-1.6	-3.3	245.6	6.5	5.9	2.7	275.5	283.6	3.1	88.1	0.3	68.
1.1	9.0	506.8	944.0	-2.8	-4.4	246.5	7.3	6.7	2.9	275.2	282.8	2.9	89.0	0.5	67.
1.4	10.0	608.1	932.0	-3.6	-4.8	249.6	8.0	7.5	2.8	275.4	282.9	2.9	91.4	0.6	67.
1.9	11.0	736.0	917.0	-5.3	-6.1	257.5	8.6	8.4	1.9	274.9	281.8	2.6	93.9	0.9	69.
2.3	12.0	839.5	905.0	-5.9	-6.2	263.0	9.3	9.2	1.1	275.4	282.3	2.7	97.6	1.1	71.
2.8	13.0	944.0	893.0	-6.7	-7.1	267.9	10.1	10.1	0.4	275.5	282.1	2.5	97.5	1.3	74.
3.1	14.0	1049.6	881.0	-7.2	-7.5	269.4	10.4	10.4	0.1	276.1	282.6	2.5	97.4	1.5	76.
3.5	15.0	1147.5	870.0	-7.9	-8.3	268.9	10.5	10.5	0.2	276.3	282.5	2.3	97.1	1.8	78.
4.0	16.0	1282.6	855.0	-8.7	-9.0	269.1	10.8	10.8	0.2	276.9	282.9	2.3	97.0	2.1	79.
4.3	17.0	1382.9	844.0	-9.4	-9.8	271.7	10.9	10.9	-0.3	277.1	282.9	2.1	96.6	2.3	81.
4.8	18.0	1484.3	833.0	-10.0	-10.4	273.7	11.2	11.2	-0.7	277.6	283.1	2.1	96.7	2.6	82.
5.1	19.0	1596.2	821.0	-10.2	-10.7	273.2	11.7	11.7	-0.6	278.4	284.0	2.1	96.7	2.8	83.
5.5	20.0	1700.1	810.0	-10.8	-11.2	270.7	12.6	12.6	-0.1	278.9	284.3	2.0	96.6	3.1	84.
6.0	21.0	1833.8	796.0	-12.4	-12.9	267.7	14.1	14.1	1.6	278.6	283.4	1.8	96.1	3.5	84.
6.4	22.0	1940.2	785.0	-12.7	-13.4	265.6	13.2	13.2	1.0	279.4	284.1	1.7	94.5	3.8	85.
6.9	23.0	2047.9	774.0	-12.9	-13.9	260.6	11.6	11.4	1.9	280.2	284.8	1.7	92.7	4.2	85.
7.3	24.0	2147.1	764.0	-13.2	-13.9	258.5	12.1	11.9	2.4	280.9	285.6	1.7	94.4	4.5	84.
7.7	25.0	2257.7	753.0	-12.9	-13.9	259.9	12.6	12.4	2.2	282.4	287.2	1.7	92.3	4.8	84.
8.1	26.0	2390.4	740.0	-13.5	-15.0	263.3	12.6	12.5	1.5	283.2	287.7	1.6	88.4	5.1	84.
8.6	27.0	2504.3	729.0	-14.2	-15.4	265.7	13.3	13.2	1.0	283.6	288.0	1.6	90.3	5.4	84.
9.1	28.0	2609.1	719.0	-14.1	-15.8	266.3	14.4	14.3	0.9	284.9	289.3	1.5	86.2	5.8	84.
9.4	29.0	2726.2	708.0	-14.3	-16.2	266.0	15.0	14.9	1.1	285.8	290.2	1.5	85.7	6.1	84.
9.9	30.0	2834.0	698.0	-15.2	-17.1	264.7	15.5	15.4	1.4	286.1	290.1	1.4	85.0	6.6	84.
10.2	31.0	2943.0	688.0	-15.4	-17.5	263.6	15.6	15.5	1.7	286.9	291.0	1.4	84.2	6.9	84.
10.8	32.0	3053.5	678.0	-16.1	-18.6	261.2	15.7	15.5	2.4	287.4	291.1	1.3	81.0	7.4	84.
11.1	33.0	3165.3	668.0	-16.5	-19.3	260.5	15.6	15.4	2.6	288.1	291.7	1.2	79.3	7.7	84.
11.6	34.0	3278.7	658.0	-17.0	-19.8	261.4	15.2	15.0	2.3	288.9	292.4	1.2	78.6	8.2	84.
12.0	35.0	3382.0	649.0	-17.8	-21.0	263.9	14.8	14.7	1.6	289.1	292.3	1.1	75.9	8.5	83.
12.5	36.0	3533.2	636.0	-18.6	-22.4	267.7	14.7	14.6	0.6	289.8	292.8	1.0	71.9	9.0	84.
12.9	37.0	3639.4	627.0	-19.3	-24.9	269.3	14.7	14.7	0.2	290.2	292.6	0.8	60.5	9.3	84.
13.2	38.0	3758.7	617.0	-20.2	-26.7	269.7	14.7	14.7	0.1	290.4	292.5	0.7	56.1	9.6	84.
13.8	39.0	3867.6	608.0	-20.6	-25.5	269.7	14.6	14.6	0.3	291.2	293.6	0.8	64.6	10.1	85.
14.1	40.0	3977.7	599.0	-21.4	-26.5	267.5	14.7	14.7	0.6	291.5	293.7	0.7	62.5	10.4	85.
14.7	41.0	4114.2	588.0	-22.2	-28.1	264.4	15.3	15.2	1.5	292.1	294.1	0.6	58.7	10.9	85.
15.1	42.0	4240.1	578.0	-23.2	-28.9	262.5	16.1	15.9	2.1	292.4	294.3	0.6	59.0	11.3	85.
15.5	43.0	4354.9	569.0	-23.8	-29.4	261.0	17.0	16.8	2.7	293.0	294.8	0.6	59.7	11.6	84.
15.9	44.0	4471.2	560.0	-24.8	-30.6	259.8	17.4	17.1	3.1	293.2	294.9	0.5	58.2	12.1	84.
16.2	45.0	4588.9	551.0	-25.4	-30.9	259.0	17.5	17.1	3.3	293.8	295.4	0.5	60.2	12.4	84.
16.8	46.0	4694.9	543.0	-26.2	-31.2	258.5	17.6	17.2	3.5	294.1	295.7	0.5	62.6	13.0	84.
17.1	47.0	4815.6	534.0	-27.2	-32.5	258.5	17.8	17.5	3.5	294.3	295.8	0.5	60.0	13.3	84.
17.4	48.0	4924.2	526.0	-28.0	-33.4	258.6	18.2	17.8	3.6	294.6	296.0	0.4	59.6	13.7	84.
17.9	49.0	5047.9	517.0	-28.9	-37.4	257.8	18.4	18.0	3.9	295.0	295.9	0.3	43.2	14.2	84.
18.2	50.0	5159.4	509.0	-29.6	-37.7	257.3	18.5	18.1	4.1	295.5	296.4	0.3	44.7	14.6	83.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
2100 GMT

150 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MM	TEMP DG C	DEW FT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.9	51.0	5300.7	499.0	-30.5	-38.3	256.5	19.6	19.0	4.6	296.0	296.9	0.3	46.1	15.3	83.
19.2	52.0	5429.8	490.0	-31.6	-38.8	256.5	20.3	19.7	4.7	296.2	297.1	0.3	48.2	15.7	83.
19.6	53.0	5546.0	482.0	-32.9	-40.2	256.2	20.9	20.3	5.0	296.0	296.8	0.2	47.7	16.2	83.
20.0	54.0	5663.5	474.0	-33.8	-41.5	255.2	20.8	20.1	5.3	296.2	296.9	0.2	45.6	16.7	82.
20.4	55.0	5782.7	466.0	-34.6	-42.8	253.0	20.4	19.5	6.0	296.7	297.3	0.2	42.6	17.2	82.
21.0	56.0	5918.6	457.0	-35.6	-45.5	250.0	20.9	19.6	7.1	297.2	297.6	0.1	35.0	17.8	82.
21.4	57.0	6041.2	449.0	-36.9	-46.9	249.6	21.7	20.4	7.6	297.0	297.4	0.1	34.5	18.4	81.
21.9	58.0	6149.8	442.0	-37.6	-46.7	250.3	22.2	20.9	7.5	297.4	297.9	0.1	37.8	19.0	81.
22.2	59.0	6275.5	434.0	-38.6	-48.2	251.1	21.9	20.7	7.1	297.8	298.1	0.1	34.9	19.4	81.
22.6	60.0	6403.1	426.0	-39.7	-49.1	252.3	21.2	20.2	6.4	297.9	298.3	0.1	35.5	20.0	81.
23.1	61.0	6516.0	419.0	-41.1	99.9	253.4	20.7	19.9	5.9	297.6	999.9	99.9	999.9	20.6	80.
23.5	62.0	6630.3	412.0	-41.9	99.9	253.6	21.2	20.3	6.0	298.0	999.9	99.9	999.9	21.0	80.
23.9	63.0	6746.2	405.0	-42.8	99.9	252.9	22.1	21.1	6.5	298.4	999.9	99.9	999.9	21.6	80.
24.2	64.0	6880.5	397.0	-43.9	99.9	252.1	22.2	21.1	6.8	298.6	999.9	99.9	999.9	22.0	80.
24.8	65.0	6999.6	390.0	-45.2	99.9	249.7	21.5	20.1	7.4	298.4	999.9	99.9	999.9	22.8	80.
25.2	66.0	7137.7	382.0	-46.2	99.9	247.8	21.1	19.6	8.0	298.8	999.9	99.9	999.9	23.3	79.
25.8	67.0	7260.3	375.0	-47.3	99.9	245.9	21.7	19.8	8.8	299.1	999.9	99.9	999.9	24.0	79.
26.1	68.0	7384.7	368.0	-48.3	99.9	245.6	22.2	20.2	9.2	299.3	999.9	99.9	999.9	24.4	79.
26.5	69.0	7492.7	362.0	-49.4	99.9	245.8	23.0	21.0	9.4	299.3	999.9	99.9	999.9	24.9	78.
27.0	70.0	7620.5	355.0	-50.1	99.9	246.7	24.4	22.5	9.6	299.9	999.9	99.9	999.9	25.5	78.
27.5	71.0	7768.9	347.0	-51.7	99.9	248.1	25.3	23.5	9.4	299.8	999.9	99.9	999.9	26.4	78.
27.9	72.0	7900.7	340.0	-53.0	99.9	248.3	24.9	23.1	9.2	299.8	999.9	99.9	999.9	27.0	78.
28.2	73.0	8015.3	334.0	-53.9	99.9	248.4	24.5	22.8	9.0	300.0	999.9	99.9	999.9	27.4	77.
28.7	74.0	8131.5	328.0	-54.6	99.9	248.7	24.5	22.8	8.8	300.7	999.9	99.9	999.9	28.1	77.
29.1	75.0	8249.3	322.0	-55.9	99.9	250.1	25.4	23.9	8.7	300.4	999.9	99.9	999.9	28.6	77.
29.5	76.0	8368.9	316.0	-56.3	99.9	251.5	27.0	25.6	8.5	301.6	999.9	99.9	999.9	29.2	77.
29.9	77.0	8490.4	310.0	-57.3	99.9	252.9	27.1	25.9	8.0	301.8	999.9	99.9	999.9	30.0	77.
30.2	78.0	8613.8	304.0	-58.0	99.9	253.6	26.2	25.1	7.4	302.5	999.9	99.9	999.9	30.5	77.
30.8	79.0	8760.5	297.0	-58.3	99.9	254.0	22.8	21.9	6.3	304.0	999.9	99.9	999.9	31.4	77.
31.1	80.0	8867.3	292.0	-58.3	99.9	253.1	21.3	20.4	6.2	305.5	999.9	99.9	999.9	31.8	77.
31.8	81.0	9042.3	284.0	-58.0	99.9	248.0	21.4	19.8	8.0	308.4	999.9	99.9	999.9	32.5	77.
32.1	82.0	9154.7	279.0	-56.3	99.9	246.5	22.4	20.6	9.0	312.5	999.9	99.9	999.9	32.9	76.
32.6	83.0	9292.8	273.0	-56.3	99.9	246.1	24.2	22.1	9.8	314.4	999.9	99.9	999.9	33.7	76.
33.1	84.0	9410.2	268.0	-56.3	99.9	247.4	24.5	22.6	9.4	316.1	999.9	99.9	999.9	34.4	76.
33.5	85.0	9554.1	262.0	-56.3	99.9	249.1	23.9	22.4	9.5	318.2	999.9	99.9	999.9	35.1	76.
34.0	86.0	9701.3	256.0	-56.1	99.9	250.6	23.5	22.1	7.8	320.5	999.9	99.9	999.9	35.6	76.
34.5	87.0	9852.1	250.0	-56.3	99.9	250.1	24.1	22.6	8.2	322.4	999.9	99.9	999.9	36.4	76.
34.9	88.0	9980.9	245.0	-54.6	99.9	248.8	25.3	23.6	9.2	326.8	999.9	99.9	999.9	36.9	76.
35.3	89.0	10113.3	240.0	-53.3	99.9	247.9	26.2	24.3	9.9	330.7	999.9	99.9	999.9	37.6	75.
35.8	90.0	10249.0	235.0	-53.0	99.9	247.7	26.2	24.3	10.0	333.2	999.9	99.9	999.9	38.5	75.
36.1	91.0	10387.7	230.0	-53.1	99.9	247.8	25.8	23.8	9.7	335.0	999.9	99.9	999.9	39.0	75.
36.6	92.0	10529.2	225.0	-53.4	99.9	247.9	25.1	23.3	9.4	336.6	999.9	99.9	999.9	39.6	75.
37.1	93.0	10644.9	221.0	-52.3	99.9	247.6	26.0	24.0	9.9	340.1	999.9	99.9	999.9	40.3	75.
37.6	94.0	10793.2	216.0	-51.7	99.9	247.7	27.4	25.3	10.4	343.3	999.9	99.9	999.9	41.2	75.
38.1	95.0	10914.3	212.0	-52.3	99.9	248.8	28.5	26.6	10.3	344.1	999.9	99.9	999.9	42.0	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
2100 GMT

150 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
38.7	96.0	11100.4	206.0	-51.2	99.9	251.7	27.9	26.5	8.8	348.7	999.9	99.9	999.9	43.1	74.
39.1	97.0	11260.2	201.0	-51.2	99.9	254.1	26.7	25.7	7.3	351.2	999.9	99.9	999.9	43.8	74.
39.6	98.0	11390.8	197.0	-51.4	99.9	256.4	26.2	25.5	6.2	353.0	999.9	99.9	999.9	44.4	74.
40.0	99.0	1151.7	192.0	-51.7	99.9	257.1	27.4	26.7	6.1	355.1	999.9	99.9	999.9	45.0	74.
40.4	100.0	11694.1	188.0	-52.0	99.9	257.1	28.8	28.1	6.5	356.7	999.9	99.9	999.9	45.8	75.
41.1	101.0	11869.0	183.0	-51.4	99.9	256.0	28.5	27.7	6.9	360.5	999.9	99.9	999.9	47.0	75.
41.5	102.0	12012.3	179.0	-52.3	99.9	254.8	27.1	26.2	7.1	361.2	999.9	99.9	999.9	47.8	75.
42.1	103.0	12159.3	175.0	-52.6	99.9	252.9	25.5	24.4	7.5	363.0	999.9	99.9	999.9	48.5	75.
42.5	104.0	12307.6	171.0	-53.0	99.9	251.7	24.8	23.5	7.8	364.9	999.9	99.9	999.9	49.4	75.
43.1	105.0	12460.2	167.0	-53.0	99.9	247.7	22.2	21.8	8.0	367.4	999.9	99.9	999.9	50.1	75.
43.4	106.0	12616.6	163.0	-53.0	99.9	249.3	22.4	20.9	7.9	369.9	999.9	99.9	999.9	50.5	74.
44.0	107.0	12776.8	159.0	-53.1	99.9	249.2	21.6	20.2	7.6	372.3	999.9	99.9	999.9	51.2	74.
44.4	108.0	12899.5	156.0	-53.1	99.9	247.9	22.4	20.8	9.4	374.3	999.9	99.9	999.9	51.8	74.
44.9	109.0	13066.7	152.0	-53.8	99.9	246.7	24.7	22.7	9.8	376.0	999.9	99.9	999.9	52.5	74.
45.2	110.0	13194.9	149.0	-53.6	99.9	247.1	25.9	23.9	10.1	378.5	999.9	99.9	999.9	52.9	74.
45.9	111.0	13414.0	144.0	-54.4	99.9	249.9	27.0	25.4	9.3	380.7	999.9	99.9	999.9	54.2	74.
46.3	112.0	13548.8	141.0	-54.4	99.9	251.3	26.7	25.3	3.6	383.0	999.9	99.9	999.9	54.8	74.
46.9	113.0	13733.2	137.0	-54.6	99.9	252.5	26.9	25.7	8.1	385.9	999.9	99.9	999.9	55.6	74.
47.2	114.0	13874.9	134.0	-54.6	99.9	253.3	26.9	25.8	7.7	388.4	999.9	99.9	999.9	56.1	74.
47.8	115.0	14019.8	131.0	-54.7	99.9	255.5	26.3	25.5	6.6	390.6	999.9	99.9	999.9	57.2	74.
48.3	116.0	14218.4	127.0	-54.3	99.9	256.8	27.1	26.4	6.2	395.0	999.9	99.9	999.9	57.9	74.
48.9	117.0	14424.1	123.0	-53.3	99.9	256.4	30.1	29.2	7.1	400.4	999.9	99.9	999.9	58.8	74.
49.2	118.0	14583.0	120.0	-53.6	99.9	255.8	30.5	29.5	7.5	402.6	999.9	99.9	999.9	59.5	74.
49.7	119.0	14745.8	117.0	-53.6	99.9	254.8	28.9	27.9	7.6	405.5	999.9	99.9	999.9	60.5	74.
50.1	120.0	14912.6	114.0	-54.3	99.9	254.3	26.5	25.6	7.2	407.4	999.9	99.9	999.9	61.1	74.
50.8	121.0	15083.8	111.0	-53.8	99.9	255.2	24.2	23.4	5.2	411.4	999.9	99.9	999.9	62.1	74.
51.3	122.0	15200.7	109.0	-53.6	99.9	257.3	23.5	23.0	5.2	413.8	999.9	99.9	999.9	62.8	74.
51.9	123.0	15380.3	106.0	-53.1	99.9	259.5	23.9	23.5	4.3	418.1	999.9	99.9	999.9	63.6	74.
52.3	124.0	15565.5	103.0	-52.8	99.9	259.0	24.6	24.1	4.7	422.1	999.9	99.9	999.9	64.2	74.
52.9	125.0	15756.1	100.0	-53.1	99.9	257.5	25.3	24.7	5.5	425.1	999.9	99.9	999.9	65.1	74.
53.4	126.0	15952.1	97.0	-53.9	99.9	257.5	25.6	25.0	5.5	427.3	999.9	99.9	999.9	65.9	74.
53.9	127.0	16153.5	94.0	-54.6	99.9	259.4	25.2	24.6	5.1	429.8	999.9	99.9	999.9	66.7	74.
54.3	128.0	16290.9	92.0	-55.6	99.9	259.8	24.1	23.6	4.7	430.5	999.9	99.9	999.9	67.3	74.
54.9	129.0	16501.9	89.0	-56.1	99.9	258.4	21.2	20.8	4.3	433.6	999.9	99.9	999.9	68.1	74.
55.3	130.0	16646.4	87.0	-56.3	99.9	257.1	20.2	19.7	4.5	436.1	999.9	99.9	999.9	68.7	74.
56.1	131.0	16869.1	84.0	-56.8	99.9	255.9	24.6	23.8	6.0	439.4	999.9	99.9	999.9	69.3	74.
56.6	132.0	17098.9	81.0	-58.0	99.9	258.3	27.7	27.2	5.6	441.6	999.9	99.9	999.9	70.5	74.
57.1	133.0	17256.5	79.0	-58.1	99.9	262.4	27.0	26.8	3.6	444.4	999.9	99.9	999.9	71.3	75.
57.7	134.0	17500.2	76.0	-58.3	99.9	266.0	24.3	24.2	1.7	448.9	999.9	99.9	999.9	72.2	75.
58.2	135.0	17668.7	74.0	-56.4	99.9	266.5	22.9	22.9	1.4	456.4	999.9	99.9	999.9	72.9	75.
58.9	136.0	17842.2	72.0	-57.6	99.9	266.5	23.9	23.9	1.4	457.4	999.9	99.9	999.9	73.7	75.
59.5	137.0	18110.9	69.0	-57.6	99.9	266.5	24.8	24.7	1.5	463.0	999.9	99.9	999.9	74.7	75.
60.1	138.0	18487.9	65.0	-57.6	99.9	262.8	21.8	21.6	2.7	471.0	999.9	99.9	999.9	75.5	75.
61.0	139.0	18685.6	63.0	-56.6	99.9	249.6	18.8	17.6	5.6	477.5	999.9	99.9	999.9	76.5	75.
61.7	140.0	18889.8	61.0	-57.6	99.9	249.8	18.6	17.4	6.4	479.6	999.9	99.9	999.9	77.3	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
2100 GMT

150 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.2	141.0	19100.1	59.0	-58.0	99.9	258.1	17.4	17.1	3.6	483.4	999.9	99.9	999.9	77.9	75.
63.0	142.0	19427.6	56.0	-59.8	99.9	271.6	20.1	20.1	-0.6	486.7	999.9	99.9	999.9	78.9	75.
63.7	143.0	19770.8	53.0	-61.0	99.9	266.8	27.6	27.6	1.6	491.4	999.9	99.9	999.9	79.5	75.
64.3	144.0	20009.3	51.0	-62.0	99.9	263.3	27.6	27.4	3.2	494.7	999.9	99.9	999.9	80.8	76.
65.1	145.0	20256.7	49.0	-62.0	99.9	260.5	21.1	20.8	3.5	500.4	999.9	99.9	999.9	82.1	76.
65.9	146.0	20646.8	46.0	-62.7	99.9	256.9	23.8	23.2	5.4	507.6	999.9	99.9	999.9	82.6	76.
66.8	147.0	20920.3	44.0	-63.5	99.9	254.0	25.9	24.9	7.1	512.2	999.9	99.9	999.9	84.6	76.
67.7	148.0	21205.8	42.0	-63.7	99.9	256.5	22.2	21.6	5.2	518.6	999.9	99.9	999.9	85.4	76.
68.7	149.0	21659.0	39.0	-65.1	99.9	255.9	24.4	23.6	5.9	526.2	999.9	99.9	999.9	87.1	76.
69.6	150.0	21980.1	37.0	-64.7	99.9	256.4	22.3	21.7	5.2	535.2	999.9	99.9	999.9	88.3	76.
70.5	151.0	22319.7	35.0	-64.3	99.9	259.3	31.9	31.3	5.9	544.8	999.9	99.9	999.9	89.7	76.
71.6	152.0	22866.9	32.0	-65.1	99.9	265.0	32.2	32.1	2.8	556.8	999.9	99.9	999.9	91.8	76.
72.8	153.0	23261.5	30.0	-63.7	99.9	263.6	26.2	26.0	2.9	571.0	999.9	99.9	999.9	94.1	76.
74.0	154.0	23684.9	28.0	-63.5	99.9	999.9	99.9	99.9	99.9	582.9	999.9	99.9	999.9	999.9	999.
75.1	155.0	24381.8	25.0	-62.9	99.9	999.9	99.9	99.9	99.9	603.8	999.9	99.9	999.9	999.9	999.

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
2315 GMT

144 54. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	236.0	977.3	-1.1	-3.8	290.0	8.8	8.3	-3.0	274.2	281.9	3.0	82.0	0.0	0.
0.2	7.0	303.9	969.0	-2.7	-5.7	265.8	12.2	12.2	0.9	273.2	279.9	2.6	80.2	0.4	85.
0.6	8.0	402.5	957.0	-3.8	-5.2	266.0	12.0	11.9	0.8	273.1	280.1	2.7	90.3	0.4	85.
0.9	9.0	502.1	945.0	-4.6	-5.6	266.6	11.2	11.1	0.7	273.3	280.2	2.7	92.6	0.6	85.
1.4	10.0	602.7	933.0	-5.3	-6.3	269.4	11.9	11.9	0.1	273.5	280.3	2.6	94.8	1.0	86.
1.7	11.0	721.2	919.0	-6.4	-6.7	270.5	11.9	11.9	-0.1	273.6	280.1	2.5	97.4	1.2	87.
2.1	12.0	823.9	907.0	-7.6	-7.7	271.4	11.5	11.5	-0.3	273.4	279.6	2.4	99.0	1.5	88.
2.6	13.0	918.8	896.0	-8.1	-8.2	272.0	11.4	11.4	-0.4	273.8	279.7	2.3	99.1	1.8	88.
2.8	14.0	1014.8	885.0	-8.6	-8.7	272.3	11.7	11.7	-0.5	274.3	280.2	2.2	99.3	2.0	89.
3.1	15.0	1120.6	873.0	-9.2	-9.3	272.2	12.1	12.1	-0.5	274.7	280.4	2.2	99.2	2.2	89.
3.6	16.0	1236.6	860.0	-9.6	-9.7	269.3	13.1	13.1	0.2	275.4	281.1	2.1	98.9	2.5	90.
3.9	17.0	1345.1	848.0	-10.3	-10.5	266.1	14.2	14.2	1.0	275.8	281.2	2.0	98.8	2.8	89.
4.3	18.0	1445.7	837.0	-10.6	-10.8	262.4	14.2	14.1	1.9	276.5	281.9	2.0	98.3	3.1	89.
4.7	19.0	1538.2	827.0	-11.0	-11.8	259.6	14.2	13.9	2.6	277.0	282.0	1.9	93.6	3.5	88.
5.0	20.0	1640.9	816.0	-12.2	-13.2	258.4	14.5	14.2	2.9	276.8	281.4	1.7	92.2	3.7	87.
5.3	21.0	1763.8	803.0	-12.2	-13.3	259.5	14.1	13.9	2.6	278.1	282.7	1.7	91.2	4.0	87.
5.7	22.0	1869.2	792.0	-12.9	-13.8	261.1	13.3	13.2	2.1	278.4	283.0	1.7	92.5	4.3	86.
6.0	23.0	1966.0	782.0	-13.7	-14.4	262.4	12.5	12.4	1.7	278.5	282.9	1.6	94.0	4.5	86.
6.4	24.0	2073.7	771.0	-14.3	-14.7	261.0	13.0	12.8	2.0	279.1	283.4	1.6	96.2	4.8	86.
6.7	25.0	2172.7	761.0	-14.7	-15.2	260.7	13.3	13.1	2.2	279.7	283.9	1.5	96.1	5.1	86.
7.1	26.0	2293.1	749.0	-14.5	-15.3	260.5	13.8	13.6	2.3	281.1	285.5	1.6	96.2	5.4	85.
7.6	27.0	2395.0	739.0	-15.0	-15.4	260.3	14.9	14.7	2.5	281.7	286.0	1.6	96.1	5.8	85.
7.9	28.0	2498.1	729.0	-14.8	-15.3	260.5	15.6	15.4	2.6	283.0	287.4	1.6	96.3	6.1	85.
8.2	29.0	2602.8	719.0	-14.8	-16.1	261.1	16.1	15.9	2.5	284.1	288.3	1.5	90.0	6.4	84.
8.6	30.0	2697.8	710.0	-16.6	-21.3	262.1	16.6	16.5	2.3	283.0	285.9	1.0	67.0	6.8	84.
8.9	31.0	2804.4	700.0	-17.0	-28.4	263.0	16.9	16.7	2.1	283.7	285.2	0.5	36.4	7.1	84.
9.3	32.0	2912.1	690.0	-18.0	-35.7	263.4	17.2	17.1	2.0	283.8	284.6	0.3	19.4	7.5	84.
9.7	33.0	3010.2	681.0	-18.2	-34.8	263.2	17.5	17.4	2.1	284.5	285.4	0.3	21.6	7.9	84.
10.0	34.0	3120.7	671.0	-18.1	-30.6	262.8	17.7	17.5	2.2	285.9	287.2	0.4	32.2	8.2	84.
10.3	35.0	3221.6	662.0	-18.4	-27.4	261.8	17.6	17.4	2.5	286.7	288.5	0.6	44.8	8.6	84.
10.8	36.0	3346.6	651.0	-18.5	-26.1	259.7	17.7	17.4	3.1	288.0	290.0	0.7	51.1	9.1	84.
11.1	37.0	3450.4	642.0	-19.1	-26.5	258.5	17.8	17.5	3.5	288.5	290.5	0.7	51.4	9.4	84.
11.5	38.0	3555.3	633.0	-19.9	-27.2	257.5	18.3	17.8	4.0	288.7	290.7	0.6	51.6	9.8	83.
11.8	39.0	3661.5	624.0	-20.5	-28.0	257.8	18.3	17.9	3.9	289.1	291.0	0.6	50.8	10.1	83.
12.1	40.0	3756.9	616.0	-21.1	-29.2	258.2	18.4	18.0	3.8	289.6	291.2	0.5	47.6	10.5	83.
12.6	41.0	3889.7	605.0	-21.9	-31.2	259.0	18.3	18.0	3.5	290.1	291.5	0.5	42.3	11.0	83.
12.9	42.0	3999.9	596.0	-22.7	-32.0	259.0	18.7	18.3	3.6	290.4	291.8	0.4	42.1	11.3	83.
13.2	43.0	4099.0	588.0	-23.2	-32.5	258.9	19.3	18.9	3.7	290.9	292.2	0.4	42.0	11.6	83.
13.5	44.0	4211.7	579.0	-24.2	-33.7	259.6	20.1	19.7	4.0	291.1	292.3	0.4	40.5	12.0	82.
13.8	45.0	4313.1	571.0	-24.7	-34.3	258.3	20.3	19.8	4.1	291.6	292.8	0.4	40.1	12.4	82.
14.1	46.0	4415.5	563.0	-25.8	-35.5	257.9	20.2	19.8	4.2	291.6	292.6	0.3	39.4	12.8	82.
14.5	47.0	4532.1	554.0	-26.6	-36.1	256.9	19.5	19.0	4.4	292.0	292.9	0.3	39.6	13.2	82.
14.8	48.0	4637.0	546.0	-27.5	-37.4	255.5	18.9	18.3	4.7	292.1	292.9	0.3	37.9	13.6	82.
15.1	49.0	4743.1	538.0	-28.0	-41.9	254.1	18.5	17.8	5.1	292.6	293.2	0.2	25.0	14.0	82.
15.4	50.0	4837.0	531.0	-28.7	-42.3	252.8	18.3	17.5	5.4	292.9	293.5	0.2	25.4	14.2	82.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
2315 GMT

144 54. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.9	51.0	4572.9	521.0	-29.9	-43.2	252.4	18.7	17.9	5.7	293.1	293.6	0.2	25.8	14.8	81.
16.2	52.0	5083.0	513.0	-30.6	-41.0	253.0	19.2	19.4	5.6	293.6	294.3	0.2	34.9	15.1	81.
16.6	53.0	5194.5	505.0	-31.2	-39.2	254.1	19.9	19.2	5.5	294.1	294.9	0.2	44.8	15.6	81.
16.9	54.0	5293.2	498.0	-32.3	-41.5	254.7	20.6	19.9	5.4	294.0	294.6	0.2	38.9	16.0	81.
17.2	55.0	5407.3	490.0	-33.0	-42.9	255.0	21.4	20.7	5.6	294.5	295.1	0.2	36.0	16.3	81.
17.7	56.0	5537.5	481.0	-34.0	-44.8	255.1	22.5	21.8	5.8	294.7	295.2	0.1	32.5	17.0	80.
17.9	57.0	5639.9	474.0	-35.1	-46.0	255.1	22.8	22.0	5.9	294.6	295.1	0.1	31.7	17.3	80.
18.3	58.0	5743.4	467.0	-36.1	-48.0	255.1	22.3	21.6	5.7	294.7	295.1	0.1	27.8	17.8	80.
18.7	59.0	5863.3	459.0	-36.8	-50.7	254.9	21.2	20.5	5.5	295.3	295.6	0.1	21.6	18.4	80.
19.1	60.0	5969.5	452.0	-37.4	-52.0	254.4	20.2	19.5	5.4	295.8	296.0	0.1	20.0	18.9	80.
19.5	61.0	6077.1	445.0	-38.3	-50.2	253.5	20.0	19.1	5.7	296.0	296.3	0.1	26.9	19.2	80.
19.9	62.0	6186.0	438.0	-39.2	-53.3	252.4	20.9	19.9	5.3	296.2	296.4	0.1	20.6	19.8	80.
20.2	63.0	6280.3	432.0	-40.3	99.9	251.5	21.8	20.6	6.9	296.0	999.9	99.9	999.9	20.2	79.
20.7	64.0	6391.5	425.0	-40.9	99.9	250.1	23.1	21.7	7.9	296.7	999.9	99.9	999.9	20.8	79.
21.0	65.0	6504.3	418.0	-41.9	99.9	249.4	23.7	22.2	8.3	296.8	999.9	99.9	999.9	21.3	79.
21.4	66.0	6634.8	410.0	-43.0	99.9	248.6	23.9	22.2	8.7	297.0	999.9	99.9	999.9	21.8	79.
21.7	67.0	6734.0	404.0	-44.0	99.9	247.9	24.1	22.3	9.0	297.0	999.9	99.9	999.9	22.2	78.
22.1	68.0	6851.1	397.0	-45.0	99.9	247.1	24.4	22.5	9.5	297.1	999.9	99.9	999.9	22.8	78.
22.5	69.0	6952.6	391.0	-46.1	99.9	246.4	24.9	22.8	9.9	297.1	999.9	99.9	999.9	23.4	78.
22.8	70.0	7055.3	385.0	-46.8	99.9	246.6	25.2	23.1	10.0	257.4	999.9	99.9	999.9	23.8	78.
23.2	71.0	7194.2	377.0	-47.8	99.9	247.0	25.5	23.5	10.0	297.8	999.9	99.9	999.9	24.4	77.
23.6	72.0	7299.9	371.0	-48.6	99.9	247.9	25.5	23.6	9.6	298.2	999.9	99.9	999.9	25.0	77.
23.9	73.0	7406.9	365.0	-49.5	99.9	248.7	25.0	23.3	9.1	298.4	999.9	99.9	999.9	25.5	77.
24.3	74.0	7515.2	359.0	-50.6	99.9	249.8	24.0	22.5	8.3	298.4	999.9	99.9	999.9	26.1	77.
24.7	75.0	7624.9	353.0	-51.4	99.9	250.7	23.5	22.2	7.8	298.7	999.9	99.9	999.9	26.6	77.
25.0	76.0	7736.0	347.0	-52.6	99.9	251.2	23.6	22.3	7.6	298.5	999.9	99.9	999.9	27.0	77.
25.3	77.0	7848.4	341.0	-53.6	99.9	250.9	24.3	23.0	8.0	298.7	999.9	99.9	999.9	27.5	77.
25.7	78.0	7962.3	335.0	-54.6	99.9	250.2	25.1	23.6	8.5	298.8	999.9	99.9	999.9	28.1	76.
26.0	79.0	8058.4	330.0	-55.2	99.9	249.5	25.5	23.8	8.9	299.2	999.9	99.9	999.9	28.5	76.
26.3	80.0	8175.3	324.0	-55.9	99.9	249.0	25.2	23.5	9.0	299.9	999.9	99.9	999.9	29.0	76.
26.7	81.0	8293.9	318.0	-57.3	99.9	249.1	24.5	22.9	8.7	299.6	999.9	99.9	999.9	29.6	76.
27.0	82.0	8414.1	312.0	-58.0	99.9	249.7	23.9	22.4	8.3	300.2	999.9	99.9	999.9	30.0	76.
27.3	83.0	8515.9	307.0	-58.2	99.9	250.9	22.8	21.5	7.5	301.4	999.9	99.9	999.9	30.5	76.
27.7	84.0	8619.6	302.0	-57.1	99.9	251.8	21.3	20.2	6.7	304.3	999.9	99.9	999.9	31.0	76.
28.0	85.0	8746.6	296.0	-56.9	99.9	251.9	20.2	19.7	6.3	306.3	999.9	99.9	999.9	31.4	76.
28.4	86.0	8876.1	290.0	-57.5	99.9	249.5	19.7	18.4	6.9	307.3	999.9	99.9	999.9	31.7	76.
28.7	87.0	8986.0	285.0	-57.5	99.9	247.9	19.8	18.4	7.5	308.9	999.9	99.9	999.9	32.1	76.
29.1	88.0	9097.8	280.0	-57.5	99.9	246.4	20.6	18.9	8.2	310.4	999.9	99.9	999.9	32.7	75.
29.4	89.0	9211.6	275.0	-57.6	99.9	246.7	21.6	19.8	8.5	311.8	999.9	99.9	999.9	32.9	75.
29.7	90.0	9327.5	270.0	-57.6	99.9	247.3	22.7	20.9	8.7	313.4	999.9	99.9	999.9	33.3	75.
30.0	91.0	9446.0	265.0	-55.8	99.9	248.1	23.8	22.1	8.9	317.9	999.9	99.9	999.9	33.7	75.
30.3	92.0	9567.3	260.0	-55.6	99.9	247.9	24.2	22.5	9.1	319.8	999.9	99.9	999.9	34.3	75.
30.7	93.0	9691.0	255.0	-55.9	99.9	247.4	24.5	22.6	9.4	321.1	999.9	99.9	999.9	34.9	75.
31.0	94.0	9791.8	251.0	-54.9	99.9	246.9	24.6	22.6	9.7	324.1	999.9	99.9	999.9	35.2	75.
31.3	95.0	9920.6	246.0	-54.4	99.9	247.1	25.0	23.1	9.7	326.7	999.9	99.9	999.9	35.7	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
2315 GMT

144 54. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
31.7	96.0	10052.2	241.0	-54.1	99.9	247.9	25.6	23.7	9.6	329.1	999.9	99.9	999.9	36.3	75.
32.1	97.0	10186.8	236.0	-54.1	99.9	249.2	26.1	24.4	9.3	331.1	999.9	99.9	999.9	37.0	74.
32.5	98.0	10296.7	232.0	-53.1	99.9	250.7	26.7	25.2	3.8	334.2	999.9	99.9	999.9	37.6	74.
32.9	99.0	10408.9	228.0	-52.5	99.9	251.9	28.2	26.8	3.8	336.8	999.9	99.9	999.9	38.1	74.
33.2	100.0	10552.3	223.0	-52.5	99.9	252.7	29.2	27.9	8.7	339.0	999.9	99.9	999.9	38.7	74.
33.7	101.0	10698.9	218.0	-52.2	99.9	254.1	30.2	29.0	8.3	341.7	999.9	99.9	999.9	39.7	74.
34.0	102.0	10818.8	214.0	-52.2	99.9	255.0	30.2	29.2	7.8	343.5	999.9	99.9	999.9	40.1	74.
34.3	103.0	10941.1	210.0	-51.7	99.9	255.0	28.9	27.9	7.5	346.1	999.9	99.9	999.9	40.7	74.
34.6	104.0	11097.4	205.0	-51.8	99.9	254.6	27.5	26.5	7.3	348.2	999.9	99.9	999.9	41.3	74.
34.9	105.0	11225.2	201.0	-51.7	99.9	253.6	25.7	24.6	7.2	350.5	999.9	99.9	999.9	41.8	74.
35.3	106.0	11322.6	198.0	-52.0	99.9	252.4	24.8	23.6	7.5	351.5	999.9	99.9	999.9	42.3	74.
35.7	107.0	11454.9	194.0	-51.8	99.9	251.7	25.4	24.1	8.0	353.8	999.9	99.9	999.9	42.8	74.
36.0	108.0	11589.9	190.0	-52.0	99.9	251.7	26.6	25.2	8.3	355.6	999.9	99.9	999.9	43.2	74.
36.4	109.0	11727.7	186.0	-52.0	99.9	252.3	27.1	25.8	8.2	357.8	999.9	99.9	999.9	44.1	74.
36.7	110.0	11868.5	182.0	-52.2	99.9	252.8	27.0	25.8	8.0	359.8	999.9	99.9	999.9	44.6	74.
37.1	111.0	12012.3	178.0	-52.5	99.9	253.5	26.9	25.8	7.6	361.5	999.9	99.9	999.9	45.1	74.
37.6	112.0	12159.0	174.0	-53.0	99.9	254.0	27.6	26.5	7.6	363.1	999.9	99.9	999.9	45.8	74.
37.9	113.0	12309.0	170.0	-53.0	99.9	254.0	27.7	26.6	7.6	365.5	999.9	99.9	999.9	46.5	74.
38.2	114.0	12424.0	167.0	-52.6	99.9	253.6	27.0	25.9	7.6	367.9	999.9	99.9	999.9	47.0	74.
38.6	115.0	12580.3	163.0	-53.3	99.9	252.7	25.9	24.7	7.7	369.4	999.9	99.9	999.9	47.6	74.
39.1	116.0	12740.3	159.0	-53.4	99.9	250.9	25.7	24.3	8.4	371.8	999.9	99.9	999.9	48.3	74.
39.4	117.0	12904.0	155.0	-54.1	99.9	250.3	26.7	25.1	9.0	373.4	999.9	99.9	999.9	48.8	74.
39.8	118.0	13029.3	152.0	-54.6	99.9	250.3	27.9	26.3	9.4	374.6	999.9	99.9	999.9	49.4	74.
40.1	119.0	13156.8	149.0	-54.9	99.9	250.5	28.4	26.8	9.5	376.2	999.9	99.9	999.9	49.9	74.
40.5	120.0	13330.7	145.0	-55.1	99.9	251.0	27.8	26.2	9.1	378.8	999.9	99.9	999.9	50.8	74.
40.9	121.0	13464.0	142.0	-55.8	99.9	251.7	26.4	25.1	8.3	379.9	999.9	99.9	999.9	51.3	74.
41.3	122.0	13600.1	139.0	-55.6	99.9	253.1	26.1	25.0	7.6	382.6	999.9	99.9	999.9	51.9	74.
41.7	123.0	13739.0	136.0	-55.9	99.9	254.9	26.3	25.4	6.8	384.4	999.9	99.9	999.9	52.5	74.
42.0	124.0	13928.8	132.0	-56.3	99.9	256.3	26.5	25.6	6.3	387.1	999.9	99.9	999.9	53.1	74.
42.4	125.0	14074.9	129.0	-56.1	99.9	258.1	25.9	25.4	5.3	389.9	999.9	99.9	999.9	53.7	74.
42.9	126.0	14275.3	125.0	-55.9	99.9	260.6	25.9	25.6	4.2	393.8	999.9	99.9	999.9	54.4	74.
43.3	127.0	14430.4	122.0	-54.3	99.9	262.3	26.7	26.4	3.6	399.5	999.9	99.9	999.9	55.0	74.
43.8	128.0	14590.3	119.0	-53.6	99.9	263.3	26.9	26.7	3.1	403.6	999.9	99.9	999.9	55.9	74.
44.3	129.0	14754.4	116.0	-53.9	99.9	264.1	24.5	24.3	2.5	406.0	999.9	99.9	999.9	56.7	74.
44.7	130.0	14922.5	113.0	-54.3	99.9	265.7	21.6	21.6	1.6	408.4	999.9	99.9	999.9	57.3	74.
45.2	131.0	15095.0	110.0	-54.4	99.9	269.1	19.8	19.8	0.3	411.2	999.9	99.9	999.9	57.8	75.
45.8	132.0	15272.0	107.0	-54.7	99.9	270.7	21.2	21.2	-0.2	413.9	999.9	99.9	999.9	58.4	75.
46.1	133.0	15453.7	104.0	-55.2	99.9	269.8	21.8	21.8	0.1	416.3	999.9	99.9	999.9	58.8	75.
46.6	134.0	15640.5	101.0	-55.4	99.9	266.4	20.7	20.7	1.3	419.5	999.9	99.9	999.9	59.6	75.
47.0	135.0	15832.6	98.0	-55.8	99.9	262.3	19.0	18.8	2.6	422.5	999.9	99.9	999.9	59.9	75.
47.7	136.0	16030.5	95.0	-56.1	99.9	258.4	19.0	18.7	3.8	425.6	999.9	99.9	999.9	60.7	75.
48.4	137.0	16304.0	91.0	-56.1	99.9	260.8	22.4	22.2	3.6	430.8	999.9	99.9	999.9	61.4	75.
48.9	138.0	16516.9	88.0	-56.6	99.9	262.1	24.0	23.8	3.3	434.0	999.9	99.9	999.9	62.4	75.
49.7	139.0	16736.4	85.0	-57.5	99.9	263.5	21.9	21.8	2.5	436.5	999.9	99.9	999.9	63.4	75.
50.3	140.0	16963.3	82.0	-57.6	99.9	264.9	21.0	20.9	1.9	440.7	999.9	99.9	999.9	64.2	76.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

6 FEBRUARY 1975  
2315 GMT

144 54. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
51.1	141.0	17278.5	78.0	-58.3	99.9	263.5	22.6	22.5	2.6	445.6	999.9	99.9	999.9	65.0	76.
51.7	142.0	17525.4	75.0	-58.2	99.9	262.3	22.7	22.5	3.0	451.0	999.9	99.9	999.9	66.1	76.
52.5	143.0	17782.3	72.0	-58.5	99.9	263.0	20.7	20.6	2.5	455.5	999.9	99.9	999.9	67.2	76.
53.2	144.0	18049.9	69.0	-58.5	99.9	259.9	20.9	20.6	3.7	461.1	999.9	99.9	999.9	67.8	76.
53.9	145.0	18329.2	66.0	-58.7	99.9	258.1	23.3	22.8	4.8	466.6	999.9	99.9	999.9	68.8	76.
54.8	146.0	18621.4	63.0	-58.7	99.9	263.4	22.1	22.0	2.5	472.9	999.9	99.9	999.9	70.2	76.
55.7	147.0	18926.9	60.0	-60.1	99.9	270.4	17.0	17.0	-0.1	476.3	999.9	99.9	999.9	71.0	76.
56.6	148.0	19245.5	57.0	-62.0	99.9	999.9	99.9	99.9	99.9	479.1	999.9	99.9	999.9	999.9	999.
57.5	149.0	19579.5	54.0	-62.6	99.9	999.9	99.9	99.9	99.9	485.2	999.9	99.9	999.9	999.9	999.

STATION NO. 637  
FLINT, MICH

7 FEBRUARY 1975  
615 GMT

139 65. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	236.0	983.4	-8.9	-12.2	290.0	7.2	6.8	-2.5	265.7	269.7	1.5	77.0	0.0	0.
0.2	6.0	254.9	981.0	-9.5	-14.7	294.2	13.2	12.0	-5.4	265.3	268.5	1.2	65.6	0.2	105.
0.4	7.0	342.0	970.0	-10.2	-12.9	294.2	13.2	12.0	-5.4	265.4	269.2	1.5	80.2	0.2	105.
0.6	8.0	437.8	958.0	-11.1	-12.3	295.7	13.1	11.9	-5.7	265.5	269.4	1.5	88.5	0.3	107.
0.9	9.0	526.4	947.0	-11.6	-12.8	300.1	13.2	11.4	-6.6	265.8	269.7	1.5	90.5	0.6	110.
1.3	10.0	624.1	935.0	-11.9	-14.4	306.2	13.3	10.7	-7.8	266.5	270.0	1.3	81.7	0.9	116.
1.6	11.0	739.5	921.0	-12.6	-16.2	309.4	13.1	10.2	-8.3	266.9	270.0	1.2	74.3	1.1	119.
1.9	12.0	831.1	910.0	-13.7	-15.7	310.0	12.4	9.5	-7.9	266.7	269.9	1.2	84.9	1.3	120.
2.2	13.0	923.4	899.0	-14.4	-15.7	311.1	11.8	8.9	-7.7	266.9	270.2	1.2	89.7	1.5	122.
2.5	14.0	1016.6	888.0	-15.3	-16.3	312.5	11.3	8.3	-7.6	266.9	270.0	1.2	89.1	1.7	123.
2.7	15.0	1110.7	877.0	-16.1	-17.5	313.6	11.4	8.3	-7.9	267.0	269.9	1.1	88.4	1.9	124.
3.2	16.0	1223.0	864.0	-17.2	-18.8	316.2	11.1	7.7	-3.0	267.0	269.7	1.0	87.4	2.2	125.
3.4	17.0	1319.0	853.0	-17.9	-18.9	317.3	10.5	7.1	-7.7	267.3	270.0	1.0	91.3	2.4	126.
3.7	18.0	1415.9	842.0	-18.8	-19.1	316.8	10.1	6.9	-7.4	267.3	269.9	1.0	97.6	2.5	127.
4.0	19.0	1513.8	831.0	-19.8	-19.8	315.1	9.9	7.0	-7.0	267.3	269.8	1.0	102.1	2.7	128.
4.3	20.0	1612.6	820.0	-20.6	-24.7	305.0	10.3	8.5	-5.9	267.4	269.1	0.6	69.3	2.9	128.
4.6	21.0	1731.0	807.0	-20.0	-28.2	296.6	10.9	9.7	-4.9	269.2	270.5	0.5	47.8	3.1	128.
4.9	22.0	1823.3	797.0	-20.6	-30.0	290.0	11.3	10.6	-3.9	269.5	270.7	0.4	42.3	3.3	126.
5.2	23.0	1916.8	787.0	-20.0	-33.0	288.2	11.9	11.3	-3.7	271.1	272.0	0.3	30.1	3.5	125.
5.5	24.0	2011.7	777.0	-19.8	-32.8	288.6	12.6	11.9	-4.0	272.4	273.3	0.3	30.1	3.7	124.
5.8	25.0	2108.0	767.0	-19.1	-32.3	286.2	13.4	12.8	-3.7	274.1	275.1	0.3	29.8	3.9	123.
6.2	26.0	2225.6	755.0	-18.3	-32.1	282.2	13.6	13.3	-2.9	276.2	277.2	0.3	28.4	4.2	122.
6.4	27.0	2325.2	745.0	-18.1	-31.8	279.5	13.3	13.1	-2.2	277.4	278.5	0.4	28.7	4.4	121.
6.7	28.0	2426.1	735.0	-18.1	-32.0	275.6	13.1	13.1	-1.3	278.5	279.6	0.4	28.4	4.6	120.
7.1	29.0	2528.5	725.0	-17.9	-31.7	270.5	13.3	13.3	-0.1	279.9	281.0	0.4	28.4	4.8	118.
7.4	30.0	2632.4	715.0	-17.9	-31.7	266.8	13.6	13.5	0.8	281.0	282.1	0.4	28.4	5.1	117.
7.7	31.0	2727.1	706.0	-18.0	-31.9	263.1	13.9	13.8	1.7	281.9	283.0	0.4	28.4	5.3	116.
8.1	32.0	2833.6	696.0	-18.5	-32.3	258.6	14.4	14.1	2.8	282.4	283.5	0.4	28.4	5.6	114.
8.4	33.0	2941.5	686.0	-19.1	-31.6	255.8	15.0	14.5	3.7	283.0	284.2	0.4	32.0	5.8	112.
8.7	34.0	3039.7	677.0	-19.5	-26.9	254.2	15.6	15.0	4.3	283.6	285.5	0.6	51.5	6.0	110.
9.0	35.0	3139.0	668.0	-20.3	-26.3	253.2	16.3	15.6	4.7	283.8	285.8	0.7	58.4	6.2	109.
9.4	36.0	3273.4	656.0	-20.2	-25.1	253.6	17.2	16.5	4.9	285.5	287.7	0.8	64.7	6.5	107.
9.7	37.0	3375.7	647.0	-20.6	-25.3	254.2	18.0	17.3	4.9	286.1	288.4	0.8	65.8	6.8	105.
10.1	38.0	3479.3	638.0	-21.0	-25.7	255.1	18.9	18.3	4.9	286.8	289.0	0.7	65.3	7.2	103.
10.4	39.0	3584.1	629.0	-21.9	-26.5	255.9	19.5	18.9	4.8	286.9	289.0	0.7	66.3	7.5	102.
10.6	40.0	3690.1	620.0	-22.3	-26.3	256.3	19.8	19.2	4.7	287.6	289.8	0.7	69.6	7.7	101.
11.1	41.0	3821.4	609.0	-23.3	-26.8	257.4	19.9	19.4	4.3	288.0	290.1	0.7	72.8	8.3	100.
11.4	42.0	3930.3	600.0	-24.1	-26.9	258.0	19.6	19.1	4.1	288.3	290.4	0.7	77.0	8.6	99.
11.7	43.0	4028.1	592.0	-24.6	-27.5	259.1	19.1	18.8	3.6	288.8	290.8	0.7	76.9	9.0	98.
12.1	44.0	4139.5	583.0	-25.5	-28.1	261.4	18.6	18.4	2.8	289.0	290.9	0.6	78.9	9.4	97.
12.5	45.0	4239.6	575.0	-26.1	-29.5	264.9	18.5	18.4	1.7	289.5	291.2	0.6	72.6	9.8	96.
12.8	46.0	4353.7	566.0	-26.7	-30.8	267.0	18.6	18.6	1.0	290.0	291.6	0.5	68.3	10.1	96.
13.2	47.0	4456.4	558.0	-27.3	-30.8	268.6	18.6	18.6	0.4	290.6	292.2	0.5	71.6	10.6	96.
13.5	48.0	4560.2	550.0	-28.2	-31.4	269.0	18.5	18.5	0.3	290.6	292.2	0.5	73.4	10.9	96.
13.8	49.0	4678.5	541.0	-28.6	-33.1	268.2	18.1	18.1	0.6	291.5	292.9	0.4	65.0	11.3	95.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

7 FEBRUARY 1975  
615 GMT

139 65. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.1	50.0	4785.0	533.0	-29.9	-34.5	267.1	17.8	17.8	0.9	291.2	292.4	0.4	64.2	11.6	95.
14.6	51.0	4919.7	523.0	-30.9	-35.5	264.3	17.4	17.3	1.7	291.6	292.7	0.4	63.6	12.1	95.
14.9	52.0	5029.0	515.0	-31.3	-35.1	262.0	17.2	17.1	2.4	292.4	293.6	0.4	68.6	12.4	95.
15.3	53.0	5139.7	507.0	-32.5	-36.5	258.5	16.7	16.6	3.4	292.3	293.3	0.3	66.9	12.8	94.
15.6	54.0	5251.7	499.0	-33.0	-36.7	256.0	16.7	16.2	4.0	293.0	294.0	0.3	69.0	13.1	94.
15.9	55.0	5365.1	491.0	-34.2	-37.7	254.1	16.5	15.9	4.5	292.8	293.8	0.3	70.7	13.4	93.
16.3	56.0	5494.3	482.0	-35.3	-38.5	253.0	16.4	15.7	4.8	293.0	293.9	0.3	72.2	13.7	93.
16.7	57.0	5596.1	475.0	-35.8	-39.3	253.1	16.6	15.9	4.8	293.6	294.4	0.3	69.9	14.1	92.
17.1	58.0	5713.9	467.0	-36.8	-41.2	254.1	17.1	16.5	4.7	293.8	294.5	0.2	63.4	14.5	92.
17.5	59.0	5818.3	460.0	-37.9	-42.5	255.6	17.8	17.2	4.4	293.7	294.4	0.2	61.6	14.9	91.
17.9	60.0	5938.9	452.0	-39.0	-43.7	257.1	18.3	17.8	4.1	293.8	294.4	0.2	60.8	15.3	91.
18.3	61.0	6045.9	445.0	-39.4	-44.3	257.3	18.7	18.3	4.1	294.6	295.2	0.2	59.5	15.7	90.
18.6	62.0	6169.7	437.0	-40.7	99.9	256.8	19.1	18.5	4.3	294.6	999.9	99.9	999.9	16.0	90.
19.0	63.0	6279.5	430.0	-41.4	99.9	255.4	19.6	19.0	4.9	295.1	999.9	99.9	999.9	16.5	90.
19.4	64.0	6390.8	423.0	-42.2	99.9	254.6	20.3	19.6	5.4	295.4	999.9	99.9	999.9	17.0	89.
19.9	65.0	6503.4	416.0	-43.1	99.9	254.4	21.2	20.4	5.7	295.7	999.9	99.9	999.9	17.6	89.
20.5	66.0	6634.1	408.0	-43.8	99.9	254.6	21.9	21.1	5.8	296.4	999.9	99.9	999.9	18.4	88.
20.8	67.0	6750.1	401.0	-44.9	99.9	254.9	22.4	21.6	5.8	296.4	999.9	99.9	999.9	18.7	88.
21.3	68.0	6867.5	394.0	-46.0	99.9	255.5	23.3	22.6	5.9	296.5	999.9	99.9	999.9	19.3	87.
21.7	69.0	6969.5	388.0	-46.6	99.9	255.6	23.7	22.9	5.9	297.1	999.9	99.9	999.9	19.9	87.
22.1	70.0	7107.6	380.0	-47.3	99.9	255.2	23.4	22.7	6.0	297.9	999.9	99.9	999.9	20.6	87.
22.6	71.0	7230.3	373.0	-48.2	99.9	254.3	22.5	21.6	6.1	298.3	999.9	99.9	999.9	21.2	86.
23.1	72.0	7354.9	366.0	-49.1	99.9	253.3	21.9	21.0	6.3	298.7	999.9	99.9	999.9	21.8	86.
23.5	73.0	7463.3	360.0	-49.6	99.9	252.6	21.8	20.8	6.5	299.5	999.9	99.9	999.9	22.4	86.
24.0	74.0	7573.0	354.0	-50.8	99.9	252.2	21.4	20.4	6.5	299.2	999.9	99.9	999.9	23.0	85.
24.5	75.0	7703.0	347.0	-51.3	99.9	252.4	20.8	19.8	6.3	300.3	999.9	99.9	999.9	23.6	85.
25.0	76.0	7816.0	341.0	-52.4	99.9	252.5	20.3	19.3	6.1	300.3	999.9	99.9	999.9	24.2	85.
25.5	77.0	7930.7	335.0	-53.0	99.9	252.1	20.0	19.0	6.2	301.0	999.9	99.9	999.9	24.8	84.
26.0	78.0	8046.8	329.0	-54.3	99.9	250.8	18.1	17.1	5.9	300.7	999.9	99.9	999.9	25.3	84.
26.4	79.0	8164.8	323.0	-54.5	99.9	245.4	12.5	11.4	5.2	302.1	999.9	99.9	999.9	25.8	84.
26.8	80.0	8284.6	317.0	-55.5	99.9	232.3	7.2	5.7	4.4	302.3	999.9	99.9	999.9	26.3	84.
27.3	81.0	8426.6	310.0	-56.3	99.9	240.7	9.1	7.9	4.4	303.1	999.9	99.9	999.9	25.9	83.
27.8	82.0	7237.1	374.0	-57.2	99.9	256.3	24.2	23.5	5.8	286.1	999.9	99.9	999.9	25.7	83.
28.2	83.0	8672.3	298.0	-57.7	99.9	259.3	35.7	35.0	6.6	304.6	999.9	99.9	999.9	26.9	83.
28.7	84.0	8779.0	293.0	-57.9	99.9	259.9	37.0	36.5	6.5	305.8	999.9	99.9	999.9	28.9	83.
29.1	85.0	8909.3	287.0	-58.4	99.9	258.8	30.0	29.4	5.8	306.8	999.9	99.9	999.9	29.4	83.
29.8	86.0	9065.1	280.0	-57.0	99.9	256.6	22.3	21.7	5.1	311.0	999.9	99.9	999.9	30.2	83.
30.3	87.0	9179.4	275.0	-56.0	99.9	258.4	22.3	21.9	4.5	314.1	999.9	99.9	999.9	30.9	82.
30.9	88.0	9296.0	270.0	-56.3	99.9	261.0	23.4	23.1	3.6	315.3	999.9	99.9	999.9	31.7	82.
31.4	89.0	9438.8	264.0	-56.2	99.9	260.7	23.8	23.5	3.8	317.6	999.9	99.9	999.9	32.5	82.
32.0	90.0	9560.4	259.0	-55.8	99.9	259.0	24.3	23.9	4.6	319.8	999.9	99.9	999.9	33.2	82.
32.4	91.0	9685.0	254.0	-54.2	99.9	259.5	25.4	25.0	4.6	324.1	999.9	99.9	999.9	33.8	82.
33.0	92.0	9813.0	249.0	-52.4	99.9	261.5	26.9	26.6	4.0	328.6	999.9	99.9	999.9	34.8	82.
33.7	93.0	9944.4	244.0	-51.6	99.9	263.2	25.4	25.2	3.0	331.7	999.9	99.9	999.9	36.0	82.
34.4	94.0	10079.1	239.0	-50.5	99.9	263.3	22.8	22.6	2.7	335.3	999.9	99.9	999.9	37.0	82.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

7 FEBRUARY 1975  
615 GMT

139 65. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.0	95.0	10189.3	235.0	-50.2	99.9	261.2	22.8	22.5	3.5	337.4	999.9	99.9	999.9	37.7	82.
35.7	96.0	10357.9	229.0	-51.0	99.9	258.3	25.2	24.7	5.1	338.7	999.9	99.9	999.9	38.7	82.
36.2	97.0	10501.5	224.0	-51.1	99.9	257.8	26.6	26.0	5.7	340.6	999.9	99.9	999.9	39.5	82.
36.7	98.0	10648.3	219.0	-51.1	99.9	258.3	27.5	26.9	5.6	342.8	999.9	99.9	999.9	40.3	82.
37.3	99.0	10768.2	215.0	-51.1	99.9	258.5	27.3	26.8	5.4	344.6	999.9	99.9	999.9	41.4	82.
38.0	100.0	10921.3	210.0	-51.0	99.9	257.2	24.9	24.3	5.5	347.2	999.9	99.9	999.9	42.5	82.
38.9	101.0	11078.1	205.0	-51.1	99.9	258.4	24.0	23.5	5.8	349.4	999.9	99.9	999.9	43.7	82.
39.6	102.0	11239.1	200.0	-49.9	99.9	260.8	24.1	23.8	3.9	353.8	999.9	99.9	999.9	44.8	82.
40.4	103.0	11371.4	196.0	-49.3	99.9	261.3	24.0	23.7	3.6	356.8	999.9	99.9	999.9	45.9	82.
41.0	104.0	11506.7	192.0	-49.1	99.9	259.2	24.1	23.6	4.5	359.2	999.9	99.9	999.9	46.8	82.
41.5	105.0	11644.8	188.0	-49.3	99.9	255.0	24.2	23.4	6.3	361.1	999.9	99.9	999.9	47.4	82.
42.0	106.0	11785.6	184.0	-50.0	99.9	250.6	24.4	23.0	8.1	362.1	999.9	99.9	999.9	48.3	81.
42.6	107.0	11928.9	180.0	-51.1	99.9	248.7	25.6	23.8	9.3	362.6	999.9	99.9	999.9	49.0	81.
43.3	108.0	12074.8	176.0	-51.9	99.9	250.0	28.4	26.7	9.7	363.6	999.9	99.9	999.9	50.2	81.
43.9	109.0	12223.5	172.0	-52.5	99.9	253.2	31.1	29.8	9.0	365.0	999.9	99.9	999.9	51.2	81.
44.6	110.0	12375.6	168.0	-52.5	99.9	259.0	33.5	32.9	6.4	367.4	999.9	99.9	999.9	52.5	81.
45.5	111.0	12571.0	163.0	-52.1	99.9	266.6	29.4	29.3	1.8	371.4	999.9	99.9	999.9	54.5	81.
46.2	112.0	12691.3	160.0	-52.1	99.9	269.3	28.9	28.9	0.4	373.4	999.9	99.9	999.9	55.5	81.
46.9	113.0	12855.1	156.0	-52.5	99.9	267.9	32.9	32.8	1.2	375.3	999.9	99.9	999.9	56.9	81.
47.7	114.0	13023.0	152.0	-52.4	99.9	267.0	31.1	31.1	1.6	378.4	999.9	99.9	999.9	58.4	81.
48.5	115.0	13151.9	149.0	-52.4	99.9	265.1	26.4	26.3	2.3	380.6	999.9	99.9	999.9	59.8	81.
49.6	116.0	13327.8	145.0	-52.7	99.9	261.6	22.7	22.4	3.3	383.0	999.9	99.9	999.9	61.2	81.
50.5	117.0	13507.9	141.0	-54.0	99.9	261.7	25.3	25.1	3.7	383.8	999.9	99.9	999.9	62.5	81.
51.3	118.0	13645.9	138.0	-54.2	99.9	263.5	26.4	26.2	3.0	385.8	999.9	99.9	999.9	64.0	81.
52.0	119.0	13786.7	135.0	-54.5	99.9	264.0	26.8	26.7	2.8	387.7	999.9	99.9	999.9	64.8	81.
52.9	120.0	13930.5	132.0	-54.8	99.9	262.8	32.4	32.1	4.1	389.6	999.9	99.9	999.9	66.5	81.
53.8	121.0	14127.3	128.0	-54.8	99.9	263.2	27.8	27.6	3.3	393.0	999.9	99.9	999.9	68.5	82.
54.7	122.0	14279.2	125.0	-54.2	99.9	259.2	21.9	21.5	4.1	396.9	999.9	99.9	999.9	69.5	82.
55.5	123.0	14435.0	122.0	-54.2	99.9	258.0	23.2	22.7	4.8	399.7	999.9	99.9	999.9	70.8	81.
56.3	124.0	14594.7	119.0	-54.2	99.9	255.6	24.8	24.0	6.2	402.5	999.9	99.9	999.9	71.6	81.
57.0	125.0	14758.4	116.0	-54.3	99.9	256.0	28.3	27.4	6.9	405.2	999.9	99.9	999.9	73.1	81.
58.1	126.0	14983.0	112.0	-55.0	99.9	260.3	30.2	29.8	5.1	408.0	999.9	99.9	999.9	74.9	81.
59.0	127.0	15156.7	109.0	-54.5	99.9	264.7	23.3	23.2	2.1	412.2	999.9	99.9	999.9	76.3	81.
60.0	128.0	15335.5	106.0	-54.3	99.9	265.3	24.7	24.7	2.0	415.8	999.9	99.9	999.9	77.9	81.
60.8	129.0	15457.6	104.0	-54.3	99.9	267.2	22.1	22.1	1.1	418.0	999.9	99.9	999.9	79.0	81.
61.6	130.0	15644.5	101.0	-56.0	99.9	267.4	22.1	22.1	1.0	418.3	999.9	99.9	999.9	79.6	81.
62.5	131.0	15835.9	98.0	-56.9	99.9	265.7	22.3	22.3	1.7	420.3	999.9	99.9	999.9	81.2	82.
63.3	132.0	16032.5	95.0	-57.6	99.9	261.3	22.6	22.3	3.4	422.7	999.9	99.9	999.9	82.1	82.
64.3	133.0	16166.9	93.0	-57.7	99.9	257.0	19.4	18.9	4.3	424.9	999.9	99.9	999.9	83.6	82.
65.5	134.0	16373.8	90.0	-57.7	99.9	263.1	22.7	22.5	2.7	428.9	999.9	99.9	999.9	84.6	81.
66.4	135.0	16515.6	88.0	-57.7	99.9	266.9	23.9	23.9	1.3	431.7	999.9	99.9	999.9	86.2	82.
67.2	136.0	16734.3	85.0	-57.9	99.9	266.1	27.3	27.2	1.8	435.6	999.9	99.9	999.9	87.2	82.
68.1	137.0	16960.4	82.0	-58.8	99.9	263.1	26.9	26.7	3.2	438.3	999.9	99.9	999.9	89.2	82.
69.6	138.0	17194.3	79.0	-59.0	99.9	263.8	35.4*	35.2	3.8	442.7	999.9	99.9	999.9	91.4	82.
72.0	139.0	17438.0	76.0	-57.6	99.9	277.3	17.8*	17.7	2.3	450.6	999.9	99.9	999.9	95.2	82.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 637  
FLINT, MICH

7 FEBRUARY 1975  
615 GMT

139 65. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
73.1	140.0	17606.3	74.0	-57.9	99.9	282.1	16.5*	16.1	-3.4	453.3	999.9	99.9	999.9	96.1	82.
74.3	141.0	17866.5	71.0	-59.2	99.9	273.3	22.0*	22.0	-1.3	456.0	999.9	99.9	999.9	97.7	82.
76.4	142.0	18045.4	69.0	-59.5	99.9	262.9	45.0*	44.7	5.6	459.0	999.9	99.9	999.9	102.1	83.
78.6	143.0	18419.3	65.0	-59.3	99.9	999.9	99.9	99.9	59.9	467.3	999.9	99.9	999.9	999.9	999.

STATION NO. 637  
FLINT, MICH

7 FEBRUARY 1975  
1115 GMT

160 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	236.0	985.8	-13.3	-20.0	260.0	2.6	2.6	0.5	261.0	263.1	0.8	57.0	0.0	0.
0.3	6.0	273.2	981.0	-13.0	-15.6	293.7	11.8	10.8	-4.8	261.7	264.7	1.2	81.2	0.2	97.
0.6	7.0	367.2	969.0	-12.3	-13.3	294.2	11.8	10.7	-4.8	263.4	267.0	1.4	92.1	0.3	102.
0.9	8.0	454.5	958.0	-12.3	-14.1	295.8	11.6	10.4	-5.0	264.2	267.7	1.3	96.8	0.5	107.
1.2	9.0	542.6	947.0	-13.0	-15.7	296.7	11.3	10.1	-5.1	264.3	267.4	1.2	80.2	0.7	110.
1.5	10.0	631.5	936.0	-14.0	-16.2	297.2	11.0	9.8	-5.0	264.2	267.2	1.1	83.3	0.9	112.
1.9	11.0	745.8	922.0	-14.8	-16.5	295.4	10.7	9.6	-4.6	264.5	267.5	1.1	86.3	1.1	113.
2.2	12.0	836.6	911.0	-15.3	-17.5	293.2	10.8	9.9	-4.2	265.0	267.8	1.1	83.1	1.3	113.
2.6	13.0	929.3	900.0	-16.2	-18.4	289.8	11.2	10.6	-3.8	264.9	267.5	1.0	82.9	1.6	113.
2.9	14.0	1012.3	890.0	-17.1	-19.0	287.7	11.7	11.2	-3.6	264.9	267.4	0.9	84.4	1.8	112.
3.2	15.0	1105.5	879.0	-17.7	-19.5	285.4	12.1	11.7	-3.2	265.1	267.6	0.9	85.7	2.0	112.
3.6	16.0	1216.8	866.0	-18.7	-20.3	282.3	12.3	12.0	-2.6	265.3	267.6	0.9	86.9	2.3	111.
3.9	17.0	1312.0	855.0	-19.2	-20.5	279.8	11.9	11.7	-2.0	265.7	268.0	0.9	89.6	2.5	110.
4.2	18.0	1408.3	844.0	-19.9	-21.1	280.4	12.0	11.8	-2.2	265.9	268.2	0.8	90.1	2.7	109.
4.6	19.0	1496.7	834.0	-20.2	-23.3	283.4	12.3	12.0	-2.8	266.5	268.4	0.7	75.8	3.0	108.
4.8	20.0	1586.1	824.0	-19.9	-25.3	285.4	12.3	11.9	-3.3	267.7	269.4	0.6	61.8	3.2	108.
5.3	21.0	1704.1	811.0	-19.9	-30.5	291.8	12.2	11.3	-4.5	268.9	270.0	0.4	37.8	3.5	108.
5.7	22.0	1796.1	801.0	-20.6	-31.5	296.7	12.0	10.7	-5.4	269.2	270.1	0.3	36.6	3.8	109.
5.9	23.0	1889.2	791.0	-19.5	-34.4	298.8	12.0	10.5	-5.8	271.3	272.0	0.3	25.2	4.0	109.
6.3	24.0	1993.4	780.0	-19.2	-34.2	297.6	12.3	10.9	-5.7	272.6	273.4	0.3	25.1	4.2	110.
6.7	25.0	2089.2	770.0	-19.9	-35.2	294.8	12.8	11.6	-5.4	272.9	273.7	0.2	24.0	4.5	110.
7.0	26.0	2205.7	758.0	-20.0	-35.6	292.7	13.2	12.2	-5.1	274.0	274.7	0.2	23.2	4.8	110.
7.3	27.0	2294.2	749.0	-20.3	-35.9	293.5	13.7	12.6	-5.5	274.6	275.4	0.2	23.2	5.0	110.
7.7	28.0	2393.7	739.0	-20.6	-36.1	293.9	14.4	13.2	-5.8	275.4	276.1	0.2	23.3	5.3	111.
8.0	29.0	2484.4	730.0	-20.8	-36.3	293.8	14.9	13.6	-6.0	276.1	276.8	0.2	23.3	5.6	111.
8.3	30.0	2586.3	720.0	-21.0	-36.4	293.3	15.2	13.9	-6.0	277.0	277.7	0.2	23.3	5.9	111.
8.7	31.0	2689.5	710.0	-21.5	-37.0	292.4	15.6	14.4	-5.9	277.5	278.2	0.2	22.9	6.3	111.
9.0	32.0	2783.5	701.0	-21.5	-37.2	291.6	15.9	14.8	-5.9	278.6	279.2	0.2	22.5	6.5	111.
9.3	33.0	2878.8	692.0	-21.4	-37.3	290.9	16.4	15.3	-5.8	279.7	280.4	0.2	22.1	6.8	111.
9.7	34.0	2986.2	682.0	-21.1	-37.3	290.4	16.8	15.8	-5.8	281.2	281.9	0.2	21.7	7.2	111.
9.9	35.0	3084.4	673.0	-20.8	-37.2	290.3	17.0	15.9	-5.9	282.6	283.3	0.2	21.2	7.5	111.
10.4	36.0	3206.1	662.0	-21.0	-37.5	290.7	17.1	16.0	-5.1	283.8	284.5	0.2	20.8	7.9	111.
10.7	37.0	3307.2	653.0	-21.2	-37.8	291.4	17.2	16.0	-5.3	284.6	285.3	0.2	20.8	8.2	111.
11.0	38.0	3409.7	644.0	-21.1	-37.6	292.2	17.3	16.0	-6.5	285.8	286.6	0.2	20.8	8.6	111.
11.4	39.0	3501.9	636.0	-21.4	-38.1	293.7	17.4	15.9	-7.0	286.6	287.3	0.2	20.4	9.0	111.
11.8	40.0	3607.1	627.0	-21.2	-37.8	294.9	17.5	15.9	-7.4	287.9	288.6	0.2	20.8	9.4	111.
12.1	41.0	3737.5	616.0	-21.9	-37.9	295.3	17.7	16.0	-7.5	288.6	289.3	0.2	21.7	9.7	111.
12.5	42.0	3833.6	608.0	-22.4	-38.5	295.0	17.8	16.1	-7.5	289.0	289.7	0.2	21.3	10.1	112.
12.8	43.0	3943.0	599.0	-23.2	-38.7	294.1	17.8	16.2	-7.3	289.3	290.1	0.2	22.6	10.5	112.
13.1	44.0	4041.2	591.0	-24.0	-39.0	292.9	17.7	16.3	-6.9	289.5	290.2	0.2	23.5	10.8	112.
13.3	45.0	4153.0	582.0	-24.8	-39.7	291.9	17.5	16.2	-6.5	289.9	290.5	0.2	23.5	11.0	112.
13.8	46.0	4253.5	574.0	-25.9	-40.2	289.1	17.1	16.2	-5.6	289.8	290.4	0.2	24.4	11.5	112.
14.1	47.0	4355.0	566.0	-26.7	-40.9	287.5	17.0	16.2	-5.1	290.0	290.6	0.2	24.4	11.8	112.
14.4	48.0	4457.6	558.0	-27.5	-40.8	286.4	17.2	16.5	-4.9	290.3	290.9	0.2	26.7	12.1	111.
14.8	49.0	4561.3	550.0	-28.4	-41.3	285.9	17.5	16.9	-4.8	290.4	291.0	0.2	27.4	12.5	111.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

7 FEBRUARY 1975  
1115 GMT

160 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.0	50.0	4666.3	542.0	-28.9	-41.6	285.8	17.7	17.0	-4.8	291.0	291.5	0.2	28.1	12.7	111.
15.4	51.0	4799.3	532.0	-29.9	-42.1	285.7	17.6	17.0	-4.8	291.4	292.0	0.2	29.1	13.2	111.
15.8	52.0	4907.1	524.0	-30.7	-42.5	285.8	17.4	16.7	-4.7	291.7	292.3	0.2	30.0	13.6	111.
16.1	53.0	5002.4	517.0	-31.6	-43.1	286.0	17.2	16.6	-4.7	291.7	292.2	0.2	30.7	13.9	111.
16.5	54.0	5112.6	509.0	-32.4	-43.7	286.6	17.3	16.6	-4.9	292.1	292.6	0.2	31.0	14.3	111.
16.9	55.0	5224.0	501.0	-33.7	-44.7	286.7	17.9	17.2	-5.1	291.8	292.2	0.1	31.6	14.7	111.
17.3	56.0	5350.9	492.0	-34.9	-45.5	286.1	18.3	17.6	-5.1	291.8	292.2	0.1	32.1	15.2	110.
17.7	57.0	5450.7	485.0	-35.7	-46.1	285.0	18.4	17.8	-4.8	292.0	292.4	0.1	32.9	15.6	110.
17.9	58.0	5551.6	478.0	-36.6	-46.9	284.3	18.3	17.7	-4.5	292.1	292.5	0.1	33.4	15.9	110.
18.3	59.0	5668.3	470.0	-37.6	-47.6	282.3	18.0	17.6	-3.8	292.3	292.7	0.1	33.9	16.3	110.
18.7	60.0	5771.8	463.0	-38.1	-48.1	280.6	18.0	17.7	-3.3	292.9	293.2	0.1	33.9	16.7	110.
19.0	61.0	5876.5	456.0	-38.9	-48.8	279.8	18.2	17.9	-3.1	293.2	293.5	0.1	33.9	17.0	110.
19.3	62.0	5982.4	449.0	-39.7	-49.4	280.0	18.7	18.4	-3.3	293.4	293.7	0.1	34.4	17.3	109.
19.7	63.0	6089.6	442.0	-40.8	99.9	280.1	19.3	19.0	-3.4	293.4	999.9	99.9	999.9	17.8	109.
20.0	64.0	6198.0	435.0	-41.8	99.9	280.1	19.5	19.2	-3.4	293.5	999.9	99.9	999.9	18.1	109.
20.3	65.0	6291.9	429.0	-42.9	99.9	279.4	19.5	19.3	-3.2	293.3	999.9	99.9	999.9	18.5	109.
20.8	66.0	6434.6	420.0	-43.6	99.9	278.8	19.6	19.4	-3.0	294.2	999.9	99.9	999.9	19.1	109.
21.1	67.0	6547.4	413.0	-44.8	99.9	279.2	19.7	19.5	-3.1	294.1	999.9	99.9	999.9	19.4	108.
21.5	68.0	6645.2	407.0	-45.0	99.9	280.9	20.1	19.7	-3.8	295.0	999.9	99.9	999.9	19.8	108.
21.8	69.0	6744.2	401.0	-46.0	99.9	282.8	20.7	20.2	-4.6	295.0	999.9	99.9	999.9	20.2	108.
22.1	70.0	6861.1	394.0	-46.9	99.9	284.2	21.3	20.6	-5.2	295.3	999.9	99.9	999.9	20.6	108.
22.6	71.0	6996.8	386.0	-47.8	99.9	284.4	22.3	21.6	-5.5	295.9	999.9	99.9	999.9	21.2	108.
22.9	72.0	7100.0	380.0	-49.0	99.9	283.2	22.7	22.1	-5.2	295.7	999.9	99.9	999.9	21.7	108.
23.3	73.0	7204.2	374.0	-50.2	99.9	282.1	23.0	22.5	-4.8	295.4	999.9	99.9	999.9	22.2	108.
23.7	74.0	7309.7	368.0	-50.6	99.9	281.9	23.2	22.7	-4.8	296.2	999.9	99.9	999.9	22.8	107.
24.0	75.0	7416.7	362.0	-51.2	99.9	282.5	23.4	22.8	-5.1	296.8	999.9	99.9	999.9	23.2	107.
24.3	76.0	7543.5	355.0	-51.8	99.9	283.3	23.9	23.3	-5.5	297.6	999.9	99.9	999.9	23.6	107.
24.7	77.0	7653.9	349.0	-52.3	99.9	283.4	24.5	23.8	-5.7	298.4	999.9	99.9	999.9	24.2	107.
25.1	78.0	7747.1	344.0	-52.9	99.9	282.3	24.6	24.0	-5.2	298.8	999.9	99.9	999.9	24.8	107.
25.4	79.0	7860.5	338.0	-53.4	99.9	280.4	24.0	23.6	-4.4	299.7	999.9	99.9	999.9	25.3	107.
25.8	80.0	7975.6	332.0	-53.9	99.9	277.4	22.8	22.6	-2.9	300.6	999.9	99.9	999.9	25.8	107.
26.3	81.0	8112.3	325.0	-54.4	99.9	273.5	21.6	21.5	-1.3	301.7	999.9	99.9	999.9	26.5	107.
26.7	82.0	8211.5	320.0	-55.3	99.9	271.8	21.3	21.2	-0.7	301.7	999.9	99.9	999.9	26.9	106.
27.0	83.0	8332.1	314.0	-55.8	99.9	271.4	21.3	21.3	-0.5	302.7	999.9	99.9	999.9	27.3	106.
27.3	84.0	8434.2	309.0	-56.3	99.9	272.9	21.6	21.5	-1.1	303.4	999.9	99.9	999.9	27.7	106.
27.7	85.0	8538.0	304.0	-55.5	99.9	275.6	22.0	21.9	-2.1	306.0	999.9	99.9	999.9	28.2	106.
28.1	86.0	8686.6	297.0	-55.2	99.9	278.7	22.5	22.2	-3.4	308.5	999.9	99.9	999.9	28.7	105.
28.6	87.0	8795.1	292.0	-54.8	99.9	281.9	23.0	22.5	-4.8	310.4	999.9	99.9	999.9	29.4	105.
28.9	88.0	8927.8	286.0	-55.0	99.9	283.1	23.3	22.7	-5.3	312.1	999.9	99.9	999.9	29.8	105.
29.3	89.0	9040.5	281.0	-54.8	99.9	282.8	23.7	23.2	-5.2	313.9	999.9	99.9	999.9	30.3	105.
29.7	90.0	9155.4	276.0	-54.7	99.9	281.1	24.0	23.6	-4.6	315.7	999.9	99.9	999.9	31.0	105.
29.9	91.0	9272.5	271.0	-54.0	99.9	279.9	24.1	23.8	-4.1	316.3	999.9	99.9	999.9	31.3	105.
30.3	92.0	9392.1	266.0	-53.7	99.9	278.2	24.6	24.4	-3.5	320.5	999.9	99.9	999.9	31.8	105.
30.7	93.0	9489.8	262.0	-52.6	99.9	277.3	25.5	25.3	-3.3	323.5	999.9	99.9	999.9	32.3	105.
31.1	94.0	9614.4	257.0	-51.8	99.9	277.0	26.4	26.2	-3.2	326.4	999.9	99.9	999.9	33.0	105.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

7 FEBRUARY 1975  
1115 GMT

160 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
31.5	95.0	9742.0	252.0	-51.2	99.9	276.2	27.1	26.9	-2.9	329.2	999.9	99.9	999.9	33.7	105.
32.0	96.0	9898.7	246.0	-50.9	99.9	274.8	27.0	26.9	-2.3	331.9	999.9	99.9	999.9	34.4	105.
32.3	97.0	10005.6	242.0	-50.5	99.9	274.6	26.2	26.1	-2.1	334.1	999.9	99.9	999.9	35.0	104.
32.7	98.0	10142.0	237.0	-49.6	99.9	274.5	25.0	24.9	-2.0	337.5	999.9	99.9	999.9	35.6	104.
33.1	99.0	10253.5	233.0	-49.4	99.9	274.9	24.0	23.9	-2.0	339.4	999.9	99.9	999.9	36.2	104.
33.5	100.0	10367.0	229.0	-49.4	99.9	275.0	24.2	24.1	-2.1	341.1	999.9	99.9	999.9	36.6	104.
33.9	101.0	10541.2	223.0	-49.0	99.9	274.2	25.3	25.2	-1.8	344.4	999.9	99.9	999.9	37.2	104.
34.2	102.0	10659.9	219.0	-49.4	99.9	273.4	25.5	25.4	-1.5	345.5	999.9	99.9	999.9	37.8	104.
34.7	103.0	10780.7	215.0	-49.6	99.9	272.5	25.3	25.3	-1.1	347.1	999.9	99.9	999.9	38.5	103.
35.0	104.0	10903.6	211.0	-50.0	99.9	272.4	25.3	25.2	-1.1	348.2	999.9	99.9	999.9	38.7	103.
35.4	105.0	11060.2	206.0	-50.2	99.9	273.4	26.1	26.0	-1.5	350.4	999.9	99.9	999.9	39.5	103.
35.8	106.0	11188.1	202.0	-50.9	99.9	273.8	26.3	26.3	-1.7	351.1	999.9	99.9	999.9	40.2	103.
36.3	107.0	11318.2	198.0	-51.2	99.9	272.9	26.2	26.2	-1.3	352.7	999.9	99.9	999.9	41.0	103.
36.7	108.0	11417.5	195.0	-51.1	99.9	271.5	26.5	26.5	-0.7	354.5	999.9	99.9	999.9	41.5	103.
37.0	109.0	11552.1	191.0	-51.8	99.9	270.4	27.2	27.2	-0.2	355.3	999.9	99.9	999.9	41.9	103.
37.4	110.0	11689.2	187.0	-52.0	99.9	270.9	27.8	27.8	-0.4	357.2	999.9	99.9	999.9	42.7	102.
37.9	111.0	11864.8	182.0	-51.8	99.9	273.1	27.8	27.8	-1.5	360.3	999.9	99.9	999.9	43.6	102.
38.3	112.0	11972.5	179.0	-52.2	99.9	274.1	27.9	27.8	-2.0	361.5	999.9	99.9	999.9	44.1	102.
38.8	113.0	12118.9	175.0	-51.7	99.9	272.8	28.2	28.1	-1.4	364.6	999.9	99.9	999.9	45.0	102.
39.2	114.0	12269.2	171.0	-50.9	99.9	270.6	28.3	28.3	-0.3	368.3	999.9	99.9	999.9	45.7	102.
39.7	115.0	12384.4	168.0	-50.8	99.9	268.5	28.2	28.2	0.8	370.4	999.9	99.9	999.9	46.4	101.
40.2	116.0	12581.3	163.0	-50.8	99.9	268.2	28.4	28.4	0.9	373.6	999.9	99.9	999.9	47.4	101.
40.7	117.0	12702.3	160.0	-50.6	99.9	269.0	29.5	29.5	0.5	375.9	999.9	99.9	999.9	48.1	101.
41.1	118.0	12825.7	157.0	-50.5	99.9	269.9	30.8	30.8	0.0	378.2	999.9	99.9	999.9	48.7	101.
41.5	119.0	12951.6	154.0	-50.5	99.9	271.0	31.5	31.5	-0.5	380.3	999.9	99.9	999.9	49.7	101.
41.9	120.0	13123.0	150.0	-50.9	99.9	271.4	29.1	29.1	-0.7	382.3	999.9	99.9	999.9	50.4	100.
42.3	121.0	13254.5	147.0	-51.1	99.9	270.8	26.0	26.0	-0.4	384.3	999.9	99.9	999.9	51.1	100.
42.7	122.0	13388.4	144.0	-51.8	99.9	268.6	23.9	23.9	0.6	385.2	999.9	99.9	999.9	51.6	100.
43.2	123.0	13524.7	141.0	-52.5	99.9	263.8	23.6	23.5	2.5	386.5	999.9	99.9	999.9	52.1	100.
43.6	124.0	13663.5	138.0	-53.2	99.9	260.2	24.3	23.9	4.2	387.5	999.9	99.9	999.9	52.9	100.
44.0	125.0	13805.1	135.0	-53.1	99.9	258.0	24.4	23.9	5.1	390.2	999.9	99.9	999.9	53.4	100.
44.7	126.0	13998.7	131.0	-53.7	99.9	262.8	26.3	26.1	3.3	392.4	999.9	99.9	999.9	54.2	99.
45.1	127.0	14147.5	128.0	-53.9	99.9	266.1	27.2	27.2	1.8	394.8	999.9	99.9	999.9	54.9	99.
45.6	128.0	14299.8	125.0	-54.0	99.9	268.8	25.8	25.8	0.5	397.2	999.9	99.9	999.9	56.0	99.
46.0	129.0	14403.2	123.0	-54.5	99.9	270.6	24.1	24.1	-0.3	398.1	999.9	99.9	999.9	56.1	99.
46.5	130.0	14561.0	120.0	-55.5	99.9	272.9	25.2	25.2	-1.3	399.2	999.9	99.9	999.9	57.1	99.
47.1	131.0	14722.4	117.0	-55.5	99.9	275.5	20.4	28.3	-2.7	402.1	999.9	99.9	999.9	57.9	99.
47.5	132.0	14888.0	114.0	-55.5	99.9	277.3	29.7	29.5	-3.8	405.1	999.9	99.9	999.9	58.8	99.
48.0	133.0	15057.9	111.0	-55.8	99.9	275.9	28.0	27.8	-3.4	407.5	999.9	99.9	999.9	59.5	99.
48.4	134.0	15232.4	108.0	-55.5	99.9	272.5	25.0	25.0	-1.1	411.4	999.9	99.9	999.9	60.5	99.
48.9	135.0	15351.7	106.0	-55.2	99.9	265.7	23.5	23.5	1.8	414.2	999.9	99.9	999.9	60.8	99.
49.3	136.0	15534.7	103.0	-56.0	99.9	263.1	24.0	23.9	2.9	416.0	999.9	99.9	999.9	61.3	98.
50.0	137.0	15786.0	99.0	-57.0	99.9	263.7	24.1	24.0	2.6	418.8	999.9	99.9	999.9	62.8	98.
50.6	138.0	15915.0	97.0	-58.0	99.9	268.6	26.7	26.7	0.7	419.3	999.9	99.9	999.9	63.0	98.
51.1	139.0	16113.2	94.0	-57.5	99.9	269.9	30.1	30.1	0.1	424.1	999.9	99.9	999.9	64.2	98.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637  
FLINT, MICH

7 FEBRUARY 1975  
1115 GMT

160 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
51.7	140.0	16318.1	91.0	-57.3	99.9	267.3	28.8	28.8	1.4	428.4	999.9	99.9	999.9	65.4	98.
52.3	141.0	16529.7	88.0	-58.2	99.9	267.0	27.0	27.0	1.4	430.8	999.9	99.9	999.9	66.2	97.
53.0	142.0	16674.7	86.0	-57.3	99.9	268.4	27.5	27.5	0.7	435.4	999.9	99.9	999.9	67.3	97.
53.7	143.0	16899.3	83.0	-57.2	99.9	260.3	23.1	22.8	3.9	440.2	999.9	99.9	999.9	68.6	97.
54.2	144.0	17131.9	80.0	-57.7	99.9	256.0	21.7	21.1	5.2	443.8	999.9	99.9	999.9	68.9	97.
54.8	145.0	17373.3	77.0	-57.5	99.9	259.5	22.9	22.5	4.2	449.0	999.9	99.9	999.9	69.8	97.
55.4	146.0	17539.0	75.0	-58.7	99.9	263.9	24.8	24.7	2.6	449.9	999.9	99.9	999.9	70.4	97.
56.1	147.0	17795.4	72.0	-58.9	99.9	260.8	24.8	24.5	4.0	454.8	999.9	99.9	999.9	71.8	96.
56.8	148.0	18062.7	69.0	-58.5	99.9	253.6	22.6	21.7	6.4	461.1	999.9	99.9	999.9	72.5	96.
57.3	149.0	18247.5	67.0	-58.9	99.9	256.2	24.4	23.7	5.8	464.3	999.9	99.9	999.9	73.0	96.
58.0	150.0	18436.9	65.0	-60.8	99.9	261.9	28.2	28.0	4.0	464.0	999.9	99.9	999.9	74.3	96.
58.8	151.0	18729.9	62.0	-62.1	99.9	260.8	27.4	27.0	4.4	467.5	999.9	99.9	999.9	75.6	95.
59.5	152.0	19036.5	59.0	-62.1	99.9	258.8	24.1	23.7	4.7	474.2	999.9	99.9	999.9	76.7	95.
60.2	153.0	19249.6	57.0	-62.3	99.9	260.7	20.4	20.1	3.3	478.5	999.9	99.9	999.9	77.6	95.
61.0	154.0	19470.6	55.0	-61.5	99.9	266.9	26.7	26.6	1.5	485.1	999.9	99.9	999.9	77.9	95.
61.8	155.0	19817.9	52.0	-62.1	99.9	268.9	29.7	29.7	0.6	491.6	999.9	99.9	999.9	80.0	95.
62.7	156.0	20060.2	50.0	-62.3	99.9	272.1	29.9	29.9	-1.1	496.8	999.9	99.9	999.9	81.5	95.
63.5	157.0	20442.1	47.0	-62.6	99.9	269.1	22.2	22.2	3.3	504.7	999.9	99.9	999.9	83.5	95.
64.3	158.0	20709.1	45.0	-64.4	99.9	270.2	17.1	17.1	-0.1	506.9	999.9	99.9	999.9	83.7	95.
65.2	159.0	20987.5	43.0	-63.8	99.9	278.7	20.2	20.0	-3.1	514.9	999.9	99.9	999.9	84.6	95.
66.1	160.0	21429.6	40.0	-65.1	99.9	276.1	19.9	19.8	-2.1	522.3	999.9	99.9	999.9	86.0	95.
67.3	161.0	21742.0	38.0	-65.3	99.9	274.0	21.8	21.8	-1.5	529.5	999.9	99.9	999.9	87.1	95.
68.5	162.0	22241.4	35.0	-66.4	99.9	263.0	12.9	12.8	1.6	539.5	999.9	99.9	999.9	88.8	95.
69.7	163.0	22598.0	33.0	-66.2	99.9	999.9	99.9	99.9	99.9	549.2	999.9	99.9	999.9	999.9	999.
70.8	164.0	23177.5	30.0	-65.0	99.9	999.9	99.9	99.9	99.9	567.6	999.9	99.9	999.9	999.9	999.

STATION NO. 645  
GREEN BAY, WIS

5 FEBRUARY 1975  
2315 GMT

149 41. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	210.0	986.1	-2.2	-4.4	20.0	4.2	-1.4	-3.9	272.4	279.6	2.8	85.0	0.0	0.
0.4	8.0	291.7	976.0	-3.1	-3.9	24.7	8.6	-3.6	-7.8	272.3	279.8	2.9	93.9	0.2	201.
0.8	9.0	381.3	965.0	-4.3	-4.7	26.1	8.6	-3.8	-7.7	271.9	279.1	2.8	96.9	0.4	203.
1.1	10.0	471.6	954.0	-5.1	-5.1	28.4	8.7	-4.2	-7.7	272.0	278.9	2.7	97.8	0.5	204.
1.6	11.0	587.8	940.0	-5.2	-5.3	34.0	9.3	-5.2	-7.7	273.0	280.1	2.7	99.7	0.8	206.
1.9	12.0	671.8	930.0	-5.8	-5.8	35.9	9.1	-5.3	-7.3	273.2	280.1	2.7	100.1	1.0	208.
2.2	13.0	765.0	919.0	-6.6	-6.6	37.7	9.0	-5.5	-7.1	273.4	280.0	2.5	99.7	1.1	209.
2.6	14.0	859.0	908.0	-7.2	-7.3	40.4	9.2	-5.9	-7.0	273.7	280.0	2.4	99.2	1.3	211.
2.9	15.0	945.3	898.0	-7.9	-8.1	43.8	9.8	-6.7	-7.0	273.8	279.9	2.3	99.1	1.5	212.
3.4	16.0	1067.4	884.0	-8.5	-8.7	48.9	9.4	-7.1	-6.2	274.4	280.3	2.2	99.0	1.8	214.
3.7	17.0	1155.8	874.0	-8.2	-8.3	50.9	9.2	-7.1	-5.8	275.6	281.8	2.3	99.5	1.9	216.
4.1	18.0	1245.3	864.0	-7.6	-7.7	53.1	9.2	-7.3	-5.5	277.2	283.7	2.5	99.8	2.1	217.
4.4	19.0	1345.1	853.0	-7.5	-7.5	55.1	9.2	-7.6	-5.3	278.3	285.1	2.5	99.8	2.3	219.
4.7	20.0	1437.0	843.0	-7.6	-7.9	55.3	9.1	-7.5	-5.2	279.1	285.8	2.5	98.2	2.5	220.
5.2	21.0	1548.6	831.0	-8.1	-8.5	55.8	8.7	-7.2	-4.9	279.8	286.3	2.4	97.0	2.7	221.
5.5	22.0	1642.6	821.0	-8.7	-9.0	57.7	8.5	-7.1	-4.5	280.1	286.4	2.3	97.1	2.9	222.
5.9	23.0	1737.6	811.0	-9.3	-9.7	63.2	7.6	-6.8	-3.4	280.5	286.6	2.3	96.6	3.1	223.
6.3	24.0	1833.5	801.0	-10.1	-10.5	63.7	6.4	-5.8	-2.8	280.5	286.3	2.1	96.9	3.2	224.
6.6	25.0	1930.4	791.0	-10.1	-10.4	60.3	5.2	-4.5	-2.6	281.5	287.5	2.2	97.7	3.3	225.
7.0	26.0	2048.3	779.0	-10.0	-10.2	41.0	3.0	-2.0	-2.3	282.9	289.1	2.3	98.6	3.4	225.
7.4	27.0	2148.0	769.0	-10.4	-10.6	4.7	2.6	-0.2	-2.6	283.5	289.6	2.2	98.5	3.5	225.
7.8	28.0	2248.8	759.0	-10.7	-10.9	344.1	2.6	0.7	-2.5	284.3	290.3	2.2	98.0	3.5	224.
8.1	29.0	2350.8	749.0	-11.0	-11.3	333.9	2.7	1.2	-2.4	285.0	291.0	2.2	97.5	3.5	223.
8.5	30.0	2443.7	740.0	-11.3	-11.5	324.1	3.0	1.8	-2.4	285.7	291.6	2.1	97.7	3.5	222.
8.8	31.0	2537.7	731.0	-11.4	-11.6	317.3	3.3	2.2	-2.4	286.5	292.5	2.1	98.6	3.5	221.
9.1	32.0	2643.3	721.0	-12.1	-12.3	310.2	3.6	2.8	-2.3	286.9	292.6	2.1	98.2	3.6	220.
9.5	33.0	2739.4	712.0	-12.5	-12.8	299.4	4.2	3.7	-2.1	287.4	293.0	2.0	97.7	3.6	219.
9.9	34.0	2836.5	703.0	-13.0	-13.3	291.1	4.7	4.4	-1.7	288.0	293.5	2.0	97.7	3.5	217.
10.3	35.0	2934.7	694.0	-13.4	-13.8	286.3	5.1	4.9	-1.4	288.6	293.9	1.9	96.8	3.5	215.
10.7	36.0	3067.6	682.0	-13.5	-14.0	283.4	5.5	5.3	-1.3	289.9	295.2	1.9	96.0	3.5	213.
11.1	37.0	3168.6	673.0	-14.1	-14.6	281.5	5.7	5.6	-1.1	290.3	295.6	1.8	96.1	3.4	211.
11.4	38.0	3270.8	664.0	-14.6	-15.3	280.5	5.9	5.8	-1.1	290.8	295.8	1.8	94.9	3.4	209.
11.7	39.0	3362.5	656.0	-15.2	-16.0	278.8	6.0	5.9	-0.9	291.2	296.0	1.7	93.9	3.3	207.
12.1	40.0	3466.8	647.0	-16.0	-16.3	275.9	6.1	6.0	-0.6	291.4	296.0	1.6	93.6	3.3	205.
12.6	41.0	3584.1	637.0	-16.9	-17.7	271.5	6.1	6.1	-0.2	291.7	296.1	1.5	93.4	3.2	202.
12.9	42.0	3690.9	628.0	-17.5	-18.3	270.3	6.0	6.0	-0.0	292.1	296.3	1.4	93.7	3.2	200.
13.3	43.0	3786.8	620.0	-18.2	-19.0	270.0	5.9	5.9	0.0	292.4	296.4	1.4	93.3	3.1	198.
13.6	44.0	3896.0	611.0	-18.8	-19.6	269.7	5.8	5.8	0.0	293.0	296.9	1.3	92.8	3.1	196.
14.0	45.0	3994.1	603.0	-19.7	-20.5	268.1	5.8	5.8	0.2	293.0	296.7	1.2	93.1	3.1	194.
14.4	46.0	4093.2	595.0	-20.1	-20.9	265.6	6.2	6.2	0.5	293.7	297.3	1.2	93.4	3.0	191.
14.7	47.0	4193.4	587.0	-21.0	-21.9	264.8	6.5	6.5	0.6	293.7	297.0	1.1	92.6	3.0	189.
15.1	48.0	4294.7	579.0	-21.8	-22.7	265.1	7.1	7.0	0.6	293.9	297.2	1.1	95.4	3.0	186.
15.4	49.0	4409.9	570.0	-22.6	-23.5	266.7	7.5	7.4	0.4	294.3	297.4	1.0	95.7	2.9	184.
15.8	50.0	4500.4	563.0	-23.4	-24.3	269.5	7.9	7.9	0.1	294.4	297.2	0.9	92.6	2.9	180.
16.3	51.0	4631.3	553.0	-24.5	-25.7	271.4	8.2	8.2	-0.2	294.6	297.2	0.8	89.8	2.9	175.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

5 FEBRUARY 1975  
2315 GMT

149 41. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.6	52.0	4737.4	545.0	-25.0	-26.3	271.1	8.3	8.3	-0.2	295.2	297.7	0.8	89.4	3.0	172.
17.0	53.0	4844.8	537.0	-25.7	-26.9	268.8	8.4	8.4	0.2	295.7	298.1	0.8	89.2	3.0	169.
17.3	54.0	4953.5	529.0	-26.4	-27.7	266.6	8.7	8.7	0.5	296.1	298.4	0.7	88.6	3.0	166.
17.8	55.0	5063.5	521.0	-27.3	-29.0	263.9	9.3	9.2	1.0	296.3	298.4	0.7	85.3	3.1	161.
18.2	56.0	5188.8	512.0	-28.1	-30.0	262.5	9.8	9.7	1.3	296.8	298.8	0.6	83.4	3.1	157.
18.6	57.0	5301.7	504.0	-29.0	-31.2	261.4	10.3	10.2	1.5	297.0	298.8	0.6	81.3	3.2	153.
19.0	58.0	5401.6	497.0	-29.9	-31.8	260.1	10.7	10.5	1.8	297.1	298.8	0.5	83.1	3.3	148.
19.4	59.0	5502.5	490.0	-30.7	-32.5	257.6	10.7	10.5	2.3	297.3	298.9	0.5	83.6	3.4	144.
19.8	60.0	5604.5	483.0	-31.7	-33.7	254.4	10.7	10.3	2.9	297.3	298.7	0.5	82.5	3.5	140.
20.2	61.0	5722.5	475.0	-32.4	-34.5	251.6	10.9	10.3	3.4	297.9	299.2	0.4	81.2	3.6	137.
20.6	62.0	5827.0	468.0	-33.2	-35.3	249.7	11.3	10.6	3.9	298.2	299.4	0.4	81.2	3.7	133.
21.0	63.0	5932.8	461.0	-34.0	-36.1	248.7	11.7	10.9	4.3	298.5	299.7	0.4	81.1	3.9	129.
21.3	64.0	6039.8	454.0	-34.8	-36.8	248.0	11.9	11.0	4.4	298.8	299.9	0.4	81.3	4.0	126.
21.8	65.0	6148.1	447.0	-35.8	-38.0	247.2	11.8	10.9	4.6	298.8	299.8	0.3	80.1	4.2	122.
22.2	66.0	6273.4	439.0	-36.6	-38.9	246.8	11.6	10.7	4.6	299.3	300.3	0.3	79.3	4.3	119.
22.6	67.0	6384.6	432.0	-37.6	-39.8	246.5	11.3	10.3	4.5	299.5	300.4	0.3	79.4	4.5	116.
23.0	68.0	6497.1	425.0	-38.5	-40.7	245.9	10.9	9.9	4.4	299.7	300.5	0.3	79.4	4.7	114.
23.4	69.0	6611.1	418.0	-39.3	-41.7	245.2	10.8	9.8	4.6	300.1	300.8	0.2	78.1	4.9	112.
23.8	70.0	6709.9	412.0	-40.3	99.9	245.1	11.1	10.1	4.7	300.1	999.9	99.9	999.9	5.0	110.
24.3	71.0	6843.3	404.0	-41.3	99.9	245.9	11.3	10.3	4.6	300.4	999.9	99.9	999.9	5.3	107.
24.7	72.0	6944.8	398.0	-42.2	99.9	246.4	11.2	10.3	4.5	300.6	999.9	99.9	999.9	5.5	105.
25.0	73.0	7064.6	391.0	-43.0	99.9	246.4	11.0	10.1	4.4	301.1	999.9	99.9	999.9	5.7	104.
25.5	74.0	7168.6	385.0	-44.0	99.9	243.5	11.3	10.1	5.1	301.1	999.9	99.9	999.9	5.9	102.
25.8	75.0	7273.8	379.0	-45.0	99.9	241.7	11.8	10.4	5.6	301.2	999.9	99.9	999.9	6.1	101.
26.3	76.0	7398.2	372.0	-45.9	99.9	240.7	12.3	10.7	6.0	301.5	999.9	99.9	999.9	6.4	98.
26.6	77.0	7506.2	366.0	-46.8	99.9	241.2	12.3	10.8	5.9	301.7	999.9	99.9	999.9	6.6	97.
27.0	78.0	7615.5	360.0	-47.8	99.9	243.0	12.0	10.7	5.4	301.8	999.9	99.9	999.9	6.8	96.
27.4	79.0	7726.2	354.0	-48.8	99.9	243.8	11.4	10.2	5.0	301.9	999.9	99.9	999.9	7.0	95.
27.8	80.0	7838.3	348.0	-49.9	99.9	243.3	11.0	9.8	4.9	302.0	999.9	99.9	999.9	7.3	94.
28.3	81.0	7970.8	341.0	-51.1	99.9	243.0	10.7	9.5	4.9	302.1	999.9	99.9	999.9	7.5	92.
28.7	82.0	8066.6	336.0	-52.3	99.9	244.6	10.6	9.6	4.6	301.7	999.9	99.9	999.9	7.7	91.
29.1	83.0	8183.0	330.0	-53.1	99.9	247.7	10.7	9.9	4.1	302.2	999.9	99.9	999.9	8.0	90.
29.5	84.0	8301.1	324.0	-53.8	99.9	251.3	10.8	10.3	3.5	302.7	999.9	99.9	999.9	8.2	90.
30.0	85.0	8400.8	319.0	-54.8	99.9	253.4	11.3	10.8	3.2	302.8	999.9	99.9	999.9	8.5	89.
30.6	86.0	8542.5	312.0	-55.4	99.9	251.1	11.9	11.3	3.9	303.8	999.9	99.9	999.9	9.0	89.
31.0	87.0	8666.2	306.0	-55.8	99.9	248.0	12.2	11.3	4.6	305.0	999.9	99.9	999.9	9.2	88.
31.5	88.0	8771.0	301.0	-56.1	99.9	245.2	12.4	11.2	5.2	306.0	999.9	99.9	999.9	9.6	87.
31.9	89.0	8877.4	296.0	-56.6	99.9	245.5	12.6	11.5	5.2	306.8	999.9	99.9	999.9	9.8	86.
32.4	90.0	8985.4	291.0	-57.1	99.9	247.6	13.0	12.0	4.9	307.6	999.9	99.9	999.9	10.2	86.
32.8	91.0	9094.9	286.0	-57.6	99.9	249.3	13.1	12.3	4.6	308.4	999.9	99.9	999.9	10.5	85.
33.2	92.0	9228.6	280.0	-58.2	99.9	249.8	13.1	12.3	4.5	309.3	999.9	99.9	999.9	10.8	85.
33.6	93.0	9341.9	275.0	-58.9	99.9	248.7	13.1	12.2	4.8	309.9	999.9	99.9	999.9	11.1	84.
34.0	94.0	9457.0	270.0	-58.9	99.9	246.7	13.5	12.4	5.3	311.6	999.9	99.9	999.9	11.4	84.
34.5	95.0	9574.3	265.0	-58.9	99.9	245.7	14.3	13.0	5.9	313.2	999.9	99.9	999.9	11.8	83.
35.0	96.0	9718.1	259.0	-58.6	99.9	246.1	15.0	13.8	6.1	315.8	999.9	99.9	999.9	12.3	83.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

5 FEBRUARY 1975  
2315 GMT

149 41. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.5	97.0	9840.7	254.0	-58.6	99.9	245.6	15.8	14.4	6.5	317.6	999.9	99.9	999.9	12.7	82.
35.9	98.0	9940.6	250.0	-57.7	99.9	244.9	16.5	14.9	7.0	320.3	999.9	99.9	999.9	13.0	82.
36.4	99.0	10094.0	244.0	-57.6	99.9	245.2	17.0	15.4	7.1	322.7	999.9	99.9	999.9	13.5	81.
36.8	100.0	10198.4	240.0	-57.6	99.9	246.5	17.2	15.7	6.9	324.3	999.9	99.9	999.9	13.9	80.
37.4	101.0	10358.7	234.0	-56.4	99.9	248.7	17.3	16.2	5.3	328.4	999.9	99.9	999.9	14.5	80.
37.9	102.0	10468.4	230.0	-55.4	99.9	250.5	17.2	16.2	5.7	331.5	999.9	99.9	999.9	15.1	79.
38.4	103.0	10580.3	226.0	-55.4	99.9	251.7	17.0	16.1	5.3	333.2	999.9	99.9	999.9	15.6	79.
38.9	104.0	10723.0	221.0	-55.3	99.9	250.2	17.3	16.3	5.9	335.5	999.9	99.9	999.9	16.1	79.
39.4	105.0	10839.7	217.0	-54.8	99.9	246.1	18.3	16.7	7.4	338.0	999.9	99.9	999.9	16.6	79.
39.8	106.0	10988.7	212.0	-54.9	99.9	242.7	19.2	17.0	3.8	340.1	999.9	99.9	999.9	17.0	78.
40.4	107.0	11110.5	208.0	-54.9	99.9	240.4	20.4	17.8	10.1	341.9	999.9	99.9	999.9	17.7	78.
40.9	108.0	11235.0	204.0	-53.5	99.9	242.2	21.2	18.8	9.9	346.1	999.9	99.9	999.9	18.3	77.
41.3	109.0	11362.4	200.0	-53.5	99.9	243.9	21.8	19.6	9.6	348.0	999.9	99.9	999.9	18.8	77.
41.9	110.0	11492.5	196.0	-52.9	99.9	244.4	22.6	20.4	9.8	351.0	999.9	99.9	999.9	19.6	76.
42.7	111.0	11659.2	191.0	-53.1	99.9	244.9	23.7	21.5	10.1	353.4	999.9	99.9	999.9	20.7	76.
43.1	112.0	11795.6	187.0	-53.2	99.9	245.8	24.1	22.0	9.9	355.3	999.9	99.9	999.9	21.2	75.
43.5	113.0	11934.8	183.0	-53.4	99.9	246.2	24.1	22.0	9.7	357.2	999.9	99.9	999.9	21.8	75.
44.0	114.0	12077.2	179.0	-53.1	99.9	245.1	23.3	21.2	9.8	360.0	999.9	99.9	999.9	22.6	75.
44.6	115.0	12222.7	175.0	-53.5	99.9	244.3	22.9	20.7	9.9	361.6	999.9	99.9	999.9	23.3	74.
45.3	116.0	12409.1	170.0	-53.8	99.9	246.6	23.0	21.1	9.2	364.1	999.9	99.9	999.9	24.3	74.
45.8	117.0	12523.4	167.0	-54.0	99.9	248.7	23.3	21.7	8.4	365.7	999.9	99.9	999.9	25.0	74.
46.3	118.0	12679.1	163.0	-53.8	99.9	250.3	24.0	22.6	8.1	368.5	999.9	99.9	999.9	25.7	74.
46.9	119.0	12838.6	159.0	-54.0	99.9	251.7	25.3	24.0	7.9	370.8	999.9	99.9	999.9	26.6	74.
47.4	120.0	12960.8	156.0	-54.5	99.9	252.8	25.5	24.3	7.5	372.0	999.9	99.9	999.9	27.3	74.
47.8	121.0	13127.3	152.0	-54.2	99.9	253.3	24.7	23.6	7.1	375.4	999.9	99.9	999.9	28.0	74.
48.6	122.0	13255.2	149.0	-54.0	99.9	253.6	22.3	21.4	5.3	377.8	999.9	99.9	999.9	29.1	74.
49.1	123.0	13429.9	145.0	-54.0	99.9	253.6	21.4	20.6	6.1	380.7	999.9	99.9	999.9	29.8	74.
49.7	124.0	13563.8	142.0	-54.9	99.9	253.1	21.5	20.5	6.2	381.3	999.9	99.9	999.9	30.5	74.
50.2	125.0	13746.5	138.0	-54.8	99.9	252.2	22.5	21.4	6.9	384.8	999.9	99.9	999.9	31.1	74.
50.9	126.0	13934.6	134.0	-54.8	99.9	250.9	24.9	23.5	8.1	388.0	999.9	99.9	999.9	32.1	74.
51.5	127.0	14079.6	131.0	-54.5	99.9	251.5	26.4	25.0	8.4	391.1	999.9	99.9	999.9	33.0	73.
52.1	128.0	14278.1	127.0	-54.6	99.9	253.1	26.4	25.2	7.7	394.3	999.9	99.9	999.9	34.1	73.
52.6	129.0	14430.9	124.0	-55.3	99.9	254.5	25.3	24.4	6.8	395.8	999.9	99.9	999.9	34.8	73.
53.1	130.0	14586.7	121.0	-56.6	99.9	256.3	24.2	23.5	5.7	396.2	999.9	99.9	999.9	35.6	73.
54.0	131.0	14800.1	117.0	-56.4	99.9	258.9	23.4	22.9	4.5	400.4	999.9	99.9	999.9	36.9	74.
54.6	132.0	14965.0	114.0	-56.4	99.9	260.8	22.1	21.8	3.5	403.4	999.9	99.9	999.9	37.7	74.
55.3	133.0	15134.1	111.0	-57.1	99.9	263.4	21.2	21.1	2.5	405.2	999.9	99.9	999.9	38.5	74.
55.9	134.0	15307.5	108.0	-56.9	99.9	262.5	21.0	20.9	2.8	408.7	999.9	99.9	999.9	39.3	74.
56.5	135.0	15485.6	105.0	-57.7	99.9	258.4	21.4	21.0	4.3	410.4	999.9	99.9	999.9	40.0	74.
57.3	136.0	15668.6	102.0	-57.7	99.9	254.9	23.8	22.9	6.2	413.9	999.9	99.9	999.9	41.1	74.
58.0	137.0	15920.7	98.0	-58.2	99.9	254.3	24.8	23.9	6.7	417.6	999.9	99.9	999.9	42.2	74.
58.9	138.0	16116.1	95.0	-58.9	99.9	255.1	24.0	23.2	6.2	420.0	999.9	99.9	999.9	43.4	74.
59.8	139.0	16385.8	91.0	-59.3	99.9	256.3	25.0	24.3	5.9	424.6	999.9	99.9	999.9	44.8	74.
60.5	140.0	16596.0	88.0	-59.1	99.9	256.6	24.1	23.5	5.6	429.0	999.9	99.9	999.9	45.9	74.
61.4	141.0	16813.3	85.0	-59.4	99.9	258.3	25.1	24.6	5.1	432.6	999.9	99.9	999.9	47.0	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 645  
GREEN BAY, WIS

5 FEBRUARY 1975  
2315 GMT

149 41. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.3	142.0	17114.4	81.0	-60.3	99.9	257.4	25.1	24.5	5.5	436.8	999.9	99.9	999.9	48.6	75.
63.1	143.0	17349.6	78.0	-60.5	99.9	260.2	23.7	23.4	4.1	441.2	999.9	99.9	999.9	49.7	75.
64.1	144.0	17593.5	75.0	-61.2	99.9	262.4	28.7	28.5	3.8	444.6	999.9	99.9	999.9	51.1	75.
65.0	145.0	17847.0	72.0	-61.2	99.9	263.2	27.3	27.1	3.2	449.9	999.9	99.9	999.9	52.8	75.
65.9	146.0	18201.7	68.0	-61.4	99.9	266.5	31.5	31.5	1.9	456.9	999.9	99.9	999.9	54.1	75.
66.9	147.0	18481.0	65.0	-62.3	99.9	273.0	22.1	22.1	-1.2	460.8	999.9	99.9	999.9	56.0	76.
67.9	148.0	18772.5	62.0	-62.8	99.9	281.1	21.2	20.8	-4.1	465.9	999.9	99.9	999.9	57.1	76.
69.0	149.0	19077.4	59.0	-63.8	99.9	277.1	24.9	24.7	-3.1	470.5	999.9	99.9	999.9	58.5	77.
70.2	150.0	19397.9	56.0	-63.2	99.9	280.5	20.9	20.5	-3.8	478.8	999.9	99.9	999.9	60.2	77.
71.3	151.0	19735.8	53.0	-64.1	99.9	280.9	20.2	19.8	-3.8	484.2	999.9	99.9	999.9	61.2	78.
72.5	152.0	20092.8	50.0	-63.8	99.9	275.4	19.0	18.9	-1.8	493.3	999.9	99.9	999.9	62.6	78.
73.7	153.0	20471.6	47.0	-64.5	99.9	277.9	22.3	22.1	-3.1	500.2	999.9	99.9	999.9	64.0	79.
75.0	154.0	20873.8	44.0	-65.5	99.9	999.9	99.9	99.9	99.9	507.4	999.9	99.9	999.9	999.9	999.
76.5	155.0	21303.1	41.0	-65.7	99.9	999.9	99.9	99.9	99.9	517.3	999.9	99.9	999.9	999.9	999.

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
516 GMT

148 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	210.0	984.8	-4.4	-5.5	285.0	0.5	0.5	-0.1	270.3	276.8	2.6	92.0	0.0	0.
0.4	8.0	288.8	975.0	-4.5*	99.9	244.7	2.6	2.3	1.1	270.6	999.9	99.9	999.9	0.2	167.
0.8	9.0	386.3	963.0	-4.6	-4.9	999.9	99.9	99.9	99.9	271.8	278.9	2.8	97.8	999.9	999.
1.2	10.0	468.5	953.0	-4.9	-5.3	999.9	99.9	99.9	99.9	272.3	279.3	2.7	96.9	999.9	999.
1.5	11.0	584.9	939.0	-5.5	-6.0	999.9	99.9	99.9	99.9	272.9	279.6	2.6	96.4	999.9	999.
1.8	12.0	677.3	928.0	-5.8	-6.4	999.9	99.9	99.9	99.9	273.5	280.1	2.6	95.6	999.9	999.
2.2	13.0	779.3	916.0	-6.4	-6.9	999.9	99.9	99.9	99.9	273.9	280.3	2.5	96.1	999.9	999.
2.6	14.0	873.7	905.0	-7.1	-7.5	32.8	6.0	-3.3	-5.1	274.0	280.3	2.4	97.1	0.6	184.
3.0	15.0	969.1	894.0	-7.6	-8.1	37.1	5.7	-3.5	-4.6	274.5	280.6	2.3	96.3	0.7	191.
3.3	16.0	1083.1	881.0	-7.7	-8.3	25.8	5.6	-2.5	-5.1	275.5	281.6	2.3	95.8	0.8	193.
3.7	17.0	1180.9	870.0	-8.0	-8.6	13.4	5.4	-1.2	-5.2	276.2	282.3	2.3	95.6	1.0	194.
4.1	18.0	1270.7	860.0	-8.5	-9.0	5.0	4.8	-0.4	-4.8	276.6	282.6	2.2	95.5	1.1	193.
4.5	19.0	1370.6	849.0	-8.6	-9.2	4.3	4.5	-0.3	-4.4	277.5	283.5	2.2	95.3	1.2	192.
4.9	20.0	1471.7	838.0	-9.2	-9.8	4.8	4.4	-0.4	-4.4	277.9	283.7	2.2	94.9	1.3	192.
5.3	21.0	1583.2	826.0	-9.9	-10.6	359.4	4.4	0.0	-4.4	278.3	283.8	2.1	94.5	1.4	191.
5.7	22.0	1677.2	816.0	-10.3	-11.1	351.3	4.2	0.6	-4.1	278.8	284.2	2.0	94.5	1.5	190.
6.0	23.0	1772.1	806.0	-10.8	-11.4	342.9	3.7	1.1	-3.5	279.3	284.7	2.0	95.5	1.6	189.
6.4	24.0	1868.1	796.0	-11.2	-11.6	328.1	3.3	1.7	-2.8	279.8	285.2	2.0	96.9	1.6	188.
6.8	25.0	1974.9	785.0	-11.9	-12.4	316.6	3.3	2.2	-2.4	280.2	285.3	1.9	96.2	1.7	186.
7.3	26.0	2092.8	773.0	-12.2	-12.7	312.2	3.3	2.5	-2.2	281.1	286.2	1.9	96.2	1.8	183.
7.6	27.0	2192.3	763.0	-12.9	-13.4	313.6	3.5	2.5	-2.4	281.4	286.3	1.8	95.9	1.8	182.
8.0	28.0	2282.8	754.0	-13.5	-14.0	317.3	4.2	2.8	-3.1	281.7	286.4	1.7	95.6	1.9	180.
8.4	29.0	2394.6	743.0	-13.6	-14.2	319.7	4.8	3.1	-3.7	282.7	287.5	1.7	95.1	2.0	177.
8.8	30.0	2487.4	734.0	-13.6	-14.3	321.6	5.4	3.4	-4.3	283.7	288.5	1.7	94.8	2.0	175.
9.2	31.0	2591.7	724.0	-14.0	-14.7	322.6	6.0	3.6	-4.7	284.4	289.1	1.7	94.5	2.2	173.
9.6	32.0	2686.6	715.0	-14.7	-15.4	322.4	6.2	3.8	-4.9	284.6	289.1	1.6	94.6	2.3	172.
9.9	33.0	2793.2	705.0	-15.3	-15.9	320.9	6.0	3.8	-4.6	285.2	289.6	1.6	94.7	2.4	170.
10.3	34.0	2901.1	695.0	-15.7	-16.4	317.0	5.2	3.6	-3.8	285.9	290.2	1.5	94.6	2.6	168.
10.7	35.0	2988.5	687.0	-15.6	-16.3	310.3	4.4	3.3	-2.8	287.0	291.4	1.6	94.0	2.6	167.
11.2	36.0	3121.5	675.0	-16.0	-16.8	297.7	3.6	3.2	-1.7	287.9	292.3	1.5	93.2	2.7	166.
11.6	37.0	3233.9	665.0	-16.8	-17.8	288.1	3.5	3.3	-1.1	288.2	292.3	1.4	91.9	2.8	164.
12.1	38.0	3336.1	656.0	-17.6	-18.6	284.3	3.9	3.8	-1.0	288.4	292.3	1.3	91.7	2.8	163.
12.5	39.0	3427.9	648.0	-18.0	-19.2	285.9	4.4	4.3	-1.2	289.0	292.7	1.3	90.8	2.9	161.
12.9	40.0	3522.5	639.0	-18.3	-19.6	287.9	4.6	4.4	-1.4	289.8	293.5	1.3	89.7	2.9	159.
13.4	41.0	3661.9	628.0	-19.2	-20.7	288.5	4.6	4.3	-1.4	290.2	293.6	1.2	88.2	3.0	157.
13.8	42.0	3769.2	619.0	-20.1	-21.6	286.0	4.6	4.4	-1.3	290.4	293.6	1.1	87.4	3.1	155.
14.2	43.0	3877.7	610.0	-20.7	-22.3	282.3	4.8	4.7	-1.0	290.9	293.9	1.0	87.1	3.2	154.
14.7	44.0	3987.4	601.0	-21.8	-23.0	279.5	5.3	5.2	-0.9	290.8	293.8	1.0	89.8	3.3	152.
15.2	45.0	4086.0	593.0	-22.6	-23.9	280.3	5.9	5.8	-1.1	291.0	293.8	0.9	88.9	3.4	149.
15.6	46.0	4198.2	584.0	-23.0	-24.4	280.8	6.4	6.2	-1.2	291.8	294.5	0.9	88.3	3.5	148.
15.9	47.0	4312.0	575.0	-23.5	-24.9	279.4	6.6	6.5	-1.1	292.5	295.1	0.9	87.9	3.6	146.
16.3	48.0	4440.1	565.0	-24.2	-25.7	275.8	6.8	6.7	-0.7	293.2	295.7	0.8	87.5	3.7	144.
16.8	49.0	4544.0	557.0	-25.0	-26.4	271.1	6.9	6.9	-0.1	293.4	295.9	0.8	88.0	3.8	142.
17.3	50.0	4662.4	548.0	-25.4	-26.8	268.1	7.1	7.1	0.2	294.3	296.7	0.8	87.9	3.9	139.
17.8	51.0	4782.3	539.0	-26.7	-28.1	267.2	7.4	7.4	0.4	294.2	296.3	0.7	87.7	4.1	137.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN C AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
516 GMT

148 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.2	52.0	4903.7	530.0	-27.6	-29.0	267.5	7.8	7.8	0.3	294.5	296.5	0.6	87.4	4.2	135.
18.6	53.0	5013.0	522.0	-28.3	-29.8	268.0	8.2	8.2	0.3	295.0	296.9	0.6	86.4	4.3	133.
19.0	54.0	5123.6	514.0	-29.1	-30.5	268.2	8.7	8.7	0.3	295.3	297.1	0.6	86.7	4.4	131.
19.4	55.0	5221.5	507.0	-30.1	-31.5	267.6	9.1	9.1	0.4	295.2	296.9	0.5	86.8	4.6	130.
19.9	56.0	5363.1	497.0	-30.9	-32.3	267.7	9.4	9.4	0.4	295.9	297.5	0.5	87.5	4.8	127.
20.3	57.0	5478.1	489.0	-31.9	-33.3	269.6	9.6	9.6	0.1	296.0	297.5	0.5	87.3	5.0	126.
20.7	58.0	5579.8	482.0	-32.9	-34.1	271.8	9.9	9.9	-0.3	296.1	297.5	0.4	88.4	5.2	124.
21.1	59.0	5697.4	474.0	-33.5	-35.1	273.3	10.2	10.1	-0.6	296.7	298.0	0.4	85.4	5.4	123.
21.6	60.0	5816.7	466.0	-34.4	-37.1	272.9	10.5	10.5	-0.5	297.0	298.0	0.3	76.2	5.7	121.
22.0	61.0	5937.6	458.0	-35.4	-39.5	271.7	10.6	10.6	-0.3	297.3	298.1	0.3	65.5	5.9	120.
22.4	62.0	6044.7	451.0	-36.2	-40.8	271.5	10.8	10.8	-0.3	297.6	298.4	0.2	61.6	6.1	119.
22.9	63.0	6153.1	444.0	-37.1	-42.4	272.5	11.4	11.4	-0.5	297.7	298.4	0.2	57.2	6.4	118.
23.3	64.0	6262.7	437.0	-38.2	-43.7	273.7	12.0	12.0	-0.8	297.7	298.3	0.2	55.5	6.7	117.
23.7	65.0	6389.7	429.0	-39.0	-45.0	274.6	12.4	12.3	-1.0	298.3	298.8	0.2	52.4	6.9	116.
24.3	66.0	6534.7	420.0	-40.2	99.9	274.7	12.3	12.3	-1.0	298.6	999.9	99.9	999.9	7.4	114.
24.7	67.0	6649.2	413.0	-41.3	99.9	273.9	12.0	12.0	-0.8	298.6	999.9	99.9	999.9	7.7	114.
25.2	68.0	6765.0	406.0	-42.4	99.9	272.7	11.7	11.7	-0.5	298.7	999.9	99.9	999.9	8.0	113.
25.6	69.0	6882.3	399.0	-43.6	99.9	272.4	11.5	11.5	-0.5	299.6	999.9	99.9	999.9	8.3	112.
26.1	70.0	7001.0	392.0	-44.4	99.9	274.0	11.2	11.2	-0.8	299.0	999.9	99.9	999.9	8.6	111.
26.7	71.0	7138.8	384.0	-45.7	99.9	276.1	11.3	11.3	-1.2	299.1	999.9	99.9	999.9	8.9	111.
27.2	72.0	7261.1	377.0	-46.6	99.9	275.5	11.6	11.5	-1.1	299.5	999.9	99.9	999.9	9.3	110.
27.6	73.0	7367.4	371.0	-47.7	99.9	274.4	11.5	11.5	-0.9	299.4	999.9	99.9	999.9	9.6	110.
28.0	74.0	7492.9	364.0	-48.4	99.9	273.8	11.1	11.1	-0.7	300.0	999.9	99.9	999.9	9.9	109.
28.5	75.0	7620.5	357.0	-49.3	99.9	275.4	10.5	10.5	-1.0	300.5	999.9	99.9	999.9	10.1	109.
29.0	76.0	7731.4	351.0	-50.2	99.9	276.3	10.6	10.6	-1.2	300.8	999.9	99.9	999.9	10.4	109.
29.4	77.0	7843.8	345.0	-51.1	99.9	274.9	11.1	11.1	-0.9	301.1	999.9	99.9	999.9	10.7	108.
29.9	78.0	7976.8	338.0	-52.3	99.9	271.6	11.9	11.9	-0.3	301.2	999.9	99.9	999.9	11.0	108.
30.4	79.0	8092.4	332.0	-53.1	99.9	267.7	12.6	12.6	0.5	301.7	999.9	99.9	999.9	11.4	107.
30.8	80.0	8209.7	326.0	-54.0	99.9	264.8	12.9	12.8	1.2	302.0	999.9	99.9	999.9	11.7	107.
31.3	81.0	8368.7	318.0	-55.4	99.9	262.0	13.0	12.9	1.8	302.1	999.9	99.9	999.9	12.0	106.
31.8	82.0	8489.9	312.0	-56.2	99.9	260.8	13.1	12.9	2.1	302.7	999.9	99.9	999.9	12.4	105.
32.3	83.0	8592.4	307.0	-57.2	99.9	261.9	13.4	13.3	1.9	302.7	999.9	99.9	999.9	12.7	104.
32.7	84.0	8716.9	301.0	-58.1	99.9	264.0	13.8	13.8	1.4	303.2	999.9	99.9	999.9	13.0	104.
33.1	85.0	8843.5	295.0	-58.9	99.9	266.3	14.4	14.4	0.9	303.8	999.9	99.9	999.9	13.4	103.
33.7	86.0	8994.0	288.0	-59.6	99.9	268.1	15.5	15.4	0.5	304.9	999.9	99.9	999.9	13.9	103.
34.1	87.0	9125.7	282.0	-59.8	99.9	268.1	16.1	16.1	0.5	306.5	999.9	99.9	999.9	14.3	102.
34.6	88.0	9237.3	277.0	-60.5	99.9	267.0	16.7	16.6	0.9	307.1	999.9	99.9	999.9	14.7	102.
35.1	89.0	9373.9	271.0	-59.8	99.9	264.6	16.7	16.7	1.6	310.0	999.9	99.9	999.9	15.2	101.
35.5	90.0	9513.9	265.0	-59.6	99.9	261.4	16.3	16.1	2.4	312.2	999.9	99.9	999.9	15.7	101.
36.0	91.0	9633.1	260.0	-59.4	99.9	257.1	15.2	14.9	3.4	314.2	999.9	99.9	999.9	16.1	100.
36.5	92.0	9754.8	255.0	-59.1	99.9	254.6	14.6	14.1	3.9	316.5	999.9	99.9	999.9	16.5	100.
37.0	93.0	9878.9	250.0	-59.2	99.9	253.2	15.0	14.4	4.3	318.0	999.9	99.9	999.9	16.8	99.
37.4	94.0	10031.2	244.0	-58.9	99.9	251.1	15.7	14.8	5.1	320.7	999.9	99.9	999.9	17.2	99.
37.9	95.0	10161.1	239.0	-59.2	99.9	247.5	16.4	15.2	6.3	322.1	999.9	99.9	999.9	17.6	98.
38.6	96.0	10321.1	233.0	-57.2	99.9	243.5	17.4	15.6	7.8	327.5	999.9	99.9	999.9	18.2	97.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
516 GMT

148 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
39.1	97.0	10458.6	220.0	-56.4	99.9	243.1	18.3	16.3	3.3	330.8	999.9	99.9	999.9	18.6	96.
39.5	98.0	10599.6	223.0	-55.8	99.9	243.8	18.9	16.9	3.3	333.9	999.9	99.9	999.9	19.0	95.
40.1	99.0	10744.2	218.0	-55.1	99.9	246.3	19.3	17.7	7.8	337.1	999.9	99.9	999.9	19.6	94.
40.7	100.0	10862.7	214.0	-54.3	99.9	250.0	19.4	18.3	6.6	340.1	999.9	99.9	999.9	20.3	93.
41.4	101.0	11045.1	208.0	-54.0	99.9	254.3	19.0	18.3	5.1	343.4	999.9	99.9	999.9	21.0	92.
41.9	102.0	11201.5	203.0	-53.4	99.9	255.4	18.7	18.1	4.7	346.8	999.9	99.9	999.9	21.6	92.
42.5	103.0	11329.7	199.0	-53.1	99.9	254.7	18.9	18.2	5.0	349.2	999.9	99.9	999.9	22.2	91.
43.1	104.0	11493.4	194.0	-53.9	99.9	253.3	19.4	18.6	5.6	350.5	999.9	99.9	999.9	22.9	91.
43.6	105.0	11627.2	190.0	-54.0	99.9	251.6	18.9	17.9	6.0	352.4	999.9	99.9	999.9	23.4	90.
44.2	106.0	11798.4	185.0	-53.9	99.9	249.0	16.9	15.8	6.1	355.3	999.9	99.9	999.9	24.1	90.
44.7	107.0	11938.9	181.0	-53.7	99.9	248.6	15.5	14.4	5.7	357.8	999.9	99.9	999.9	24.5	89.
45.3	108.0	12082.6	177.0	-53.4	99.9	250.5	14.9	14.1	5.0	360.6	999.9	99.9	999.9	25.0	89.
45.9	109.0	12229.7	173.0	-53.7	99.9	250.4	15.2	14.3	5.1	362.5	999.9	99.9	999.9	25.5	89.
46.5	110.0	12380.3	169.0	-52.9	99.9	248.4	16.0	14.9	5.9	366.2	999.9	99.9	999.9	26.0	88.
47.2	111.0	12574.3	164.0	-52.3	99.9	250.0	16.8	15.8	5.8	370.4	999.9	99.9	999.9	26.7	88.
47.9	112.0	12733.9	160.0	-52.6	99.9	250.5	17.0	16.0	5.7	372.5	999.9	99.9	999.9	27.4	87.
48.4	113.0	12897.4	156.0	-52.9	99.9	247.6	17.3	16.0	6.6	374.7	999.9	99.9	999.9	27.9	87.
49.0	114.0	13064.9	152.0	-53.1	99.9	246.8	18.8	17.3	7.4	377.2	999.9	99.9	999.9	28.4	86.
49.6	115.0	13236.9	148.0	-52.9	99.9	252.0	20.1	19.1	6.2	380.4	999.9	99.9	999.9	29.1	86.
50.2	115.0	13458.1	143.0	-53.9	99.9	257.2	20.0	19.5	4.4	382.5	999.9	99.9	999.9	29.9	86.
50.9	117.0	13594.1	140.0	-54.3	99.9	258.6	20.2	19.8	4.0	384.0	999.9	99.9	999.9	30.6	86.
51.5	118.0	13779.8	136.0	-54.6	99.9	256.2	21.0	20.4	5.0	386.6	999.9	99.9	999.9	31.4	85.
52.1	119.0	13971.2	132.0	-53.9	99.9	254.2	20.9	20.1	5.7	391.4	999.9	99.9	999.9	32.2	85.
52.9	120.0	14119.2	129.0	-53.1	99.9	254.7	20.9	20.1	5.5	395.3	999.9	99.9	999.9	33.1	85.
53.4	121.0	14322.2	125.0	-53.1	99.9	255.1	19.9	19.2	5.1	398.9	999.9	99.9	999.9	33.8	85.
54.1	122.0	14478.6	122.0	-53.7	99.9	255.0	18.6	17.9	4.8	400.6	999.9	99.9	999.9	34.5	84.
54.7	123.0	14638.3	119.0	-54.5	99.9	255.3	19.9	19.2	5.1	402.0	999.9	99.9	999.9	35.2	84.
55.3	124.0	14801.7	116.0	-55.0	99.9	255.1	22.2	21.4	5.7	404.0	999.9	99.9	999.9	35.9	84.
55.9	125.0	15025.8	112.0	-55.3	99.9	253.1	23.3	22.3	6.8	407.5	999.9	99.9	999.9	36.8	84.
56.7	126.0	15257.8	108.0	-55.4	99.9	251.4	21.3	20.2	6.8	411.5	999.9	99.9	999.9	37.9	83.
57.4	127.0	15437.4	105.0	-55.6	99.9	257.0	21.0	20.5	4.7	414.5	999.9	99.9	999.9	38.6	83.
58.1	129.0	15622.1	102.0	-55.8	99.9	262.1	22.8	22.6	3.1	417.6	999.9	99.9	999.9	39.6	83.
58.8	129.0	15812.0	99.0	-56.1	99.9	263.1	23.3	23.1	2.8	420.6	999.9	99.9	999.9	40.6	83.
59.4	130.0	16007.3	96.0	-56.9	99.9	263.0	22.9	22.7	2.8	422.7	999.9	99.9	999.9	41.5	83.
60.3	131.0	16276.2	92.0	-58.1	99.9	261.5	21.0	20.7	3.1	425.6	999.9	99.9	999.9	42.6	83.
61.0	132.0	16484.8	89.0	-58.6	99.9	260.9	20.4	20.1	3.2	428.6	999.9	99.9	999.9	43.5	83.
61.8	133.0	16700.3	86.0	-58.7	99.9	262.5	19.5	19.4	2.5	432.5	999.9	99.9	999.9	44.4	83.
62.5	134.0	16923.0	83.0	-59.2	99.9	262.8	17.2	17.1	2.2	435.9	999.9	99.9	999.9	45.3	83.
63.3	135.0	17075.8	81.0	-59.4	99.9	259.8	18.0	17.7	3.2	438.6	999.9	99.9	999.9	46.0	83.
64.2	136.0	17392.8	77.0	-59.4	99.9	255.2	19.3	18.7	4.9	445.0	999.9	99.9	999.9	47.1	83.
65.1	137.0	17642.0	74.0	-58.7	99.9	253.9	20.3	19.5	5.6	451.5	999.9	99.9	999.9	48.1	83.
66.1	138.0	17902.4	71.0	-57.9	99.9	258.1	19.9	19.5	4.1	458.7	999.9	99.9	999.9	49.3	83.
67.0	139.0	18173.6	68.0	-59.6	99.9	264.4	17.7	17.7	1.7	460.7	999.9	99.9	999.9	50.3	82.
67.9	140.0	18551.4	64.0	-61.2	99.9	268.4	17.0	17.0	0.5	465.3	999.9	99.9	999.9	51.3	83.
68.9	141.0	18748.5	62.0	-61.3	99.9	267.8	16.0	16.0	0.6	469.2	999.9	99.9	999.9	52.2	83.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
516 GMT

148 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
69.9	142.0	19161.9	58.0	-61.7	99.9	264.9	22.8	22.7	2.0	477.4	999.9	99.9	999.9	53.5	83.
71.0	143.0	19490.3	55.0	-62.4	99.9	269.0	22.8	22.8	0.4	483.0	999.9	99.9	999.9	55.1	83.
72.1	144.0	19836.8	52.0	-62.1	99.9	273.7	22.3	22.3	-1.4	491.7	999.9	99.9	999.9	56.7	83.
73.2	145.0	20203.2	49.0	-63.2	99.9	275.4	21.2	21.1	-2.0	497.5	999.9	99.9	999.9	57.8	83.
74.3	146.0	20590.6	46.0	-64.5	99.9	278.9	22.1	21.9	-3.4	503.4	999.9	99.9	999.9	59.2	84.
75.6	147.0	21001.9	43.0	-65.5	99.9	277.5	20.9	20.7	-2.7	510.8	999.9	99.9	999.9	60.8	84.
76.9	148.0	21292.2	41.0	-64.7	99.9	278.0	20.9	20.7	-2.9	519.8	999.9	99.9	999.9	62.3	85.
78.2	149.0	21755.1	38.0	-65.6	99.9	277.6	20.7	20.6	-2.7	528.7	999.9	99.9	999.9	63.9	85.
79.8	150.0	22254.2	35.0	-66.2	99.9	273.8	23.1	23.0	-1.5	539.8	999.9	99.9	999.9	66.0	85.
81.3	151.0	22798.9	32.0	-65.1	99.9	272.7	23.7	23.7	-1.1	556.9	999.9	99.9	999.9	68.1	85.
83.1	152.0	23398.9	29.0	-65.1	99.9	275.7	25.6	25.5	-2.6	572.8	999.9	99.9	999.9	70.4	86.
84.8	153.0	24061.7	26.0	-66.8	99.9	275.3	24.5	24.4	-2.3	585.9	999.9	99.9	999.9	73.1	86.
87.1	154.0	24804.1	23.0	-66.0	99.9	999.9	99.9	99.9	99.9	609.2	999.9	99.9	999.9	999.9	999.

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
1115 GMT

150 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	210.0	981.4	-2.8	-3.2	260.0	5.7	5.6	1.0	272.2	280.0	3.1	97.0	0.0	0.
0.2	8.0	253.7	976.0	-3.5	-4.3	6.2	6.8	-0.7	-6.7	271.9	279.2	2.8	93.8	0.5	73.
0.5	9.0	343.1	965.0	-5.0	-5.5	6.2	6.8	-0.7	-6.7	271.2	278.0	2.6	96.3	0.5	73.
0.9	10.0	433.3	954.0	-5.2	-5.5	334.1	6.7	2.9	-5.1	272.0	278.8	2.7	97.1	0.5	91.
1.3	11.0	549.5	940.0	-5.3	-5.5	315.1	8.9	6.3	-5.3	273.0	279.9	2.7	97.5	0.6	103.
1.6	12.0	633.5	930.0	-5.6	-6.0	309.2	10.0	7.8	-6.3	273.5	280.3	2.6	97.3	0.8	108.
1.9	13.0	726.7	919.0	-6.5	-6.8	307.4	9.3	7.4	-5.6	273.5	280.0	2.5	97.8	1.0	114.
2.2	14.0	820.9	908.0	-6.8	-7.1	300.8	8.3	7.1	-4.3	274.1	280.5	2.5	97.7	1.1	115.
2.6	15.0	916.0	897.0	-7.3	-7.6	299.2	7.5	7.1	-2.5	274.6	280.9	2.4	97.6	1.3	114.
3.0	16.0	1029.7	884.0	-8.2	-8.5	285.6	7.8	7.5	-2.1	274.8	280.8	2.3	97.5	1.5	114.
3.3	17.0	1118.1	874.0	-8.4	-9.9	282.5	8.0	7.8	-1.7	275.4	280.8	2.1	89.1	1.6	113.
3.6	18.0	1216.3	863.0	-8.9	-10.7	279.5	8.1	8.0	-1.3	275.9	281.1	2.0	86.8	1.8	112.
3.9	19.0	1315.5	852.0	-9.8	-11.4	276.0	7.9	7.9	-0.8	276.0	281.0	1.9	88.0	1.9	111.
4.2	20.0	1406.6	842.0	-10.3	-11.7	272.6	8.0	8.0	-0.4	276.3	281.2	1.8	89.5	2.1	110.
4.6	21.0	1517.1	830.0	-11.2	-12.1	269.0	8.2	8.2	0.1	276.5	281.4	1.8	92.7	2.2	108.
4.9	22.0	1610.1	820.0	-11.9	-12.6	267.6	8.3	8.3	0.3	276.7	281.5	1.8	94.6	2.4	107.
5.2	23.0	1713.4	809.0	-12.6	-13.2	266.8	8.8	8.8	0.5	277.0	281.6	1.7	95.1	2.5	106.
5.6	24.0	1808.2	799.0	-13.3	-13.9	266.6	9.6	9.6	0.6	277.2	281.7	1.6	95.4	2.7	104.
5.8	25.0	1904.1	789.0	-14.0	-14.5	266.9	10.1	10.1	0.5	277.5	281.7	1.6	95.1	2.8	103.
6.2	26.0	2020.4	777.0	-14.3	-14.9	266.4	10.3	10.3	0.7	278.4	282.6	1.5	94.9	3.1	102.
6.5	27.0	2128.4	766.0	-15.1	-15.8	265.0	9.9	9.8	0.9	278.6	282.6	1.5	94.6	3.3	101.
6.9	28.0	2217.8	757.0	-15.6	-16.2	263.6	10.3	10.3	0.3	279.1	283.0	1.4	94.5	3.5	100.
7.2	29.0	2318.2	747.0	-15.7	-16.4	270.2	10.8	10.8	-0.0	280.0	283.9	1.4	94.3	3.7	100.
7.6	30.0	2419.8	737.0	-16.2	-16.9	271.2	11.6	11.6	-0.2	280.5	284.3	1.4	94.6	3.9	99.
7.9	31.0	2512.3	728.0	-16.1	-16.7	270.8	12.3	12.3	-0.2	281.6	285.6	1.4	95.0	4.2	99.
8.2	32.0	2616.7	718.0	-15.7	-16.3	270.0	12.8	12.8	-0.0	283.2	287.4	1.5	95.1	4.4	98.
8.6	33.0	2722.5	708.0	-16.0	-16.7	268.8	13.5	13.5	0.3	284.0	288.2	1.5	94.5	4.7	98.
8.9	34.0	2829.6	698.0	-16.7	-17.5	268.1	13.8	13.8	0.5	284.4	288.3	1.4	92.7	5.0	97.
9.2	35.0	2927.0	689.0	-17.3	-18.4	268.2	14.1	14.1	0.5	284.7	288.4	1.3	91.7	5.2	97.
9.7	36.0	3047.6	678.0	-17.9	-18.9	269.4	14.5	14.5	1.1	285.4	289.0	1.3	91.4	5.6	96.
10.0	37.0	3158.7	668.0	-18.3	-19.4	270.7	14.8	14.8	-1.2	286.2	289.7	1.2	91.2	5.9	96.
10.3	38.0	3259.9	659.0	-19.0	-20.2	271.5	15.1	15.1	-0.4	286.5	289.8	1.2	90.0	6.1	96.
10.7	39.0	3362.1	650.0	-19.8	-21.1	271.5	15.3	15.3	-0.4	286.7	289.8	1.1	88.8	6.5	96.
11.0	40.0	3465.6	641.0	-20.1	-21.3	270.8	15.4	15.4	-0.2	287.5	290.7	1.1	89.4	6.8	96.
11.4	41.0	3593.9	630.0	-20.5	-21.5	268.8	15.5	15.5	0.3	288.5	291.7	1.1	91.0	7.2	95.
11.8	42.0	3700.4	621.0	-20.9	-22.0	267.2	15.4	15.4	0.8	289.2	292.3	1.1	90.7	7.5	95.
12.0	43.0	3796.1	613.0	-21.7	-23.0	266.4	15.4	15.4	1.0	289.4	292.3	1.0	89.2	7.7	95.
12.4	44.0	3905.0	604.0	-22.5	-23.9	265.8	15.4	15.4	1.1	289.7	292.4	0.9	87.6	8.1	94.
12.8	45.0	4015.1	595.0	-23.4	-24.9	265.9	15.6	15.6	1.1	289.8	292.4	0.8	87.5	8.4	94.
13.1	46.0	4114.1	587.0	-23.9	-25.4	266.4	15.9	15.9	1.0	290.3	292.8	0.8	87.4	8.7	93.
13.5	47.0	4226.7	578.0	-24.7	-26.5	267.6	16.5	16.4	0.7	290.7	293.0	0.8	85.1	9.1	93.
13.8	48.0	4340.8	569.0	-25.4	-27.0	268.8	16.6	16.6	0.3	291.2	293.4	0.7	85.8	9.4	93.
14.1	49.0	4443.5	561.0	-26.2	-27.8	270.0	16.6	16.6	0.0	291.4	293.5	0.7	85.7	9.7	93.
14.4	50.0	4547.2	553.0	-27.1	-29.1	271.0	16.4	16.4	-0.3	291.6	293.5	0.6	83.0	10.0	93.
14.9	51.0	4692.0	542.0	-27.6	-27.6	271.9	16.2	16.2	-1.5	292.6	294.8	0.7	119.8	10.5	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
1115 GMT

150 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.3	52.0	4798.8	534.0	-28.5	-30.7	271.9	16.4	16.4	-0.5	292.7	294.4	0.5	80.9	10.9	93.
15.7	53.0	4906.8	526.0	-29.3	-31.5	271.7	16.7	16.7	-0.5	293.1	294.7	0.5	80.8	11.3	93.
16.0	54.0	5002.4	519.0	-29.9	-32.9	271.5	17.1	17.1	-0.5	293.4	294.8	0.5	74.9	11.6	93.
16.3	55.0	5112.8	511.0	-31.3	-35.4	271.2	17.2	17.2	-0.4	293.1	294.3	0.4	66.7	11.9	93.
16.8	56.0	5252.5	501.0	-32.3	-37.3	270.5	17.4	17.4	-0.1	293.5	294.5	0.3	60.7	12.4	93.
17.1	57.0	5366.0	493.0	-33.0	-39.3	270.0	17.4	17.4	0.0	294.0	294.8	0.3	52.5	12.7	93.
17.5	58.0	5480.9	485.0	-33.9	-40.9	269.4	17.4	17.4	0.2	294.3	295.0	0.2	49.4	13.2	92.
17.9	59.0	5597.3	477.0	-34.5	-41.9	269.2	17.5	17.5	0.3	294.9	295.5	0.2	46.4	13.6	92.
18.3	60.0	5700.4	470.0	-35.4	-42.7	269.1	17.8	17.8	0.3	295.0	295.6	0.2	46.8	14.0	92.
18.7	61.0	5819.8	462.0	-36.4	-43.5	269.9	18.3	18.3	0.4	295.3	295.8	0.2	47.0	14.4	92.
19.0	62.0	5925.4	455.0	-37.4	-44.8	268.6	18.8	18.8	0.4	295.2	295.8	0.2	47.9	14.7	92.
19.4	63.0	6047.7	447.0	-38.2	-44.7	267.8	19.0	19.0	0.7	295.7	296.2	0.2	50.2	15.2	92.
19.8	64.0	6156.1	440.0	-39.3	-45.2	266.8	19.0	18.9	1.1	295.7	296.2	0.1	53.0	15.7	92.
20.2	65.0	6281.5	432.0	-40.2	99.9	265.9	19.1	19.0	1.4	296.1	999.9	99.9	999.9	16.1	92.
20.8	66.0	6424.8	423.0	-41.3	99.9	265.6	19.8	19.7	1.5	296.5	999.9	99.9	999.9	16.8	91.
21.1	67.0	6537.9	416.0	-42.1	99.9	265.8	20.3	20.2	1.5	296.9	999.9	99.9	999.9	17.1	91.
21.5	68.0	6652.5	409.0	-43.2	99.9	266.1	20.8	20.8	1.4	296.9	999.9	99.9	999.9	17.7	91.
21.9	69.0	6768.5	402.0	-44.2	99.9	265.9	21.0	20.9	1.5	297.1	999.9	99.9	999.9	18.2	91.
22.3	70.0	6886.0	395.0	-45.2	99.9	265.3	20.9	20.8	1.7	297.4	999.9	99.9	999.9	18.7	91.
22.8	71.0	7022.3	387.0	-46.4	99.9	264.5	20.5	20.4	2.0	297.5	999.9	99.9	999.9	19.3	91.
23.1	72.0	7143.3	380.0	-47.3	99.9	264.1	20.0	19.9	2.1	297.9	999.9	99.9	999.9	19.7	91.
23.5	73.0	7266.0	373.0	-48.4	99.9	263.5	19.4	19.3	2.2	298.0	999.9	99.9	999.9	20.1	90.
23.9	74.0	7372.5	367.0	-49.3	99.9	263.2	19.4	19.2	2.3	298.2	999.9	99.9	999.9	20.6	90.
24.3	75.0	7516.7	359.0	-50.3	99.9	263.2	19.7	19.5	2.3	298.7	999.9	99.9	999.9	21.0	90.
24.8	76.0	7626.4	353.0	-51.5	99.9	263.3	19.9	19.8	2.3	298.5	999.9	99.9	999.9	21.6	90.
25.1	77.0	7756.1	346.0	-52.7	99.9	263.5	19.8	19.7	2.3	298.6	999.9	99.9	999.9	22.0	90.
25.5	78.0	7868.8	340.0	-53.7	99.9	263.5	19.4	19.3	2.2	298.8	999.9	99.9	999.9	22.5	90.
25.9	79.0	7983.0	334.0	-54.7	99.9	263.3	19.0	18.9	2.2	298.9	999.9	99.9	999.9	22.9	90.
26.3	80.0	8118.2	327.0	-55.5	99.9	262.6	18.8	18.6	2.4	299.6	999.9	99.9	999.9	23.4	89.
26.9	81.0	8255.7	320.0	-57.0	99.9	260.9	19.0	18.7	3.0	299.5	999.9	99.9	999.9	24.0	89.
27.3	82.0	8375.3	314.0	-58.0	99.9	259.6	19.1	18.8	3.5	299.7	999.9	99.9	999.9	24.5	89.
27.8	83.0	8496.6	308.0	-59.0	99.9	257.9	18.8	18.4	3.9	300.0	999.9	99.9	999.9	25.1	89.
28.2	84.0	8619.7	302.0	-59.8	99.9	256.6	18.4	17.9	4.3	300.5	999.9	99.9	999.9	25.5	89.
28.8	85.0	8744.9	296.0	-60.5	99.9	254.8	18.8	18.1	4.9	301.2	999.9	99.9	999.9	26.1	88.
29.2	86.0	8894.1	289.0	-60.3	99.9	253.7	19.6	18.8	5.5	303.5	999.9	99.9	999.9	26.5	88.
29.7	87.0	9047.1	282.0	-59.8	99.9	252.6	20.4	19.5	6.1	306.4	999.9	99.9	999.9	27.2	88.
30.2	88.0	9181.5	276.0	-59.7	99.9	252.4	20.9	20.0	6.3	308.5	999.9	99.9	999.9	27.7	87.
30.8	89.0	9295.8	271.0	-60.0	99.9	253.8	21.0	20.2	5.9	309.7	999.9	99.9	999.9	28.5	87.
31.0	90.0	9435.6	265.0	-59.8	99.9	254.4	20.9	20.1	5.6	311.9	999.9	99.9	999.9	28.8	87.
31.4	91.0	9554.9	260.0	-58.8	99.9	255.7	19.5	18.9	4.8	315.1	999.9	99.9	999.9	29.3	87.
31.9	92.0	9701.5	254.0	-58.8	99.9	257.2	17.8	17.4	3.9	317.2	999.9	99.9	999.9	29.8	86.
32.4	93.0	9826.2	249.0	-59.3	99.9	258.4	17.0	16.7	3.4	318.3	999.9	99.9	999.9	30.3	86.
32.9	94.0	9953.4	244.0	-58.6	99.9	258.8	17.4	17.1	3.4	321.1	999.9	99.9	999.9	30.8	86.
33.4	95.0	10083.8	239.0	-57.6	99.9	259.7	18.7	18.4	3.4	324.5	999.9	99.9	999.9	31.3	86.
34.0	96.0	10272.0	232.0	-56.5	99.9	262.2	20.3	20.1	2.8	329.0	999.9	99.9	999.9	32.0	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
1115 GMT

150 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.4	97.0	10410.3	227.0	-56.3	99.9	264.0	20.0	19.9	2.1	331.3	999.9	99.9	999.9	32.5	86.
35.0	98.0	10551.7	222.0	-56.3	99.9	265.6	18.2	18.2	1.4	333.5	999.9	99.9	999.9	33.3	86.
35.5	99.0	10696.9	217.0	-54.7	99.9	265.9	17.4	17.4	1.2	338.1	999.9	99.9	999.9	33.7	86.
36.0	100.0	10846.4	212.0	-53.8	99.9	265.9	18.3	18.3	1.3	341.8	999.9	99.9	999.9	34.2	86.
36.7	101.0	11030.9	206.0	-53.7	99.9	265.9	18.5	18.4	1.3	344.9	999.9	99.9	999.9	35.1	86.
37.2	102.0	11156.6	202.0	-55.1	99.9	265.9	17.4	17.3	1.2	344.6	999.9	99.9	999.9	35.6	86.
37.8	103.0	11316.4	197.0	-55.9	99.9	265.9	16.5	16.5	1.2	345.8	999.9	99.9	999.9	36.2	86.
38.2	104.0	11480.0	192.0	-55.9	99.9	265.9	16.8	16.7	1.2	348.4	999.9	99.9	999.9	36.6	86.
38.8	105.0	11614.4	188.0	-54.6	99.9	265.9	17.7	17.7	1.3	352.5	999.9	99.9	999.9	37.2	86.
39.2	106.0	11787.2	183.0	-54.0	99.9	265.9	18.1	18.1	1.3	356.3	999.9	99.9	999.9	37.6	86.
39.8	107.0	11929.0	179.0	-54.3	99.9	265.9	17.7	17.7	1.3	358.0	999.9	99.9	999.9	38.3	86.
40.3	108.0	12074.2	175.0	-53.5	99.9	265.9	17.0	16.9	1.2	361.6	999.9	99.9	999.9	38.8	86.
40.9	109.0	12260.7	170.0	-53.5	99.9	265.8	16.4	16.4	1.2	364.6	999.9	99.9	999.9	39.4	86.
41.4	110.0	12414.0	166.0	-53.2	99.9	265.3	16.5	16.5	1.4	367.6	999.9	99.9	999.9	39.9	86.
42.1	111.0	12611.1	161.0	-52.9	99.9	263.7	17.7	17.6	1.9	371.4	999.9	99.9	999.9	40.6	86.
42.7	112.0	12773.2	157.0	-53.5	99.9	262.6	18.4	18.3	2.4	373.0	999.9	99.9	999.9	41.3	86.
43.2	113.0	12939.5	153.0	-53.0	99.9	262.3	18.0	17.9	2.4	376.6	999.9	99.9	999.9	41.9	86.
43.8	114.0	13110.4	149.0	-52.7	99.9	263.1	17.3	17.2	2.1	380.0	999.9	99.9	999.9	42.5	86.
44.3	115.0	13285.9	145.0	-53.2	99.9	263.9	17.6	17.5	1.9	382.1	999.9	99.9	999.9	43.0	86.
44.9	116.0	13466.0	141.0	-53.5	99.9	263.8	18.8	18.7	2.0	384.7	999.9	99.9	999.9	43.6	86.
45.5	117.0	13650.8	137.0	-54.4	99.9	263.2	19.1	19.0	2.3	386.2	999.9	99.9	999.9	44.3	86.
46.1	118.0	13840.3	133.0	-55.1	99.9	263.8	17.2	17.1	1.8	388.4	999.9	99.9	999.9	45.1	86.
46.8	119.0	13986.0	130.0	-55.2	99.9	265.2	16.2	16.1	1.4	390.6	999.9	99.9	999.9	45.6	86.
47.3	120.0	14186.0	126.0	-54.3	99.9	265.5	16.6	16.5	1.3	395.8	999.9	99.9	999.9	46.1	86.
47.9	121.0	14340.5	123.0	-54.3	99.9	265.6	16.8	16.8	1.3	398.6	999.9	99.9	999.9	46.7	86.
48.5	122.0	14552.4	119.0	-54.3	99.9	265.6	16.2	16.1	1.2	402.4	999.9	99.9	999.9	47.4	86.
49.1	123.0	14715.9	116.0	-54.9	99.9	265.0	16.2	16.2	1.4	404.1	999.9	99.9	999.9	47.9	86.
49.8	124.0	14883.5	113.0	-54.6	99.9	262.5	19.2	19.0	2.5	407.8	999.9	99.9	999.9	48.6	86.
50.3	125.0	15114.6	109.0	-54.0	99.9	261.0	20.8	20.5	3.2	413.2	999.9	99.9	999.9	49.3	86.
51.1	126.0	15354.4	105.0	-54.4	99.9	261.3	18.9	18.7	2.9	416.7	999.9	99.9	999.9	50.3	85.
51.8	127.0	15539.7	102.0	-55.4	99.9	261.1	18.3	18.1	2.8	418.4	999.9	99.9	999.9	50.9	85.
52.4	128.0	15729.8	99.0	-56.0	99.9	259.2	19.3	19.0	3.6	420.7	999.9	99.9	999.9	51.7	85.
53.1	129.0	15925.5	96.0	-56.0	99.9	258.8	18.9	18.6	3.7	424.4	999.9	99.9	999.9	52.5	85.
53.8	130.0	16127.1	93.0	-56.8	99.9	260.1	19.2	18.9	3.3	426.7	999.9	99.9	999.9	53.2	85.
54.5	131.0	16405.6	89.0	-57.0	99.9	260.7	20.5	20.3	3.3	431.8	999.9	99.9	999.9	54.1	85.
55.1	132.0	16622.7	86.0	-57.0	99.9	260.9	21.1	20.9	3.3	436.1	999.9	99.9	999.9	54.8	85.
55.9	133.0	16847.1	83.0	-57.8	99.9	262.5	21.0	20.8	2.8	438.8	999.9	99.9	999.9	55.9	85.
56.7	134.0	17079.0	80.0	-58.3	99.9	264.3	18.5	18.4	1.8	442.5	999.9	99.9	999.9	56.9	85.
57.5	135.0	17238.5	78.0	-57.8	99.9	264.9	16.9	16.8	1.5	446.7	999.9	99.9	999.9	57.6	85.
58.4	136.0	17570.6	74.0	-57.8	99.9	264.9	17.9	17.8	1.6	453.5	999.9	99.9	999.9	58.6	85.
59.3	137.0	17831.0	71.0	-59.0	99.9	267.1	17.4	17.3	0.9	456.4	999.9	99.9	999.9	59.5	85.
60.1	138.0	18100.7	68.0	-60.7	99.9	274.5	17.4	17.3	-1.4	458.4	999.9	99.9	999.9	60.4	85.
61.1	139.0	18380.8	65.0	-61.7	99.9	278.2	20.2	20.0	-2.9	462.0	999.9	99.9	999.9	61.4	85.
62.1	140.0	18673.7	62.0	-61.4	99.9	281.0	23.8	23.3	-4.5	469.1	999.9	99.9	999.9	62.7	85.
63.1	141.0	18980.8	59.0	-62.1	99.9	279.2	21.9	21.6	-3.5	474.2	999.9	99.9	999.9	64.2	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
1115 GMT

150 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
64.0	142.0	19302.7	56.0	-63.0	99.9	274.9	18.9	18.8	-1.6	479.2	999.9	99.9	999.9	65.2	86.
65.1	143.0	19641.6	53.0	-63.0	99.9	268.1	19.0	18.9	0.6	486.8	999.9	99.9	999.9	66.4	86.
66.1	144.0	20001.5	50.0	-61.6	99.9	264.9	21.8	21.7	1.9	498.4	999.9	99.9	999.9	67.6	86.
67.4	145.0	20384.7	47.0	-61.9	99.9	275.5	20.7	20.6	-2.0	506.5	999.9	99.9	999.9	69.3	86.
68.5	146.0	20791.4	44.0	-63.4	99.9	280.8	20.2	19.8	-3.8	512.6	999.9	99.9	999.9	70.6	86.
69.8	147.0	21223.3	41.0	-65.3	99.9	275.2	22.5	22.4	-2.0	518.3	999.9	99.9	999.9	72.1	87.
71.1	148.0	21685.0	38.0	-66.2	99.9	277.9	27.6	27.3	-3.8	527.2	999.9	99.9	999.9	74.2	87.
72.5	149.0	22182.5	35.0	-67.0	99.9	278.0	20.7	20.5	-2.9	537.7	999.9	99.9	999.9	76.3	87.
73.9	150.0	22537.0	33.0	-67.8	99.9	281.6	23.1	22.6	-6.6	544.7	999.9	99.9	999.9	77.9	88.
75.4	151.0	23108.8	30.0	-68.9	99.9	281.9	28.2	27.6	-5.8	556.9	999.9	99.9	999.9	80.1	88.
77.2	152.0	23741.8	27.0	-67.2	99.9	285.6	30.6	29.5	-8.2	578.6	999.9	99.9	999.9	83.3	89.
79.2	153.0	24452.7	24.0	-67.0	99.9	271.3	26.6	26.6	-0.6	599.0	999.9	99.9	999.9	86.8	89.
81.2	154.0	24977.8	22.0	-67.2	99.9	269.0	25.3	25.3	0.4	613.5	999.9	99.9	999.9	89.3	89.
83.5	155.0	25866.3	19.0	-65.3	99.9	269.0	28.3	28.3	0.5	645.9	999.9	99.9	999.9	93.5	89.
86.3	156.0	26921.6	16.0	-61.7	99.9	999.9	99.9	99.9	99.9	689.8	999.9	99.9	999.9	999.9	999.

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
1415 GMT

157 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	210.0	983.1	-6.7	-9.0	290.0	11.3	10.6	-5.9	268.0	272.7	1.8	78.0	0.0	0.
0.3	8.0	266.5	976.0	-7.4	-11.9	299.3	13.2	11.5	-5.5	267.8	271.9	1.6	70.1	0.4	117.
0.7	9.0	362.6	964.0	-9.0	-13.1	299.3	13.6	11.9	-5.6	267.1	270.9	1.4	72.2	0.6	118.
1.0	10.0	443.2	954.0	-10.0	-13.4	299.2	14.2	12.4	-6.9	266.9	270.6	1.4	76.5	0.8	118.
1.4	11.0	557.0	940.0	-11.1	-13.3	303.7	14.0	11.6	-7.7	267.0	270.8	1.5	83.4	1.2	118.
1.7	12.0	647.4	929.0	-11.5	-13.4	307.9	13.9	11.0	-8.6	267.4	271.3	1.5	85.8	1.4	120.
2.1	13.0	738.8	918.0	-11.6	-12.5	312.1	13.7	10.2	-9.2	268.2	272.3	1.6	92.1	1.7	122.
2.3	14.0	822.9	908.0	-10.8	-12.7	311.1	13.0	9.8	-8.5	269.9	274.3	1.7	89.2	1.9	123.
2.6	15.0	916.7	897.0	-10.5	-12.0	308.2	11.8	9.3	-7.3	271.2	275.6	1.7	88.6	2.2	124.
3.1	16.0	1029.1	884.0	-10.9	-12.6	297.2	10.2	9.0	-4.7	271.9	276.2	1.6	87.5	2.4	124.
3.4	17.0	1125.4	873.0	-10.6	-12.2	299.4	9.8	9.2	-3.3	273.1	277.7	1.7	88.2	2.6	123.
3.7	18.0	1214.0	863.0	-10.9	-11.9	276.8	8.8	8.7	-1.0	273.7	278.5	1.8	92.2	2.8	122.
4.0	19.0	1303.6	853.0	-10.9	-11.1	258.7	8.0	7.9	1.6	274.7	279.8	1.9	98.2	2.9	121.
4.3	20.0	1403.4	842.0	-11.2	-11.5	247.9	8.0	7.4	5.0	275.4	280.4	1.9	98.0	3.0	118.
4.7	21.0	1513.6	830.0	-11.8	-12.1	241.8	8.5	7.5	4.0	275.9	280.8	1.8	97.2	3.1	115.
5.0	22.0	1606.3	820.0	-12.6	-13.0	243.1	9.0	8.0	4.1	276.0	280.6	1.7	97.1	3.2	113.
5.3	23.0	1699.9	810.0	-13.2	-13.5	244.4	9.5	8.6	4.1	276.3	280.8	1.7	97.2	3.3	111.
5.6	24.0	1754.6	800.0	-13.6	-13.9	247.4	10.1	9.3	3.9	276.9	281.3	1.6	97.4	3.5	109.
6.0	25.0	1880.6	791.0	-14.2	-14.5	255.0	11.3	10.9	2.9	277.1	281.4	1.6	97.1	3.6	106.
6.3	26.0	2006.3	778.0	-14.6	-15.0	258.3	11.2	10.9	2.3	278.0	282.2	1.5	96.8	3.9	105.
6.6	27.0	2094.4	769.0	-15.1	-15.5	259.8	10.9	10.7	1.9	278.3	282.4	1.5	96.7	4.1	104.
7.0	28.0	2193.3	759.0	-15.7	-15.9	256.7	10.1	9.8	2.3	278.8	282.8	1.5	98.0	4.2	102.
7.3	29.0	2293.3	749.0	-16.4	-16.4	261.1	11.7	11.6	1.8	279.1	282.9	1.4	98.2	4.4	101.
7.7	30.0	2384.3	740.0	-16.5	-16.8	265.0	13.5	13.4	1.2	279.9	283.7	1.4	97.9	4.7	100.
8.0	31.0	2486.7	730.0	-16.2	-16.5	267.0	14.4	14.4	0.8	281.3	285.3	1.4	97.7	5.0	99.
8.3	32.0	2590.6	720.0	-16.1	-16.6	267.9	15.0	15.0	0.6	282.5	286.6	1.4	95.8	5.3	99.
8.7	33.0	2685.3	711.0	-16.6	-17.3	268.1	15.6	15.6	0.5	282.9	286.8	1.4	94.2	5.6	98.
9.1	34.0	2781.0	702.0	-17.2	-17.5	267.4	16.1	16.1	0.7	283.4	287.1	1.3	94.5	6.0	98.
9.4	35.0	2888.6	692.0	-17.3	-21.7	266.5	16.6	16.5	1.0	284.3	287.1	1.0	68.3	6.3	97.
9.9	36.0	3008.6	681.0	-17.9	-29.0	265.2	17.3	17.2	1.4	285.0	286.5	0.5	37.0	6.8	96.
10.3	37.0	3108.2	672.0	-17.5	-34.4	264.8	17.8	17.8	1.6	286.5	287.4	0.3	21.1	7.2	96.
10.6	38.0	3209.1	663.0	-18.0	-34.4	264.9	18.3	18.2	1.6	287.0	287.9	0.3	22.0	7.5	95.
11.0	39.0	3311.1	654.0	-18.8	-35.1	265.6	18.9	18.8	1.4	287.2	288.1	0.3	22.1	7.9	94.
11.3	40.0	3414.2	645.0	-19.4	-35.8	266.4	19.3	19.2	1.2	287.7	288.6	0.3	21.7	8.3	94.
11.7	41.0	3541.9	634.0	-20.0	-36.5	267.3	19.7	19.6	0.9	288.4	289.2	0.3	21.7	8.8	94.
12.1	42.0	3647.9	625.0	-20.0	-36.1	267.8	20.0	20.0	0.8	289.5	290.4	0.3	21.3	9.3	93.
12.5	43.0	3743.3	617.0	-20.8	-37.1	269.0	20.5	20.4	0.7	289.7	290.5	0.2	20.9	9.7	93.
12.9	44.0	3851.8	608.0	-21.6	-37.5	267.5	21.4	21.4	0.9	290.0	290.8	0.2	22.2	10.2	93.
13.3	45.0	3961.5	599.0	-22.0	-37.8	266.4	21.7	21.7	1.4	290.7	291.5	0.2	22.3	10.7	93.
13.5	46.0	4060.3	591.0	-23.0	-38.4	265.7	21.7	21.7	1.6	290.8	291.5	0.2	22.7	11.1	93.
13.9	47.0	4172.6	582.0	-23.8	-38.9	264.8	20.6	20.5	1.9	291.1	291.8	0.2	23.2	11.6	92.
14.3	48.0	4273.5	574.0	-24.4	-39.4	264.5	20.3	20.2	1.9	291.5	292.2	0.2	23.2	12.0	92.
14.6	49.0	4375.7	566.0	-25.0	-39.7	264.5	20.7	20.6	2.0	292.0	292.7	0.2	23.3	12.3	92.
15.0	50.0	4479.1	558.0	-25.5	-40.5	264.2	22.4	22.3	2.2	292.6	293.2	0.2	22.9	12.8	91.
15.3	51.0	4623.3	547.0	-26.0	-41.1	263.2	23.3	23.1	2.8	293.6	294.3	0.2	22.5	13.3	91.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
1415 GMT

157 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P. DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.7	52.0	4729.8	539.0	-27.0	-42.1	261.6	23.8	23.6	3.5	293.8	294.3	0.2	22.1	13.9	91.
16.1	53.0	4837.5	531.0	-27.7	-42.6	259.9	23.8	23.4	4.2	294.1	294.6	0.2	22.6	14.4	90.
16.4	54.0	4946.4	523.0	-28.7	-43.3	259.2	23.7	23.3	4.5	294.2	294.8	0.2	22.6	14.8	90.
16.7	55.0	5056.6	515.0	-29.5	-43.7	259.1	23.8	23.3	4.5	294.6	295.1	0.2	23.5	15.2	90.
17.2	56.0	5182.1	506.0	-30.8	-44.7	259.8	23.6	23.2	4.2	294.5	294.9	0.1	23.9	15.9	89.
17.5	57.0	5295.0	498.0	-31.8	-45.1	260.4	23.3	22.9	3.9	294.5	295.0	0.1	24.4	16.4	89.
17.8	58.0	5394.9	491.0	-32.5	-45.9	260.4	22.9	22.6	3.8	294.9	295.3	0.1	24.8	16.8	89.
18.2	59.0	5510.5	483.0	-33.6	-46.5	260.1	22.8	22.4	3.9	295.0	295.4	0.1	25.6	17.3	89.
18.6	60.0	5612.7	476.0	-34.6	-47.3	259.1	23.1	22.7	4.4	294.9	295.3	0.1	26.0	17.8	88.
18.9	61.0	5730.9	468.0	-35.4	-48.0	257.9	23.5	23.0	4.9	295.3	295.7	0.1	26.0	18.2	88.
19.3	62.0	5850.8	460.0	-36.2	-48.7	256.5	23.8	23.2	5.6	295.8	296.1	0.1	26.1	18.9	88.
19.6	63.0	5957.1	453.0	-37.0	-49.3	255.7	24.1	23.3	5.9	296.1	296.4	0.1	26.5	19.3	87.
20.0	64.0	6064.5	446.0	-38.2	-50.1	255.6	24.5	23.7	5.1	295.9	296.2	0.1	27.2	19.8	87.
20.3	65.0	6173.1	439.0	-39.1	-50.8	256.3	24.7	24.0	5.9	296.2	296.5	0.1	27.2	20.2	87.
20.7	66.0	6330.8	429.0	-40.2	99.9	256.8	24.6	23.9	5.6	296.8	999.9	99.9	999.9	20.9	87.
21.1	67.0	6458.9	421.0	-41.3	99.9	256.9	24.0	23.4	5.4	297.0	999.9	99.9	999.9	21.5	86.
21.5	68.0	6556.3	415.0	-42.1	99.9	256.8	23.8	23.1	5.4	297.2	999.9	99.9	999.9	22.0	86.
21.9	69.0	6687.7	407.0	-43.2	99.9	257.3	25.0	24.2	5.5	297.4	999.9	99.9	999.9	22.4	86.
22.2	70.0	6787.5	401.0	-44.2	99.9	257.9	25.6	25.1	5.4	297.4	999.9	99.9	999.9	23.0	86.
22.6	71.0	6939.4	392.0	-45.2	99.9	258.7	25.8	25.1	5.1	298.0	999.9	99.9	999.9	23.7	85.
23.1	72.0	7042.2	386.0	-46.0	99.9	259.4	25.0	24.5	4.6	298.2	999.9	99.9	999.9	24.4	85.
23.4	73.0	7163.7	379.0	-47.1	99.9	259.3	24.3	23.1	4.5	298.4	999.9	99.9	999.9	24.8	85.
23.8	74.0	7286.9	372.0	-48.2	99.9	259.6	23.5	23.1	4.6	298.5	999.9	99.9	999.9	25.4	85.
24.1	75.0	7411.8	365.0	-49.1	99.9	259.1	22.9	22.1	4.7	298.9	999.9	99.9	999.9	25.9	85.
24.5	76.0	7520.3	359.0	-50.0	99.9	257.8	22.5	22.1	4.7	299.1	999.9	99.9	999.9	26.3	85.
24.9	77.0	7630.3	353.0	-50.8	99.9	258.6	23.4	22.1	4.6	299.5	999.9	99.9	999.9	26.9	85.
25.3	78.0	7760.5	346.0	-51.5	99.9	259.3	24.6	24.2	4.6	300.2	999.9	99.9	999.9	27.4	85.
25.7	79.0	7873.9	340.0	-52.3	99.9	259.5	25.4	25.1	4.6	300.7	999.9	99.9	999.9	28.1	84.
26.0	80.0	7988.8	334.0	-53.2	99.9	259.4	25.6	25.1	4.7	300.9	999.9	99.9	999.9	28.6	84.
26.4	81.0	8125.0	327.0	-53.9	99.9	259.1	24.8	24.4	4.7	301.9	999.9	99.9	999.9	29.2	84.
26.9	82.0	8243.7	321.0	-54.7	99.9	259.3	23.6	23.1	4.4	302.4	999.9	99.9	999.9	29.9	84.
27.2	83.0	8364.4	315.0	-54.8	99.9	259.6	22.9	22.6	4.1	303.8	999.9	99.9	999.9	30.3	84.
27.6	84.0	8487.4	309.0	-54.8	99.9	260.2	22.4	22.0	3.8	305.5	999.9	99.9	999.9	30.8	84.
27.9	85.0	8612.8	303.0	-55.0	99.9	260.5	22.2	21.9	3.7	306.9	999.9	99.9	999.9	31.2	84.
28.3	86.0	8761.9	296.0	-55.7	99.9	260.1	22.4	22.1	3.8	308.1	999.9	99.9	999.9	31.7	84.
28.8	87.0	8870.2	291.0	-56.7	99.9	258.6	22.5	22.0	4.4	308.2	999.9	99.9	999.9	32.4	84.
29.1	88.0	9002.1	285.0	-57.2	99.9	257.3	22.2	21.7	4.9	309.3	999.9	99.9	999.9	32.9	84.
29.5	89.0	9136.5	279.0	-57.8	99.9	255.1	21.3	20.6	5.5	310.2	999.9	99.9	999.9	33.4	84.
29.9	90.0	9250.4	274.0	-58.3	99.9	253.2	20.6	19.7	5.9	311.1	999.9	99.9	999.9	33.8	84.
30.3	91.0	9389.6	268.0	-58.7	99.9	253.0	20.5	19.6	6.0	312.6	999.9	99.9	999.9	34.3	83.
30.7	92.0	9507.8	263.0	-59.2	99.9	254.7	20.6	19.9	5.5	313.5	999.9	99.9	999.9	34.8	83.
31.1	93.0	9628.2	258.0	-58.7	99.9	257.6	20.7	20.2	4.4	316.0	999.9	99.9	999.9	35.3	83.
31.5	94.0	9751.1	253.0	-58.9	99.9	260.9	20.4	20.1	3.2	317.5	999.9	99.9	999.9	35.9	83.
31.9	95.0	9876.5	248.0	-58.5	99.9	263.2	20.5	20.4	2.4	319.8	999.9	99.9	999.9	36.2	83.
32.4	96.0	10031.1	242.0	-56.7	99.9	265.6	20.8	20.8	1.6	324.9	999.9	99.9	999.9	36.9	83.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
1415 GMT

157 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.8	97.0	10163.6	237.0	-56.5	99.9	267.4	20.0	20.0	0.9	327.1	999.9	99.9	999.9	37.4	83.
33.3	98.0	10326.5	231.0	-56.0	99.9	269.4	18.2	18.2	0.2	330.2	999.9	99.9	999.9	38.0	83.
33.7	99.0	10438.0	227.0	-54.4	99.9	269.8	17.5	17.5	0.1	334.4	999.9	99.9	999.9	38.4	83.
34.1	100.0	10580.9	222.0	-53.9	99.9	269.1	18.0	18.0	0.3	337.2	999.9	99.9	999.9	38.7	83.
34.6	101.0	10727.8	217.0	-52.2	99.9	267.6	19.2	19.2	0.8	342.1	999.9	99.9	999.9	39.3	83.
35.1	102.0	10878.8	212.0	-52.0	99.9	266.6	19.2	19.2	1.1	344.6	999.9	99.9	999.9	40.0	83.
35.5	103.0	11002.0	208.0	-52.5	99.9	265.5	18.7	18.7	1.5	345.8	999.9	99.9	999.9	40.3	83.
35.9	104.0	11159.3	203.0	-52.3	99.9	262.9	18.3	18.2	2.3	348.5	999.9	99.9	999.9	40.8	83.
36.3	105.0	11288.0	199.0	-52.6	99.9	260.1	17.5	17.2	3.0	350.0	999.9	99.9	999.9	41.3	83.
36.8	106.0	11452.4	194.0	-52.6	99.9	258.2	16.6	16.3	3.4	352.5	999.9	99.9	999.9	41.8	83.
37.2	107.0	11587.0	190.0	-52.5	99.9	259.2	16.5	16.2	3.1	354.9	999.9	99.9	999.9	42.1	83.
37.7	108.0	11724.6	186.0	-52.3	99.9	262.3	16.8	16.6	2.3	357.3	999.9	99.9	999.9	42.7	83.
38.1	109.0	11865.3	182.0	-52.2	99.9	264.5	17.1	17.0	1.6	359.8	999.9	99.9	999.9	43.1	83.
38.5	110.0	12009.0	178.0	-52.6	99.9	265.9	17.6	17.6	1.2	361.3	999.9	99.9	999.9	43.4	83.
39.1	111.0	12230.6	172.0	-52.3	99.9	265.8	17.6	17.5	1.3	365.4	999.9	99.9	999.9	44.2	83.
39.6	112.0	12382.8	168.0	-52.3	99.9	265.1	16.3	16.2	1.4	367.8	999.9	99.9	999.9	44.7	83.
39.9	113.0	12499.3	165.0	-52.8	99.9	265.4	15.5	15.4	1.2	369.0	999.9	99.9	999.9	44.9	83.
40.4	114.0	12657.7	161.0	-52.6	99.9	267.9	15.3	15.3	0.6	371.8	999.9	99.9	999.9	45.4	83.
40.9	115.0	12820.0	157.0	-53.2	99.9	270.3	17.5	17.5	-0.1	373.4	999.9	99.9	999.9	45.8	83.
41.4	116.0	12986.3	153.0	-53.2	99.9	271.5	21.0	21.0	-0.6	376.2	999.9	99.9	999.9	46.3	84.
41.9	117.0	13157.1	149.0	-52.8	99.9	273.0	22.2	22.1	-1.2	379.9	999.9	99.9	999.9	47.2	84.
42.4	118.0	13333.0	145.0	-52.0	99.9	275.4	20.1	20.0	-1.9	384.2	999.9	99.9	999.9	47.8	84.
43.0	119.0	13468.5	142.0	-51.8	99.9	277.2	18.1	18.0	-2.3	386.8	999.9	99.9	999.9	48.4	84.
43.5	120.0	13607.0	139.0	-51.7	99.9	275.8	19.4	19.3	-2.0	389.4	999.9	99.9	999.9	48.8	84.
44.0	121.0	13796.7	135.0	-50.9	99.9	274.7	20.4	20.4	-1.7	394.0	999.9	99.9	999.9	49.5	84.
44.3	122.0	13942.9	132.0	-51.2	99.9	274.3	20.3	20.2	-1.5	396.0	999.9	99.9	999.9	49.9	84.
45.0	123.0	14092.0	129.0	-52.2	99.9	271.6	19.3	19.3	-0.5	397.0	999.9	99.9	999.9	50.6	85.
45.4	124.0	14295.9	125.0	-52.3	99.9	268.9	17.7	17.7	0.3	400.3	999.9	99.9	999.9	51.3	85.
45.8	125.0	14453.0	122.0	-52.3	99.9	267.6	15.6	15.6	0.6	403.1	999.9	99.9	999.9	51.6	85.
46.4	126.0	14668.4	118.0	-52.8	99.9	268.5	13.4	13.4	0.4	406.1	999.9	99.9	999.9	52.0	85.
46.9	127.0	14834.4	115.0	-53.4	99.9	268.7	13.6	13.6	0.3	407.9	999.9	99.9	999.9	52.5	85.
47.5	128.0	15004.4	112.0	-53.7	99.9	266.4	16.1	16.0	1.0	410.4	999.9	99.9	999.9	52.8	85.
47.9	129.0	15179.1	109.0	-53.4	99.9	265.2	17.9	17.8	1.5	414.2	999.9	99.9	999.9	53.4	85.
48.4	130.0	15358.6	106.0	-53.7	99.9	264.5	18.2	18.1	1.7	416.9	999.9	99.9	999.9	54.0	85.
49.1	131.0	15543.0	103.0	-53.9	99.9	262.4	15.5	15.4	2.1	420.1	999.9	99.9	999.9	54.7	85.
49.7	132.0	15732.8	100.0	-54.2	99.9	259.6	14.4	14.1	2.6	423.0	999.9	99.9	999.9	55.2	85.
50.3	133.0	15928.2	97.0	-54.0	99.9	259.1	16.0	15.7	3.0	427.0	999.9	99.9	999.9	55.6	85.
50.9	134.0	16129.7	94.0	-54.4	99.9	260.4	17.8	17.5	3.0	430.3	999.9	99.9	999.9	56.3	85.
51.6	135.0	16337.5	91.0	-54.4	99.9	261.2	18.3	18.1	2.8	434.3	999.9	99.9	999.9	57.1	84.
52.3	136.0	16552.4	88.0	-54.2	99.9	261.4	18.3	18.1	2.7	438.8	999.9	99.9	999.9	57.8	84.
52.9	137.0	16774.6	85.0	-54.7	99.9	265.3	17.2	17.1	1.4	442.2	999.9	99.9	999.9	58.6	84.
53.5	138.0	17004.1	82.0	-55.5	99.9	272.3	15.9	15.9	-0.7	445.1	999.9	99.9	999.9	59.0	84.
54.1	139.0	17241.4	79.0	-56.2	99.9	274.6	15.1	15.0	-1.2	448.5	999.9	99.9	999.9	59.7	85.
54.8	140.0	17487.0	76.0	-57.0	99.9	272.4	15.6	15.6	-0.6	451.7	999.9	99.9	999.9	60.2	85.
55.8	141.0	17741.6	73.0	-57.7	99.9	271.6	19.9	19.9	-0.6	455.5	999.9	99.9	999.9	61.3	85.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
1415 GMT

157 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
56.3	142.0	18006.7	70.0	-57.3	99.9	271.4	20.9	20.9	-0.5	461.8	999.9	99.9	999.9	62.0	85.
57.2	143.0	18283.7	67.0	-57.2	99.9	272.1	22.2	22.2	-0.8	468.0	999.9	99.9	999.9	63.0	85.
58.1	144.0	18573.6	64.0	-57.2	99.9	274.2	23.2	23.2	-1.7	474.1	999.9	99.9	999.9	64.4	85.
58.9	145.0	18876.2	61.0	-58.7	99.9	277.0	18.1	18.0	-2.2	477.3	999.9	99.9	999.9	65.4	85.
59.5	146.0	19085.6	59.0	-58.9	99.9	275.5	17.8	17.7	-1.7	481.4	999.9	99.9	999.9	65.7	85.
60.3	147.0	19411.9	56.0	-60.4	99.9	268.9	21.3	21.3	0.4	485.1	999.9	99.9	999.9	66.9	85.
61.1	148.0	19754.8	53.0	-60.6	99.9	269.4	19.4	19.3	0.2	492.4	999.9	99.9	999.9	68.0	85.
62.1	149.0	19994.3	51.0	-60.6	99.9	278.6	20.8	20.5	-3.1	497.8	999.9	99.9	999.9	68.9	86.
63.1	150.0	20370.8	48.0	-61.5	99.9	274.7	24.9	24.8	-2.0	504.3	999.9	99.9	999.9	70.5	86.
64.0	151.0	20770.4	45.0	-62.1	99.9	271.7	22.2	22.1	-0.7	512.4	999.9	99.9	999.9	71.9	86.
64.8	152.0	21195.6	42.0	-63.4	99.9	273.1	17.2	17.2	-0.9	519.4	999.9	99.9	999.9	72.6	86.
65.7	153.0	21495.1	40.0	-63.8	99.9	274.5	17.3	17.2	-1.3	525.7	999.9	99.9	999.9	73.5	86.
66.7	154.0	21970.7	37.0	-65.9	99.9	279.2	18.0	17.7	-2.9	532.0	999.9	99.9	999.9	74.4	86.
67.7	155.0	22484.2	34.0	-65.7	99.9	280.8	24.6	24.2	-4.6	545.5	999.9	99.9	999.9	75.7	87.
69.0	156.0	22852.1	32.0	-66.2	99.9	278.7	25.6	25.3	-3.9	554.0	999.9	99.9	999.9	77.5	87.
70.1	157.0	23447.8	29.0	-67.0	99.9	277.0	22.4	22.3	-2.7	567.6	999.9	99.9	999.9	79.4	87.
72.6	159.0	24593.6	24.0	-65.9	99.9	278.9	35.3	34.9	-5.5	602.1	999.9	99.9	999.9	83.4	88.
71.1	158.0	23880.1	27.0	-66.8	99.9	284.5	36.5	35.3	-9.2	579.9	999.9	99.9	999.9	80.4	88.
74.1	160.0	25418.7	21.0	-61.5	99.9	276.7	25.0	24.8	-2.9	638.9	999.9	99.9	999.9	86.5	88.
75.5	161.0	26038.3	19.0	-62.1	99.9	267.8	82.4	82.3	3.1	655.7	999.9	99.9	999.9	88.1	88.
70.0	162.0	27102.6	16.0	-61.4	99.9	85.2	265.5	-264.6	-22.1	691.1	999.9	99.9	999.9	74.1	88.
79.2	163.0	28390.2	13.0	-61.5	99.9	999.9	99.9	99.9	99.9	732.8	999.9	99.9	999.9	999.9	999.

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
1715 GMT

154 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	210.0	984.4	-11.1	-18.1	270.0	8.8	8.8	0.0	263.4	265.8	0.9	56.0	0.0	0.
0.3	8.0	291.4	974.0	-12.2	-19.8	289.2	12.8	12.1	-4.2	263.1	265.2	0.8	52.6	0.3	98.
0.6	9.0	378.1	963.0	-13.0	-20.1	289.8	12.5	11.7	-4.2	263.1	265.2	0.8	55.2	0.4	100.
0.9	10.0	465.6	952.0	-13.6	-20.2	291.7	11.5	10.7	-4.2	263.4	265.5	0.8	56.9	0.6	104.
1.3	11.0	586.2	937.0	-14.7	-20.3	298.0	9.2	8.1	-4.3	263.4	265.5	0.8	59.4	0.8	107.
1.7	12.0	675.5	926.0	-15.7	-21.8	308.0	7.7	6.1	-4.8	263.3	265.2	0.7	59.2	1.0	110.
2.2	13.0	765.6	915.0	-15.9	-23.6	316.7	8.2	5.6	-6.0	263.9	265.6	0.6	51.4	1.2	114.
2.6	14.0	856.9	904.0	-14.8	-34.9	317.8	9.7	6.5	-7.2	265.9	266.6	0.2	16.1	1.4	118.
2.9	15.0	949.8	893.0	-13.6	-34.9	318.0	10.5	7.0	-7.8	268.2	268.8	0.2	14.5	1.6	120.
3.3	16.0	1061.5	880.0	-12.7	-35.5	315.3	11.2	7.9	-8.0	270.1	270.8	0.2	12.8	1.8	123.
3.7	17.0	1157.5	869.0	-12.6	-33.5	311.3	11.8	8.9	-7.8	271.3	272.0	0.3	15.5	2.1	124.
4.0	18.0	1254.7	858.0	-12.6	-33.1	308.0	12.3	9.7	-7.6	272.3	273.1	0.3	16.0	2.3	124.
4.3	19.0	1344.2	848.0	-12.7	-34.3	308.0	11.7	9.2	-7.2	273.0	273.8	0.2	14.4	2.6	125.
4.6	20.0	1443.7	837.0	-13.4	-35.2	307.5	10.9	8.6	-6.6	273.3	274.0	0.2	13.9	2.8	125.
5.0	21.0	1553.3	825.0	-14.7	-36.1	305.4	9.7	7.9	-5.6	273.1	273.7	0.2	14.0	3.0	125.
5.3	22.0	1654.8	814.0	-15.4	-34.7	302.4	10.1	8.6	-5.4	273.4	274.2	0.2	17.2	3.2	125.
5.7	23.0	1748.1	804.0	-15.4	-35.6	299.4	11.9	10.4	-5.8	274.4	275.1	0.2	15.7	3.4	125.
6.0	24.0	1842.7	794.0	-15.1	-37.7	298.1	14.2	12.5	-6.7	275.7	276.2	0.2	12.4	3.6	124.
6.2	25.0	1938.4	784.0	-15.4	-36.3	296.3	14.6	13.1	-6.5	276.4	277.0	0.2	14.6	3.8	124.
6.6	26.0	2054.9	772.0	-15.4	-33.9	293.1	15.3	14.1	-5.0	277.6	278.4	0.3	18.7	4.2	123.
7.0	27.0	2153.4	762.0	-15.4	-33.1	290.0	15.8	14.8	-5.4	278.6	279.6	0.3	20.1	4.5	122.
7.3	28.0	2253.0	752.0	-16.1	-32.0	287.6	15.8	15.0	-4.8	278.9	280.0	0.3	23.6	4.9	121.
7.7	29.0	2353.8	742.0	-16.2	-25.0	283.9	15.7	15.2	-3.8	279.9	281.9	0.7	46.3	5.2	120.
8.0	30.0	2445.6	733.0	-16.9	-24.3	280.6	15.5	15.2	-2.9	280.1	282.2	0.7	52.1	5.5	120.
8.3	31.0	2548.6	723.0	-17.6	-23.9	276.9	15.4	15.3	-1.8	280.5	282.7	0.8	57.7	5.8	119.
8.7	32.0	2642.4	714.0	-17.7	-24.4	272.6	15.5	15.5	-0.7	281.4	283.5	0.7	55.6	6.1	117.
9.0	33.0	2748.0	704.0	-17.6	-24.3	270.0	15.8	15.8	0.0	282.6	284.8	0.8	55.3	6.4	116.
9.3	34.0	2844.3	695.0	-18.1	-24.7	269.7	16.3	16.3	0.1	283.1	285.2	0.7	56.0	6.6	115.
9.7	35.0	2941.7	686.0	-18.1	-24.8	270.5	17.1	17.1	-0.2	284.1	286.3	0.7	55.4	6.9	113.
10.1	36.0	3062.4	675.0	-18.4	-25.2	272.2	18.0	18.0	-0.7	285.1	287.3	0.7	54.6	7.3	112.
10.3	37.0	3173.7	665.0	-18.9	-25.3	273.0	18.3	18.3	-1.0	285.8	287.9	0.7	56.8	7.6	111.
10.7	38.0	3263.8	657.0	-19.5	-25.6	274.0	18.8	18.8	-1.3	286.1	288.3	0.7	58.2	8.0	111.
11.0	39.0	3366.3	648.0	-19.7	-26.0	274.3	19.1	19.1	-1.4	287.0	289.1	0.7	57.4	8.3	110.
11.3	40.0	3470.1	639.0	-20.1	-26.3	274.4	19.3	19.3	-1.5	287.6	289.7	0.7	56.3	8.6	109.
11.7	41.0	3598.6	628.0	-20.8	-27.5	274.2	19.5	19.5	-1.4	288.3	290.2	0.6	54.7	9.1	109.
12.0	42.0	3705.2	619.0	-21.6	-28.0	273.8	19.5	19.5	-1.3	288.6	290.4	0.6	56.1	9.5	108.
12.3	43.0	3801.0	611.0	-21.8	-28.5	272.8	19.4	19.3	-0.9	289.5	291.3	0.6	54.2	9.8	108.
12.7	44.0	3897.9	603.0	-22.7	-29.4	271.0	19.3	19.3	-0.3	289.5	291.2	0.5	53.9	10.2	107.
13.0	45.0	4008.1	594.0	-23.5	-30.1	269.3	19.3	19.3	0.2	289.8	291.4	0.5	54.0	10.6	106.
13.3	46.0	4107.2	586.0	-24.1	-30.8	267.9	19.6	19.6	0.7	290.2	291.7	0.5	54.0	10.9	106.
13.7	47.0	4207.3	578.0	-24.8	-31.3	266.6	19.9	19.9	1.2	290.5	292.0	0.5	54.7	11.3	105.
14.0	48.0	4321.3	569.0	-25.6	-31.7	266.0	20.2	20.1	1.4	290.9	292.3	0.5	55.0	11.7	104.
14.3	49.0	4424.0	561.0	-26.0	-32.5	265.6	20.3	20.2	1.5	291.6	293.0	0.4	54.2	12.0	104.
14.7	50.0	4527.8	553.0	-26.7	-33.2	265.0	20.3	20.3	1.8	292.0	293.3	0.4	53.7	12.5	103.
15.1	51.0	4659.4	543.0	-27.3	-33.9	264.1	20.3	20.2	2.1	292.7	294.0	0.4	53.0	13.0	102.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
1715 GMT

154 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTN GM/KG	RH PCT	RANGE KM	AZ DG
15.4	52.0	4766.2	535.0	-28.0	-34.6	263.3	20.1	20.0	2.4	293.2	294.4	0.4	53.0	13.3	102.
15.8	53.0	4860.7	528.0	-28.5	-35.2	262.5	20.0	19.9	2.6	293.7	294.8	0.4	52.3	13.8	101.
16.1	54.0	4969.9	520.0	-29.4	-36.3	262.3	20.1	19.9	2.7	293.8	294.9	0.3	51.1	14.1	101.
16.4	55.0	5080.4	512.0	-30.5	-37.1	262.6	20.2	20.1	2.6	293.9	294.8	0.3	51.8	14.4	100.
16.9	56.0	5206.2	503.0	-31.4	-37.3	263.8	20.4	20.3	2.2	294.2	295.2	0.3	52.9	15.0	100.
17.2	57.0	5319.5	495.0	-32.2	-38.3	264.6	20.4	20.3	1.9	294.6	295.5	0.3	54.2	15.4	99.
17.5	58.0	5419.9	488.0	-33.0	-39.2	265.4	20.3	20.2	1.6	294.8	295.7	0.3	53.1	15.8	99.
17.8	59.0	5536.0	480.0	-33.8	-40.0	265.4	20.2	20.1	1.6	295.2	296.0	0.2	52.8	16.1	99.
18.1	60.0	5638.8	473.0	-34.7	-40.8	265.3	20.1	20.1	1.7	295.3	296.1	0.2	53.3	16.4	98.
18.4	61.0	5742.8	466.0	-35.5	-41.5	264.8	20.2	20.1	1.8	295.6	296.3	0.2	53.7	16.8	98.
18.7	62.0	5847.9	459.0	-36.5	-42.4	264.5	20.5	20.4	2.0	295.7	296.3	0.2	53.5	17.2	98.
19.0	63.0	5954.3	452.0	-37.4	-43.3	264.3	20.7	20.6	2.1	295.8	296.4	0.2	53.4	17.5	98.
19.3	64.0	6061.9	445.0	-38.1	-44.0	263.5	20.9	20.8	2.3	296.3	296.9	0.2	53.4	17.9	97.
19.6	65.0	6170.9	438.0	-38.7	-44.7	262.4	20.9	20.7	2.8	296.8	297.3	0.2	53.1	18.3	97.
20.0	66.0	6313.2	429.0	-39.8	-45.8	259.8	20.5	20.2	3.6	297.2	297.7	0.1	52.7	18.8	97.
20.3	67.0	6441.6	421.0	-40.8	99.9	258.9	20.1	19.7	3.9	297.6	999.9	99.9	999.9	19.1	96.
20.7	68.0	6539.0	415.0	-41.9	99.9	259.3	19.5	19.2	3.6	297.4	999.9	99.9	999.9	19.5	96.
21.0	69.0	6654.0	408.0	-42.9	99.9	261.0	19.2	19.0	3.0	297.6	999.9	99.9	999.9	19.8	95.
21.3	70.0	6753.8	402.0	-43.6	99.9	262.8	18.8	18.7	2.4	297.9	999.9	99.9	999.9	20.2	95.
21.7	71.0	6905.7	393.0	-44.7	99.9	264.2	18.3	18.2	1.9	298.4	999.9	99.9	999.9	20.7	95.
22.1	72.0	7008.4	387.0	-45.7	99.9	264.6	17.9	17.9	1.7	298.4	999.9	99.9	999.9	21.1	95.
22.4	73.0	7112.3	381.0	-46.7	99.9	264.9	18.1	18.0	1.6	298.4	999.9	99.9	999.9	21.4	95.
22.7	74.0	7235.0	374.0	-47.6	99.9	266.1	18.6	18.6	1.3	298.9	999.9	99.9	999.9	21.7	94.
23.1	75.0	7341.7	368.0	-48.3	99.9	268.4	19.7	19.7	0.5	299.3	999.9	99.9	999.9	22.1	94.
23.4	76.0	7449.8	362.0	-49.1	99.9	270.5	20.6	20.6	-0.2	299.7	999.9	99.9	999.9	22.5	94.
23.7	77.0	7559.4	356.0	-49.3	99.9	271.8	21.2	21.2	-0.6	300.7	999.9	99.9	999.9	22.9	94.
24.1	78.0	7670.7	350.0	-50.1	99.9	272.6	21.9	21.8	-1.0	301.2	999.9	99.9	999.9	23.4	94.
24.4	79.0	7783.4	344.0	-50.9	99.9	272.3	22.0	22.0	-0.9	301.6	999.9	99.9	999.9	23.8	94.
24.8	80.0	7897.8	338.0	-51.8	99.9	271.5	21.8	21.8	-0.6	301.9	999.9	99.9	999.9	24.4	94.
25.3	81.0	8033.1	331.0	-52.9	99.9	270.5	22.0	22.0	-0.2	302.2	999.9	99.9	999.9	25.0	94.
25.6	82.0	8150.9	325.0	-54.0	99.9	270.1	22.4	22.4	-0.0	302.3	999.9	99.9	999.9	25.3	94.
26.0	83.0	8250.3	320.0	-54.8	99.9	269.6	23.1	23.1	0.1	302.5	999.9	99.9	999.9	25.9	94.
26.3	84.0	8371.1	314.0	-55.6	99.9	269.4	22.6	22.6	0.2	303.0	999.9	99.9	999.9	26.4	94.
26.7	85.0	8493.8	308.0	-56.6	99.9	269.6	21.4	21.4	0.2	303.3	999.9	99.9	999.9	26.9	94.
27.1	86.0	8618.4	302.0	-57.2	99.9	270.4	19.7	19.7	-0.1	304.1	999.9	99.9	999.9	27.4	94.
27.5	87.0	8745.5	296.0	-56.4	99.9	272.0	18.4	18.4	-0.6	307.0	999.9	99.9	999.9	27.8	94.
27.9	88.0	8853.6	291.0	-56.7	99.9	273.0	18.1	18.0	-1.0	308.1	999.9	99.9	999.9	28.2	94.
28.2	89.0	8963.3	286.0	-57.2	99.9	273.2	17.7	17.7	-1.0	308.9	999.9	99.9	999.9	28.6	94.
28.5	90.0	9097.2	280.0	-57.9	99.9	273.1	17.3	17.2	-0.9	309.8	999.9	99.9	999.9	29.0	94.
28.9	91.0	9210.7	275.0	-58.4	99.9	271.1	17.2	17.2	-0.3	310.6	999.9	99.9	999.9	29.4	94.
29.3	92.0	9326.0	270.0	-58.9	99.9	268.7	18.6	18.6	0.4	311.5	999.9	99.9	999.9	29.6	94.
29.7	93.0	9443.2	265.0	-58.9	99.9	267.2	20.5	20.5	1.0	313.2	999.9	99.9	999.9	30.1	93.
30.0	94.0	9562.8	260.0	-58.8	99.9	266.7	22.1	22.1	1.3	315.2	999.9	99.9	999.9	30.7	93.
30.4	95.0	9660.3	256.0	-58.1	99.9	267.1	22.4	22.4	1.1	317.6	999.9	99.9	999.9	31.1	93.
30.7	96.0	9835.0	249.0	-58.1	99.9	267.1	22.0	22.0	1.1	320.1	999.9	99.9	999.9	31.5	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
1715 GMT

154 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
31.1	97.0	9937.2	245.0	-57.4	99.9	266.4	21.0	20.9	1.3	322.6	999.9	99.9	999.9	32.1	93.
31.5	98.0	10067.5	240.0	-57.2	99.9	264.8	20.0	19.9	1.8	324.8	999.9	99.9	999.9	32.5	93.
31.9	99.0	10201.2	235.0	-55.6	99.9	263.6	20.6	20.4	2.3	329.2	999.9	99.9	999.9	33.0	93.
32.2	100.0	10310.7	231.0	-54.9	99.9	263.9	21.6	21.5	2.3	331.8	999.9	99.9	999.9	33.3	93.
32.7	101.0	10479.3	225.0	-54.0	99.9	265.6	23.6	23.5	1.8	335.8	999.9	99.9	999.9	34.0	93.
33.0	102.0	10594.5	221.0	-53.8	99.9	266.9	24.3	24.3	1.3	337.8	999.9	99.9	999.9	34.5	92.
33.3	103.0	10741.8	216.0	-53.2	99.9	267.5	23.3	23.2	1.0	341.0	999.9	99.9	999.9	35.0	92.
33.8	104.0	10862.2	212.0	-53.2	99.9	267.5	20.9	20.9	0.9	342.8	999.9	99.9	999.9	35.6	92.
34.1	105.0	10985.1	208.0	-52.5	99.9	267.1	19.6	19.5	1.0	345.7	999.9	99.9	999.9	35.9	92.
34.5	106.0	11110.6	204.0	-52.5	99.9	266.7	18.6	18.6	1.1	347.6	999.9	99.9	999.9	36.4	92.
34.9	107.0	11238.7	200.0	-51.9	99.9	266.7	19.2	19.2	1.1	350.6	999.9	99.9	999.9	36.8	92.
35.3	108.0	11369.8	196.0	-51.3	99.9	266.1	20.1	20.1	1.4	353.6	999.9	99.9	999.9	37.3	92.
35.7	109.0	11537.7	191.0	-51.3	99.9	264.8	20.7	20.6	1.9	356.2	999.9	99.9	999.9	37.8	92.
36.1	110.0	11675.4	187.0	-51.0	99.9	262.8	20.6	20.4	2.6	358.8	999.9	99.9	999.9	38.3	92.
36.6	111.0	11851.9	182.0	-50.6	99.9	259.7	19.7	19.4	3.5	362.4	999.9	99.9	999.9	39.0	92.
37.1	112.0	11960.3	179.0	-50.2	99.9	258.1	19.7	19.3	4.1	364.6	999.9	99.9	999.9	39.3	92.
37.4	113.0	12107.5	175.0	-51.3	99.9	258.3	20.2	19.8	4.1	365.2	999.9	99.9	999.9	39.9	91.
37.8	114.0	12257.7	171.0	-51.6	99.9	259.9	20.3	19.9	3.9	367.1	999.9	99.9	999.9	40.3	91.
38.2	115.0	12411.2	167.0	-51.8	99.9	259.5	19.6	19.3	3.6	369.4	999.9	99.9	999.9	40.7	91.
38.7	116.0	12568.1	163.0	-52.7	99.9	261.4	18.5	18.3	2.8	370.4	999.9	99.9	999.9	41.4	91.
39.1	117.0	12728.1	159.0	-53.8	99.9	264.5	18.2	18.1	1.7	371.1	999.9	99.9	999.9	41.7	91.
39.5	118.0	12850.4	156.0	-54.0	99.9	268.3	18.8	18.8	0.5	372.9	999.9	99.9	999.9	42.1	91.
39.9	119.0	13017.2	152.0	-54.1	99.9	271.3	19.4	19.4	-0.4	375.4	999.9	99.9	999.9	42.6	91.
40.3	120.0	13144.9	149.0	-54.4	99.9	274.4	19.3	19.3	-1.5	377.0	999.9	99.9	999.9	43.1	91.
40.7	121.0	13319.5	145.0	-54.0	99.9	278.1	19.3	19.1	-2.7	380.8	999.9	99.9	999.9	43.6	91.
41.2	122.0	13454.0	142.0	-52.9	99.9	282.2	19.8	19.4	-4.2	385.0	999.9	99.9	999.9	44.1	91.
41.7	123.0	13592.0	139.0	-52.4	99.9	284.3	20.1	19.5	-5.0	388.2	999.9	99.9	999.9	44.7	91.
42.2	124.0	13780.8	135.0	-52.4	99.9	284.3	18.3	17.7	-4.5	391.4	999.9	99.9	999.9	45.4	91.
42.7	125.0	13926.2	132.0	-51.9	99.9	280.8	15.8	15.5	-2.9	394.8	999.9	99.9	999.9	45.8	92.
43.3	126.0	14126.1	128.0	-51.0	99.9	271.9	15.4	15.4	-0.5	399.9	999.9	99.9	999.9	46.3	92.
43.8	127.0	14280.5	125.0	-50.6	99.9	266.5	15.8	15.7	1.0	403.5	999.9	99.9	999.9	46.8	92.
44.3	128.0	14438.9	122.0	-50.7	99.9	263.7	15.3	15.2	1.7	406.0	999.9	99.9	999.9	47.3	91.
44.8	129.0	14601.1	119.0	-50.7	99.9	261.4	15.2	15.0	2.3	408.9	999.9	99.9	999.9	47.7	91.
45.3	130.0	14767.2	116.0	-51.5	99.9	259.2	16.1	15.8	3.0	410.5	999.9	99.9	999.9	48.1	91.
45.9	131.0	14994.9	112.0	-51.8	99.9	257.1	16.3	15.9	3.6	414.1	999.9	99.9	999.9	48.8	91.
46.4	132.0	15171.0	109.0	-51.6	99.9	258.0	15.4	15.1	3.2	417.6	999.9	99.9	999.9	49.2	91.
46.9	133.0	15352.1	106.0	-51.6	99.9	262.7	14.7	14.6	1.9	420.9	999.9	99.9	999.9	49.7	91.
47.4	134.0	15538.1	103.0	-52.2	99.9	268.8	14.0	14.0	0.3	423.2	999.9	99.9	999.9	50.0	91.
47.9	135.0	15728.9	100.0	-53.5	99.9	273.4	12.7	12.7	-0.8	424.4	999.9	99.9	999.9	50.6	91.
48.5	136.0	15924.5	97.0	-54.3	99.9	273.6	11.7	11.7	-0.7	426.6	999.9	99.9	999.9	50.9	91.
49.1	137.0	16125.4	94.0	-55.4	99.9	270.9	14.6	14.6	-0.2	429.2	999.9	99.9	999.9	51.3	91.
49.6	138.0	16332.2	91.0	-55.6	99.9	271.4	17.7	17.7	-0.4	431.9	999.9	99.9	999.9	51.9	91.
50.3	139.0	16545.6	88.0	-55.9	99.9	272.1	20.1	20.1	-0.7	435.4	999.9	99.9	999.9	52.6	91.
50.9	140.0	16841.7	84.0	-55.9	99.9	271.3	20.1	20.1	-0.5	441.2	999.9	99.9	999.9	53.5	91.
51.6	141.0	17072.7	81.0	-56.7	99.9	271.4	20.7	20.7	-0.5	444.1	999.9	99.9	999.9	54.2	91.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
1715 GMT

154 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
52.4	142.0	17311.9	78.0	-56.7	99.9	273.4	25.6	25.5	-1.5	448.9	999.9	99.9	999.9	55.3	91.
53.3	143.0	17645.7	74.0	-56.6	99.9	279.1	22.5	22.2	-3.5	456.1	999.9	99.9	999.9	56.9	91.
54.2	144.0	17819.5	72.0	-56.7	99.9	287.6	16.3	15.5	-4.9	459.3	999.9	99.9	999.9	57.7	91.
55.1	145.0	18089.5	69.0	-56.4	99.9	278.7	17.4	17.2	-2.6	465.7	999.9	99.9	999.9	58.5	92.
55.9	146.0	18371.4	66.0	-56.9	99.9	275.2	18.7	18.6	-2.7	470.5	999.9	99.9	999.9	59.4	92.
56.7	147.0	18665.9	63.0	-57.1	99.9	274.6	16.4	16.4	-2.3	476.5	999.9	99.9	999.9	60.4	92.
57.6	148.0	18974.6	60.0	-57.2	99.9	271.9	16.1	16.1	-0.5	482.8	999.9	99.9	999.9	61.0	92.
58.4	149.0	19298.2	57.0	-58.4	99.9	271.6	17.3	17.3	-0.5	487.2	999.9	99.9	999.9	62.0	92.
59.4	150.0	19638.1	54.0	-58.6	99.9	273.5	14.3	14.3	-0.9	494.4	999.9	99.9	999.9	62.8	92.
60.4	151.0	19995.5	51.0	-60.7	99.9	278.5	14.8	14.6	-2.2	497.6	999.9	99.9	999.9	63.9	92.
61.4	152.0	20371.3	48.0	-62.4	99.9	282.6	15.8	15.4	-3.4	502.4	999.9	99.9	999.9	64.6	92.
62.3	153.0	20634.1	46.0	-62.4	99.9	278.7	19.0	18.8	-2.9	508.6	999.9	99.9	999.9	65.5	92.
63.3	154.0	21048.5	43.0	-64.4	99.9	270.3	21.8	21.8	-0.1	513.3	999.9	99.9	999.9	66.8	92.
64.3	155.0	21490.0	40.0	-65.0	99.9	269.4	21.1	21.1	0.2	522.6	999.9	99.9	999.9	68.1	92.
65.6	156.0	21965.9	37.0	-64.4	99.9	270.4	21.0	21.0	-0.1	535.9	999.9	99.9	999.9	69.7	92.
66.8	157.0	22483.6	34.0	-63.9	99.9	269.7	27.2	27.2	0.1	550.5	999.9	99.9	999.9	71.3	92.
68.0	158.0	23049.1	31.0	-64.4	99.9	264.2	25.5	25.4	2.6	563.7	999.9	99.9	999.9	73.5	92.
69.5	159.0	23669.9	28.0	-65.4	99.9	999.9	99.9	99.9	99.9	577.6	999.9	99.9	999.9	999.9	999.
70.9	160.0	24122.5	26.0	-63.9	99.9	999.9	99.9	99.9	99.9	594.4	999.9	99.9	999.9	999.9	999.

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
2017 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	210.0	984.1	-10.6	-17.5	270.0	6.2	6.2	7.0	263.9	266.4	1.0	56.0	0.0	0.
0.2	8.0	281.4	975.0	-11.2	-19.2	291.0	12.9	12.0	-4.6	264.0	266.3	0.9	51.2	0.3	91.
0.6	9.0	360.3	965.0	-12.6	-20.0	291.6	12.6	11.7	-4.6	263.3	265.5	0.8	53.7	0.3	95.
0.9	10.0	439.8	955.0	-13.4	-20.4	293.4	11.7	10.8	-4.7	263.3	265.4	0.8	55.7	0.6	101.
1.3	11.0	551.9	941.0	-14.5	-20.9	298.0	10.4	9.2	-4.9	263.2	265.3	0.8	58.3	0.8	106.
1.6	12.0	632.8	931.0	-15.2	-20.9	302.5	9.7	8.2	-5.2	263.3	265.4	0.8	61.6	1.0	108.
1.8	13.0	714.3	921.0	-16.1	-21.4	305.5	9.6	7.8	-5.6	263.3	265.3	0.7	63.1	1.1	110.
2.1	14.0	804.7	910.0	-16.8	-20.3	310.1	9.6	7.4	-6.2	263.5	265.6	0.8	70.6	1.3	112.
2.4	15.0	887.6	900.0	-17.4	-21.1	314.7	10.1	7.2	-7.1	263.6	265.7	0.8	72.6	1.4	115.
2.7	16.0	996.4	887.0	-18.5	-21.6	317.7	11.1	7.5	-8.2	263.6	265.6	0.8	76.4	1.6	117.
3.0	17.0	1081.0	877.0	-18.7	-21.6	319.6	12.4	8.0	-9.4	264.3	266.4	0.8	77.3	1.8	120.
3.3	18.0	1166.6	867.0	-17.7	-22.9	318.2	13.3	8.9	-9.9	266.2	268.1	0.7	63.4	2.0	122.
3.6	19.0	1253.7	857.0	-16.3	-26.7	315.9	14.3	9.9	-10.3	268.5	269.9	0.5	40.1	2.3	124.
4.0	20.0	1342.0	847.0	-16.3	-28.9	310.8	15.5	11.8	-10.1	269.3	270.5	0.4	32.8	2.6	125.
4.3	21.0	1449.3	835.0	-16.8	-35.3	308.9	15.3	11.9	-9.6	270.0	270.7	0.2	18.6	2.9	125.
4.7	22.0	1539.7	825.0	-17.4	-36.2	306.7	14.4	11.6	-9.6	270.2	270.8	0.2	17.6	3.3	126.
5.0	23.0	1621.8	816.0	-17.7	-35.3	305.1	13.3	10.9	-7.6	270.8	271.4	0.2	19.7	3.5	126.
5.3	24.0	1714.1	806.0	-17.3	-37.7	301.2	12.8	10.9	-6.6	272.1	272.7	0.2	14.9	3.8	126.
5.6	25.0	1798.4	797.0	-16.9	-39.5	298.1	12.6	11.1	-5.9	273.5	273.9	0.2	11.9	4.0	125.
6.0	26.0	1921.7	784.0	-17.4	-42.2	296.5	13.1	11.7	-5.8	274.2	274.5	0.1	9.4	4.3	125.
6.2	27.0	2008.2	775.0	-17.4	-42.2	295.9	13.1	11.8	-5.7	275.1	275.4	0.1	9.4	4.4	124.
6.5	28.0	2095.6	766.0	-17.7	-46.4	295.0	13.2	12.0	-5.6	275.7	275.9	0.1	6.1	4.7	124.
6.8	29.0	2194.0	756.0	-17.7	-45.4	292.0	13.2	12.2	-4.9	276.7	277.0	0.1	6.8	4.9	123.
7.1	30.0	2283.5	747.0	-18.0	-45.6	289.4	13.3	12.5	-4.4	277.4	277.6	0.1	6.8	5.1	123.
7.4	31.0	2374.1	738.0	-18.4	-45.0	287.6	13.5	12.8	-4.1	277.9	278.2	0.1	7.5	5.4	122.
7.7	32.0	2465.5	729.0	-18.9	-46.2	286.4	13.9	13.3	-3.9	278.3	278.5	0.1	6.9	5.6	121.
8.1	33.0	2568.4	719.0	-18.9	-46.2	285.1	14.7	14.1	-3.8	279.4	279.6	0.1	6.9	5.9	121.
8.4	34.0	2662.2	710.0	-18.7	-47.0	284.1	15.5	15.0	-3.8	280.7	280.9	0.1	6.2	6.2	120.
8.7	35.0	2757.3	701.0	-18.8	-46.1	281.9	16.3	16.0	-3.4	281.6	281.8	0.1	6.9	6.4	119.
9.2	36.0	2875.1	690.0	-18.9	-45.3	276.9	17.6	17.5	-2.1	282.7	283.0	0.1	7.6	6.9	118.
9.5	37.0	2972.9	681.0	-19.1	-40.7	273.4	18.3	18.3	-1.1	283.6	284.1	0.2	12.7	7.3	117.
9.9	38.0	3060.8	673.0	-19.5	-31.5	271.0	18.7	18.7	-0.3	284.1	285.4	0.4	33.1	7.6	115.
10.2	39.0	3160.8	664.0	-19.5	-38.4	270.7	18.9	18.9	-0.2	285.2	285.9	0.2	16.7	8.0	114.
10.6	40.0	3262.2	655.0	-19.6	-42.5	271.6	19.1	19.1	-0.5	286.2	286.6	0.1	10.9	8.4	113.
11.1	41.0	3376.3	645.0	-20.1	-57.7	273.2	19.5	19.5	-1.1	286.8	286.9	0.0	1.9	8.9	112.
11.5	42.0	3480.4	636.0	-20.4	-55.1	274.5	20.1	20.0	-1.6	287.6	287.8	0.0	2.7	9.4	111.
11.9	43.0	3574.1	628.0	-20.8	-53.3	275.7	20.4	20.3	-2.0	288.2	288.4	0.0	3.5	9.8	110.
12.2	44.0	3680.7	619.0	-20.8	-53.5	276.4	20.0	19.9	-2.2	289.4	289.6	0.0	3.5	10.2	110.
12.5	45.0	3776.8	611.0	-21.4	-53.5	276.9	19.4	19.3	-2.3	289.9	290.0	0.0	3.6	10.6	109.
12.9	46.0	3886.2	602.0	-21.8	-52.2	276.4	18.1	18.0	-2.0	290.6	290.8	0.0	4.4	11.0	109.
13.3	47.0	3984.6	594.0	-22.3	-58.2	275.7	17.3	17.2	-1.7	291.1	291.2	0.0	2.2	11.4	108.
13.6	48.0	4084.1	586.0	-22.8	-56.1	275.5	17.1	17.0	-1.6	291.6	291.8	0.0	3.0	11.7	108.
13.9	49.0	4184.7	578.0	-23.6	-56.4	276.0	17.3	17.2	-1.8	291.9	292.0	0.0	3.1	12.0	107.
14.3	50.0	4286.5	570.0	-24.3	-55.0	277.3	17.7	17.5	-2.2	292.2	292.4	0.0	3.9	12.4	107.
14.6	51.0	4415.4	560.0	-24.8	-53.9	277.9	17.9	17.7	-2.5	293.1	293.3	0.0	4.7	12.7	107.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
2017 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.9	52.0	4519.8	552.0	-25.7	-59.3	277.6	18.0	17.9	-2.4	293.2	293.3	0.0	2.6	13.1	107.
15.2	53.0	4625.5	544.0	-26.4	-57.5	276.4	18.1	18.0	-2.0	293.6	293.7	0.0	3.4	13.4	107.
15.5	54.0	4718.9	537.0	-27.5	-58.1	274.8	18.2	18.1	-1.5	293.5	293.6	0.0	3.5	13.7	106.
15.8	55.0	4826.7	529.0	-28.4	-57.1	273.8	18.7	18.7	-1.2	293.6	293.7	0.0	4.4	14.0	106.
16.2	56.0	4963.3	519.0	-29.4	-56.5	273.3	19.5	19.5	-1.1	294.0	294.1	0.0	5.2	14.4	106.
16.5	57.0	5060.0	512.0	-30.4	-57.1	273.4	20.2	20.2	-1.2	294.0	294.1	0.0	5.3	14.8	105.
16.8	58.0	5171.8	504.0	-31.4	-57.7	273.5	20.1	20.1	-1.2	294.0	294.1	0.0	5.4	15.2	105.
17.1	59.0	5270.7	497.0	-32.1	-58.1	273.3	19.7	19.7	-1.1	294.4	294.5	0.0	5.5	15.6	105.
17.4	60.0	5385.1	489.0	-32.7	-48.1	272.4	18.7	18.7	-0.8	295.0	295.3	0.1	19.7	15.9	104.
17.8	61.0	5486.5	482.0	-33.4	-44.3	270.4	17.5	17.5	-0.1	295.4	295.9	0.1	32.1	16.3	104.
18.1	62.0	5589.1	475.0	-34.1	-42.5	268.7	16.9	16.9	0.4	295.8	296.4	0.2	41.9	16.6	104.
18.5	63.0	5707.8	467.0	-35.0	-42.9	266.8	16.6	16.6	0.9	296.1	296.7	0.2	44.1	16.9	104.
18.7	64.0	5813.0	460.0	-35.8	-42.5	266.3	16.7	16.7	1.1	296.4	297.0	0.2	49.8	17.2	103.
19.1	65.0	5919.5	453.0	-36.6	-43.0	265.4	17.1	17.0	1.4	296.6	297.3	0.2	50.9	17.6	103.
19.5	66.0	6058.3	444.0	-37.4	-43.5	264.7	17.6	17.5	1.6	297.3	297.9	0.2	52.4	17.9	103.
19.8	67.0	6152.1	438.0	-38.3	-44.3	264.7	18.0	17.9	1.7	297.3	297.9	0.2	52.8	18.2	102.
20.2	68.0	6278.6	430.0	-39.4	-44.8	265.5	18.6	18.6	1.5	297.5	298.0	0.2	56.0	18.7	102.
20.5	69.0	6374.6	424.0	-40.4	99.9	266.7	19.1	19.1	1.1	297.5	999.9	99.9	999.9	19.0	101.
20.9	70.0	6487.8	417.0	-41.3	99.9	269.6	19.9	19.9	0.1	297.7	999.9	99.9	999.9	19.4	101.
21.3	71.0	6619.0	409.0	-42.5	99.9	272.1	20.4	20.4	-0.7	297.9	999.9	99.9	999.9	19.9	101.
21.6	72.0	6735.4	402.0	-43.4	99.9	273.6	20.8	20.7	-1.3	298.1	999.9	99.9	999.9	20.3	101.
22.0	73.0	6853.4	395.0	-44.3	99.9	275.0	21.0	20.9	-1.8	298.5	999.9	99.9	999.9	20.8	101.
22.4	74.0	6973.0	388.0	-45.4	99.9	276.3	21.5	21.4	-2.4	298.6	999.9	99.9	999.9	21.3	100.
22.8	75.0	7076.8	382.0	-46.1	99.9	277.1	22.0	21.8	-2.7	299.0	999.9	99.9	999.9	21.8	100.
23.1	76.0	7181.9	376.0	-46.8	99.9	277.3	22.3	22.1	-2.8	299.4	999.9	99.9	999.9	22.2	100.
23.5	77.0	7306.3	369.0	-47.4	99.9	276.7	22.2	22.0	-2.6	300.2	999.9	99.9	999.9	22.8	100.
23.9	78.0	7414.5	363.0	-48.3	99.9	275.6	21.5	21.4	-2.1	300.4	999.9	99.9	999.9	23.3	100.
24.3	79.0	7524.0	357.0	-49.3	99.9	274.8	21.1	21.0	-1.7	300.5	999.9	99.9	999.9	23.8	100.
24.8	80.0	7634.8	351.0	-50.4	99.9	274.4	21.5	21.4	-1.6	300.5	999.9	99.9	999.9	24.4	100.
25.3	81.0	7784.9	343.0	-51.5	99.9	274.7	22.4	22.3	-1.8	301.1	999.9	99.9	999.9	25.1	100.
25.7	82.0	7899.3	337.0	-52.1	99.9	275.1	22.6	22.5	-2.0	301.7	999.9	99.9	999.9	25.6	100.
26.1	83.0	8015.5	331.0	-52.9	99.9	275.5	22.4	22.3	-2.2	302.2	999.9	99.9	999.9	26.2	100.
26.5	84.0	8133.4	325.0	-53.2	99.9	275.5	22.1	22.0	-2.1	303.4	999.9	99.9	999.9	26.7	100.
26.9	85.0	8253.3	319.0	-54.0	99.9	274.9	22.1	22.0	-1.9	303.9	999.9	99.9	999.9	27.2	100.
27.3	86.0	8374.9	313.0	-54.9	99.9	275.1	22.2	22.1	-2.0	304.2	999.9	99.9	999.9	27.7	99.
27.8	87.0	8498.4	307.0	-55.6	99.9	276.8	22.0	21.8	-2.6	305.0	999.9	99.9	999.9	28.4	99.
28.2	88.0	8624.0	301.0	-56.4	99.9	278.5	21.4	21.1	-3.2	305.6	999.9	99.9	999.9	29.0	99.
28.5	89.0	8730.2	296.0	-57.1	99.9	279.6	20.7	20.4	-3.4	306.1	999.9	99.9	999.9	29.4	99.
29.0	90.0	8859.5	290.0	-57.9	99.9	279.0	20.7	20.4	-3.2	306.7	999.9	99.9	999.9	29.9	99.
29.3	91.0	8969.0	285.0	-58.6	99.9	278.2	21.8	21.6	-3.1	307.2	999.9	99.9	999.9	30.2	99.
29.7	92.0	9102.4	279.0	-59.5	99.9	277.1	23.1	23.0	-2.8	307.9	999.9	99.9	999.9	30.8	99.
30.2	93.0	9215.5	274.0	-60.0	99.9	275.4	23.6	23.5	-2.2	308.7	999.9	99.9	999.9	31.6	99.
30.6	94.0	9330.4	269.0	-60.2	99.9	273.4	22.8	22.8	-1.4	310.1	999.9	99.9	999.9	32.2	99.
31.0	95.0	9447.5	264.0	-60.0	99.9	270.6	21.9	21.9	-0.2	312.0	999.9	99.9	999.9	32.7	99.
31.6	96.0	9616.1	257.0	-58.1	99.9	266.6	22.4	22.3	1.3	317.2	999.9	99.9	999.9	33.4	99.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
2017 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	A7 DG
32.0	97.0	9740.4	252.0	-56.2	99.9	265.1	23.3	23.2	2.0	321.7	999.9	99.9	999.9	34.0	99.
32.5	98.0	9867.9	247.0	-55.6	99.9	265.7	23.8	23.7	1.8	324.6	999.9	99.9	999.9	34.7	98.
32.9	99.0	9971.9	243.0	-55.9	99.9	268.2	23.5	23.4	0.8	325.6	999.9	99.9	999.9	35.2	98.
33.4	100.0	10104.4	238.0	-54.9	99.9	271.4	22.9	22.9	-0.5	329.0	999.9	99.9	999.9	35.9	98.
33.9	101.0	10268.3	232.0	-53.3	99.9	271.9	22.2	22.2	-0.7	333.9	999.9	99.9	999.9	36.6	98.
34.4	102.0	10409.0	227.0	-51.9	99.9	269.5	21.8	21.8	0.2	338.1	999.9	99.9	999.9	37.3	98.
34.9	103.0	10553.1	222.0	-52.5	99.9	267.6	22.0	22.0	0.9	339.3	999.9	99.9	999.9	37.8	97.
35.4	104.0	10670.6	218.0	-52.4	99.9	267.9	22.6	22.6	0.8	341.3	999.9	99.9	999.9	38.5	97.
35.9	105.0	10821.2	213.0	-50.7	99.9	268.9	22.6	22.6	0.4	346.2	999.9	99.9	999.9	39.3	97.
36.4	106.0	10944.9	209.0	-50.1	99.9	269.8	22.0	22.0	0.1	349.0	999.9	99.9	999.9	39.8	97.
36.9	107.0	11103.6	204.0	-48.9	99.9	270.0	20.9	20.9	0.0	353.3	999.9	99.9	999.9	40.6	97.
37.4	108.0	11233.5	200.0	-49.3	99.9	268.9	19.7	19.7	0.4	354.6	999.9	99.9	999.9	41.1	97.
37.9	109.0	11365.8	196.0	-49.9	99.9	267.3	19.0	19.0	0.9	355.7	999.9	99.9	999.9	41.7	97.
38.3	110.0	11534.3	191.0	-51.0	99.9	266.5	18.7	18.6	1.1	356.7	999.9	99.9	999.9	42.2	97.
39.0	111.0	11707.0	186.0	-50.9	99.9	266.0	18.1	18.1	1.3	359.6	999.9	99.9	999.9	42.9	96.
39.5	112.0	11848.5	182.0	-50.9	99.9	266.1	19.2	19.2	1.3	361.9	999.9	99.9	999.9	43.4	96.
40.0	113.0	11993.0	178.0	-51.6	99.9	266.9	21.0	21.0	1.1	362.9	999.9	99.9	999.9	43.9	96.
40.5	114.0	12140.5	174.0	-51.5	99.9	267.9	21.2	21.2	0.8	365.6	999.9	99.9	999.9	44.8	96.
41.1	115.0	12291.4	170.0	-51.9	99.9	268.4	20.7	20.6	0.6	367.2	999.9	99.9	999.9	45.4	96.
41.6	116.0	12484.8	165.0	-52.1	99.9	268.6	21.3	21.3	0.5	370.1	999.9	99.9	999.9	46.0	96.
42.2	117.0	12643.5	161.0	-52.5	99.9	269.3	22.1	22.1	0.3	371.9	999.9	99.9	999.9	46.8	96.
42.7	118.0	12806.1	157.0	-52.4	99.9	270.4	20.7	20.7	-0.1	374.9	999.9	99.9	999.9	47.5	96.
43.3	119.0	12972.8	153.0	-52.9	99.9	272.8	17.9	17.9	-0.9	376.9	999.9	99.9	999.9	48.2	96.
43.9	120.0	13143.8	149.0	-52.9	99.9	274.9	16.7	16.7	-1.4	379.7	999.9	99.9	999.9	48.8	96.
44.6	121.0	13274.7	146.0	-53.8	99.9	276.0	17.8	17.7	-1.9	380.3	999.9	99.9	999.9	49.4	96.
45.3	122.0	13453.3	142.0	-53.6	99.9	278.0	17.4	17.2	-2.4	383.6	999.9	99.9	999.9	50.3	96.
46.0	123.0	13590.8	139.0	-52.9	99.9	278.6	17.3	17.1	-2.6	387.4	999.9	99.9	999.9	50.8	96.
46.5	124.0	13779.3	135.0	-52.7	99.9	277.0	18.6	18.5	-2.3	390.9	999.9	99.9	999.9	51.5	96.
47.1	125.0	13924.4	132.0	-52.7	99.9	276.7	21.1	20.9	-2.5	393.4	999.9	99.9	999.9	52.1	96.
47.8	126.0	14173.8	127.0	-52.5	99.9	279.5	23.2	22.9	-3.8	398.1	999.9	99.9	999.9	53.2	96.
48.4	127.0	14328.2	124.0	-52.9	99.9	280.8	22.1	21.7	-4.2	400.2	999.9	99.9	999.9	54.0	96.
49.1	128.0	14486.4	121.0	-52.4	99.9	278.1	19.8	19.6	-2.8	403.9	999.9	99.9	999.9	54.9	96.
49.8	129.0	14648.8	118.0	-52.2	99.9	275.0	20.7	20.6	-1.8	407.1	999.9	99.9	999.9	55.6	96.
50.4	130.0	14815.5	115.0	-51.9	99.9	273.4	22.4	22.3	-1.3	410.7	999.9	99.9	999.9	56.5	96.
51.2	131.0	15044.9	111.0	-51.9	99.9	273.6	21.9	21.9	-1.4	414.8	999.9	99.9	999.9	57.5	96.
51.8	132.0	15282.5	107.0	-52.4	99.9	274.8	21.0	20.9	-1.8	418.3	999.9	99.9	999.9	58.3	96.
52.4	133.0	15466.2	104.0	-52.9	99.9	274.0	19.0	19.0	-1.3	420.9	999.9	99.9	999.9	59.1	96.
53.0	134.0	15654.8	101.0	-53.5	99.9	269.4	16.1	16.1	0.2	423.2	999.9	99.9	999.9	59.8	96.
53.5	135.0	15848.4	98.0	-54.3	99.9	264.3	14.0	13.9	1.4	425.3	999.9	99.9	999.9	60.1	96.
54.2	136.0	16047.4	95.0	-55.1	99.9	265.7	13.8	13.8	1.0	427.5	999.9	99.9	999.9	60.7	95.
54.9	137.0	16252.3	92.0	-55.3	99.9	272.6	18.0	18.0	-0.8	431.1	999.9	99.9	999.9	61.2	95.
55.6	138.0	16535.5	88.0	-56.1	99.9	275.2	20.6	20.5	-1.9	435.0	999.9	99.9	999.9	62.2	95.
56.4	139.0	16755.4	85.0	-57.2	99.9	275.4	20.6	20.5	-1.9	437.0	999.9	99.9	999.9	63.1	95.
57.2	140.0	17060.0	81.0	-57.6	99.9	276.3	20.1	20.0	-2.2	442.4	999.9	99.9	999.9	64.1	95.
58.0	141.0	17298.5	78.0	-57.2	99.9	279.6	18.0	17.7	-3.0	447.9	999.9	99.9	999.9	65.1	95.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
2017 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	A7 DG
59.0	142.0	17546.0	75.0	-58.3	99.9	282.0	21.4	20.9	-4.5	450.8	999.9	99.9	999.9	66.0	96.
60.0	143.0	17803.7	72.0	-57.1	99.9	281.8	23.9	23.4	-4.9	458.6	999.9	99.9	999.9	67.4	96.
61.0	144.0	18073.4	69.0	-56.6	99.9	287.2	20.3	19.4	-5.0	465.3	999.9	99.9	999.9	68.9	96.
62.0	145.0	18355.5	66.0	-56.4	99.9	289.6	22.4	21.1	-7.5	471.6	999.9	99.9	999.9	70.0	96.
62.9	146.0	18650.5	63.0	-56.9	99.9	281.8	26.2	25.6	-5.4	476.8	999.9	99.9	999.9	71.5	96.
63.8	147.0	18959.2	60.0	-57.4	99.9	277.7	22.1	22.0	-3.0	482.4	999.9	99.9	999.9	72.8	96.
64.8	148.0	19283.6	57.0	-57.1	99.9	285.5	17.1	16.5	-4.6	490.3	999.9	99.9	999.9	74.0	96.
65.8	149.0	19624.9	54.0	-58.3	99.9	292.4	17.7	16.4	-3.7	495.2	999.9	99.9	999.9	74.8	97.
66.7	150.0	19984.1	51.0	-58.9	99.9	287.4	11.6	11.1	-3.5	501.7	999.9	99.9	999.9	75.9	97.
67.7	151.0	20363.5	48.0	-60.0	99.9	266.4	9.5	9.5	0.6	508.0	999.9	99.9	999.9	76.0	97.
68.7	152.0	20627.9	46.0	-62.2	99.9	276.8	20.3	20.1	-2.4	509.0	999.9	99.9	999.9	77.3	97.
69.7	153.0	21044.3	43.0	-62.5	99.9	265.9	20.0	20.0	1.4	518.0	999.9	99.9	999.9	78.4	97.
70.8	154.0	21490.3	40.0	-62.7	99.9	272.3	24.4	24.3	-1.0	528.4	999.9	99.9	999.9	79.5	96.
71.9	155.0	21969.3	37.0	-64.1	99.9	276.3	24.8	24.6	-2.7	536.9	999.9	99.9	999.9	81.3	96.
73.1	156.0	22309.5	35.0	-64.2	99.9	278.6	23.6	23.3	-3.5	545.0	999.9	99.9	999.9	83.1	96.
74.4	157.0	22857.1	32.0	-64.8	99.9	278.5	26.2	25.9	-3.9	557.5	999.9	99.9	999.9	85.1	97.
75.7	158.0	23455.5	29.0	-66.4	99.9	276.5	19.9	19.8	-2.3	569.1	999.9	99.9	999.9	87.0	97.
76.8	159.0	23889.2	27.0	-65.4	99.9	276.5	25.0	24.8	-2.8	583.6	999.9	99.9	999.9	88.2	97.
78.3	160.0	24608.6	24.0	-63.9	99.9	276.7	31.8	31.6	-3.7	608.2	999.9	99.9	999.9	90.9	97.
79.7	161.0	25427.2	21.0	-63.9	99.9	283.7	29.1	28.3	-3.9	631.8	999.9	99.9	999.9	93.7	97.
81.3	162.0	26040.2	19.0	-64.2	99.9	303.9	21.0	17.4	-11.7	649.0	999.9	99.9	999.9	95.7	97.
83.3	163.0	27102.9	16.0	-59.8	99.9	292.5	26.2	24.2	-10.0	696.1	999.9	99.9	999.9	98.8	98.
85.5	164.0	28411.8	13.0	-56.1	99.9	999.9	99.9	99.9	99.9	751.7	999.9	99.9	999.9	999.9	999.

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
2315 GMT

156 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	210.0	985.4	-12.2	-18.7	270.0	7.7	7.7	0.0	262.2	264.5	0.9	58.0	0.0	0.
0.3	8.0	291.1	975.0	-12.7	-20.5	305.1	14.7	12.0	-8.5	262.5	264.5	0.8	51.6	0.3	123.
0.7	9.0	377.5	964.0	-13.8	-21.6	305.4	14.8	12.1	-8.6	262.2	264.0	0.7	51.5	0.5	124.
1.0	10.0	464.6	953.0	-14.5	-21.9	305.8	14.9	12.1	-8.7	262.3	264.2	0.7	53.2	0.8	124.
1.3	11.0	568.5	940.0	-15.3	-22.5	308.3	13.3	10.4	-8.2	262.5	264.3	0.7	54.0	1.0	125.
1.6	12.0	657.3	929.0	-16.2	-22.7	311.1	11.6	8.7	-7.6	262.5	264.3	0.7	56.8	1.3	126.
2.0	13.0	746.9	918.0	-16.7	-22.6	315.2	9.2	6.5	-5.5	262.9	264.7	0.7	60.2	1.5	127.
2.3	14.0	829.1	908.0	-17.5	-22.7	318.0	9.9	6.6	-7.4	262.8	264.7	0.7	63.7	1.6	128.
2.7	15.0	920.2	897.0	-18.2	-22.8	323.3	11.0	6.6	-8.8	263.1	264.9	0.7	66.9	1.9	129.
3.0	16.0	1029.1	884.0	-19.2	-23.3	329.0	11.9	6.3	-10.1	263.2	264.9	0.7	69.3	2.1	131.
3.3	17.0	1113.7	874.0	-19.6	-23.8	333.3	13.3	6.0	-11.9	263.6	265.3	0.6	68.9	2.3	133.
3.6	18.0	1207.8	863.0	-19.6	-24.5	336.9	14.8	5.8	-13.6	264.6	266.2	0.6	64.8	2.5	135.
3.9	19.0	1294.5	853.0	-19.0	-26.3	338.4	16.4	6.0	-15.3	266.0	267.4	0.5	52.2	2.8	137.
4.2	20.0	1391.2	842.0	-18.8	-26.9	338.1	16.7	6.2	-15.5	267.3	268.7	0.5	48.5	3.1	140.
4.5	21.0	1498.1	830.0	-19.2	-28.6	336.9	16.3	6.4	-15.0	267.9	269.2	0.4	42.9	3.4	141.
4.8	22.0	1597.4	819.0	-19.2	-29.7	336.7	14.8	5.9	-13.6	269.0	270.1	0.4	38.4	3.7	142.
5.2	23.0	1688.7	809.0	-19.4	-30.6	337.0	13.7	5.4	-12.7	269.6	270.7	0.4	36.2	4.0	143.
5.6	24.0	1771.7	800.0	-20.2	-31.8	337.9	13.8	5.2	-12.8	269.5	270.6	0.3	34.5	4.3	144.
5.9	25.0	1864.9	790.0	-20.5	-34.2	338.1	14.4	5.4	-13.4	270.3	271.1	0.3	28.0	4.5	145.
6.2	26.0	1987.7	777.0	-20.6	-39.3	336.1	14.6	5.9	-13.3	271.4	271.9	0.2	16.8	4.8	146.
6.6	27.0	2073.9	768.0	-20.5	-42.2	331.0	14.8	7.2	-12.9	272.5	272.8	0.1	12.2	5.1	147.
6.9	28.0	2170.8	758.0	-20.8	-42.4	325.2	15.3	8.7	-12.6	273.2	273.6	0.1	12.2	5.4	147.
7.2	29.0	2269.0	748.0	-20.6	-42.3	321.0	15.1	9.5	-11.7	274.4	274.7	0.1	12.2	5.7	146.
7.5	30.0	2368.6	738.0	-20.2	-42.0	317.1	14.4	9.8	-10.6	275.9	276.3	0.1	12.2	6.0	146.
7.9	31.0	2459.6	729.0	-20.1	-42.9	312.6	14.6	10.7	-9.9	277.0	277.3	0.1	10.9	6.3	145.
8.2	32.0	2561.8	719.0	-20.6	-44.4	309.7	14.8	11.4	-9.4	277.5	277.8	0.1	9.7	6.5	145.
8.5	33.0	2655.0	710.0	-20.8	-44.5	307.0	15.0	12.0	-9.1	278.3	278.7	0.1	9.7	6.8	144.
8.9	34.0	2759.8	700.0	-20.9	-44.6	302.8	15.2	12.8	-8.3	279.3	279.6	0.1	9.7	7.1	143.
9.2	35.0	2855.4	691.0	-21.2	-44.8	299.6	15.3	13.3	-7.6	280.1	280.4	0.1	9.8	7.4	142.
9.7	36.0	2984.6	679.0	-21.7	-45.2	295.6	15.3	13.8	-6.6	280.9	281.2	0.1	9.8	7.8	141.
10.1	37.0	3082.8	670.0	-22.1	-45.4	294.6	15.2	13.8	-6.3	281.5	281.8	0.1	9.9	8.1	139.
10.5	38.0	3182.1	661.0	-22.4	-45.6	295.7	15.0	13.5	-6.5	282.3	282.6	0.1	9.9	8.5	138.
10.8	39.0	3271.5	653.0	-22.6	-45.8	296.1	15.0	13.5	-6.6	283.0	283.3	0.1	9.9	8.7	138.
11.2	40.0	3373.3	644.0	-23.2	-46.2	295.8	15.4	13.9	-6.7	283.5	283.8	0.1	10.0	9.1	137.
11.7	41.0	3499.6	633.0	-22.5	-45.7	294.7	16.4	14.9	-5.9	285.6	286.0	0.1	9.9	9.5	136.
12.0	42.0	3604.7	624.0	-22.5	-45.7	294.3	17.2	15.6	-7.1	286.8	287.1	0.1	9.9	9.8	136.
12.4	43.0	3711.3	615.0	-23.0	-46.2	294.3	17.8	16.2	-7.3	287.4	287.7	0.1	10.0	10.2	135.
12.8	44.0	3807.3	607.0	-22.8	-45.9	293.5	17.9	16.4	-7.2	288.8	289.1	0.1	9.9	10.6	134.
13.1	45.0	3916.7	598.0	-23.4	-46.4	292.3	17.9	16.5	-5.8	289.2	289.6	0.1	10.0	10.9	133.
13.5	46.0	4027.5	589.0	-23.7	-46.6	289.4	17.7	16.7	-5.9	290.2	290.5	0.1	10.0	11.3	133.
13.9	47.0	4139.8	580.0	-24.8	-47.3	286.1	18.1	17.4	-5.0	290.2	290.5	0.1	10.1	11.7	132.
14.3	48.0	4240.7	572.0	-25.4	-47.8	283.9	19.0	18.5	-4.6	290.6	290.9	0.1	10.2	12.0	131.
14.7	49.0	4342.8	564.0	-26.1	-48.3	282.4	19.9	19.4	-4.3	291.0	291.3	0.1	10.3	12.5	130.
15.0	50.0	4446.0	556.0	-26.7	-41.7	281.5	20.3	19.9	-4.0	291.4	292.0	0.2	22.1	12.8	129.
15.4	51.0	4576.8	546.0	-27.7	-40.5	279.7	20.2	19.9	-3.4	291.9	292.5	0.2	28.2	13.3	128.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
2315 GMT

156 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.8	52.0	4682.7	538.0	-28.8	-40.3	278.0	20.0	19.8	-3.8	291.7	292.3	0.2	31.8	13.7	127.
16.2	53.0	4789.7	530.0	-30.0	-39.7	276.2	19.9	19.8	-3.2	291.5	292.2	0.2	37.9	14.1	126.
16.5	54.0	4911.4	521.0	-31.1	-39.8	275.0	20.0	20.0	-1.7	291.7	292.4	0.2	41.6	14.4	125.
16.8	55.0	5020.9	513.0	-32.0	-37.7	272.9	20.0	20.0	-1.0	291.9	292.8	0.3	56.8	14.7	124.
17.2	56.0	5145.7	504.0	-32.8	-37.7	270.0	19.8	19.8	-3.0	292.4	293.3	0.3	61.4	15.1	123.
17.5	57.0	5258.2	496.0	-33.7	-37.8	267.8	19.6	19.6	0.8	292.6	293.5	0.3	66.1	15.5	123.
17.8	58.0	5357.7	489.0	-34.5	-38.2	266.7	19.7	19.7	1.1	292.8	293.7	0.3	69.0	15.7	122.
18.2	59.0	5472.8	481.0	-35.6	-39.3	265.8	20.0	19.9	1.5	292.9	293.7	0.3	70.0	16.1	121.
18.5	60.0	5589.3	473.0	-36.5	-39.7	265.5	20.3	20.3	1.6	293.1	293.9	0.2	71.5	16.4	120.
18.9	61.0	5692.5	466.0	-37.3	-40.4	264.5	21.0	20.9	2.0	293.4	294.2	0.2	72.5	16.8	119.
19.2	62.0	5796.9	459.0	-38.1	-41.2	263.7	21.4	21.3	2.4	293.7	294.4	0.2	72.2	17.1	119.
19.6	63.0	5917.6	451.0	-39.3	-42.3	262.4	21.9	21.7	2.9	293.6	294.3	0.2	73.1	17.5	117.
19.9	64.0	6024.6	444.0	-40.0	-42.9	261.4	22.1	21.9	3.3	294.1	294.7	0.2	73.4	17.9	117.
20.2	65.0	6133.0	437.0	-40.8	99.9	260.7	22.3	22.1	3.6	294.4	999.9	99.9	999.9	18.2	116.
20.7	66.0	6274.3	428.0	-41.8	99.9	260.6	22.5	22.2	3.7	295.0	999.9	99.9	999.9	18.7	115.
21.1	67.0	6386.0	421.0	-42.2	99.9	261.5	22.5	22.2	3.3	295.8	999.9	99.9	999.9	19.2	114.
21.5	68.0	6499.1	414.0	-43.3	99.9	263.2	22.1	22.0	2.6	295.8	999.9	99.9	999.9	19.7	113.
21.9	69.0	6613.7	407.0	-44.4	99.9	265.3	21.9	21.8	1.8	295.8	999.9	99.9	999.9	20.1	112.
22.3	70.0	6729.7	400.0	-45.2	99.9	267.2	22.0	22.0	1.1	296.2	999.9	99.9	999.9	20.6	112.
22.8	71.0	6864.3	392.0	-46.1	99.9	268.8	22.6	22.6	1.5	296.8	999.9	99.9	999.9	21.2	111.
23.2	72.0	6983.9	385.0	-47.1	99.9	269.3	23.1	23.1	0.3	297.0	999.9	99.9	999.9	21.7	110.
23.7	73.0	7087.6	379.0	-48.3	99.9	268.7	23.2	23.2	0.5	296.8	999.9	99.9	999.9	22.4	110.
24.1	74.0	7210.2	372.0	-49.3	99.9	267.2	23.0	22.9	1.1	297.1	999.9	99.9	999.9	22.9	109.
24.5	75.0	7334.5	365.0	-50.2	99.9	265.8	22.4	22.3	1.6	297.5	999.9	99.9	999.9	23.4	109.
25.0	76.0	7442.5	359.0	-51.2	99.9	266.8	22.0	21.9	1.2	297.5	999.9	99.9	999.9	23.9	108.
25.5	77.0	7570.3	352.0	-51.8	99.9	268.7	22.3	22.3	1.5	298.4	999.9	99.9	999.9	24.7	108.
26.0	78.0	7681.7	346.0	-52.3	99.9	269.9	23.0	23.0	1.1	299.2	999.9	99.9	999.9	25.2	107.
26.4	79.0	7794.6	340.0	-53.1	99.9	271.2	23.6	23.6	-1.5	299.7	999.9	99.9	999.9	25.8	107.
26.9	80.0	7909.3	334.0	-53.4	99.9	273.5	23.8	23.7	-1.5	300.8	999.9	99.9	999.9	26.4	106.
27.4	81.0	8065.2	326.0	-54.0	99.9	275.2	22.6	22.5	-2.0	302.0	999.9	99.9	999.9	27.2	106.
27.9	82.0	8184.3	320.0	-54.5	99.9	275.5	20.5	20.4	-2.0	302.9	999.9	99.9	999.9	27.9	106.
28.4	83.0	8305.4	314.0	-54.9	99.9	274.6	19.6	19.5	-1.6	303.9	999.9	99.9	999.9	28.3	106.
28.8	84.0	8407.8	309.0	-55.8	99.9	272.7	20.0	20.0	-3.9	304.2	999.9	99.9	999.9	28.8	105.
29.2	85.0	8532.4	303.0	-56.6	99.9	270.0	20.6	20.6	-3.0	304.8	999.9	99.9	999.9	29.3	105.
29.7	86.0	8701.8	295.0	-57.6	99.9	266.8	20.9	20.9	1.2	305.7	999.9	99.9	999.9	29.9	105.
30.2	87.0	8809.4	290.0	-58.7	99.9	265.7	20.4	20.3	1.5	305.5	999.9	99.9	999.9	30.5	104.
30.6	88.0	8940.5	284.0	-59.4	99.9	267.0	19.9	19.9	1.1	306.3	999.9	99.9	999.9	31.0	104.
31.1	89.0	9051.5	279.0	-60.1	99.9	270.1	20.1	20.1	-0.1	306.9	999.9	99.9	999.9	31.6	104.
31.6	90.0	9187.4	273.0	-59.6	99.9	272.7	21.5	21.4	-1.0	309.6	999.9	99.9	999.9	32.1	104.
32.0	91.0	9303.0	268.0	-59.4	99.9	273.8	23.0	22.9	-1.5	311.5	999.9	99.9	999.9	32.7	104.
32.5	92.0	9444.8	262.0	-59.4	99.9	273.7	24.0	24.0	-1.5	313.5	999.9	99.9	999.9	33.4	103.
32.9	93.0	9565.6	257.0	-58.7	99.9	272.0	23.4	23.4	-1.8	316.2	999.9	99.9	999.9	34.0	103.
33.4	94.0	9689.3	252.0	-57.7	99.9	268.4	22.0	21.9	0.6	319.5	999.9	99.9	999.9	34.7	103.
33.9	95.0	9816.2	247.0	-56.1	99.9	265.0	20.8	20.8	1.8	323.8	999.9	99.9	999.9	35.2	103.
34.4	96.0	9999.7	240.0	-54.3	99.9	265.0	21.6	21.5	1.9	329.2	999.9	99.9	999.9	35.8	102.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
2315 GMT

156 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
34.9	97.0	10134.7	235.0	-54.5	99.9	268.2	24.1	24.1	0.8	330.9	999.9	99.9	999.9	36.3	102.
35.4	98.0	10272.4	230.0	-54.5	99.9	272.1	25.5	25.5	-0.9	332.9	999.9	99.9	999.9	37.2	102.
35.9	99.0	10413.5	225.0	-53.4	99.9	275.4	23.8	23.7	-2.2	336.7	999.9	99.9	999.9	38.1	102.
36.4	100.0	10558.6	220.0	-52.1	99.9	277.3	21.3	21.1	-2.7	340.8	999.9	99.9	999.9	38.7	101.
37.0	101.0	10738.1	214.0	-51.1	99.9	276.9	20.8	20.7	-2.5	345.2	999.9	99.9	999.9	39.3	101.
37.5	102.0	10860.9	210.0	-50.8	99.9	274.5	22.5	22.4	-1.8	347.5	999.9	99.9	999.9	40.0	101.
38.0	103.0	11017.7	205.0	-51.4	99.9	272.9	23.7	23.6	-1.2	349.0	999.9	99.9	999.9	40.6	101.
38.4	104.0	11145.7	201.0	-51.4	99.9	273.7	23.0	23.0	-1.5	350.9	999.9	99.9	999.9	41.3	101.
38.9	105.0	11309.5	196.0	-50.9	99.9	277.7	21.0	20.8	-2.8	354.2	999.9	99.9	999.9	42.0	101.
39.4	106.0	11443.9	192.0	-50.2	99.9	284.1	19.5	18.9	-4.7	357.5	999.9	99.9	999.9	42.5	101.
39.9	107.0	11616.4	187.0	-49.7	99.9	288.4	18.8	17.9	-5.9	360.9	999.9	99.9	999.9	43.1	101.
40.4	108.0	11757.9	183.0	-49.9	99.9	287.6	18.1	17.2	-5.5	362.9	999.9	99.9	999.9	43.7	101.
40.9	109.0	11902.1	179.0	-50.9	99.9	282.5	17.6	17.2	-3.8	363.5	999.9	99.9	999.9	44.2	101.
41.5	110.0	12048.8	175.0	-52.3	99.9	276.5	19.4	19.3	-2.2	363.6	999.9	99.9	999.9	44.8	101.
42.2	111.0	12274.1	169.0	-53.1	99.9	276.4	21.6	21.5	-2.4	366.0	999.9	99.9	999.9	45.7	101.
42.7	112.0	12428.5	165.0	-52.9	99.9	277.6	20.5	20.3	-2.7	368.7	999.9	99.9	999.9	46.5	101.
43.2	113.0	12546.7	162.0	-53.5	99.9	278.2	18.8	18.6	-2.7	369.6	999.9	99.9	999.9	46.9	101.
43.8	114.0	12707.3	158.0	-54.3	99.9	278.3	19.2	19.0	-2.8	371.0	999.9	99.9	999.9	47.6	101.
44.4	115.0	12913.4	153.0	-54.5	99.9	279.5	21.0	20.7	-3.5	374.1	999.9	99.9	999.9	48.3	101.
45.1	116.0	13083.3	149.0	-53.8	99.9	280.7	20.6	20.3	-3.8	378.0	999.9	99.9	999.9	49.3	101.
45.7	117.0	13258.3	145.0	-53.4	99.9	280.1	18.8	18.5	-3.3	381.8	999.9	99.9	999.9	49.9	101.
46.3	118.0	13438.0	141.0	-54.3	99.9	277.4	18.4	18.3	-2.4	383.2	999.9	99.9	999.9	50.6	101.
46.9	119.0	13576.0	138.0	-53.8	99.9	274.2	20.4	20.4	-1.5	386.4	999.9	99.9	999.9	51.2	101.
47.6	120.0	13764.9	134.0	-53.8	99.9	271.5	22.2	22.2	-0.6	389.7	999.9	99.9	999.9	52.2	101.
48.2	121.0	13959.6	130.0	-53.8	99.9	270.9	22.6	22.6	-0.4	393.1	999.9	99.9	999.9	52.9	101.
48.8	122.0	14109.6	127.0	-53.8	99.9	273.7	23.1	23.0	-1.5	395.7	999.9	99.9	999.9	53.8	100.
49.3	123.0	14263.2	124.0	-53.7	99.9	276.3	22.3	22.2	-2.5	398.7	999.9	99.9	999.9	54.5	100.
49.9	124.0	14474.2	120.0	-53.2	99.9	277.2	20.6	20.1	-2.6	403.3	999.9	99.9	999.9	55.3	100.
50.5	125.0	14637.2	117.0	-53.7	99.9	277.5	21.3	21.1	-2.8	405.4	999.9	99.9	999.9	55.9	100.
51.2	126.0	14860.3	113.0	-54.6	99.9	278.7	23.7	23.4	-3.6	407.7	999.9	99.9	999.9	56.9	100.
51.8	127.0	15032.5	110.0	-54.6	99.9	277.9	22.6	22.3	-3.1	410.8	999.9	99.9	999.9	57.8	100.
52.5	128.0	15269.5	106.0	-54.9	99.9	276.9	21.0	20.9	-2.5	414.6	999.9	99.9	999.9	58.7	100.
53.1	129.0	15391.3	104.0	-54.6	99.9	277.4	22.7	22.5	-2.9	417.5	999.9	99.9	999.9	59.3	100.
53.8	130.0	15642.2	100.0	-54.8	99.9	278.0	21.3	21.1	-3.0	421.9	999.9	99.9	999.9	60.5	100.
54.6	131.0	15836.6	97.0	-55.9	99.9	282.2	17.6	17.2	-3.7	423.4	999.9	99.9	999.9	61.3	100.
55.2	132.0	16036.3	94.0	-56.2	99.9	282.7	18.1	17.7	-4.0	426.6	999.9	99.9	999.9	61.9	100.
55.8	133.0	16241.9	91.0	-57.2	99.9	281.2	18.6	18.3	-3.6	428.6	999.9	99.9	999.9	62.7	100.
56.4	134.0	16453.7	88.0	-57.7	99.9	281.8	17.4	17.0	-3.5	431.7	999.9	99.9	999.9	63.3	100.
57.0	135.0	16599.0	86.0	-56.9	99.9	283.8	18.7	18.2	-4.4	436.2	999.9	99.9	999.9	63.8	100.
57.8	136.0	16901.2	82.0	-56.2	99.9	282.5	20.0	19.5	-4.3	443.6	999.9	99.9	999.9	64.9	100.
58.5	137.0	17138.1	79.0	-56.1	99.9	280.6	15.8	15.6	-2.9	448.6	999.9	99.9	999.9	65.9	100.
59.3	138.0	17383.6	76.0	-57.2	99.9	280.2	16.5	16.2	-2.9	451.2	999.9	99.9	999.9	66.3	100.
60.1	139.0	17637.6	73.0	-58.4	99.9	280.2	19.6	19.3	-3.5	454.0	999.9	99.9	999.9	67.3	100.
60.9	140.0	17900.7	70.0	-60.0	99.9	280.2	19.0	18.7	-3.4	456.2	999.9	99.9	999.9	68.3	100.
61.9	141.0	18174.3	67.0	-59.8	99.9	279.9	19.1	18.8	-3.3	462.3	999.9	99.9	999.9	69.3	100.

\* BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 645  
GREEN BAY, WIS

6 FEBRUARY 1975  
2315 GMT

156 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
62.8	142.0	18461.3	64.0	-58.7	99.9	277.6	23.2	23.0	-3.1	470.6	999.9	99.9	999.9	70.4	100.
63.8	143.0	18763.2	61.0	-58.2	99.9	277.3	18.5	18.3	-2.4	478.3	999.9	99.9	999.9	72.0	100.
64.8	144.0	19079.3	58.0	-60.1	99.9	279.9	13.1	12.9	-2.2	481.0	999.9	99.9	999.9	72.6	100.
65.9	145.0	19297.7	56.0	-61.2	99.9	279.7	17.2	16.9	-2.9	483.4	999.9	99.9	999.9	73.6	100.
66.9	146.0	19639.4	53.0	-61.4	99.9	274.4	23.0	23.0	-1.7	490.6	999.9	99.9	999.9	74.8	100.
67.9	147.0	20000.1	50.0	-62.3	99.9	270.9	19.3	19.3	-0.3	496.8	999.9	99.9	999.9	76.5	100.
69.0	148.0	20251.7	48.0	-63.2	99.9	271.4	16.5	16.5	-0.4	500.4	999.9	99.9	999.9	77.1	100.
70.1	149.0	20647.7	45.0	-64.1	99.9	277.8	20.4	20.2	-2.8	507.4	999.9	99.9	999.9	78.6	100.
71.5	150.0	21069.9	42.0	-64.3	99.9	279.7	17.9	17.6	-3.0	517.1	999.9	99.9	999.9	80.2	100.
72.7	151.0	21367.7	40.0	-65.3	99.9	279.7	26.9	26.5	-1.5	521.9	999.9	99.9	999.9	81.6	100.
73.8	152.0	21841.4	37.0	-66.1	99.9	279.7	23.5	23.1	-4.0	531.6	999.9	99.9	999.9	83.6	100.
75.0	153.0	22178.2	35.0	-66.5	99.9	279.7	21.0	20.7	-3.5	539.1	999.9	99.9	999.9	84.9	100.
76.4	154.0	22718.8	32.0	-67.9	99.9	279.7	21.8	21.5	-3.7	549.3	999.9	99.9	999.9	86.9	100.
78.1	155.0	23106.9	30.0	-67.7	99.9	275.3	21.3	21.2	-2.0	560.1	999.9	99.9	999.9	89.1	100.
79.6	156.0	23523.8	28.0	-66.1	99.9	283.7	16.7	16.2	-4.0	575.8	999.9	99.9	999.9	90.6	100.
81.0	157.0	23975.8	26.0	-63.8	99.9	295.0	19.8	17.9	-3.4	594.7	999.9	99.9	999.9	92.3	100.
82.9	158.0	24728.4	23.0	-63.4	99.9	287.5	17.1	16.3	-5.1	617.0	999.9	99.9	999.9	94.4	100.
84.9	159.0	25289.9	21.0	-61.5	99.9	294.8	16.5	15.0	-5.9	638.8	999.9	99.9	999.9	95.9	100.
86.9	160.0	25908.3	19.0	-62.8	99.9	290.8	13.8	12.9	-4.9	653.4	999.9	99.9	999.9	97.7	101.
89.3	161.0	26978.6	16.0	-58.2	99.9	294.2	12.6	11.5	-5.2	701.3	999.9	99.9	999.9	100.3	101.
91.8	162.0	27817.6	14.0	-59.1	99.9	999.9	99.9	99.9	99.9	725.7	999.9	99.9	999.9	999.9	999.

STATION NO. 645  
GREEN HAY, WIS

7 FEBRUARY 1975  
515 GMT

151 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	210.0	588.5	-17.8	-23.3	270.0	7.7	7.7	0.0	256.3	257.8	0.6	62.0	0.0	0.
0.3	7.0	228.9	586.0	-18.1	-22.5	298.3	14.5	12.8	-5.9	256.2	257.8	0.6	68.7	0.3	109.
0.5	8.0	320.5	574.0	-18.0	-22.5	298.3	14.5	12.8	-5.9	257.2	258.9	0.6	67.1	0.3	109.
0.8	9.0	405.5	563.0	-17.7	-22.4	298.3	13.5	11.9	-6.4	258.3	260.0	0.7	66.4	0.6	113.
1.2	10.0	491.7	952.0	-16.2	-21.5	299.2	11.8	10.3	-5.8	260.7	262.6	0.7	63.0	0.9	115.
1.6	11.0	603.4	938.0	-15.5	-21.7	302.8	10.2	8.6	-5.6	262.5	264.4	0.7	58.8	1.1	116.
1.9	12.0	692.5	927.0	-15.5	-21.7	309.3	9.8	7.5	-6.2	263.4	265.3	0.7	58.7	1.3	117.
2.2	13.0	782.7	916.0	-15.2	-22.0	314.2	10.0	7.1	-6.9	264.6	266.5	0.7	56.1	1.5	119.
2.6	14.0	874.0	905.0	-14.9	-25.0	317.6	10.4	7.0	-7.7	265.8	267.3	0.6	41.7	1.7	122.
2.9	15.0	966.5	894.0	-15.2	-25.5	317.4	10.1	6.9	-7.5	266.4	267.9	0.5	40.6	1.9	123.
3.3	16.0	1085.6	880.0	-16.2	-26.9	319.5	10.2	6.7	-7.8	266.6	267.9	0.5	38.8	2.1	125.
3.7	17.0	1180.1	869.0	-17.1	-27.5	321.6	10.7	6.6	-8.4	266.6	267.8	0.5	39.9	2.4	127.
3.9	18.0	1275.5	858.0	-18.0	-27.8	322.2	11.0	6.7	-8.7	266.7	267.9	0.5	41.7	2.5	127.
4.3	19.0	1371.9	847.0	-18.6	-27.2	318.4	11.1	7.4	-8.3	267.0	268.3	0.5	46.6	2.7	129.
4.6	20.0	1469.2	836.0	-19.2	-26.5	314.4	11.4	8.1	-7.9	267.4	268.8	0.5	51.5	2.9	129.
5.0	21.0	1576.6	824.0	-20.2	-26.5	310.0	12.6	9.6	-8.1	267.4	268.8	0.5	57.4	3.2	129.
5.3	22.0	1676.1	813.0	-20.9	-25.8	310.3	14.1	10.8	-9.1	267.7	269.3	0.6	64.8	3.5	130.
5.7	23.0	1767.5	803.0	-21.2	-29.8	311.3	15.2	11.4	-10.0	268.3	269.4	0.4	45.4	3.8	130.
5.9	24.0	1869.2	792.0	-21.9	-31.4	312.1	15.2	11.3	-10.2	268.7	269.7	0.3	41.4	4.0	130.
6.3	25.0	1962.6	782.0	-22.7	-33.4	311.9	15.0	11.2	-10.0	268.8	269.6	0.3	36.4	4.4	130.
6.7	26.0	2076.1	770.0	-22.5	-37.5	310.2	15.1	11.5	-9.7	270.1	270.7	0.2	23.9	4.7	130.
7.0	27.0	2181.7	759.0	-22.4	-41.0	303.4	15.5	12.1	-9.6	271.3	271.7	0.1	15.7	5.0	130.
7.3	28.0	2279.1	749.0	-22.9	-42.5	309.2	14.6	11.3	-9.2	271.8	272.2	0.1	14.7	5.3	130.
7.8	29.0	2377.4	739.0	-23.6	-42.6	310.3	14.3	10.9	-9.2	272.1	272.5	0.1	15.3	5.7	130.
8.1	30.0	2467.0	730.0	-23.6	-43.3	310.6	14.8	11.2	-9.6	273.1	273.4	0.1	14.2	5.9	130.
8.5	31.0	2567.9	720.0	-23.6	-46.2	310.8	15.8	12.0	-10.3	274.1	274.4	0.1	10.4	6.3	130.
8.8	32.0	2670.1	710.0	-23.6	-46.2	310.3	16.4	12.5	-10.6	275.2	275.5	0.1	10.4	6.6	130.
9.2	33.0	2773.8	700.0	-23.6	-44.4	309.5	17.1	13.2	-10.9	276.4	276.7	0.1	12.6	7.0	130.
9.6	34.0	2878.8	690.0	-24.3	-45.3	308.5	17.8	13.9	-11.1	276.8	277.1	0.1	12.1	7.4	130.
10.0	35.0	2974.7	681.0	-23.3	-46.5	307.3	18.5	14.7	-11.2	278.8	279.1	0.1	9.8	7.8	130.
10.4	36.0	3104.9	669.0	-23.1	-49.0	306.8	19.0	15.2	-11.4	280.5	280.7	0.1	6.7	8.3	130.
10.7	37.0	3215.3	659.0	-22.9	-49.5	306.7	19.4	15.6	-11.6	281.9	282.1	0.1	6.7	8.6	130.
11.1	38.0	3316.2	650.0	-22.4	-49.2	306.9	20.0	16.0	-12.0	283.6	283.8	0.1	6.6	9.1	129.
11.5	39.0	3418.6	641.0	-22.1	-49.0	307.1	20.9	16.7	-12.6	285.1	285.3	0.1	6.6	9.5	129.
11.7	40.0	3522.6	632.0	-22.0	-48.9	307.1	21.2	16.9	-12.8	286.4	286.6	0.1	6.6	9.8	129.
12.2	41.0	3651.6	621.0	-22.7	-49.3	307.5	21.5	17.1	-13.1	287.0	287.3	0.1	6.6	10.5	129.
12.5	42.0	3758.7	612.0	-23.1	-49.6	308.0	21.3	16.8	-13.1	287.8	288.0	0.1	6.7	11.0	129.
12.9	43.0	3854.9	604.0	-23.7	-50.0	309.8	21.0	16.1	-13.4	288.1	288.3	0.1	6.8	11.4	129.
13.2	44.0	3964.5	595.0	-24.4	-50.5	311.1	21.1	15.9	-13.9	288.6	288.8	0.1	6.8	11.7	129.
13.6	45.0	4087.8	585.0	-25.2	-49.4	312.7	21.3	15.7	-14.5	289.0	289.3	0.1	8.1	12.3	129.
14.0	46.0	4187.6	577.0	-26.1	-48.5	313.4	21.4	15.5	-14.7	289.1	289.4	0.1	10.0	12.8	129.
14.3	47.0	4301.2	568.0	-27.0	-49.2	312.9	20.9	15.3	-15.2	289.3	289.6	0.1	10.1	13.2	130.
14.7	48.0	4403.3	560.0	-27.7	-49.6	311.6	20.3	15.2	-13.5	289.7	290.0	0.1	10.2	13.7	130.
15.1	49.0	4519.5	551.0	-28.7	-50.4	309.9	19.7	15.1	-12.6	289.8	290.0	0.1	10.3	14.1	130.
15.4	50.0	4624.1	543.0	-29.5	-49.7	308.5	19.5	15.2	-12.1	290.1	290.3	0.1	12.1	14.5	130.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

7 FEBRUARY 1975  
515 GMT

151 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.9	51.0	4756.6	533.0	-30.2	-48.1	306.3	19.2	15.5	-11.4	290.8	291.1	0.1	15.3	15.1	130.
16.2	52.0	4877.5	524.0	-31.1	-47.3	304.8	19.0	15.6	-10.8	291.1	291.5	0.1	17.4	15.4	130.
16.7	53.0	4986.4	516.0	-32.2	-48.2	301.9	18.4	15.6	-9.7	291.1	291.5	0.1	18.4	16.0	129.
17.1	54.0	5056.5	508.0	-32.8	-48.5	299.4	17.8	15.5	-8.7	291.6	292.0	0.1	18.9	16.4	129.
17.4	55.0	5222.1	499.0	-33.9	-49.0	297.4	17.5	15.6	-8.1	291.8	292.1	0.1	19.9	16.8	129.
18.0	56.0	5349.3	490.0	-35.1	-49.4	294.6	18.5	16.8	-7.7	291.9	292.2	0.1	21.3	17.2	128.
18.4	57.0	5463.9	482.0	-36.0	-50.0	293.5	19.9	18.3	-7.9	292.1	292.4	0.1	21.8	17.8	128.
18.7	58.0	5579.9	474.0	-36.8	-50.2	293.0	20.4	18.8	-8.0	292.5	292.8	0.1	23.1	18.1	128.
19.1	59.0	5697.5	466.0	-38.0	-51.3	293.0	20.3	18.7	-7.9	292.5	292.7	0.1	23.1	18.7	127.
19.5	60.0	5801.5	459.0	-39.1	-51.9	294.2	19.4	17.7	-8.0	292.4	292.6	0.1	24.0	19.1	127.
19.9	61.0	5921.8	451.0	-39.9	-52.5	296.8	19.0	17.0	-8.6	292.8	293.0	0.1	24.4	19.5	127.
20.3	62.0	6043.9	443.0	-40.6	99.9	298.1	19.5	17.2	-9.2	293.5	999.9	99.9	999.9	19.9	126.
20.7	63.0	6152.2	436.0	-41.4	99.9	297.7	20.2	17.9	-9.4	293.8	999.9	99.9	999.9	20.4	126.
21.1	64.0	6277.6	428.0	-42.3	99.9	296.2	20.8	18.7	-9.2	294.3	999.9	99.9	999.9	21.0	126.
21.5	65.0	6388.9	421.0	-43.2	99.9	294.6	21.1	19.2	-9.8	294.5	999.9	99.9	999.9	21.4	126.
21.9	66.0	6534.0	412.0	-44.5	99.9	294.4	21.3	19.4	-9.8	294.7	999.9	99.9	999.9	22.0	126.
22.4	67.0	6648.5	405.0	-45.6	99.9	295.0	21.5	19.5	-9.1	294.6	999.9	99.9	999.9	22.6	125.
22.8	68.0	6764.5	398.0	-46.5	99.9	296.1	21.5	19.3	-9.5	295.0	999.9	99.9	999.9	23.1	125.
23.2	69.0	6882.0	391.0	-47.4	99.9	297.4	21.5	19.1	-9.9	295.3	999.9	99.9	999.9	23.6	125.
23.6	70.0	7001.3	384.0	-48.3	99.9	298.8	21.4	18.8	-10.3	295.7	999.9	99.9	999.9	24.1	125.
24.1	71.0	7157.1	375.0	-49.3	99.9	299.2	21.1	18.4	-10.3	296.4	999.9	99.9	999.9	24.7	125.
24.4	72.0	7280.5	368.0	-50.2	99.9	298.1	20.7	18.3	-9.8	296.8	999.9	99.9	999.9	25.2	125.
24.9	73.0	7387.6	362.0	-50.9	99.9	293.8	21.0	19.2	-8.5	297.2	999.9	99.9	999.9	25.7	124.
25.3	74.0	7514.6	355.0	-51.4	99.9	289.6	22.4	21.1	-7.5	298.2	999.9	99.9	999.9	26.2	124.
25.7	75.0	7625.3	349.0	-51.6	99.9	285.9	23.8	22.9	-6.5	299.5	999.9	99.9	999.9	26.7	124.
26.2	76.0	7756.5	342.0	-52.5	99.9	281.8	24.6	24.1	-5.0	299.9	999.9	99.9	999.9	27.5	123.
26.6	77.0	7870.7	336.0	-53.3	99.9	278.7	24.0	23.7	-3.6	300.4	999.9	99.9	999.9	28.1	123.
27.1	78.0	7986.6	330.0	-54.1	99.9	275.0	22.5	22.5	-2.0	300.9	999.9	99.9	999.9	28.6	122.
27.5	79.0	8123.9	323.0	-55.0	99.9	272.2	21.7	21.6	-0.8	301.4	999.9	99.9	999.9	29.2	122.
27.9	80.0	8243.4	317.0	-55.8	99.9	270.9	21.6	21.6	-0.4	301.9	999.9	99.9	999.9	29.5	121.
28.5	81.0	8405.7	309.0	-57.2	99.9	272.1	21.9	21.9	-0.8	302.2	999.9	99.9	999.9	30.3	120.
29.2	82.0	8529.4	303.0	-58.2	99.9	275.6	21.8	21.7	-2.1	302.5	999.9	99.9	999.9	31.1	120.
29.7	83.0	8655.2	297.0	-58.9	99.9	277.3	21.3	21.1	-2.7	303.3	999.9	99.9	999.9	31.7	119.
30.3	84.0	8783.4	291.0	-58.3	99.9	278.9	21.2	21.0	-3.3	305.8	999.9	99.9	999.9	32.3	119.
30.8	85.0	8914.9	285.0	-57.2	99.9	280.1	21.9	21.5	-3.8	309.3	999.9	99.9	999.9	33.0	118.
31.3	86.0	9072.8	278.0	-55.7	99.9	280.8	22.5	22.1	-4.2	313.7	999.9	99.9	999.9	33.6	118.
31.8	87.0	9212.2	272.0	-54.2	99.9	282.1	22.8	22.3	-4.8	317.7	999.9	99.9	999.9	34.3	118.
32.3	88.0	9331.3	267.0	-54.1	99.9	284.5	23.7	22.9	-5.9	319.7	999.9	99.9	999.9	34.9	117.
32.7	89.0	9477.1	261.0	-54.1	99.9	286.7	24.4	23.4	-7.0	321.7	999.9	99.9	999.9	35.4	117.
33.2	90.0	9601.4	256.0	-53.6	99.9	288.4	24.4	23.1	-7.7	324.2	999.9	99.9	999.9	36.3	117.
33.6	91.0	9754.0	250.0	-53.4	99.9	288.6	23.2	22.0	-7.4	326.7	999.9	99.9	999.9	36.9	117.
34.2	92.0	9884.1	245.0	-52.9	99.9	287.4	21.4	20.4	-5.4	329.3	999.9	99.9	999.9	37.6	117.
34.7	93.0	10017.2	240.0	-52.8	99.9	286.3	21.7	20.8	-5.1	331.4	999.9	99.9	999.9	38.2	117.
35.3	94.0	10153.3	235.0	-52.2	99.9	286.3	23.6	22.6	-5.6	334.4	999.9	99.9	999.9	38.9	116.
35.8	95.0	10292.5	230.0	-52.2	99.9	287.1	23.7	22.6	-7.0	336.5	999.9	99.9	999.9	39.8	116.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

7 FEBRUARY 1975  
515 GMT

151 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
36.4	96.0	10493.0	223.0	-51.1	99.9	287.9	21.4	20.3	-6.6	341.1	999.9	99.9	999.9	40.6	116.
37.0	97.0	10640.6	218.0	-50.9	99.9	287.6	20.6	19.6	-6.2	343.5	999.9	99.9	999.9	41.2	116.
37.4	98.0	10761.1	214.0	-50.9	99.9	286.3	21.9	21.1	-6.1	345.4	999.9	99.9	999.9	41.7	116.
37.9	99.0	10914.9	209.0	-51.2	99.9	283.4	22.5	21.9	-5.2	347.2	999.9	99.9	999.9	42.5	116.
38.5	100.0	11072.4	204.0	-50.9	99.9	278.4	21.5	21.2	-3.1	350.1	999.9	99.9	999.9	43.2	115.
39.1	101.0	11266.8	198.0	-50.6	99.9	275.4	21.5	21.4	-2.0	353.6	999.9	99.9	999.9	43.9	115.
39.7	102.0	11400.1	194.0	-49.6	99.9	275.6	22.8	22.7	-2.2	357.4	999.9	99.9	999.9	44.7	115.
40.3	103.0	11571.1	189.0	-49.6	99.9	274.9	24.2	24.1	-2.0	360.0	999.9	99.9	999.9	45.5	114.
40.9	104.0	11711.2	185.0	-49.7	99.9	272.7	24.3	24.3	-1.2	362.0	999.9	99.9	999.9	46.4	114.
41.4	105.0	11890.3	180.0	-50.2	99.9	272.4	22.7	22.7	-0.9	364.1	999.9	99.9	999.9	47.1	113.
42.0	106.0	12036.9	176.0	-50.8	99.9	274.9	20.6	20.5	-1.8	365.5	999.9	99.9	999.9	47.7	113.
42.5	107.0	12186.4	172.0	-51.2	99.9	278.2	20.5	20.3	-2.9	367.1	999.9	99.9	999.9	48.3	113.
43.1	108.0	12378.5	167.0	-50.6	99.9	281.3	20.5	20.1	-1.0	371.3	999.9	99.9	999.9	49.0	113.
43.6	109.0	12536.1	163.0	-51.7	99.9	282.5	20.6	20.1	-4.5	372.0	999.9	99.9	999.9	49.6	113.
44.2	110.0	12697.0	159.0	-52.3	99.9	281.7	22.9	22.4	-4.6	373.7	999.9	99.9	999.9	50.3	113.
44.9	111.0	12903.6	154.0	-52.6	99.9	281.5	26.0	25.4	-5.2	376.6	999.9	99.9	999.9	51.4	112.
45.6	112.0	13073.4	150.0	-53.1	99.9	283.0	25.1	24.4	-5.6	378.6	999.9	99.9	999.9	52.6	112.
46.2	113.0	13203.8	147.0	-52.5	99.9	283.6	25.1	24.4	-5.9	381.9	999.9	99.9	999.9	53.3	112.
46.8	114.0	13382.4	143.0	-51.7	99.9	284.3	26.0	25.2	-5.4	386.2	999.9	99.9	999.9	54.3	112.
47.3	115.0	13613.2	138.0	-51.9	99.9	284.4	26.3	25.5	-5.5	389.9	999.9	99.9	999.9	55.0	112.
48.1	116.0	13803.7	134.0	-52.2	99.9	279.9	26.9	26.5	-5.6	392.7	999.9	99.9	999.9	56.3	112.
48.7	117.0	13999.7	130.0	-52.5	99.9	276.6	27.6	27.5	-3.2	395.5	999.9	99.9	999.9	57.2	111.
49.3	118.0	14150.3	127.0	-53.6	99.9	277.3	27.6	27.4	-3.5	396.2	999.9	99.9	999.9	58.2	111.
49.9	119.0	14356.2	123.0	-53.3	99.9	273.7	25.8	25.5	-1.9	400.4	999.9	99.9	999.9	59.3	111.
50.6	120.0	14515.3	120.0	-53.1	99.9	279.8	23.3	22.9	-4.0	403.5	999.9	99.9	999.9	60.1	111.
51.2	121.0	14733.8	116.0	-53.3	99.9	282.8	23.0	22.4	-5.1	407.2	999.9	99.9	999.9	61.0	110.
51.7	122.0	14902.5	113.0	-53.4	99.9	284.9	23.2	22.4	-5.0	410.0	999.9	99.9	999.9	61.7	110.
52.2	123.0	15075.4	110.0	-54.1	99.9	285.4	23.0	22.1	-6.1	411.9	999.9	99.9	999.9	62.4	110.
52.8	124.0	15252.7	107.0	-54.4	99.9	283.4	21.8	21.2	-5.0	414.6	999.9	99.9	999.9	63.2	110.
53.4	125.0	15456.6	103.0	-54.9	99.9	277.3	18.6	18.5	-2.4	418.2	999.9	99.9	999.9	64.1	110.
54.6	126.0	15685.9	100.0	-54.4	99.9	269.4	16.3	16.3	0.2	422.7	999.9	99.9	999.9	65.0	110.
55.3	127.0	15880.8	97.0	-55.0	99.9	270.8	19.0	19.0	-0.3	425.1	999.9	99.9	999.9	65.7	110.
56.0	128.0	16081.2	94.0	-55.7	99.9	269.1	20.3	20.3	0.3	427.7	999.9	99.9	999.9	66.5	109.
56.8	129.0	16281.6	91.0	-56.2	99.9	270.3	20.9	20.9	-0.1	430.7	999.9	99.9	999.9	67.4	109.
57.4	130.0	16500.5	88.0	-56.5	99.9	271.8	20.6	20.6	-0.6	434.2	999.9	99.9	999.9	68.2	109.
58.3	131.0	16720.3	85.0	-57.2	99.9	274.6	20.4	20.4	-1.7	437.2	999.9	99.9	999.9	69.2	109.
59.0	132.0	16947.0	82.0	-58.3	99.9	277.9	23.6	23.4	-3.3	439.3	999.9	99.9	999.9	70.1	109.
59.8	133.0	17181.4	79.0	-58.7	99.9	275.8	26.1	25.9	-2.6	443.3	999.9	99.9	999.9	71.4	108.
60.6	134.0	17424.7	76.0	-58.5	99.9	269.0	21.4	21.4	0.4	448.6	999.9	99.9	999.9	72.5	108.
61.5	135.0	17592.5	74.0	-58.0	99.9	267.0	20.3	20.3	1.1	453.1	999.9	99.9	999.9	73.2	108.
62.5	136.0	17854.3	71.0	-56.5	99.9	265.8	22.9	22.9	1.7	461.7	999.9	99.9	999.9	74.3	107.
63.2	137.0	18127.5	68.0	-57.7	99.9	269.8	24.8	24.8	0.1	464.9	999.9	99.9	999.9	75.7	107.
64.0	138.0	18410.8	65.0	-59.9	99.9	272.6	20.8	20.7	-0.9	466.0	999.9	99.9	999.9	76.6	107.
64.7	139.0	18704.8	62.0	-61.7	99.9	279.0	26.3	26.0	-4.1	468.4	999.9	99.9	999.9	77.4	107.
65.5	140.0	19012.0	59.0	-61.7	99.9	282.2	29.4	28.7	-6.2	475.1	999.9	99.9	999.9	79.1	107.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

7 FEBRUARY 1975  
515 GMT

151 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTN GM/KG	RH PCT	RANGE KM	AZ DG
66.6	141.0	19334.6	56.0	-62.4	99.9	287.3	22.2	21.2	-5.6	480.6	999.9	99.9	999.9	81.1	107.
67.7	142.0	19559.4	54.0	-61.9	99.9	291.2	15.1	14.1	-5.5	486.9	999.9	99.9	999.9	81.4	107.
68.7	143.0	19914.2	51.0	-60.6	99.9	286.9	24.9	23.8	-7.2	497.8	999.9	99.9	999.9	83.2	107.
69.6	144.0	20291.5	48.0	-60.8	99.9	286.5	20.3	19.5	-5.8	506.1	999.9	99.9	999.9	84.7	107.
70.7	145.0	20692.6	45.0	-61.1	99.9	279.7	18.0	17.7	-3.0	514.7	999.9	99.9	999.9	85.9	107.
71.8	146.0	20974.1	43.0	-62.4	99.9	278.1	14.9	14.8	-2.1	518.3	999.9	99.9	999.9	86.5	107.
73.0	147.0	21420.6	40.0	-62.2	99.9	286.5	18.0	17.2	-5.1	529.6	999.9	99.9	999.9	87.5	107.
74.2	148.0	21899.9	37.0	-64.3	99.9	288.1	14.6	13.9	-4.5	536.2	999.9	99.9	999.9	89.2	107.
75.3	149.0	22238.4	35.0	-66.1	99.9	293.6	13.4	12.3	-5.4	540.1	999.9	99.9	999.9	89.8	107.
76.8	150.0	22783.2	32.0	-65.1	99.9	283.8	12.1	11.7	-2.9	556.8	999.9	99.9	999.9	91.2	107.
78.5	151.0	23177.2	30.0	-64.3	99.9	279.7	20.1	19.8	-3.4	569.3	999.9	99.9	999.9	92.5	106.
80.2	152.0	23822.9	27.0	-63.6	99.9	303.3	14.1	11.8	-7.7	588.9	999.9	99.9	999.9	94.7	107.
81.7	153.0	24296.0	25.0	-63.0	99.9	305.7	20.0	16.2	-11.7	603.6	999.9	99.9	999.9	95.5	107.
83.4	154.0	25085.4	22.0	-61.7	99.9	311.6	8.2	6.1	-5.4	630.0	999.9	99.9	999.9	98.5	107.
85.3	155.0	25677.0	20.0	-60.8	99.9	287.4	16.7	15.9	-5.0	650.1	999.9	99.9	999.9	98.8	107.
87.0	156.0	26684.0	17.0	-62.4	99.9	999.9	99.9	99.9	99.9	675.8	999.9	99.9	999.9	999.9	999.

STATION NO. 645  
GREEN BAY, WIS

7 FEBRUARY 1975  
1115 GMT

143 38. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	210.0	987.8	-20.6	-24.9	230.0	5.1	3.9	3.3	253.5	254.8	0.5	68.0	0.0	0.
0.1	7.0	231.0	985.0	-20.8	-22.5	117.4	2.9	-2.6	1.3	253.5	255.1	0.6	86.3	0.6	85.
0.4	8.0	321.6	973.0	-20.8	-21.3	117.4	2.9	-2.6	1.3	254.4	256.2	0.7	95.5	0.6	85.
0.6	9.0	405.8	962.0	-20.1	-20.2	138.4	1.7	-1.1	1.2	255.9	258.0	0.8	99.2	0.6	85.
1.0	10.0	458.9	950.0	-20.3	-20.3	259.8	4.9	4.8	3.9	256.7	258.8	0.8	100.7	0.6	81.
1.3	11.0	609.0	936.0	-19.6	-19.6	268.7	9.1	9.1	3.2	258.5	260.7	0.9	102.4	0.8	83.
1.6	12.0	704.9	924.0	-19.7	-19.5	269.2	12.3	12.3	0.2	259.3	261.5	0.9	99.2	1.0	84.
1.9	13.0	794.1	913.0	-17.8	-19.5	264.2	13.4	13.4	1.3	262.1	264.5	0.9	86.8	1.2	86.
2.1	14.0	885.1	902.0	-16.3	-24.9	260.1	14.1	13.9	2.4	264.6	266.1	0.6	47.5	1.4	86.
2.3	15.0	985.9	890.0	-16.2	-25.5	255.2	14.6	14.2	3.7	265.7	267.2	0.5	44.5	1.6	84.
2.7	16.0	1096.7	877.0	-16.3	-26.5	249.6	15.0	14.0	5.2	266.7	268.1	0.5	40.7	1.9	82.
3.0	17.0	1191.6	866.0	-16.8	-27.4	247.9	14.5	13.4	5.5	267.2	268.5	0.5	39.0	2.2	80.
3.3	18.0	1287.5	855.0	-17.2	-28.9	248.0	15.0	13.9	5.6	267.8	268.9	0.4	35.1	2.4	79.
3.7	19.0	1384.6	844.0	-17.4	-28.4	249.3	15.6	14.6	5.5	268.5	269.7	0.4	37.5	2.8	77.
4.0	20.0	1482.8	833.0	-17.7	-28.7	251.1	16.0	15.1	5.2	269.2	270.4	0.4	37.5	3.1	76.
4.3	21.0	1600.4	820.0	-18.1	-29.1	253.3	14.9	14.2	4.3	270.0	271.2	0.4	37.2	3.4	76.
4.6	22.0	1701.2	809.0	-18.9	-28.0	256.5	13.7	13.3	3.2	270.2	271.5	0.5	44.3	3.6	76.
5.0	23.0	1793.7	799.0	-19.6	-29.8	263.6	12.2	12.1	1.4	270.4	271.5	0.4	39.5	3.9	76.
5.3	24.0	1887.3	789.0	-19.3	-33.2	269.7	12.3	12.3	0.1	271.6	272.5	0.3	28.0	4.1	77.
5.6	25.0	1992.0	778.0	-18.0	-31.3	275.1	12.6	12.6	-1.1	274.2	275.2	0.4	29.8	4.4	78.
6.0	26.0	2118.0	765.0	-18.0	-30.8	280.2	13.3	13.0	-2.4	275.5	276.6	0.4	31.5	4.6	79.
6.3	27.0	2216.3	755.0	-18.3	-30.5	282.1	13.7	13.4	-2.9	276.3	277.4	0.4	33.1	4.9	80.
6.6	28.0	2315.7	745.0	-18.8	-30.3	283.2	14.1	13.7	-3.2	276.7	277.9	0.4	35.4	5.1	81.
6.9	29.0	2416.3	735.0	-19.5	-30.7	283.2	14.4	14.1	-3.3	277.1	278.2	0.4	35.9	5.3	83.
7.2	30.0	2518.0	725.0	-20.0	-31.2	282.8	14.8	14.4	-3.3	277.6	278.7	0.4	35.9	5.6	84.
7.5	31.0	2610.5	716.0	-20.8	-31.9	282.1	15.1	14.8	-3.2	277.7	278.7	0.4	35.9	5.8	84.
7.8	32.0	2714.3	706.0	-21.6	-31.0	282.4	15.4	15.1	-3.3	277.9	279.1	0.4	42.3	6.1	85.
8.1	33.0	2819.3	696.0	-22.6	-31.6	282.9	15.8	15.4	-3.5	278.0	279.1	0.4	43.1	6.4	86.
8.4	34.0	2925.4	686.0	-23.0	-32.0	283.6	16.3	15.8	-3.8	278.7	279.8	0.4	43.1	6.7	87.
8.8	35.0	3032.9	676.0	-23.9	-33.5	284.3	17.1	16.6	-4.2	278.8	279.8	0.3	40.3	7.0	88.
9.1	36.0	3152.5	665.0	-24.8	-34.9	284.7	17.9	17.3	-4.5	279.1	280.0	0.3	38.1	7.3	88.
9.4	37.0	3251.4	656.0	-25.6	-34.4	284.8	18.7	18.1	-4.8	279.3	280.2	0.3	43.4	7.6	89.
9.7	38.0	3362.7	646.0	-26.4	-34.4	285.0	19.5	18.8	-5.0	279.6	280.6	0.3	46.6	8.0	90.
10.0	39.0	3464.0	637.0	-26.9	-35.5	285.1	20.2	19.5	-5.2	280.1	281.0	0.3	43.5	8.3	90.
10.3	40.0	3577.9	627.0	-27.7	-32.6	285.1	20.5	19.8	-5.3	280.5	281.7	0.4	62.5	8.7	91.
10.7	41.0	3705.0	616.0	-28.5	-31.8	284.9	20.8	20.1	-5.4	281.0	282.3	0.4	73.1	9.2	92.
11.0	42.0	3810.4	607.0	-29.2	-30.5	284.8	20.8	20.1	-5.3	281.5	282.9	0.5	88.2	9.5	92.
11.3	43.0	3917.0	598.0	-29.7	-31.0	284.8	20.6	20.0	-5.3	282.0	283.5	0.5	88.1	9.9	93.
11.6	44.0	4025.1	589.0	-30.1	-30.3	285.0	20.5	19.8	-5.3	282.8	284.3	0.5	93.3	10.3	93.
12.0	45.0	4134.8	580.0	-30.1	-31.5	285.5	20.5	19.7	-5.5	284.1	285.5	0.5	87.2	10.7	94.
12.3	46.0	4246.2	571.0	-29.7	-31.4	285.7	20.7	19.9	-5.6	285.8	287.3	0.5	85.3	11.1	94.
12.6	47.0	4346.8	563.0	-30.4	-32.4	285.7	21.0	20.2	-5.7	286.2	287.5	0.4	82.4	11.5	94.
12.9	48.0	4461.2	554.0	-31.1	-32.7	285.2	21.4	20.7	-5.6	286.5	287.9	0.4	85.8	11.8	95.
13.3	49.0	4564.2	546.0	-31.9	-33.0	284.4	22.2	21.5	-5.5	286.8	288.1	0.4	90.5	12.3	95.
13.6	50.0	4681.7	537.0	-31.7	-32.8	284.0	22.8	22.2	-5.5	288.5	289.9	0.4	90.0	12.7	95.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

7 FEBRUARY 1975  
1115 GMT

143 38. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
14.0	51.0	4814.6	527.0	-31.9	-32.9	284.0	23.8	23.0	-5.8	289.9	291.3	0.4	89.5	13.3	96.
14.4	52.0	4936.3	518.0	-32.2	-33.7	284.7	24.6	23.8	-6.2	290.8	292.1	0.4	86.4	13.9	96.
14.8	53.0	5046.0	510.0	-33.0	-34.9	285.3	25.6	24.7	-5.8	291.2	292.4	0.4	83.4	14.5	97.
15.1	54.0	5157.1	502.0	-33.5	-35.5	285.7	26.4	25.4	-7.2	291.8	293.0	0.4	82.2	14.9	97.
15.5	55.0	5269.7	494.0	-34.3	-37.1	286.0	27.5	26.4	-7.6	292.2	293.2	0.3	75.3	15.5	97.
15.8	56.0	5412.5	484.0	-35.4	-38.5	285.8	27.9	26.9	-7.6	292.6	293.5	0.3	72.6	16.1	98.
16.3	57.0	5528.4	476.0	-36.3	-39.8	284.9	28.4	27.5	-7.3	292.8	293.6	0.2	69.9	16.9	98.
16.6	58.0	5631.0	469.0	-37.0	-40.9	284.0	28.6	27.7	-6.9	293.2	294.0	0.2	66.4	17.4	98.
17.0	59.0	5749.8	461.0	-38.1	-42.2	282.4	28.7	28.1	-6.2	293.3	294.0	0.2	64.4	18.1	98.
17.3	60.0	5870.1	453.0	-38.9	-43.1	281.4	28.6	28.1	-5.6	293.8	294.4	0.2	63.9	18.6	98.
17.7	61.0	5976.8	446.0	-39.7	-44.1	280.4	28.1	27.7	-5.1	294.1	294.6	0.2	62.5	19.3	98.
18.0	62.0	6100.3	438.0	-40.8	99.9	279.9	27.6	27.2	-4.8	294.2	999.9	99.9	999.9	19.9	99.
18.4	63.0	6209.8	431.0	-41.3	99.9	280.0	27.2	26.7	-4.7	294.9	999.9	99.9	999.9	20.5	99.
18.8	64.0	6320.7	424.0	-42.3	99.9	280.6	26.9	26.4	-5.0	295.0	999.9	99.9	999.9	21.1	99.
19.1	65.0	6449.2	416.0	-43.6	99.9	281.4	26.8	26.3	-5.3	295.0	999.9	99.9	999.9	21.6	99.
19.5	66.0	6595.9	407.0	-44.6	99.9	283.2	26.8	26.1	-5.1	295.6	999.9	99.9	999.9	22.3	99.
20.0	67.0	6711.8	400.0	-45.6	99.9	286.8	28.1	26.9	-4.1	295.8	999.9	99.9	999.9	23.0	99.
20.4	68.0	6829.3	393.0	-46.6	99.9	289.6	30.4	28.6	-10.2	296.0	999.9	99.9	999.9	23.7	99.
20.7	69.0	6948.4	386.0	-47.3	99.9	291.4	31.9	29.7	-11.6	296.6	999.9	99.9	999.9	24.3	99.
21.1	70.0	7051.8	380.0	-48.3	99.9	293.5	33.9	31.1	-13.5	296.5	999.9	99.9	999.9	25.1	100.
21.5	71.0	7209.2	371.0	-49.5	99.9	295.3	35.9	32.4	-15.4	297.0	999.9	99.9	999.9	25.9	100.
21.9	72.0	7333.8	364.0	-50.2	99.9	296.7	39.0	34.8	-17.5	297.6	999.9	99.9	999.9	26.6	101.
22.3	73.0	7460.3	357.0	-51.3	99.9	297.7	42.0	37.7	-19.5	297.8	999.9	99.9	999.9	27.6	101.
22.6	74.0	7570.2	351.0	-52.1	99.9	298.2	44.0	38.8	-20.8	298.3	999.9	99.9	999.9	28.4	102.
23.0	75.0	7700.4	344.0	-52.9	99.9	298.5	45.8	40.2	-21.9	298.9	999.9	99.9	999.9	29.5	103.
23.5	76.0	7813.8	338.0	-53.6	99.9	298.6	47.1	41.3	-22.5	299.4	999.9	99.9	999.9	30.7	103.
23.9	77.0	7948.1	331.0	-54.3	99.9	298.6	47.6	41.8	-22.8	300.3	999.9	99.9	999.9	31.9	104.
24.2	78.0	8065.2	325.0	-54.9	99.9	298.8	47.5	41.6	-22.9	301.0	999.9	99.9	999.9	32.8	104.
24.7	79.0	8204.1	318.0	-55.7	99.9	299.4	46.1	40.2	-22.7	301.7	999.9	99.9	999.9	34.1	105.
25.0	80.0	8345.9	311.0	-55.6	99.9	300.0	44.8	38.8	-22.4	303.9	999.9	99.9	999.9	35.1	105.
25.6	81.0	8491.0	304.0	-55.7	99.9	300.5	41.7	35.9	-21.2	305.6	999.9	99.9	999.9	36.4	106.
25.9	82.0	8617.9	298.0	-55.6	99.9	300.3	40.2	34.7	-20.3	307.6	999.9	99.9	999.9	37.2	106.
26.4	83.0	8747.7	292.0	-55.3	99.9	299.8	37.3	32.4	-18.6	309.9	999.9	99.9	999.9	38.3	106.
26.7	84.0	8880.2	286.0	-55.3	99.9	299.7	35.3	30.7	-17.5	311.7	999.9	99.9	999.9	38.9	107.
27.0	85.0	8992.8	281.0	-55.3	99.9	299.7	33.2	28.8	-16.5	313.3	999.9	99.9	999.9	39.6	107.
27.5	86.0	9177.1	273.0	-55.3	99.9	298.8	30.5	26.7	-14.7	315.9	999.9	99.9	999.9	40.5	107.
27.9	87.0	9295.0	268.0	-55.6	99.9	296.0	30.4	27.3	-13.3	317.1	999.9	99.9	999.9	41.1	107.
28.2	88.0	9439.3	262.0	-55.6	99.9	293.8	31.2	28.6	-12.6	319.1	999.9	99.9	999.9	41.6	108.
28.6	89.0	9562.2	257.0	-55.1	99.9	291.3	32.9	30.7	-12.0	321.6	999.9	99.9	999.9	42.4	108.
29.0	90.0	9713.4	251.0	-54.3	99.9	290.0	34.7	32.6	-11.9	325.0	999.9	99.9	999.9	43.2	108.
29.4	91.0	9842.5	246.0	-53.8	99.9	290.1	35.1	32.9	-12.1	327.6	999.9	99.9	999.9	44.1	108.
29.8	92.0	9974.5	241.0	-53.5	99.9	290.8	33.6	31.4	-11.9	330.0	999.9	99.9	999.9	45.0	108.
30.1	93.0	10109.5	236.0	-53.3	99.9	291.5	31.8	29.6	-11.7	332.2	999.9	99.9	999.9	45.7	108.
30.5	94.0	10247.6	231.0	-52.4	99.9	292.6	29.1	26.9	-11.2	335.7	999.9	99.9	999.9	46.3	108.
31.0	95.0	10389.4	226.0	-51.6	99.9	293.3	28.5	26.2	-11.3	339.0	999.9	99.9	999.9	47.0	108.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645  
GREEN BAY, WIS

7 FEBRUARY 1975  
1115 GMT

143 38. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
31.5	96.0	10564.3	220.0	-50.9	99.9	292.8	30.1	27.8	-11.7	342.8	999.9	99.9	999.9	48.0	108.
32.0	97.0	10714.0	215.0	-50.9	99.9	291.9	31.1	28.9	-11.6	345.0	999.9	99.9	999.9	48.9	108.
32.4	98.0	10867.4	210.0	-50.2	99.9	291.1	30.4	28.4	-10.9	348.3	999.9	99.9	999.9	49.7	108.
32.9	99.0	10992.9	206.0	-50.4	99.9	290.0	28.7	26.9	-9.8	350.0	999.9	99.9	999.9	50.6	108.
33.3	100.0	11153.1	201.0	-50.9	99.9	289.5	27.9	26.3	-9.3	351.8	999.9	99.9	999.9	51.2	108.
33.9	101.0	11317.1	196.0	-50.9	99.9	289.7	29.0	27.3	-9.8	354.3	999.9	99.9	999.9	52.1	108.
34.3	102.0	11485.1	191.0	-51.6	99.9	289.9	30.0	28.2	-10.2	355.7	999.9	99.9	999.9	52.9	108.
34.7	103.0	11622.4	187.0	-51.6	99.9	289.8	30.2	28.4	-10.3	357.9	999.9	99.9	999.9	53.7	108.
35.2	104.0	11762.6	183.0	-51.9	99.9	289.8	29.8	28.2	-9.6	359.6	999.9	99.9	999.9	54.6	108.
35.7	105.0	11905.8	179.0	-52.1	99.9	286.6	29.5	28.3	-8.4	361.6	999.9	99.9	999.9	55.4	108.
36.0	106.0	12089.2	174.0	-52.1	99.9	284.9	29.4	28.4	-7.6	364.5	999.9	99.9	999.9	56.1	108.
36.4	107.0	12239.7	170.0	-52.4	99.9	282.1	28.1	27.5	-5.9	366.5	999.9	99.9	999.9	56.7	108.
36.9	108.0	12393.6	166.0	-52.7	99.9	278.1	26.5	26.3	-3.8	369.4	999.9	99.9	999.9	57.5	108.
37.3	109.0	12551.0	162.0	-53.0	99.9	276.0	26.4	26.2	-2.7	370.5	999.9	99.9	999.9	58.1	108.
37.9	110.0	12712.6	158.0	-51.8	99.9	275.9	28.5	28.4	-2.9	375.3	999.9	99.9	999.9	58.9	108.
38.6	111.0	12921.2	153.0	-51.6	99.9	278.4	32.1	31.7	-4.7	379.0	999.9	99.9	999.9	60.2	108.
39.0	112.0	13093.2	149.0	-51.5	99.9	279.4	32.6	32.1	-5.3	382.1	999.9	99.9	999.9	61.2	107.
39.6	113.0	13225.0	146.0	-52.4	99.9	279.5	31.7	31.2	-5.2	382.8	999.9	99.9	999.9	62.2	107.
40.1	114.0	13404.7	142.0	-52.2	99.9	279.1	31.6	31.2	-5.0	386.1	999.9	99.9	999.9	63.2	107.
40.7	115.0	13542.9	139.0	-52.1	99.9	280.5	32.0	31.5	-5.8	388.7	999.9	99.9	999.9	64.3	107.
41.4	116.0	13780.1	134.0	-52.1	99.9	283.8	30.9	30.0	-7.4	392.8	999.9	99.9	999.9	65.7	107.
42.0	117.0	13926.7	131.0	-52.2	99.9	284.6	28.8	27.9	-7.3	395.1	999.9	99.9	999.9	66.7	107.
42.6	118.0	14126.9	127.0	-53.2	99.9	283.4	28.0	27.3	-6.5	396.9	999.9	99.9	999.9	67.7	107.
43.0	119.0	14280.8	124.0	-53.6	99.9	282.9	28.6	27.8	-6.4	398.8	999.9	99.9	999.9	68.4	107.
43.5	120.0	14438.2	121.0	-53.8	99.9	283.0	31.0	30.2	-7.0	401.3	999.9	99.9	999.9	69.1	107.
44.0	121.0	14653.9	117.0	-54.4	99.9	283.4	33.9	33.0	-7.8	404.0	999.9	99.9	999.9	70.2	107.
44.5	122.0	14819.9	114.0	-55.4	99.9	283.8	33.2	32.2	-7.9	405.2	999.9	99.9	999.9	71.3	107.
44.9	123.0	14989.6	111.0	-56.4	99.9	284.2	28.5	27.7	-7.0	406.5	999.9	99.9	999.9	72.3	107.
45.5	124.0	15163.5	108.0	-56.4	99.9	284.6	22.2	21.5	-5.6	409.7	999.9	99.9	999.9	72.9	107.
46.0	125.0	15342.6	105.0	-55.9	99.9	283.7	22.4	21.8	-5.3	413.9	999.9	99.9	999.9	73.4	107.
46.7	126.0	15589.6	101.0	-56.2	99.9	281.7	22.9	22.4	-5.6	417.9	999.9	99.9	999.9	74.6	107.
47.2	127.0	15780.7	98.0	-57.2	99.9	279.5	19.3	19.1	-3.2	419.6	999.9	99.9	999.9	75.3	106.
47.8	128.0	15977.2	95.0	-57.6	99.9	274.8	15.3	15.2	-1.3	422.7	999.9	99.9	999.9	75.8	106.
48.4	129.0	16111.1	93.0	-58.9	99.9	272.5	17.9	17.8	-0.8	422.5	999.9	99.9	999.9	76.2	106.
48.9	130.0	16316.8	90.0	-59.1	99.9	273.9	24.8	24.8	-1.7	426.2	999.9	99.9	999.9	76.7	106.
49.8	131.0	16600.7	86.0	-60.7	99.9	274.0	27.4	27.3	-1.9	428.5	999.9	99.9	999.9	78.6	106.
50.3	132.0	16821.7	83.0	-60.7	99.9	273.1	21.2	21.2	-1.2	432.9	999.9	99.9	999.9	79.4	106.
51.0	133.0	16973.8	81.0	-59.8	99.9	277.4	16.4	16.2	-2.1	437.8	999.9	99.9	999.9	79.7	106.
51.8	134.0	17209.8	78.0	-59.5	99.9	284.5	21.0	20.4	-5.3	443.3	999.9	99.9	999.9	80.8	106.
52.5	135.0	17372.3	76.0	-59.6	99.9	285.7	26.6	25.6	-7.2	446.2	999.9	99.9	999.9	81.5	106.
53.2	136.0	17710.7	72.0	-59.3	99.9	284.8	29.0	28.1	-7.4	453.9	999.9	99.9	999.9	83.0	106.
54.0	137.0	17977.3	69.0	-59.3	99.9	280.1	26.2	25.8	-4.6	459.4	999.9	99.9	999.9	84.3	106.
54.8	138.0	18255.6	66.0	-59.6	99.9	272.0	23.0	23.0	-0.8	464.6	999.9	99.9	999.9	85.5	106.
55.7	139.0	18447.8	64.0	-60.0	99.9	272.7	25.9	25.9	-1.2	467.9	999.9	99.9	999.9	86.6	105.
56.9	140.0	18851.0	60.0	-59.8	99.9	278.9	27.6	27.3	-4.3	477.0	999.9	99.9	999.9	89.0	105.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 645  
GREEN BAY, WIS

7 FEBRUARY 1975  
1115 GMT

143 38. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.9	141.0	19063.1	58.0	-59.3	99.9	273.1	23.8	23.7	-1.3	482.8	999.9	99.9	999.9	90.1	105.
58.8	142.0	19395.2	55.0	-60.0	99.9	270.5	26.4	26.4	-0.2	488.6	999.9	99.9	999.9	91.6	105.
59.9	143.0	19743.8	52.0	-62.0	99.9	272.7	26.7	26.7	-1.3	491.9	999.9	99.9	999.9	93.2	105.
60.9	144.0	20111.2	49.0	-62.2	99.9	277.3	25.6	25.4	-3.2	499.9	999.9	99.9	999.9	94.9	104.
62.2	145.0	20502.2	46.0	-61.6	99.9	280.0	21.6	21.3	-3.8	510.3	999.9	99.9	999.9	96.7	104.
63.6	146.0	20919.9	43.0	-61.8	99.9	281.3	8.2	8.1	-1.6	519.8	999.9	99.9	999.9	98.1	104.
64.9	147.0	21213.5	41.0	-63.5	99.9	999.9	99.9	99.9	99.9	522.8	999.9	99.9	999.9	999.9	999.
66.3	148.0	21680.6	38.0	-63.1	99.9	999.9	99.9	99.9	99.9	535.2	999.9	99.9	999.9	999.9	999.

STATION NO. 654

HURON, S D

5 FEBRUARY 1975

2315 GMT

144 26. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	392.0	579.0	-15.6	-21.2	320.0	10.3	6.6	-7.9	259.2	261.1	0.7	62.0	0.0	0.
0.3	8.0	539.4	960.0	-17.4	-20.2	126.8	5.1	-4.1	3.0	258.9	260.9	0.8	78.2	1.0	143.
0.6	9.0	625.7	949.0	-17.9	-20.2	119.7	3.7	-3.2	1.8	259.2	261.3	0.8	82.0	1.0	143.
0.9	10.0	728.7	936.0	-18.9	-21.3	16.6	1.9	-0.6	-1.8	259.2	261.2	0.8	82.9	0.9	145.
1.3	11.0	824.7	924.0	-19.7	-21.5	336.1	9.2	3.7	-8.4	259.4	261.3	0.7	84.8	1.1	147.
1.7	12.0	913.5	913.0	-20.6	-22.1	333.3	14.6	6.6	-13.1	259.3	261.1	0.7	87.7	1.4	148.
1.9	13.0	1003.1	902.0	-21.2	-22.2	333.3	15.9	7.1	-14.2	259.6	261.5	0.7	90.9	1.6	149.
2.1	14.0	1093.8	891.0	-20.2	-21.0	333.5	16.0	7.1	-14.3	261.5	263.6	0.8	93.4	1.8	149.
2.3	15.0	1211.5	877.0	-19.0	-20.0	333.8	14.9	6.6	-13.4	264.0	266.3	0.9	92.0	2.0	150.
2.7	16.0	1297.0	857.0	-18.7	-19.3	333.9	13.5	5.9	-12.1	265.1	267.6	0.9	91.2	2.3	150.
3.0	17.0	1392.1	856.0	-19.1	-20.3	333.4	13.0	5.8	-11.6	265.7	268.0	0.9	90.6	2.5	151.
3.3	18.0	1488.6	845.0	-17.8	-18.2	332.1	13.3	6.2	-11.7	268.1	271.0	1.1	96.8	2.8	151.
3.5	19.0	1587.1	834.0	-15.6	-15.8	331.2	13.4	6.5	-11.8	271.4	275.0	1.3	98.3	3.0	151.
3.8	20.0	1696.7	822.0	-15.0	-15.2	331.3	11.0	5.3	-9.7	273.2	277.0	1.4	98.4	3.2	151.
4.2	21.0	1808.4	810.0	-13.2	-13.3	331.6	8.7	4.1	-7.6	276.3	280.8	1.7	99.7	3.4	151.
4.5	22.0	1903.1	800.0	-12.8	-12.9	331.7	7.6	3.6	-6.7	277.7	282.5	1.8	99.5	3.5	151.
4.7	23.0	1999.2	790.0	-12.8	-13.0	328.0	8.0	4.2	-6.8	278.7	283.6	1.8	98.7	3.6	151.
5.0	24.0	2086.6	781.0	-12.9	-13.5	323.2	8.7	5.2	-7.0	279.5	284.2	1.7	95.4	3.9	151.
5.3	25.0	2214.6	768.0	-13.4	-14.7	317.5	8.8	5.9	-6.5	280.3	284.7	1.6	89.3	4.0	150.
5.7	26.0	2314.3	758.0	-13.8	-15.3	315.2	8.3	5.9	-5.9	280.9	285.2	1.5	88.0	4.2	150.
5.9	27.0	2425.4	747.0	-14.2	-15.8	316.8	7.8	5.4	-5.7	281.6	285.8	1.5	87.9	4.3	149.
6.3	28.0	2527.6	737.0	-14.3	-15.9	321.0	7.0	4.4	-5.4	282.6	286.8	1.5	88.0	4.4	149.
6.5	29.0	2631.2	727.0	-15.0	-16.1	323.6	6.6	3.9	-5.3	282.9	287.1	1.5	91.2	4.5	149.
6.8	30.0	2725.3	718.0	-15.5	-16.3	330.2	6.4	3.2	-5.6	283.5	287.7	1.5	93.3	4.6	148.
7.1	31.0	2831.4	708.0	-14.9	-15.1	336.6	6.4	2.6	-5.9	285.2	289.9	1.7	98.4	4.7	148.
7.4	32.0	2939.2	698.0	-14.8	-15.0	341.8	6.6	2.1	-6.3	286.6	291.4	1.7	97.7	4.8	149.
7.7	33.0	3037.5	689.0	-14.8	-15.0	344.4	6.8	1.8	-6.5	287.6	292.5	1.7	97.7	4.9	149.
8.0	34.0	3148.2	679.0	-14.9	-15.4	345.9	6.9	1.7	-6.7	288.7	293.5	1.7	96.1	5.1	150.
8.3	35.0	3271.7	668.0	-15.6	-16.2	345.1	6.7	1.7	-6.4	289.2	293.9	1.6	95.4	5.2	150.
8.7	36.0	3385.5	658.0	-16.3	-16.9	343.3	6.3	1.8	-6.1	289.7	294.1	1.5	95.1	5.4	151.
9.0	37.0	3489.1	649.0	-16.7	-17.4	341.3	6.1	1.9	-5.7	290.4	294.7	1.5	93.9	5.5	151.
9.3	38.0	3582.2	641.0	-17.5	-18.0	339.6	6.1	2.2	-5.7	290.5	294.4	1.4	90.8	5.5	151.
9.7	39.0	3699.9	631.0	-18.2	-19.0	335.2	6.4	2.7	-5.8	291.0	294.8	1.3	91.1	5.7	151.
10.0	40.0	3831.1	620.0	-19.1	-20.0	332.9	6.7	3.1	-6.0	291.3	295.0	1.3	92.7	5.8	151.
10.3	41.0	3939.7	611.0	-20.1	-20.6	329.8	7.0	3.5	-6.0	291.5	295.0	1.2	95.8	6.0	151.
10.6	42.0	4049.6	602.0	-21.0	-21.4	326.1	7.2	4.0	-6.0	291.6	295.0	1.1	96.8	6.1	151.
11.0	43.0	4148.4	594.0	-21.7	-22.2	320.0	7.5	4.8	-5.8	291.9	295.2	1.1	96.0	6.2	151.
11.3	44.0	4260.7	585.0	-22.6	-23.0	315.1	7.9	5.6	-5.6	292.1	295.2	1.0	96.8	6.4	151.
11.5	45.0	4361.7	577.0	-22.9	-23.5	312.2	8.2	6.1	-5.5	293.0	295.9	1.0	94.9	6.5	151.
11.8	46.0	4476.8	568.0	-23.7	-24.5	309.1	8.7	6.7	-5.5	293.3	296.1	0.9	92.7	6.6	150.
12.2	47.0	4593.4	559.0	-24.5	-25.1	306.6	9.4	7.6	-5.6	293.7	296.3	0.9	91.9	6.8	149.
12.5	48.0	4658.3	551.0	-25.1	-26.2	305.6	10.0	8.1	-5.8	294.2	296.6	0.8	91.1	7.0	149.
12.8	49.0	4804.5	543.0	-25.8	-26.8	305.1	10.1	8.3	-5.8	294.6	297.0	0.8	91.3	7.1	148.
13.1	50.0	4938.9	533.0	-26.7	-28.6	304.1	10.2	8.4	-5.7	295.0	297.1	0.7	83.9	7.3	148.
13.4	51.0	5061.6	524.0	-27.8	-29.9	302.2	10.0	8.5	-5.3	295.2	297.1	0.6	82.3	7.5	147.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

5 FEBRUARY 1975  
2315 GMT

144 26. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
13.8	52.0	5172.0	516.0	-28.7	-30.8	298.1	9.9	8.7	-4.6	295.4	297.1	0.6	81.8	7.7	146.
14.2	53.0	5283.8	508.0	-29.5	-31.5	293.4	9.9	9.1	-3.9	295.7	297.4	0.5	81.9	7.9	145.
14.4	54.0	5396.9	500.0	-30.3	-32.4	291.0	10.0	9.4	-3.6	296.1	297.7	0.5	81.5	8.0	145.
14.8	55.0	5525.9	491.0	-31.2	-33.5	286.9	10.1	9.7	-2.9	296.5	297.9	0.4	76.7	8.2	144.
15.2	56.0	5656.8	482.0	-32.1	-35.3	283.4	10.2	9.9	-2.3	297.0	298.2	0.4	73.2	8.4	143.
15.4	57.0	5759.9	475.0	-32.9	-36.0	281.8	10.1	9.9	-2.1	297.2	298.4	0.4	73.7	8.5	142.
15.8	58.0	5864.2	468.0	-33.9	-36.5	280.0	10.3	10.2	-1.8	297.3	298.5	0.4	76.3	8.7	141.
16.2	59.0	5984.9	460.0	-34.8	-37.9	280.0	10.9	10.7	-1.9	297.6	298.6	0.3	72.6	8.8	140.
16.4	60.0	6107.1	452.0	-35.8	-38.4	280.6	11.3	11.1	-2.1	297.8	298.8	0.3	77.4	9.0	140.
16.7	61.0	6215.4	445.0	-36.9	-38.8	282.6	12.4	12.1	-2.7	297.8	298.7	0.3	82.3	9.1	139.
17.1	62.0	6324.9	438.0	-37.9	-40.5	285.0	13.9	13.5	-3.6	297.9	298.7	0.2	75.0	9.3	138.
17.6	63.0	6451.6	430.0	-39.1	-43.0	284.9	14.5	14.0	-3.7	297.9	298.6	0.2	65.6	9.8	136.
17.8	64.0	6564.0	423.0	-39.9	-44.0	282.7	13.8	13.4	-3.0	298.3	298.9	0.2	64.4	10.0	136.
18.2	65.0	6710.5	414.0	-41.1	99.9	276.2	12.0	11.9	-1.3	298.6	999.9	99.9	999.9	10.3	135.
18.6	66.0	6826.2	407.0	-42.1	99.9	267.7	10.5	10.5	0.4	298.8	999.9	99.9	999.9	10.4	134.
19.0	67.0	6943.4	400.0	-43.1	99.9	264.0	10.5	10.4	1.1	299.0	999.9	99.9	999.9	10.5	133.
19.4	68.0	7062.1	393.0	-44.2	99.9	267.1	11.7	11.7	0.6	299.1	999.9	99.9	999.9	10.7	132.
19.7	69.0	7182.3	386.0	-45.2	99.9	268.3	12.4	12.4	0.4	299.3	999.9	99.9	999.9	10.8	131.
20.0	70.0	7321.9	378.0	-46.0	99.9	269.0	12.9	12.9	0.2	300.0	999.9	99.9	999.9	11.1	130.
20.4	71.0	7446.0	371.0	-47.2	99.9	266.6	12.9	12.9	0.8	300.1	999.9	99.9	999.9	11.3	129.
20.9	72.0	7553.6	365.0	-48.5	99.9	262.6	13.0	12.9	1.7	299.7	999.9	99.9	999.9	11.6	128.
21.3	73.0	7680.7	358.0	-49.5	99.9	259.5	13.4	13.2	2.4	300.0	999.9	99.9	999.9	11.8	127.
21.6	74.0	7791.2	352.0	-50.4	99.9	257.5	13.8	13.4	3.0	300.3	999.9	99.9	999.9	11.9	126.
22.0	75.0	7921.9	345.0	-51.6	99.9	254.9	14.3	13.8	3.7	300.3	999.9	99.9	999.9	12.2	125.
22.3	76.0	8035.5	339.0	-52.6	99.9	253.2	14.6	13.9	4.2	300.6	999.9	99.9	999.9	12.3	124.
22.6	77.0	8150.6	333.0	-53.5	99.9	251.9	14.7	14.0	4.6	300.8	999.9	99.9	999.9	12.5	123.
23.0	78.0	8267.3	327.0	-54.5	99.9	251.0	14.9	14.0	4.8	301.1	999.9	99.9	999.9	12.7	121.
23.4	79.0	8385.6	321.0	-55.7	99.9	251.6	15.2	14.4	4.8	300.9	999.9	99.9	999.9	12.9	120.
23.8	80.0	8546.0	313.0	-56.7	99.9	252.5	15.7	14.9	4.7	301.7	999.9	99.9	999.9	13.2	119.
24.2	81.0	8668.3	307.0	-57.9	99.9	253.8	16.1	15.5	4.5	301.7	999.9	99.9	999.9	13.5	118.
24.5	82.0	8792.5	301.0	-58.9	99.9	255.1	16.4	15.9	4.2	302.0	999.9	99.9	999.9	13.7	117.
24.8	83.0	8897.3	296.0	-60.0	99.9	257.6	16.5	16.1	3.5	302.0	999.9	99.9	999.9	13.9	116.
25.3	84.0	9025.2	290.0	-60.0	99.9	261.4	16.2	16.0	2.4	303.7	999.9	99.9	999.9	14.3	115.
25.6	85.0	9177.9	283.0	-59.6	99.9	262.6	15.9	15.7	2.0	306.4	999.9	99.9	999.9	14.6	114.
26.1	86.0	9311.8	277.0	-60.0	99.9	261.8	14.8	14.6	2.1	307.7	999.9	99.9	999.9	15.0	113.
26.3	87.0	9425.5	272.0	-60.2	99.9	261.1	14.3	14.2	2.2	309.1	999.9	99.9	999.9	15.1	113.
26.7	88.0	9564.6	266.0	-60.2	99.9	261.0	13.7	13.5	2.2	311.1	999.9	99.9	999.9	15.4	112.
27.1	89.0	9683.0	261.0	-60.2	99.9	263.1	13.5	13.4	1.6	312.8	999.9	99.9	999.9	15.6	112.
27.5	90.0	9828.1	255.0	-60.2	99.9	267.1	13.5	13.5	0.7	314.9	999.9	99.9	999.9	16.0	111.
27.9	91.0	9927.2	251.0	-58.2	99.9	271.4	13.5	13.5	-0.3	319.1	999.9	99.9	999.9	16.2	111.
28.3	92.0	10079.6	245.0	-57.9	99.9	275.9	13.3	13.2	-1.4	321.8	999.9	99.9	999.9	16.6	110.
28.6	93.0	10209.8	240.0	-57.2	99.9	279.3	13.0	12.9	-2.1	324.8	999.9	99.9	999.9	16.8	110.
29.0	94.0	10343.3	235.0	-56.4	99.9	284.2	12.7	12.3	-3.1	328.0	999.9	99.9	999.9	17.1	110.
29.4	95.0	10507.5	229.0	-56.2	99.9	287.7	12.3	11.8	-3.7	330.7	999.9	99.9	999.9	17.4	110.
29.9	96.0	10647.6	224.0	-56.9	99.9	289.2	12.0	11.4	-4.0	331.7	999.9	99.9	999.9	17.8	110.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

5 FEBRUARY 1975  
2315 GMT

144 26. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
30.3	97.0	10790.5	219.0	-57.1	99.9	288.2	12.0	11.4	-3.8	333.6	999.9	99.9	999.9	18.0	110.
30.7	98.0	10937.1	214.0	-55.7	99.9	286.7	12.3	11.8	-3.5	337.9	999.9	99.9	999.9	18.3	110.
31.2	99.0	11057.7	210.0	-54.1	99.9	285.6	12.8	12.3	-3.4	342.2	999.9	99.9	999.9	18.7	110.
31.7	100.0	11244.0	204.0	-53.3	99.9	286.9	12.8	12.3	-3.7	346.3	999.9	99.9	999.9	19.1	110.
32.1	101.0	11403.7	199.0	-53.7	99.9	289.2	12.2	11.5	-4.0	348.3	999.9	99.9	999.9	19.4	110.
32.4	102.0	11533.8	195.0	-54.9	99.9	291.2	11.4	10.6	-4.1	348.3	999.9	99.9	999.9	19.7	110.
32.9	103.0	11666.1	191.0	-55.7	99.9	292.5	10.4	9.7	-4.0	349.1	999.9	99.9	999.9	19.9	110.
33.4	104.0	11835.3	186.0	-55.1	99.9	291.4	10.0	9.3	-3.6	352.8	999.9	99.9	999.9	20.3	110.
33.8	105.0	11974.5	182.0	-54.0	99.9	290.3	9.7	9.1	-3.4	356.8	999.9	99.9	999.9	20.5	110.
34.4	106.0	12117.3	178.0	-53.5	99.9	283.2	9.9	9.4	-3.1	359.9	999.9	99.9	999.9	20.8	110.
34.8	107.0	12263.6	174.0	-53.3	99.9	286.3	10.7	10.3	-3.0	362.5	999.9	99.9	999.9	21.0	110.
35.4	108.0	12451.7	169.0	-52.4	99.9	284.8	11.9	11.5	-3.1	367.1	999.9	99.9	999.9	21.5	110.
35.8	109.0	12606.6	165.0	-52.3	99.9	285.7	12.0	11.5	-3.2	369.8	999.9	99.9	999.9	21.8	110.
36.4	110.0	12805.6	160.0	-52.6	99.9	286.2	11.4	11.0	-3.2	372.6	999.9	99.9	999.9	22.2	110.
37.0	111.0	12968.9	156.0	-53.2	99.9	281.7	11.8	11.6	-2.4	374.2	999.9	99.9	999.9	22.6	110.
37.5	112.0	13094.0	153.0	-53.3	99.9	279.5	13.2	13.1	-2.2	376.0	999.9	99.9	999.9	22.9	109.
38.0	113.0	13264.6	149.0	-53.3	99.9	282.0	14.4	14.1	-3.0	378.9	999.9	99.9	999.9	23.4	109.
38.5	114.0	13439.7	145.0	-53.7	99.9	281.8	14.8	14.5	-3.0	381.3	999.9	99.9	999.9	23.8	109.
39.0	115.0	13665.0	140.0	-54.1	99.9	274.4	14.8	14.8	-1.1	384.3	999.9	99.9	999.9	24.3	109.
39.6	116.0	13804.1	137.0	-53.8	99.9	271.7	14.3	14.3	-0.4	387.3	999.9	99.9	999.9	24.8	108.
40.2	117.0	13994.5	133.0	-53.7	99.9	283.4	13.3	13.0	-3.1	390.9	999.9	99.9	999.9	25.3	108.
40.7	118.0	14141.2	130.0	-53.8	99.9	291.9	12.8	11.9	-3.8	393.1	999.9	99.9	999.9	25.6	108.
41.3	119.0	14341.9	126.0	-54.0	99.9	290.2	12.0	11.3	-4.1	396.4	999.9	99.9	999.9	26.1	108.
41.8	120.0	14496.7	123.0	-53.7	99.9	285.0	11.6	11.2	-3.0	399.7	999.9	99.9	999.9	26.4	108.
42.4	121.0	14655.5	120.0	-53.5	99.9	280.5	11.8	11.6	-2.2	402.8	999.9	99.9	999.9	26.8	108.
43.0	122.0	14873.4	116.0	-54.0	99.9	277.1	12.4	12.3	-1.5	405.9	999.9	99.9	999.9	27.3	108.
43.5	123.0	15041.4	113.0	-54.5	99.9	274.9	12.9	12.9	-1.1	408.0	999.9	99.9	999.9	27.7	108.
44.1	124.0	15213.8	110.0	-54.5	99.9	274.0	13.9	13.8	-1.0	411.2	999.9	99.9	999.9	28.1	108.
44.7	125.0	15451.5	106.0	-53.7	99.9	273.3	14.7	14.6	-0.8	417.1	999.9	99.9	999.9	28.5	108.
45.4	126.0	15635.8	103.0	-54.3	99.9	271.7	15.7	15.7	-0.5	419.3	999.9	99.9	999.9	29.2	107.
45.9	127.0	15825.4	100.0	-54.1	99.9	270.6	16.5	16.5	-0.2	423.1	999.9	99.9	999.9	29.7	107.
46.5	128.0	16087.3	96.0	-54.1	99.9	268.6	16.5	16.5	0.4	428.1	999.9	99.9	999.9	30.3	107.
47.2	129.0	16290.6	93.0	-54.9	99.9	267.1	15.6	15.6	0.8	430.4	999.9	99.9	999.9	30.9	106.
47.8	130.0	16500.3	90.0	-54.6	99.9	263.8	15.0	15.0	0.3	435.1	999.9	99.9	999.9	31.4	106.
48.6	131.0	16716.8	87.0	-55.7	99.9	274.8	14.7	14.7	-1.2	437.1	999.9	99.9	999.9	32.1	106.
49.3	132.0	16940.1	84.0	-55.9	99.9	279.6	15.5	15.2	-2.6	441.2	999.9	99.9	999.9	32.7	105.
50.0	133.0	17171.6	81.0	-55.9	99.9	281.0	16.6	16.3	-3.4	445.8	999.9	99.9	999.9	33.4	105.
50.6	134.0	17411.3	78.0	-56.7	99.9	282.0	17.4	17.0	-3.6	448.9	999.9	99.9	999.9	34.0	105.
51.3	135.0	17659.9	75.0	-56.7	99.9	282.3	17.5	17.1	-3.7	454.0	999.9	99.9	999.9	34.8	105.
52.1	136.0	18006.8	71.0	-57.4	99.9	283.5	15.8	15.4	-3.7	459.7	999.9	99.9	999.9	35.6	105.
53.0	137.0	18279.3	68.0	-57.9	99.9	285.1	14.5	14.0	-3.8	464.4	999.9	99.9	999.9	36.3	105.
54.0	138.0	18563.6	65.0	-58.2	99.9	287.4	18.8	18.0	-5.6	469.6	999.9	99.9	999.9	37.2	105.
54.9	139.0	18963.2	61.0	-58.4	99.9	297.0	19.6	17.4	-8.9	477.9	999.9	99.9	999.9	38.5	105.
56.0	140.0	19280.5	58.0	-58.2	99.9	309.6	16.2	12.5	-10.3	485.2	999.9	99.9	999.9	39.6	106.
57.1	141.0	19613.9	55.0	-59.5	99.9	299.9	14.3	12.4	-7.1	489.9	999.9	99.9	999.9	40.5	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

5 FEBRUARY 1975  
2315 GMT

144 26. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
58.2	142.0	19965.0	52.0	-59.5	99.9	296.1	14.4	12.9	-5.3	497.8	999.9	99.9	999.9	41.4	107.
59.4	143.0	20335.8	49.0	-60.9	99.9	303.6	16.4	13.6	-9.0	503.0	999.9	99.9	999.9	42.4	107.
60.7	144.0	20864.1	45.0	-61.8	99.9	299.6	16.2	14.0	-9.0	513.2	999.9	99.9	999.9	43.7	107.
62.1	145.0	21290.6	42.0	-62.5	99.9	307.8	15.5	12.2	-9.5	521.6	999.9	99.9	999.9	45.0	108.
63.5	146.0	21747.2	39.0	-63.1	99.9	307.4	15.7	12.5	-9.5	531.3	999.9	99.9	999.9	46.2	108.
65.1	147.0	22238.9	36.0	-63.8	99.9	296.7	15.0	13.4	-6.7	541.7	999.9	99.9	999.9	47.6	109.
66.8	148.0	22772.9	33.0	-63.4	99.9	296.9	18.5	16.5	-3.4	556.3	999.9	99.9	999.9	49.2	109.
68.7	149.0	23565.5	29.0	-64.0	99.9	306.7	19.4	15.5	-11.6	575.7	999.9	99.9	999.9	51.5	110.
70.7	150.0	24233.5	26.0	-64.6	99.9	999.9	99.9	99.9	99.9	592.3	999.9	99.9	999.9	999.9	999.

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
515 GMT

142 40. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	392.0	979.0	-18.5	-24.5	300.0	7.7	6.7	-3.8	256.3	257.7	0.5	59.0	0.0	0.
0.2	8.0	430.2	974.0	-18.5	-22.7	312.6	15.5	11.4	-10.5	256.7	258.3	0.6	69.2	0.3	125.
0.5	9.0	514.9	963.0	-19.0	-23.2	312.6	15.5	11.4	-10.5	256.9	258.5	0.6	69.7	0.3	125.
0.8	10.0	608.2	951.0	-19.2	-23.0	317.0	16.1	11.0	-11.8	257.7	259.4	0.6	71.7	0.5	129.
1.2	11.0	726.3	936.0	-20.0	-23.4	326.1	16.3	9.1	-13.6	258.1	259.7	0.6	74.1	0.9	133.
1.5	12.0	814.2	925.0	-19.2	-26.1	335.9	16.4	6.7	-14.9	259.8	261.1	0.5	54.2	1.3	137.
1.8	13.0	903.3	914.0	-18.8	-28.5	342.6	15.4	4.6	-14.7	261.1	262.1	0.4	40.4	1.5	142.
2.1	14.0	993.5	903.0	-18.5	-27.9	347.6	14.7	3.2	-14.4	262.2	263.4	0.4	43.6	1.7	146.
2.4	15.0	1085.0	892.0	-18.2	-26.4	348.0	14.2	3.0	-13.9	263.5	264.8	0.5	48.4	2.0	149.
2.8	16.0	1194.6	879.0	-18.6	-25.8	346.7	14.9	3.4	-14.4	264.1	265.6	0.5	52.8	2.3	151.
3.2	17.0	1288.5	868.0	-18.9	-25.7	344.5	15.4	4.1	-14.9	264.8	266.3	0.5	55.0	2.7	153.
3.5	18.0	1383.4	857.0	-19.0	-26.5	342.7	15.8	4.7	-15.0	265.6	267.0	0.5	51.7	3.0	154.
3.9	19.0	1479.5	846.0	-19.4	-27.9	342.9	16.1	4.8	-15.4	266.2	267.4	0.5	46.8	3.3	155.
4.2	20.0	1568.0	836.0	-19.0	-28.3	343.6	16.0	4.5	-15.3	267.5	268.8	0.4	43.5	3.6	156.
4.7	21.0	1694.0	822.0	-17.8	-28.1	343.9	14.6	4.0	-14.0	270.1	271.4	0.5	39.9	4.1	157.
5.0	22.0	1785.6	812.0	-17.7	-26.5	342.5	13.0	3.9	-12.4	271.2	272.7	0.5	45.6	4.3	157.
5.4	23.0	1878.4	802.0	-17.4	-25.8	337.4	13.4	5.2	-12.4	272.5	274.1	0.6	47.5	4.6	157.
5.7	24.0	1981.9	791.0	-17.4	-26.7	333.7	14.9	6.6	-13.3	273.5	275.1	0.5	44.2	4.9	157.
6.0	25.0	2077.5	781.0	-15.9	-27.9	330.7	16.9	8.2	-14.7	276.1	277.6	0.5	34.5	5.1	157.
6.3	26.0	2204.1	768.0	-15.5	-30.4	325.3	15.4	8.8	-12.7	277.9	279.1	0.4	26.3	5.5	157.
6.6	27.0	2303.1	758.0	-15.2	-31.9	319.6	14.3	9.3	-10.9	279.2	280.3	0.3	22.3	5.8	156.
7.0	28.0	2413.6	747.0	-15.1	-34.1	313.1	13.6	9.9	-9.3	280.6	281.4	0.3	17.8	6.0	155.
7.3	29.0	2505.3	738.0	-14.8	-27.4	310.4	13.5	10.3	-3.7	281.9	283.5	0.5	33.1	6.2	154.
7.6	30.0	2608.5	728.0	-15.2	-25.8	308.4	13.4	10.5	-3.3	282.5	284.4	0.6	39.6	6.5	153.
8.0	31.0	2713.1	718.0	-14.9	-25.1	307.7	13.5	10.7	-8.2	283.9	286.0	0.7	41.5	6.7	152.
8.4	32.0	2819.2	708.0	-15.4	-26.3	307.5	13.6	10.8	-8.3	284.6	286.5	0.6	38.4	7.0	151.
8.8	33.0	2915.8	699.0	-15.5	-22.7	306.7	13.7	11.0	-8.2	285.5	288.1	0.9	53.9	7.4	150.
9.1	34.0	3024.5	689.0	-15.8	-22.3	305.7	13.6	11.1	-8.0	286.4	289.0	0.9	54.0	7.6	149.
9.5	35.0	3123.6	680.0	-16.2	-22.7	303.9	13.4	11.2	-7.5	287.0	289.7	0.9	57.1	7.9	148.
10.0	36.0	3257.5	668.0	-17.0	-23.2	300.5	13.1	11.3	-5.6	287.6	290.2	0.9	58.4	8.2	147.
10.4	37.0	3359.2	659.0	-17.8	-22.2	297.3	12.9	11.4	-5.9	287.8	290.6	1.0	68.3	8.5	146.
10.7	38.0	3473.4	649.0	-18.6	-22.5	295.5	13.0	11.7	-5.6	288.1	290.9	1.0	71.1	8.7	145.
11.1	39.0	3577.5	640.0	-19.2	-21.1	294.2	13.4	12.2	-5.5	288.7	291.9	1.1	84.6	9.0	144.
11.4	40.0	3682.7	631.0	-20.1	-21.8	294.3	14.0	12.8	-5.8	288.7	291.8	1.1	86.2	9.2	143.
11.9	41.0	3812.9	620.0	-20.8	-22.2	295.1	14.7	13.3	-6.2	289.4	292.5	1.0	88.8	9.6	142.
12.1	42.0	3920.9	611.0	-21.6	-22.5	295.4	14.7	13.3	-5.3	289.7	292.7	1.0	91.6	9.7	141.
12.5	43.0	4030.1	602.0	-22.5	-23.4	295.5	14.5	13.1	-5.2	289.8	292.7	1.0	92.2	10.1	141.
12.9	44.0	4140.6	593.0	-23.2	-24.0	294.6	14.1	12.9	-5.9	290.3	293.1	0.9	93.3	10.4	140.
13.3	45.0	4252.4	584.0	-24.4	-24.9	293.3	14.2	13.0	-5.6	290.2	292.8	0.9	95.8	10.7	139.
13.7	46.0	4352.8	576.0	-25.2	-25.3	292.0	14.6	13.5	-5.5	290.4	292.9	0.8	99.4	11.0	138.
14.1	47.0	4454.3	568.0	-25.6	-25.9	291.1	15.2	14.2	-5.5	291.1	293.5	0.8	97.1	11.3	137.
14.4	48.0	4570.1	559.0	-26.0	-27.7	290.6	15.5	14.6	-5.5	291.9	294.1	0.7	85.6	11.5	137.
14.8	49.0	4687.4	550.0	-26.9	-30.5	290.4	15.6	14.7	-5.4	292.2	293.9	0.5	71.2	11.9	136.
15.1	50.0	4792.9	542.0	-28.0	-32.5	290.4	15.6	14.7	-5.4	292.1	293.6	0.5	65.2	12.2	135.
15.8	51.0	4926.5	532.0	-28.8	-34.2	290.6	16.1	15.1	-5.7	292.7	294.0	0.4	59.2	12.7	134.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
515 GMT

142 40. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.1	52.0	5048.4	523.0	-29.7	-36.0	290.2	16.4	15.4	-5.7	293.0	294.1	0.3	54.1	13.0	134.
16.5	53.0	5158.2	515.0	-30.2	-38.7	289.0	16.5	15.6	-5.4	293.7	294.5	0.3	43.1	13.4	133.
16.9	54.0	5269.5	507.0	-31.0	-40.6	289.0	16.4	15.6	-5.0	294.0	294.7	0.2	38.0	13.7	132.
17.2	55.0	5396.2	498.0	-32.2	-42.3	287.7	16.3	15.5	-5.0	294.1	294.7	0.2	35.5	14.0	132.
17.8	56.0	5524.6	489.0	-33.3	-44.2	288.4	16.4	15.6	-5.2	294.3	294.8	0.2	32.2	14.5	131.
18.1	57.0	5640.4	481.0	-33.9	-44.5	288.8	16.6	15.7	-5.3	294.9	295.4	0.1	33.0	14.8	130.
18.4	58.0	5742.8	474.0	-35.1	-45.4	289.1	16.7	15.8	-5.5	294.6	295.1	0.1	33.0	15.1	130.
18.9	59.0	5861.2	466.0	-36.3	-46.7	289.0	16.8	15.8	-5.5	294.6	295.0	0.1	33.0	15.6	129.
19.2	60.0	5981.0	458.0	-37.6	-47.5	288.8	16.8	15.9	-5.4	294.5	294.9	0.1	34.0	15.9	129.
19.7	61.0	6102.4	450.0	-38.5	-48.3	288.5	17.1	16.2	-5.4	294.8	295.1	0.1	34.5	16.3	128.
20.1	62.0	6209.9	443.0	-39.3	-48.8	288.4	17.5	16.6	-5.5	295.1	295.4	0.1	35.4	16.7	128.
20.4	63.0	6334.5	435.0	-40.4	99.9	288.4	17.8	16.9	-5.6	295.3	999.9	99.9	999.9	17.0	127.
20.9	64.0	6460.7	427.0	-41.7	99.9	288.3	18.0	17.1	-5.6	295.3	999.9	99.9	999.9	17.5	127.
21.3	65.0	6588.7	419.0	-42.4	99.9	289.2	17.8	16.9	-5.5	296.0	999.9	99.9	999.9	17.9	126.
21.9	66.0	6735.2	410.0	-43.3	99.9	288.6	17.3	16.4	-5.5	296.6	999.9	99.9	999.9	18.6	126.
22.4	67.0	6850.8	403.0	-44.6	99.9	289.9	17.6	16.6	-5.0	296.4	999.9	99.9	999.9	19.0	125.
22.8	68.0	6967.8	396.0	-45.6	99.9	291.4	18.5	17.2	-5.7	296.6	999.9	99.9	999.9	19.4	125.
23.1	69.0	7086.4	389.0	-46.8	99.9	292.4	19.1	17.7	-7.3	296.6	999.9	99.9	999.9	19.8	125.
23.5	70.0	7206.5	382.0	-47.7	99.9	293.7	19.7	18.1	-7.9	296.9	999.9	99.9	999.9	20.2	125.
24.1	71.0	7345.9	374.0	-49.0	99.9	293.9	19.5	17.8	-7.9	297.0	999.9	99.9	999.9	20.9	124.
24.6	72.0	7469.6	367.0	-50.4	99.9	293.1	18.7	17.2	-7.4	296.8	999.9	99.9	999.9	21.5	124.
25.1	73.0	7595.0	360.0	-51.3	99.9	292.8	17.5	16.1	-6.8	297.2	999.9	99.9	999.9	22.1	124.
25.4	74.0	7722.4	353.0	-52.1	99.9	293.7	16.5	15.1	-5.6	297.8	999.9	99.9	999.9	22.4	123.
25.9	75.0	7833.3	347.0	-52.2	99.9	297.8	14.3	12.6	-6.6	299.1	999.9	99.9	999.9	22.9	123.
26.4	76.0	7946.1	341.0	-52.8	99.9	304.5	12.5	10.3	-7.1	299.7	999.9	99.9	999.9	23.2	123.
26.9	77.0	8079.7	334.0	-53.5	99.9	310.3	11.9	9.1	-7.7	300.6	999.9	99.9	999.9	23.5	123.
27.3	78.0	8196.2	328.0	-54.0	99.9	314.2	12.1	8.6	-7.4	301.5	999.9	99.9	999.9	23.8	123.
27.8	79.0	8314.5	322.0	-54.9	99.9	320.7	12.4	7.9	-7.6	301.8	999.9	99.9	999.9	24.2	124.
28.1	80.0	8454.9	315.0	-55.2	99.9	325.5	12.7	7.2	-10.5	303.2	999.9	99.9	999.9	24.4	124.
28.6	81.0	8598.0	308.0	-56.2	99.9	333.0	12.9	5.9	-11.5	303.8	999.9	99.9	999.9	24.8	124.
29.1	82.0	8722.8	302.0	-56.9	99.9	338.2	12.1	4.5	-11.2	304.6	999.9	99.9	999.9	25.1	125.
29.5	83.0	8850.0	296.0	-56.7	99.9	341.4	10.7	3.4	-10.1	306.6	999.9	99.9	999.9	25.4	125.
29.9	84.0	8979.7	290.0	-57.1	99.9	340.3	9.8	3.3	-9.2	307.9	999.9	99.9	999.9	25.5	125.
30.4	85.0	9089.5	285.0	-57.9	99.9	332.9	10.4	4.7	-9.3	308.2	999.9	99.9	999.9	25.7	126.
30.9	86.0	9246.2	278.0	-58.3	99.9	326.1	12.4	6.9	-10.3	309.9	999.9	99.9	999.9	26.0	126.
31.3	87.0	9383.7	272.0	-57.8	99.9	325.0	13.3	7.6	-10.9	312.6	999.9	99.9	999.9	26.4	126.
31.7	88.0	9524.2	266.0	-58.4	99.9	326.8	13.3	7.3	-11.1	313.6	999.9	99.9	999.9	26.7	126.
32.2	89.0	9643.5	261.0	-58.4	99.9	330.3	12.5	6.2	-10.9	315.3	999.9	99.9	999.9	27.1	127.
32.7	90.0	9765.2	256.0	-58.4	99.9	330.2	12.3	6.1	-10.7	317.0	999.9	99.9	999.9	27.3	127.
33.2	91.0	9914.3	250.0	-58.4	99.9	325.7	12.6	7.1	-11.4	319.2	999.9	99.9	999.9	27.7	127.
33.8	92.0	10041.5	245.0	-57.9	99.9	318.5	12.8	8.5	-9.6	321.8	999.9	99.9	999.9	28.1	128.
34.2	93.0	10171.9	240.0	-56.7	99.9	313.9	12.8	9.2	-8.8	325.5	999.9	99.9	999.9	28.5	128.
34.7	94.0	10305.8	235.0	-55.2	99.9	308.3	12.7	9.9	-7.8	329.7	999.9	99.9	999.9	28.9	128.
35.3	95.0	10443.0	230.0	-55.2	99.9	302.4	12.8	10.8	-6.9	331.8	999.9	99.9	999.9	29.3	128.
35.9	96.0	10612.3	224.0	-53.8	99.9	299.4	13.2	11.5	-5.5	336.5	999.9	99.9	999.9	29.8	128.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
515 GMT

142 40. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
36.4	97.0	10757.5	219.0	-53.5	99.9	299.7	13.3	11.5	-5.6	339.2	999.9	99.9	999.9	30.2	127.
37.0	98.0	10906.1	214.0	-53.5	99.9	301.0	13.0	11.2	-6.7	341.4	999.9	99.9	999.9	30.6	127.
37.5	99.0	11058.2	209.0	-53.6	99.9	301.7	13.3	11.3	-7.0	343.5	999.9	99.9	999.9	31.0	127.
38.1	100.0	11182.4	205.0	-53.6	99.9	302.9	14.7	12.4	-8.0	345.4	999.9	99.9	999.9	31.5	127.
38.8	101.0	11373.4	199.0	-53.6	99.9	304.5	16.2	13.4	-9.2	348.4	999.9	99.9	999.9	32.2	127.
39.2	102.0	11504.0	195.0	-53.6	99.9	305.3	16.1	13.1	-9.3	350.4	999.9	99.9	999.9	32.6	127.
39.8	103.0	11670.9	190.0	-53.8	99.9	306.5	14.9	11.9	-9.8	352.7	999.9	99.9	999.9	33.2	127.
40.4	104.0	11807.6	186.0	-54.0	99.9	307.1	14.8	11.8	-8.9	354.6	999.9	99.9	999.9	33.6	127.
40.9	105.0	11982.3	181.0	-54.6	99.9	307.1	16.6	13.2	-10.0	356.4	999.9	99.9	999.9	34.1	127.
41.5	106.0	12125.4	177.0	-54.4	99.9	306.9	18.9	15.1	-11.4	358.9	999.9	99.9	999.9	34.7	127.
42.0	107.0	12271.9	173.0	-54.4	99.9	305.9	19.0	15.4	-11.2	361.3	999.9	99.9	999.9	35.3	127.
42.5	108.0	12422.0	169.0	-53.6	99.9	303.5	17.0	14.2	-9.4	365.0	999.9	99.9	999.9	36.0	127.
43.1	109.0	12576.2	165.0	-53.2	99.9	300.4	14.5	12.5	-7.3	368.3	999.9	99.9	999.9	36.5	127.
43.7	110.0	12734.2	161.0	-53.6	99.9	300.9	13.8	11.8	-7.1	370.1	999.9	99.9	999.9	36.9	127.
44.4	111.0	12937.0	156.0	-53.8	99.9	304.7	14.3	11.8	-8.1	373.2	999.9	99.9	999.9	37.5	127.
45.0	112.0	13103.7	152.0	-54.1	99.9	306.6	14.8	11.9	-8.8	375.4	999.9	99.9	999.9	38.0	127.
45.5	113.0	13274.7	148.0	-54.4	99.9	306.8	14.5	11.6	-8.7	377.8	999.9	99.9	999.9	38.5	127.
46.1	114.0	13450.1	144.0	-54.8	99.9	306.7	13.9	11.2	-8.3	380.2	999.9	99.9	999.9	39.0	127.
46.7	115.0	13585.0	141.0	-54.1	99.9	306.1	14.8	11.9	-8.7	383.6	999.9	99.9	999.9	39.4	127.
47.5	116.0	13816.5	136.0	-54.4	99.9	303.7	15.4	12.8	-8.6	387.0	999.9	99.9	999.9	40.3	127.
48.1	117.0	13959.5	133.0	-54.0	99.9	300.9	13.7	11.7	-7.0	390.3	999.9	99.9	999.9	40.8	127.
48.9	118.0	14155.7	129.0	-53.6	99.9	295.1	13.5	12.3	-5.7	394.3	999.9	99.9	999.9	41.4	127.
49.4	119.0	14306.7	126.0	-54.8	99.9	293.0	14.6	13.5	-5.7	395.0	999.9	99.9	999.9	41.8	126.
50.0	120.0	14460.8	123.0	-54.8	99.9	293.1	15.8	14.6	-6.2	397.7	999.9	99.9	999.9	42.3	126.
50.5	121.0	14672.8	119.0	-53.8	99.9	294.1	15.7	14.3	-6.4	403.2	999.9	99.9	999.9	42.9	126.
51.2	122.0	14836.9	116.0	-53.6	99.9	298.5	15.2	13.3	-7.2	406.5	999.9	99.9	999.9	43.4	126.
51.7	123.0	15005.3	113.0	-53.8	99.9	302.3	15.6	13.2	-8.3	409.3	999.9	99.9	999.9	43.9	126.
52.4	124.0	15236.5	109.0	-54.4	99.9	305.3	15.6	12.7	-9.0	412.3	999.9	99.9	999.9	44.6	126.
52.9	125.0	15415.1	106.0	-55.1	99.9	305.6	14.3	11.6	-8.3	414.4	999.9	99.9	999.9	45.1	126.
53.7	126.0	15558.8	103.0	-54.3	99.9	303.2	12.7	10.6	-7.0	419.3	999.9	99.9	999.9	45.6	126.
54.5	127.0	15787.9	100.0	-55.2	99.9	302.2	14.5	12.3	-7.7	421.0	999.9	99.9	999.9	46.2	126.
55.0	128.0	15982.4	97.0	-55.1	99.9	302.4	15.7	13.2	-8.4	425.0	999.9	99.9	999.9	46.8	126.
55.7	129.0	16183.4	94.0	-54.3	99.9	300.3	15.7	13.5	-7.9	430.4	999.9	99.9	999.9	47.4	126.
56.3	130.0	16391.5	91.0	-54.0	99.9	301.2	15.1	12.9	-7.8	435.1	999.9	99.9	999.9	48.0	126.
57.1	131.0	16606.1	88.0	-55.2	99.9	308.2	13.9	10.9	-8.6	436.7	999.9	99.9	999.9	48.6	126.
57.7	132.0	16827.3	85.0	-55.7	99.9	311.2	13.4	10.1	-8.8	440.0	999.9	99.9	999.9	49.1	126.
58.4	133.0	17055.9	82.0	-56.1	99.9	310.1	13.9	10.6	-9.0	443.9	999.9	99.9	999.9	49.7	126.
59.1	134.0	17292.9	79.0	-56.1	99.9	307.4	13.7	10.9	-8.3	448.7	999.9	99.9	999.9	50.3	126.
59.9	135.0	17455.8	77.0	-56.6	99.9	306.2	14.3	11.5	-8.4	450.9	999.9	99.9	999.9	50.9	126.
60.6	136.0	17707.7	74.0	-56.9	99.9	307.9	15.6	12.3	-9.6	455.4	999.9	99.9	999.9	51.6	126.
61.4	137.0	17969.8	71.0	-56.9	99.9	309.8	15.0	11.5	-9.6	460.8	999.9	99.9	999.9	52.3	126.
62.4	138.0	18243.3	68.0	-56.9	99.9	311.7	14.4	10.7	-9.6	466.5	999.9	99.9	999.9	53.2	126.
63.3	139.0	18529.1	65.0	-56.9	99.9	313.2	12.5	9.1	-8.5	472.6	999.9	99.9	999.9	54.0	126.
64.3	140.0	18828.0	62.0	-57.4	99.9	299.5	11.6	10.1	-5.7	477.9	999.9	99.9	999.9	54.6	126.
65.1	141.0	19141.2	59.0	-57.8	99.9	297.9	12.9	11.4	-5.1	483.9	999.9	99.9	999.9	55.1	126.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
515 GMT

142 40. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.2	142.0	19469.8	56.0	-58.6	99.9	305.4	12.4	10.1	-7.2	489.2	999.9	99.9	999.9	56.1	126.
67.3	143.0	19698.2	54.0	-58.8	99.9	307.9	11.9	9.4	-7.3	494.0	999.9	99.9	999.9	56.8	126.
68.6	144.0	20055.8	51.0	-60.4	99.9	314.2	14.2	10.1	-9.9	498.4	999.9	99.9	999.9	57.8	126.
69.8	145.0	20432.8	48.0	-61.3	99.9	308.8	14.4	11.3	-9.0	504.9	999.9	99.9	999.9	58.9	126.
71.2	146.0	20832.6	45.0	-62.0	99.9	313.8	12.7	9.2	-8.8	512.5	999.9	99.9	999.9	60.0	126.
72.4	147.0	21112.7	43.0	-63.6	99.9	999.9	99.9	99.9	99.9	515.5	999.9	99.9	999.9	999.9	999.
73.8	148.0	21554.4	40.0	-65.7	99.9	999.9	99.9	99.9	99.9	520.8	999.9	99.9	999.9	999.9	999.

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
1115 GMT

146 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	392.0	975.6	-19.4	-27.1	290.0	6.7	6.3	-2.3	255.6	256.7	0.4	50.0	0.0	0.
0.1	8.0	404.2	974.0	-19.8	-24.9	309.7	14.9	11.5	-9.5	255.4	256.7	0.5	63.4	0.3	120.
0.3	9.0	488.5	963.0	-20.0	-24.7	309.7	14.9	11.5	-9.5	255.9	257.3	0.5	66.3	0.3	120.
0.7	10.0	581.4	951.0	-20.3	-24.7	313.4	14.7	10.7	-10.1	256.6	258.0	0.5	67.4	0.5	123.
1.0	11.0	683.6	938.0	-19.1	-23.4	319.1	14.5	9.5	-11.0	258.8	260.5	0.6	68.5	0.8	126.
1.3	12.0	771.7	927.0	-18.0	-23.6	326.3	14.9	8.2	-12.4	260.8	262.5	0.6	61.5	1.0	131.
1.7	13.0	861.2	916.0	-16.1	-26.3	330.6	16.1	7.9	-14.0	263.7	265.0	0.5	40.8	1.4	136.
1.9	14.0	952.3	905.0	-15.5	-29.9	330.5	16.9	8.3	-14.7	265.1	266.1	0.4	27.9	1.6	138.
2.2	15.0	1044.6	894.0	-15.8	-30.5	329.5	16.4	8.3	-14.2	265.8	266.7	0.3	26.7	1.9	140.
2.4	16.0	1154.9	881.0	-16.1	-31.1	328.6	15.6	8.1	-13.3	266.6	267.5	0.3	25.9	2.1	141.
2.8	17.0	1249.5	870.0	-16.6	-32.3	326.9	14.3	7.8	-11.9	267.0	267.8	0.3	24.3	2.4	142.
3.1	18.0	1345.0	859.0	-17.0	-32.6	325.4	13.5	7.7	-11.1	267.5	268.3	0.3	24.3	2.6	142.
3.3	19.0	1441.7	848.0	-17.3	-33.0	324.2	13.2	7.7	-10.7	268.2	269.0	0.3	23.9	2.8	143.
3.7	20.0	1530.5	838.0	-17.5	-34.1	321.4	12.4	7.8	-9.7	269.0	269.7	0.2	21.6	3.1	143.
4.1	21.0	1647.4	825.0	-18.4	-36.4	319.7	12.2	8.0	-9.2	269.2	269.8	0.2	18.7	3.4	142.
4.4	22.0	1738.4	815.0	-18.8	-36.7	317.8	13.3	8.9	-9.9	269.7	270.3	0.2	18.8	3.6	142.
4.7	23.0	1830.3	805.0	-18.9	-37.1	317.3	14.6	9.9	-10.7	270.5	271.1	0.2	18.3	3.9	142.
5.0	24.0	1923.3	795.0	-19.8	-37.5	317.2	15.9	10.1	-11.6	270.6	271.2	0.2	18.8	4.1	142.
5.3	25.0	2026.5	784.0	-20.4	-37.8	317.7	16.7	11.2	-12.3	270.9	271.5	0.2	19.4	4.5	141.
5.7	26.0	2150.3	771.0	-20.6	-37.6	317.2	16.7	11.3	-12.2	272.1	272.7	0.2	19.9	4.9	141.
6.0	27.0	2246.9	761.0	-20.4	-37.1	315.8	15.8	11.1	-11.4	273.3	273.9	0.2	20.8	5.2	141.
6.3	28.0	2344.9	751.0	-20.4	-39.1	314.0	16.0	11.5	-11.1	274.3	274.8	0.2	16.8	5.4	140.
6.6	29.0	2444.1	741.0	-20.2	-39.3	312.3	16.3	12.1	-11.0	275.6	276.2	0.2	16.2	5.7	140.
7.0	30.0	2534.9	732.0	-18.8	-42.0	310.2	17.2	13.1	-11.1	278.1	278.5	0.1	10.8	6.1	140.
7.3	31.0	2637.5	722.0	-18.7	-47.0	308.9	18.1	14.1	-11.4	279.3	279.6	0.1	6.2	6.4	139.
7.6	32.0	2741.6	712.0	-17.7	-44.5	308.0	19.0	15.0	-11.7	281.5	281.8	0.1	7.4	6.7	138.
7.9	33.0	2847.4	702.0	-17.7	-44.5	307.4	19.6	15.5	-11.9	282.6	282.9	0.1	7.4	7.1	138.
8.3	34.0	2943.9	693.0	-18.0	-43.2	307.3	19.8	15.8	-12.0	283.4	283.7	0.1	8.8	7.6	137.
8.6	35.0	3041.5	684.0	-18.7	-35.2	307.5	19.8	15.7	-12.1	283.7	284.5	0.3	21.7	7.9	137.
9.0	36.0	3173.2	672.0	-19.6	-34.1	308.0	19.5	15.4	-12.0	284.1	285.0	0.3	26.1	8.4	136.
9.4	37.0	3273.4	663.0	-19.8	-24.4	308.0	19.1	15.1	-11.8	285.1	287.4	0.8	66.5	8.8	136.
9.7	38.0	3386.2	653.0	-19.8	-23.9	307.5	18.9	15.0	-11.5	286.3	288.8	0.8	69.1	9.2	136.
10.0	39.0	3489.2	644.0	-20.2	-24.4	306.8	18.6	14.9	-11.1	287.0	289.4	0.8	68.6	9.5	135.
10.4	40.0	3593.5	635.0	-20.6	-24.9	304.8	18.3	15.1	-10.5	287.7	290.1	0.8	68.2	10.0	135.
10.7	41.0	3722.7	624.0	-20.8	-25.1	303.2	18.3	15.3	-10.0	288.8	291.2	0.8	68.2	10.3	135.
11.1	42.0	3830.1	615.0	-21.1	-25.6	301.2	18.5	15.8	-9.6	289.7	292.0	0.8	67.0	10.7	134.
11.5	43.0	3938.8	606.0	-22.2	-26.5	300.4	19.0	16.4	-9.6	289.7	291.9	0.7	67.4	11.1	134.
11.8	44.0	4048.6	597.0	-23.1	-27.1	301.5	19.3	16.4	-10.1	289.9	291.9	0.7	69.2	11.5	133.
12.1	45.0	4159.8	588.0	-23.8	-27.5	302.9	19.5	16.4	-10.6	290.3	292.4	0.7	71.0	11.9	133.
12.6	46.0	4272.3	579.0	-24.7	-28.0	306.1	19.6	15.8	-11.6	290.5	292.5	0.7	73.7	12.4	132.
12.8	47.0	4373.4	571.0	-25.7	-28.2	307.1	19.5	15.5	-11.8	290.5	292.4	0.6	79.3	12.6	132.
13.2	48.0	4488.4	562.0	-26.4	-28.8	308.6	19.0	14.9	-11.9	291.0	292.9	0.6	79.8	13.1	132.
13.5	49.0	4591.9	554.0	-27.2	-29.7	309.3	18.5	14.3	-11.7	291.3	293.1	0.6	79.2	13.5	132.
13.9	50.0	4696.6	546.0	-27.7	-30.2	310.0	17.8	13.6	-11.5	291.8	293.6	0.6	79.0	13.9	132.
14.3	51.0	4842.9	535.0	-28.0	-30.5	311.2	17.6	13.2	-11.6	293.2	295.0	0.6	78.6	14.3	132.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
MURON, S D

6 FEBRUARY 1975  
1115 GMT

146 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.7	52.0	4951.1	527.0	-28.2	-31.4	312.5	17.9	13.2	-12.1	294.2	295.8	0.5	73.7	14.7	132.
15.2	53.0	5060.7	519.0	-28.8	-32.3	313.4	18.6	13.5	-12.8	294.8	296.3	0.5	71.0	15.2	132.
15.5	54.0	5171.7	511.0	-29.7	-33.8	313.7	19.0	13.8	-13.2	295.0	296.4	0.4	67.0	15.6	132.
15.9	55.0	5284.1	503.0	-30.7	-34.6	314.0	18.7	13.5	-13.0	295.1	296.3	0.4	68.3	16.1	132.
16.4	56.0	5426.3	493.0	-32.0	-35.7	314.6	17.5	12.5	-12.3	295.2	296.3	0.4	69.4	16.7	132.
16.9	57.0	5541.7	485.0	-32.8	-36.5	314.9	16.4	11.6	-11.6	295.6	296.7	0.3	69.0	17.2	132.
17.4	58.0	5658.7	477.0	-33.2	-37.1	314.2	16.3	11.7	-11.4	296.5	297.6	0.3	67.7	17.6	132.
17.8	59.0	5762.4	470.0	-34.3	-38.1	313.3	17.0	12.4	-11.7	296.4	297.4	0.3	67.7	18.0	132.
18.2	60.0	5882.3	462.0	-35.2	-39.0	312.7	18.0	13.2	-12.2	296.7	297.7	0.3	68.1	18.4	132.
18.6	61.0	5988.5	455.0	-36.0	-39.7	312.4	19.0	14.0	-12.8	297.0	297.9	0.3	68.6	18.8	132.
18.9	62.0	6111.5	447.0	-37.0	-40.8	312.2	19.4	14.4	-13.1	297.2	298.0	0.2	67.8	19.2	132.
19.4	63.0	6220.5	440.0	-37.8	-42.5	311.7	19.3	14.4	-12.8	297.5	298.2	0.2	61.2	19.8	132.
19.8	64.0	6346.7	432.0	-38.9	-44.2	310.9	18.6	14.0	-12.2	297.7	298.3	0.2	56.8	20.3	132.
20.2	65.0	6458.5	425.0	-40.0	-45.3	310.1	17.8	13.6	-11.5	297.8	298.3	0.2	56.2	20.7	132.
20.8	66.0	6604.4	416.0	-41.1	99.9	309.5	17.1	13.2	-10.9	298.2	999.9	99.9	999.9	21.3	132.
21.2	67.0	6719.5	409.0	-42.0	99.9	309.7	17.2	13.2	-11.0	298.5	999.9	99.9	999.9	21.7	132.
21.7	68.0	6836.1	402.0	-43.1	99.9	310.3	17.6	13.4	-11.4	298.5	999.9	99.9	999.9	22.2	132.
22.2	69.0	6954.2	395.0	-43.8	99.9	311.4	18.0	13.5	-11.9	299.1	999.9	99.9	999.9	22.8	132.
22.6	70.0	7074.0	388.0	-44.9	99.9	312.9	18.2	13.8	-12.4	299.2	999.9	99.9	999.9	23.2	132.
23.2	71.0	7213.0	380.0	-46.1	99.9	316.4	19.2	13.2	-13.9	299.5	999.9	99.9	999.9	23.8	132.
23.6	72.0	7336.5	373.0	-46.6	99.9	319.1	20.0	13.1	-15.1	300.3	999.9	99.9	999.9	24.3	132.
24.1	73.0	7461.9	366.0	-47.5	99.9	322.3	20.4	12.5	-16.1	300.8	999.9	99.9	999.9	25.0	132.
24.6	74.0	7589.4	359.0	-48.2	99.9	324.3	20.8	12.1	-16.9	301.5	999.9	99.9	999.9	25.6	133.
25.0	75.0	7700.2	353.0	-49.1	99.9	324.8	21.7	12.5	-17.7	301.8	999.9	99.9	999.9	25.9	133.
25.5	76.0	7831.4	346.0	-50.0	99.9	324.2	22.9	13.4	-18.5	302.3	999.9	99.9	999.9	26.8	133.
26.0	77.0	7945.5	340.0	-50.9	99.9	323.2	23.3	14.7	-18.7	302.6	999.9	99.9	999.9	27.4	134.
26.4	78.0	8061.1	334.0	-51.9	99.9	322.6	23.0	14.1	-18.3	302.7	999.9	99.9	999.9	27.9	134.
26.8	79.0	8198.0	327.0	-53.0	99.9	322.1	22.5	13.8	-17.7	303.1	999.9	99.9	999.9	28.5	134.
27.2	80.0	8317.2	321.0	-53.9	99.9	321.2	22.6	14.2	-17.6	303.4	999.9	99.9	999.9	29.0	134.
27.8	81.0	8458.6	314.0	-54.6	99.9	319.4	25.7	16.4	-17.1	304.5	999.9	99.9	999.9	29.7	134.
28.3	82.0	8581.8	308.0	-55.5	99.9	318.7	27.4	18.1	-20.6	304.8	999.9	99.9	999.9	30.7	134.
28.5	83.0	8707.0	302.0	-56.3	99.9	318.6	28.0	18.5	-21.0	305.4	999.9	99.9	999.9	31.1	134.
29.0	84.0	8834.2	296.0	-57.1	99.9	319.1	27.2	17.8	-20.5	306.0	999.9	99.9	999.9	31.8	134.
29.5	85.0	8963.5	290.0	-58.0	99.9	319.2	26.8	17.5	-20.3	306.6	999.9	99.9	999.9	32.5	135.
29.9	86.0	9117.3	283.0	-58.5	99.9	319.5	26.9	17.5	-20.5	308.0	999.9	99.9	999.9	33.3	135.
30.2	87.0	9251.9	277.0	-59.0	99.9	319.8	27.3	17.6	-20.9	309.2	999.9	99.9	999.9	33.8	135.
30.6	88.0	9366.3	272.0	-58.5	99.9	320.1	28.3	18.1	-21.7	311.5	999.9	99.9	999.9	34.3	135.
31.1	89.0	9506.8	266.0	-58.0	99.9	319.6	29.4	19.1	-22.4	314.3	999.9	99.9	999.9	35.2	135.
31.7	90.0	9626.3	261.0	-58.0	99.9	317.9	27.8	18.6	-20.6	316.0	999.9	99.9	999.9	36.4	135.
32.2	91.0	9772.9	255.0	-58.0	99.9	317.4	26.2	17.7	-19.3	318.1	999.9	99.9	999.9	37.1	135.
32.7	92.0	9898.0	250.0	-57.0	99.9	319.4	27.0	17.5	-20.5	321.4	999.9	99.9	999.9	37.8	135.
33.0	93.0	10026.1	245.0	-56.3	99.9	321.3	28.3	17.7	-22.1	324.2	999.9	99.9	999.9	38.4	135.
33.3	94.0	10157.1	240.0	-56.2	99.9	322.8	28.9	17.5	-23.1	326.4	999.9	99.9	999.9	38.9	135.
33.7	95.0	10318.1	234.0	-56.0	99.9	323.9	28.5	16.8	-23.0	329.0	999.9	99.9	999.9	39.6	135.
34.0	96.0	10483.2	228.0	-56.3	99.9	324.0	27.1	15.9	-21.9	330.9	999.9	99.9	999.9	40.2	136.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
1115 GMT

146 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.3	97.0	10623.6	223.0	-57.8	99.9	322.6	24.6	14.9	-19.5	330.8	999.9	99.9	999.9	40.7	136.
34.7	98.0	10766.4	218.0	-58.3	99.9	319.9	21.9	14.1	-15.7	332.2	999.9	99.9	999.9	41.2	136.
35.1	99.0	10912.4	213.0	-58.3	99.9	316.5	20.4	14.1	-14.8	334.4	999.9	99.9	999.9	41.6	136.
35.6	100.0	11062.3	208.0	-57.3	99.9	313.9	20.4	14.1	-14.2	338.2	999.9	99.9	999.9	42.2	136.
36.0	101.0	11217.0	203.0	-54.9	99.9	313.3	20.2	14.1	-13.9	344.4	999.9	99.9	999.9	42.8	136.
36.5	102.0	11377.0	198.0	-53.3	99.9	313.1	18.8	13.1	-12.8	349.4	999.9	99.9	999.9	43.4	136.
37.1	103.0	11508.3	194.0	-53.8	99.9	311.1	19.2	14.1	-12.6	350.7	999.9	99.9	999.9	43.9	136.
37.7	104.0	11675.8	189.0	-54.6	99.9	309.2	20.7	16.1	-13.1	352.0	999.9	99.9	999.9	44.7	136.
38.2	105.0	11812.8	185.0	-54.4	99.9	308.4	20.7	16.1	-12.9	354.4	999.9	99.9	999.9	45.4	135.
38.8	106.0	11953.4	181.0	-52.7	99.9	308.8	20.9	16.1	-13.1	359.5	999.9	99.9	999.9	46.0	135.
39.5	107.0	12134.4	176.0	-52.4	99.9	310.8	23.0	17.1	-15.0	362.8	999.9	99.9	999.9	47.0	135.
40.0	108.0	12283.3	172.0	-51.6	99.9	311.7	23.9	17.1	-15.9	366.5	999.9	99.9	999.9	47.6	135.
40.6	109.0	12435.9	168.0	-51.9	99.9	311.9	24.5	18.1	-16.4	368.5	999.9	99.9	999.9	48.6	135.
41.1	110.0	12592.3	164.0	-51.0	99.9	311.5	24.4	18.1	-16.5	372.5	999.9	99.9	999.9	49.2	135.
41.8	111.0	12793.2	159.0	-52.4	99.9	316.1	21.8	15.1	-15.7	373.5	999.9	99.9	999.9	50.3	135.
42.4	112.0	12957.6	155.0	-53.2	99.9	319.8	19.8	12.1	-15.1	375.0	999.9	99.9	999.9	51.0	135.
43.0	113.0	13126.1	151.0	-53.2	99.9	319.3	19.4	12.1	-14.7	377.8	999.9	99.9	999.9	51.6	135.
43.5	114.0	13258.9	147.0	-53.8	99.9	316.9	18.7	12.1	-13.6	379.6	999.9	99.9	999.9	52.3	135.
44.1	115.0	13431.6	144.0	-52.8	99.9	314.7	17.6	12.5	-12.4	383.5	999.9	99.9	999.9	52.9	135.
44.9	116.0	13659.8	139.0	-52.7	99.9	309.1	17.0	13.1	-10.7	387.6	999.9	99.9	999.9	53.8	135.
45.5	117.0	13800.5	136.0	-53.2	99.9	302.8	16.9	14.2	-9.1	389.3	999.9	99.9	999.9	54.3	135.
46.3	118.0	13992.9	132.0	-53.2	99.9	304.7	19.7	16.2	-11.2	392.6	999.9	99.9	999.9	55.1	135.
47.0	119.0	14140.8	129.0	-53.8	99.9	310.3	22.1	16.9	-14.3	394.1	999.9	99.9	999.9	56.1	135.
47.6	120.0	14342.8	125.0	-54.7	99.9	313.4	20.5	14.9	-14.1	395.9	999.9	99.9	999.9	56.9	135.
48.2	121.0	14498.0	122.0	-55.4	99.9	315.4	17.8	12.5	-12.7	397.5	999.9	99.9	999.9	57.5	135.
48.8	122.0	14656.9	119.0	-55.2	99.9	317.8	15.7	10.5	-11.6	400.7	999.9	99.9	999.9	58.2	135.
49.5	123.0	14874.6	115.0	-56.3	99.9	318.6	16.1	10.6	-12.1	402.5	999.9	99.9	999.9	58.6	135.
50.0	124.0	15042.5	112.0	-56.3	99.9	316.4	18.4	12.7	-13.4	405.6	999.9	99.9	999.9	59.3	135.
50.6	125.0	15214.8	109.0	-56.5	99.9	315.0	19.8	14.0	-14.0	408.4	999.9	99.9	999.9	60.0	135.
51.3	126.0	15452.2	105.0	-56.3	99.9	314.6	19.0	13.5	-13.3	413.1	999.9	99.9	999.9	60.8	135.
52.1	127.0	15636.6	102.0	-55.7	99.9	311.9	18.0	13.4	-12.0	417.8	999.9	99.9	999.9	61.7	135.
52.7	128.0	15826.8	99.0	-55.5	99.9	307.7	18.3	14.5	-11.2	421.7	999.9	99.9	999.9	62.3	135.
53.5	129.0	16023.3	96.0	-54.7	99.9	305.8	19.5	15.8	-11.4	427.0	999.9	99.9	999.9	63.1	135.
54.1	130.0	16226.5	93.0	-54.6	99.9	308.0	20.3	16.0	-12.5	431.2	999.9	99.9	999.9	63.9	135.
54.8	131.0	16436.6	90.0	-54.2	99.9	310.2	20.5	15.7	-13.2	435.9	999.9	99.9	999.9	64.8	134.
55.5	132.0	16653.7	87.0	-54.9	99.9	312.4	20.2	14.9	-13.7	438.8	999.9	99.9	999.9	65.6	134.
56.2	133.0	16877.9	84.0	-55.2	99.9	311.2	16.3	12.3	-10.8	442.6	999.9	99.9	999.9	66.5	134.
56.9	134.0	17109.9	81.0	-55.5	99.9	308.2	11.4	9.0	-7.0	446.6	999.9	99.9	999.9	67.0	134.
57.9	135.0	17269.2	79.0	-55.7	99.9	313.4	13.7	9.9	-9.4	449.5	999.9	99.9	999.9	67.6	134.
59.1	136.0	17600.2	75.0	-55.7	99.9	314.3	16.3	11.7	-11.4	456.2	999.9	99.9	999.9	68.8	134.
60.2	137.0	17859.8	72.0	-56.3	99.9	314.3	9.9	7.1	-6.9	460.2	999.9	99.9	999.9	69.9	134.
61.7	138.0	18129.4	69.0	-57.5	99.9	312.5	12.3	9.1	-8.3	463.3	999.9	99.9	999.9	70.5	134.
62.8	139.0	18409.6	66.0	-58.5	99.9	306.3	17.6	14.2	-10.4	467.1	999.9	99.9	999.9	71.5	134.
63.8	140.0	18701.4	63.0	-59.5	99.9	307.1	19.0	15.2	-11.5	471.1	999.9	99.9	999.9	72.6	134.
64.8	141.0	19006.0	60.0	-60.5	99.9	310.3	15.1	11.5	-9.8	475.4	999.9	99.9	999.9	73.8	134.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
1115 GMT

146 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
65.8	142.0	19324.8	57.0	-61.4	99.9	313.8	12.4	8.9	-8.6	480.4	999.9	99.9	999.9	74.5	134.
67.0	143.0	19545.9	55.0	-62.1	99.9	310.8	14.6	11.1	-9.5	483.7	999.9	99.9	999.9	75.4	134.
68.3	144.0	19894.6	52.0	-59.7	99.9	300.8	20.9	18.0	-10.7	497.3	999.9	99.9	999.9	76.7	134.
69.3	145.0	20264.7	49.0	-61.4	99.9	305.2	24.2	19.8	-14.0	501.6	999.9	99.9	999.9	78.1	134.
70.3	146.0	20655.3	46.0	-62.7	99.9	311.0	25.1	18.9	-16.4	507.7	999.9	99.9	999.9	79.6	134.
71.3	147.0	21070.0	43.0	-63.8	99.9	311.8	22.0	16.4	-14.7	514.9	999.9	99.9	999.9	81.1	134.
72.9	148.0	21512.9	40.0	-64.4	99.9	304.5	19.9	16.4	-11.3	524.2	999.9	99.9	999.9	82.9	133.
74.3	149.0	21990.3	37.0	-63.8	99.9	310.6	25.1	19.1	-16.3	537.5	999.9	99.9	999.9	84.8	133.
75.4	150.0	22507.2	34.0	-65.1	99.9	312.8	20.6	15.1	-14.0	547.1	999.9	99.9	999.9	86.6	133.
77.3	151.0	22876.0	32.0	-65.7	99.9	999.9	99.9	99.1	99.9	555.2	999.9	99.9	999.9	999.9	999.
78.9	152.0	23473.6	29.0	-66.1	99.9	999.9	99.9	99.1	99.9	569.9	999.9	99.9	999.9	999.9	999.

STATION NO. 654  
HUPON, S D

6 FEBRUARY 1975  
1415 GMT

156 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMI M/SEI	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	392.0	975.6	-19.4	-26.1	290.0	5.1	4.8	-1.7	255.6	256.8	0.5	55.0	0.0	0.
0.3	9.0	473.3	965.0	-19.1	-24.1	313.0	12.9	9.4	-8.8	256.7	258.2	0.6	64.1	0.3	113.
0.6	10.0	550.9	955.0	-18.4	-23.4	315.1	13.0	9.2	-9.2	258.2	259.8	0.6	64.8	0.4	117.
1.0	11.0	661.2	941.0	-18.1	-23.0	322.7	13.6	8.2	-10.8	259.6	261.3	0.6	65.3	0.7	124.
1.3	12.0	741.1	931.0	-17.6	-22.6	331.3	13.3	6.4	-11.7	260.9	262.7	0.7	65.0	0.9	131.
1.6	13.0	830.2	920.0	-17.5	-22.6	337.4	13.2	5.0	-12.1	261.9	263.8	0.7	64.1	1.2	136.
1.9	14.0	912.0	910.0	-17.5	-22.8	338.6	12.7	4.7	-11.9	262.8	264.6	0.7	63.1	1.4	140.
2.2	15.0	1003.2	899.0	-17.5	-23.5	333.8	12.7	5.6	-11.4	263.7	265.4	0.6	59.0	1.6	143.
2.5	16.0	1112.4	886.0	-16.9	-23.8	326.4	13.1	7.1	-10.9	265.3	267.0	0.6	54.6	1.8	144.
2.8	17.0	1197.7	876.0	-16.6	-25.2	321.0	13.2	8.1	-10.2	266.5	268.0	0.6	47.4	2.1	144.
3.1	18.0	1284.0	866.0	-16.6	-27.7	316.8	13.3	9.1	-9.7	267.3	268.6	0.4	37.5	2.3	143.
3.4	19.0	1371.3	856.0	-16.5	-31.1	314.9	13.4	9.1	-9.5	268.4	269.3	0.3	26.8	2.5	142.
3.8	20.0	1468.6	845.0	-16.5	-22.6	312.1	13.8	10.1	-9.3	269.4	271.4	0.7	59.1	2.9	141.
4.1	21.0	1576.0	833.0	-16.9	-21.2	310.5	14.0	10.1	-9.1	270.1	272.4	0.8	69.4	3.1	141.
4.4	22.0	1666.6	823.0	-17.5	-21.7	309.7	13.6	10.1	-9.7	270.4	272.7	0.8	69.5	3.4	140.
4.7	23.0	1758.1	813.0	-18.0	-23.5	310.7	13.8	10.1	-9.0	270.8	272.7	0.7	61.8	3.6	139.
5.1	24.0	1841.3	804.0	-18.5	-33.7	313.1	14.7	10.1	-10.0	271.0	271.8	0.3	24.8	3.9	138.
5.3	25.0	1934.6	794.0	-18.9	-35.4	314.3	15.3	10.1	-10.7	271.6	272.3	0.2	21.7	4.1	138.
5.7	26.0	2048.0	782.0	-18.9	-35.8	317.2	16.2	11.1	-11.9	272.7	273.4	0.2	20.8	4.5	138.
6.1	27.0	2134.0	773.0	-19.8	-25.9	319.0	17.2	11.1	-13.0	272.8	274.5	0.6	57.6	4.9	138.
6.3	28.0	2230.7	763.0	-20.0	-30.5	317.9	18.3	12.1	-13.6	273.5	274.7	0.4	38.3	5.1	138.
6.7	29.0	2328.5	753.0	-20.2	-25.2	316.7	19.0	13.1	-13.8	274.4	276.3	0.6	63.7	5.6	138.
7.0	30.0	2417.6	744.0	-20.3	-22.8	316.3	18.5	12.1	-13.4	275.3	277.6	0.8	80.4	5.9	138.
7.4	31.0	2507.8	735.0	-19.9	-21.3	316.5	18.4	12.7	-13.3	276.7	279.3	0.9	88.2	6.3	138.
7.6	32.0	2609.5	725.0	-19.9	-21.5	316.6	18.5	12.7	-13.4	277.8	280.4	0.9	87.2	6.6	138.
8.0	33.0	2702.2	716.0	-20.3	-21.7	317.1	18.8	12.1	-13.8	278.3	280.9	0.9	88.3	7.0	138.
8.3	34.0	2795.9	707.0	-20.6	-21.4	317.1	19.3	13.1	-14.1	279.0	281.8	1.0	93.0	7.3	138.
8.7	35.0	2901.1	697.0	-21.6	-22.0	316.4	19.7	13.6	-14.3	279.0	281.6	0.9	96.5	7.8	138.
9.1	36.0	3018.2	686.0	-22.3	-22.3	314.8	19.9	14.2	-14.1	279.5	282.1	0.9	102.0	8.3	138.
9.3	37.0	3115.1	677.0	-23.4	-23.4	313.6	19.9	14.4	-13.7	279.4	281.8	0.9	102.3	8.5	138.
9.6	38.0	3213.1	668.0	-23.0	-23.0	312.0	20.0	14.8	-13.4	280.9	283.4	0.9	102.3	8.9	137.
10.0	39.0	3301.6	660.0	-22.2	-22.2	310.6	20.1	15.3	-13.1	282.8	285.6	1.0	102.4	9.4	137.
10.3	40.0	3402.7	651.0	-21.8	-26.9	311.3	20.3	15.3	-13.4	284.3	286.2	0.6	63.2	9.7	137.
10.7	41.0	3528.7	640.0	-19.9	-30.7	312.8	20.4	15.0	-13.9	287.8	289.2	0.5	37.2	10.2	136.
11.0	42.0	3633.7	631.0	-20.4	-31.3	314.4	20.4	14.6	-14.3	288.3	289.7	0.4	36.9	10.6	136.
11.3	43.0	3739.8	622.0	-21.4	-32.2	315.8	20.3	14.1	-14.5	288.4	289.7	0.4	36.9	11.0	136.
11.7	44.0	3835.2	614.0	-21.9	-32.6	317.2	20.3	13.8	-14.9	288.9	290.1	0.4	37.1	11.4	136.
12.0	45.0	3943.8	605.0	-22.4	-31.7	317.9	20.4	13.7	-15.1	289.5	290.9	0.4	42.3	11.8	136.
12.3	46.0	4041.4	597.0	-23.2	-31.7	317.2	20.5	13.9	-15.0	289.7	291.0	0.4	45.2	12.2	136.
12.7	47.0	4140.1	589.0	-23.9	-32.4	315.5	20.3	14.2	-14.5	290.0	291.3	0.4	44.9	12.7	137.
13.0	48.0	4252.4	580.0	-24.7	-31.7	313.7	19.9	14.4	-13.7	290.4	291.8	0.5	51.6	13.1	137.
13.3	49.0	4353.3	572.0	-25.6	-32.4	312.0	19.1	14.2	-12.8	290.4	291.8	0.4	52.5	13.4	136.
13.7	50.0	4455.3	564.0	-26.4	-31.4	310.5	18.2	13.8	-11.8	290.7	292.2	0.5	62.5	13.9	136.
14.1	51.0	4584.4	554.0	-27.1	-31.5	310.2	17.8	13.6	-11.5	291.4	292.9	0.5	65.6	14.2	136.
14.5	52.0	4689.3	546.0	-27.2	-30.8	311.0	18.4	13.9	-12.1	292.5	294.1	0.5	71.3	14.6	136.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
1415 GMT

156 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.9	53.0	4795.4	538.0	-28.2	-31.8	312.0	19.4	14.4	-13.0	292.4	294.0	0.5	71.1	15.1	136.
15.2	54.0	4916.4	529.0	-28.8	-32.5	312.9	19.9	14.6	-13.5	293.2	294.7	0.5	70.0	15.5	136.
15.6	55.0	5025.4	521.0	-29.3	-32.7	314.3	20.4	14.6	-14.2	293.9	295.3	0.5	72.3	16.0	135.
16.0	56.0	5163.6	511.0	-30.2	-32.1	315.9	20.7	14.4	-14.9	294.4	295.8	0.5	75.8	16.4	135.
16.4	57.0	5275.7	503.0	-31.2	-33.8	316.8	21.3	14.6	-15.5	294.4	295.8	0.4	77.9	16.9	135.
16.7	58.0	5374.8	496.0	-32.2	-34.8	316.8	21.8	14.9	-15.9	294.5	295.8	0.4	77.3	17.3	136.
17.0	59.0	5489.4	488.0	-32.8	-35.7	316.5	22.3	15.3	-16.1	295.1	296.2	0.4	75.5	17.8	136.
17.3	60.0	5605.7	480.0	-33.3	-37.0	315.2	22.6	15.9	-16.0	295.8	296.9	0.3	69.6	18.1	136.
17.7	61.0	5723.6	472.0	-33.9	-38.1	312.9	22.9	16.8	-15.6	296.6	297.5	0.3	65.0	18.7	136.
18.1	62.0	5828.2	465.0	-34.7	-38.3	309.9	23.1	17.7	-14.8	296.9	297.8	0.3	69.3	19.3	136.
18.4	63.0	5934.0	458.0	-35.5	-39.4	307.5	23.3	18.5	-14.2	297.1	298.0	0.3	66.4	19.7	135.
18.7	64.0	6041.0	451.0	-36.5	-40.6	305.7	23.6	19.2	-13.7	297.1	297.9	0.2	65.3	20.1	135.
19.1	65.0	6164.9	443.0	-37.3	-41.3	303.8	24.0	19.9	-13.3	297.6	298.4	0.2	66.1	20.6	135.
19.4	66.0	6306.4	434.0	-38.4	-42.2	303.0	24.1	20.2	-13.1	298.0	298.7	0.2	66.6	21.1	135.
19.9	67.0	6417.9	427.0	-39.5	-43.9	301.6	23.8	20.2	-12.5	298.0	298.6	0.2	62.5	21.8	134.
20.1	68.0	6530.8	420.0	-40.4	99.9	301.2	23.6	20.2	-12.2	298.3	999.9	99.9	999.9	22.1	134.
20.6	69.0	6645.2	413.0	-41.5	99.9	301.0	23.2	19.9	-12.0	298.3	999.9	99.9	999.9	22.7	134.
20.9	70.0	6760.9	406.0	-42.4	99.9	301.6	23.2	19.8	-12.2	298.6	999.9	99.9	999.9	23.1	133.
21.2	71.0	6895.1	398.0	-43.3	99.9	302.7	23.3	19.6	-12.6	299.2	999.9	99.9	999.9	23.6	133.
21.5	72.0	7014.4	391.0	-44.2	99.9	304.0	23.5	19.4	-13.1	299.4	999.9	99.9	999.9	24.0	133.
21.9	73.0	7135.3	384.0	-45.1	99.9	305.9	23.9	19.4	-14.0	299.9	999.9	99.9	999.9	24.5	133.
22.2	74.0	7257.9	377.0	-45.9	99.9	307.1	24.2	19.3	-14.6	300.4	999.9	99.9	999.9	24.9	133.
22.7	75.0	7364.5	371.0	-46.9	99.9	308.6	24.7	19.1	-15.4	300.4	999.9	99.9	999.9	25.7	133.
23.1	76.0	7472.3	365.0	-47.8	99.9	309.6	25.2	19.5	-16.1	300.7	999.9	99.9	999.9	26.2	132.
23.4	77.0	7599.8	358.0	-48.8	99.9	310.1	26.1	20.4	-16.8	301.0	999.9	99.9	999.9	26.7	132.
23.9	78.0	7710.7	352.0	-49.5	99.9	310.6	28.4	21.4	-18.4	301.4	999.9	99.9	999.9	27.5	132.
24.2	79.0	7842.2	345.0	-50.0	99.9	310.6	29.1	22.1	-18.9	302.6	999.9	99.9	999.9	28.0	132.
24.6	80.0	7956.7	339.0	-50.6	99.9	310.1	29.1	22.1	-18.8	303.3	999.9	99.9	999.9	28.8	132.
25.1	81.0	8112.0	331.0	-51.6	99.9	308.0	27.0	21.2	-16.6	303.9	999.9	99.9	999.9	29.7	132.
25.5	82.0	8230.5	325.0	-52.4	99.9	305.4	25.3	20.6	-14.7	304.5	999.9	99.9	999.9	30.2	132.
25.9	83.0	8350.8	319.0	-53.3	99.9	304.0	25.7	21.3	-14.4	304.8	999.9	99.9	999.9	30.8	132.
26.3	84.0	8452.3	314.0	-54.1	99.9	304.4	26.8	22.1	-15.2	305.1	999.9	99.9	999.9	31.4	132.
26.7	85.0	8575.9	308.0	-54.7	99.9	305.7	27.8	22.6	-16.3	305.9	999.9	99.9	999.9	32.1	132.
27.1	86.0	8722.9	301.0	-55.0	99.9	307.2	28.3	22.5	-17.1	307.5	999.9	99.9	999.9	32.8	132.
27.5	87.0	8851.4	295.0	-55.4	99.9	308.2	28.0	22.0	-17.3	308.8	999.9	99.9	999.9	33.5	132.
28.0	88.0	8982.4	289.0	-55.7	99.9	308.2	26.7	21.0	-16.5	310.2	999.9	99.9	999.9	34.3	131.
28.3	89.0	9116.0	283.0	-55.8	99.9	307.7	25.8	20.4	-15.8	311.8	999.9	99.9	999.9	34.8	131.
28.9	90.0	9229.4	278.0	-56.3	99.9	305.9	25.4	20.5	-14.9	312.7	999.9	99.9	999.9	35.6	131.
29.2	91.0	9367.8	272.0	-56.8	99.9	304.9	26.3	21.6	-15.1	313.9	999.9	99.9	999.9	36.0	131.
29.8	92.0	9485.2	267.0	-57.3	99.9	304.1	28.4	23.6	-15.9	314.9	999.9	99.9	999.9	37.1	131.
30.1	93.0	9628.7	261.0	-57.8	99.9	304.6	28.7	23.7	-16.3	316.2	999.9	99.9	999.9	37.7	131.
30.5	94.0	9750.8	256.0	-57.5	99.9	306.3	28.1	22.6	-16.6	318.5	999.9	99.9	999.9	38.4	131.
30.9	95.0	9875.6	251.0	-56.8	99.9	308.6	27.7	21.6	-17.3	321.2	999.9	99.9	999.9	38.9	131.
31.4	96.0	10029.1	245.0	-56.5	99.9	310.9	27.3	20.7	-17.9	324.0	999.9	99.9	999.9	39.8	131.
31.9	97.0	10186.2	239.0	-57.0	99.9	312.9	26.2	19.2	-17.8	325.5	999.9	99.9	999.9	40.7	131.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
1415 GMT

156 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.3	98.0	10293.2	235.0	-56.5	99.9	313.8	25.8	18.6	-17.9	327.8	999.9	99.9	999.9	41.2	131.
32.9	99.0	10429.7	230.0	-56.5	99.9	313.3	26.7	19.1	-18.3	329.9	999.9	99.9	999.9	42.1	131.
33.3	100.0	10569.7	225.0	-54.9	99.9	311.6	27.4	20.5	-18.2	334.4	999.9	99.9	999.9	42.9	131.
33.9	101.0	10742.8	219.0	-54.2	99.9	308.3	28.3	22.2	-17.5	338.0	999.9	99.9	999.9	43.8	131.
34.4	102.0	10891.1	214.0	-53.6	99.9	306.2	28.9	23.3	-17.1	341.2	999.9	99.9	999.9	44.6	131.
34.9	103.0	11043.1	209.0	-53.5	99.9	306.3	27.8	22.4	-16.5	343.8	999.9	99.9	999.9	45.7	131.
35.2	104.0	11167.6	205.0	-53.0	99.9	307.4	26.4	21.0	-16.0	346.4	999.9	99.9	999.9	46.1	131.
35.8	105.0	11294.5	201.0	-53.6	99.9	311.1	23.9	18.0	-15.7	347.4	999.9	99.9	999.9	46.9	131.
36.1	106.0	11457.0	196.0	-52.2	99.9	313.4	23.1	16.8	-15.8	352.1	999.9	99.9	999.9	47.4	131.
36.7	107.0	11624.7	191.0	-51.0	99.9	317.8	21.8	14.7	-16.2	356.6	999.9	99.9	999.9	48.2	131.
37.1	108.0	11762.4	187.0	-50.9	99.9	320.0	21.0	13.5	-16.1	359.1	999.9	99.9	999.9	48.7	131.
37.7	109.0	11903.1	183.0	-51.3	99.9	321.6	20.1	12.5	-15.8	360.6	999.9	99.9	999.9	49.4	131.
38.1	110.0	12046.9	179.0	-50.7	99.9	321.9	19.7	12.2	-15.5	363.8	999.9	99.9	999.9	49.9	131.
38.9	111.0	12231.2	174.0	-51.2	99.9	318.4	21.3	14.1	-15.9	366.0	999.9	99.9	999.9	50.7	131.
39.5	112.0	12420.8	169.0	-51.2	99.9	316.3	25.0	17.2	-18.0	369.1	999.9	99.9	999.9	51.5	131.
40.1	113.0	12576.4	165.0	-51.6	99.9	317.0	25.2	17.2	-18.5	370.9	999.9	99.9	999.9	52.6	131.
40.5	114.0	12735.5	161.0	-52.1	99.9	317.5	23.1	15.6	-17.1	372.7	999.9	99.9	999.9	53.2	132.
41.1	115.0	12898.4	157.0	-52.1	99.9	315.3	20.5	14.4	-14.6	375.4	999.9	99.9	999.9	53.9	132.
41.8	116.0	13065.3	153.0	-52.7	99.9	312.4	21.2	15.7	-14.3	377.2	999.9	99.9	999.9	54.7	132.
42.2	117.0	13236.2	149.0	-53.0	99.9	311.7	21.7	16.2	-14.4	379.5	999.9	99.9	999.9	55.3	132.
42.8	118.0	13411.4	145.0	-53.6	99.9	311.4	21.3	16.0	-14.1	381.4	999.9	99.9	999.9	56.1	132.
43.3	119.0	13545.9	142.0	-53.5	99.9	310.6	21.0	15.9	-13.7	383.9	999.9	99.9	999.9	56.7	132.
43.9	120.0	13729.5	138.0	-54.1	99.9	309.0	21.0	16.3	-13.2	386.0	999.9	99.9	999.9	57.4	132.
44.5	121.0	13918.5	134.0	-53.6	99.9	308.6	20.6	15.1	-12.8	390.1	999.9	99.9	999.9	58.2	132.
45.1	122.0	14064.2	131.0	-53.3	99.9	310.3	21.1	16.1	-13.7	393.2	999.9	99.9	999.9	58.9	132.
45.7	123.0	14263.4	127.0	-54.2	99.9	311.3	21.9	16.5	-14.5	395.0	999.9	99.9	999.9	59.7	132.
46.1	124.0	14416.5	124.0	-54.7	99.9	311.5	21.8	16.4	-14.5	396.8	999.9	99.9	999.9	60.3	132.
46.7	125.0	14573.5	121.0	-54.1	99.9	311.5	21.1	15.8	-14.0	400.8	999.9	99.9	999.9	61.0	132.
47.4	126.0	14789.2	117.0	-53.9	99.9	311.5	21.1	15.8	-14.0	404.9	999.9	99.9	999.9	61.9	132.
48.0	127.0	14956.0	114.0	-54.1	99.9	311.5	21.9	16.4	-14.5	407.7	999.9	99.9	999.9	62.6	132.
48.6	128.0	15185.4	110.0	-53.6	99.9	311.5	21.3	15.9	-14.1	412.7	999.9	99.9	999.9	63.5	132.
49.3	129.0	15363.4	107.0	-53.2	99.9	311.5	19.0	14.2	-12.6	416.9	999.9	99.9	999.9	64.3	132.
50.0	130.0	15546.6	104.0	-53.2	99.9	311.9	17.2	12.8	-11.5	420.3	999.9	99.9	999.9	65.1	132.
50.8	131.0	15735.3	101.0	-53.2	99.9	316.8	15.0	10.3	-11.0	423.8	999.9	99.9	999.9	65.9	132.
51.5	132.0	15929.6	98.0	-53.2	99.9	319.9	17.0	10.9	-13.0	427.5	999.9	99.9	999.9	66.2	132.
52.1	133.0	16197.5	94.0	-54.1	99.9	316.7	18.2	12.5	-13.3	430.8	999.9	99.9	999.9	67.2	132.
52.8	134.0	16335.2	92.0	-55.0	99.9	313.1	14.3	10.4	-9.8	431.6	999.9	99.9	999.9	67.9	132.
53.5	135.0	16546.7	89.0	-55.7	99.9	311.7	12.0	8.9	-8.0	434.4	999.9	99.9	999.9	68.2	132.
54.4	136.0	16764.7	86.0	-56.5	99.9	311.2	11.0	8.3	-7.3	437.1	999.9	99.9	999.9	69.1	132.
55.3	137.0	16989.9	83.0	-56.8	99.9	306.6	11.5	9.2	-6.9	440.8	999.9	99.9	999.9	69.5	132.
56.5	138.0	17222.9	80.0	-57.3	99.9	306.3	15.0	12.1	-8.9	444.5	999.9	99.9	999.9	70.5	132.
57.5	139.0	17465.3	77.0	-56.0	99.9	304.1	20.3	16.8	-11.3	452.1	999.9	99.9	999.9	71.4	132.
58.2	140.0	17718.3	74.0	-55.7	99.9	306.8	22.7	18.2	-13.6	458.0	999.9	99.9	999.9	72.4	131.
59.0	141.0	17981.7	71.0	-56.0	99.9	307.1	21.6	17.2	-13.0	462.7	999.9	99.9	999.9	73.5	131.
59.7	142.0	18255.7	68.0	-57.0	99.9	305.1	19.4	15.8	-11.1	466.4	999.9	99.9	999.9	74.4	131.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 654.  
HURON, S D

6 FEBRUARY 1975  
1415 GMT

156 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.5	143.0	18540.5	65.0	-58.3	99.9	305.3	22.4	18.5	-12.9	469.5	999.9	99.9	999.9	75.2	131.
61.2	144.0	18837.1	62.0	-59.3	99.9	302.0	20.5	17.4	-10.9	473.6	999.9	99.9	999.9	76.4	131.
62.1	145.0	19147.8	59.0	-59.3	99.9	293.9	14.9	13.6	-6.0	480.4	999.9	99.9	999.9	77.1	131.
63.1	146.0	19363.6	57.0	-59.7	99.9	297.7	18.9	16.7	-8.8	484.4	999.9	99.9	999.9	78.0	131.
64.1	147.0	19701.3	54.0	-60.2	99.9	305.1	20.7	16.9	-1.9	490.7	999.9	99.9	999.9	79.4	131.
65.0	148.0	20056.9	51.0	-61.2	99.9	310.2	22.3	17.1	-4.4	496.4	999.9	99.9	999.9	80.2	131.
65.8	149.0	20433.9	48.0	-60.5	99.9	310.6	22.8	17.1	-4.8	506.7	999.9	99.9	999.9	81.7	131.
66.5	150.0	20834.5	45.0	-62.0	99.9	311.2	12.9	9.7	-8.5	512.7	999.9	99.9	999.9	82.6	131.
67.4	151.0	21114.6	43.0	-63.6	99.9	319.2	13.5	8.8	-10.2	515.3	999.9	99.9	999.9	82.7	131.
68.4	152.0	21557.5	40.0	-64.6	99.9	320.6	18.1	11.5	-13.9	523.7	999.9	99.9	999.9	84.2	131.
69.4	153.0	21870.9	38.0	-64.6	99.9	315.2	24.4	17.2	-17.3	531.5	999.9	99.9	999.9	84.9	131.
70.3	154.0	22373.3	35.0	-64.6	99.9	310.6	31.7	24.4	-20.6	544.1	999.9	99.9	999.9	86.7	131.
71.4	155.0	22920.1	32.0	-65.1	99.9	305.8	26.0	21.1	-15.2	556.7	999.9	99.9	999.9	88.8	131.
72.7	156.0	23314.0	30.0	-64.4	99.9	308.3	21.3	16.7	-13.2	569.2	999.9	99.9	999.9	90.5	131.
73.8	157.0	23956.9	27.0	-65.3	99.9	322.7	14.4	8.7	-11.4	583.9	999.9	99.9	999.9	91.7	131.
74.9	158.0	24424.3	25.0	-66.3	99.9	314.7	19.3	13.7	-13.6	594.1	999.9	99.9	999.9	92.7	131.
76.3	159.0	25199.5	22.0	-65.9	99.9	310.9	29.8	22.5	-19.5	617.4	999.9	99.9	999.9	94.8	131.
77.5	160.0	25781.0	20.0	-63.8	99.9	306.0	20.5	16.6	-12.0	640.9	999.9	99.9	999.9	97.0	131.
79.1	161.0	26428.8	18.0	-62.7	99.9	304.3	23.4	19.3	-13.2	664.0	999.9	99.9	999.9	98.8	131.
81.3	162.0	27557.1	15.0	-61.1	99.9	302.1	28.6	24.2	-15.2	704.9	999.9	99.9	999.9	102.1	130.
83.4	163.0	28449.7	13.0	-59.3	99.9	999.9	99.9	99.9	99.9	740.4	999.9	99.9	999.9	999.9	999.

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
1715 GMT

159 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MP	TEMP DG C	DEW FT DG C	DIP DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	392.0	975.3	-13.9	-22.0	280.0	7.2	7.1	-1.3	261.2	263.0	0.7	50.0	0.0	0.
0.4	9.0	472.4	965.0	-15.6	-23.4	292.7	9.2	8.4	-3.5	260.3	261.9	0.6	51.1	0.2	112.
0.7	10.0	550.9	955.0	-16.3	-23.2	296.6	9.4	8.4	-4.2	260.3	262.0	0.6	55.1	0.3	112.
1.1	11.0	653.9	942.0	-17.1	-23.6	305.5	9.8	8.0	-5.7	260.5	262.1	0.6	56.9	0.6	114.
1.4	12.0	733.9	932.0	-17.5	-23.7	315.3	10.1	7.1	-7.1	260.9	262.5	0.6	58.3	0.8	118.
1.7	13.0	822.7	921.0	-18.1	-23.6	323.4	10.3	6.2	-8.3	261.2	262.9	0.6	61.5	0.9	123.
2.1	14.0	904.2	911.0	-18.6	-24.0	330.5	10.6	5.2	-9.3	261.5	263.1	0.6	62.6	1.2	128.
2.4	15.0	986.4	901.0	-19.3	-24.4	330.3	10.5	5.2	-9.1	261.6	263.2	0.6	63.8	1.3	132.
2.8	16.0	1094.6	888.0	-19.0	-24.0	321.7	11.3	7.0	-8.9	263.0	264.6	0.6	64.4	1.6	134.
3.1	17.0	1179.1	878.0	-18.1	-24.3	314.8	12.5	8.9	-8.8	264.8	266.5	0.6	57.6	1.8	135.
3.4	18.0	1256.2	869.0	-17.0	-24.9	309.4	14.1	10.9	-8.9	266.7	268.3	0.6	49.9	2.0	134.
3.7	19.0	1343.3	859.0	-16.0	-22.9	307.1	14.7	11.7	-8.9	268.6	270.6	0.7	55.4	2.3	134.
4.0	20.0	1431.4	849.0	-16.6	-23.5	305.8	14.8	12.0	-8.7	269.0	270.8	0.7	54.7	2.6	133.
4.4	21.0	1538.3	837.0	-17.4	-24.5	306.8	15.2	12.2	-9.1	269.2	270.9	0.6	53.6	2.9	132.
4.7	22.0	1619.3	828.0	-17.7	-23.4	307.6	15.4	12.2	-9.4	269.7	271.7	0.7	60.8	3.2	132.
5.0	23.0	1710.2	818.0	-17.9	-31.9	308.4	15.6	12.2	-9.7	270.3	271.3	0.3	28.0	3.5	131.
5.4	24.0	1792.9	809.0	-18.1	-26.2	308.9	17.0	13.2	-10.7	271.1	272.6	0.6	48.8	3.8	131.
5.7	25.0	1885.8	799.0	-18.2	-30.4	308.0	18.0	14.2	-11.1	271.9	273.0	0.4	33.1	4.2	131.
6.1	26.0	1958.8	787.0	-18.2	-36.5	306.5	19.0	15.3	-11.3	273.0	273.7	0.2	18.2	4.6	131.
6.4	27.0	2084.7	778.0	-18.5	-39.8	306.4	19.4	15.6	-11.5	273.6	274.1	0.2	13.2	5.0	130.
6.7	28.0	2171.4	769.0	-19.0	-39.8	306.8	19.7	15.8	-11.8	274.0	274.4	0.2	13.9	5.3	130.
7.0	29.0	2268.8	759.0	-19.4	-38.4	307.4	20.0	15.9	-12.1	274.6	275.1	0.2	16.7	5.7	130.
7.3	30.0	2357.4	750.0	-19.4	-24.3	308.7	21.0	16.4	-13.2	275.6	277.6	0.7	65.0	6.0	130.
7.7	31.0	2447.1	741.0	-20.1	-22.2	309.5	22.2	17.1	-14.1	275.8	278.2	0.9	82.9	6.6	130.
8.0	32.0	2537.6	732.0	-20.6	-22.0	309.6	22.7	17.5	-14.5	276.2	278.7	0.9	88.8	7.0	130.
8.4	33.0	2629.0	723.0	-21.3	-22.7	309.0	22.8	17.7	-14.3	276.4	278.8	0.8	88.1	7.5	130.
8.7	34.0	2721.4	714.0	-21.7	-23.0	309.1	22.4	17.4	-14.2	276.9	279.3	0.8	88.9	8.0	130.
9.1	35.0	2814.8	705.0	-22.1	-26.7	310.2	21.6	16.5	-13.9	277.5	279.2	0.6	66.3	8.5	129.
9.5	36.0	2930.4	694.0	-22.3	-41.0	312.9	20.6	15.1	-14.0	278.5	279.0	0.1	15.3	9.0	129.
9.9	37.0	3026.7	685.0	-20.5	-40.2	316.4	20.3	14.0	-14.7	281.5	282.0	0.2	15.1	9.5	130.
10.2	38.0	3113.9	677.0	-18.8	-38.3	318.8	20.6	13.5	-15.5	284.4	285.0	0.2	15.0	9.8	130.
10.6	39.0	3213.7	668.0	-18.6	-38.4	321.5	21.3	13.2	-16.7	285.7	286.3	0.2	15.5	10.3	131.
11.0	40.0	3303.5	660.0	-18.9	-37.9	323.6	22.2	13.2	-17.8	286.4	287.0	0.2	16.7	10.8	131.
11.4	41.0	3428.6	649.0	-19.2	-38.1	324.5	22.6	13.1	-18.4	287.4	288.1	0.2	16.7	11.4	132.
11.8	42.0	3520.8	641.0	-19.8	-38.7	324.6	22.7	13.1	-18.5	287.7	288.3	0.2	16.7	11.9	133.
12.1	43.0	3625.6	632.0	-20.2	-39.0	324.4	22.5	13.1	-18.3	288.4	289.0	0.2	16.8	12.3	133.
12.4	44.0	3719.9	624.0	-20.8	-38.3	324.2	21.9	12.8	-17.8	288.8	289.5	0.2	18.9	12.7	133.
12.8	45.0	3815.2	616.0	-21.4	-37.5	323.7	20.9	12.4	-16.9	289.1	289.9	0.2	21.8	13.2	134.
13.2	46.0	3923.6	607.0	-21.8	-36.0	322.8	20.1	12.2	-16.0	289.9	290.8	0.3	26.1	13.7	134.
13.5	47.0	4008.8	600.0	-23.2	-38.0	321.8	19.7	12.2	-15.5	289.3	290.0	0.2	24.1	14.0	134.
13.8	48.0	4119.3	591.0	-23.9	-39.1	320.8	19.8	12.5	-15.3	289.8	290.4	0.2	22.9	14.4	134.
14.2	49.0	4218.7	583.0	-24.8	-36.3	320.2	20.0	12.8	-15.4	289.8	290.7	0.3	33.0	14.9	135.
14.6	50.0	4319.0	575.0	-25.7	-34.1	320.7	20.3	12.9	-15.7	289.9	291.0	0.4	45.1	15.3	135.
15.0	51.0	4445.9	565.0	-26.8	-34.2	321.9	20.6	12.7	-16.3	290.1	291.2	0.4	49.2	15.8	135.
15.3	52.0	4548.8	557.0	-26.9	-33.4	322.5	20.7	12.6	-16.5	291.1	292.4	0.4	54.0	16.2	135.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
1715 GMT

159 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COM M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM <sup>2</sup>	AZ DG
15.6	53.0	4639.9	550.0	-27.7	-33.4	322.8	20.7	12.1	-16.5	291.2	292.5	0.4	55.5	16.6	135.
16.0	54.0	4745.1	542.0	-28.5	-34.3	322.9	20.2	12.1	-16.1	291.5	292.7	0.4	57.3	17.1	136.
16.3	55.0	4851.5	534.0	-29.3	-34.8	322.7	19.6	11.9	-15.6	291.8	292.9	0.4	58.5	17.4	136.
16.8	56.0	4972.8	525.0	-30.1	-35.5	322.5	19.2	11.7	-15.2	292.2	293.4	0.3	58.9	18.0	136.
17.2	57.0	5081.9	517.0	-30.8	-36.2	322.6	19.6	11.9	-15.6	292.7	293.8	0.3	58.3	18.4	136.
17.5	58.0	5178.6	510.0	-31.3	-36.6	322.9	20.2	12.2	-16.1	293.2	294.2	0.3	58.8	18.8	136.
17.8	59.0	5290.5	502.0	-32.0	-37.2	323.2	20.8	12.5	-16.7	293.7	294.7	0.3	59.4	19.2	136.
18.2	60.0	5389.6	495.0	-32.8	-37.4	323.1	21.5	12.9	-17.2	293.9	294.9	0.3	62.9	19.7	137.
18.6	61.0	5489.7	488.0	-33.7	-37.9	322.4	21.8	13.1	-17.2	294.0	294.9	0.3	65.3	20.2	137.
19.0	62.0	5605.5	480.0	-34.5	-38.4	321.6	21.7	13.1	-17.0	294.4	295.3	0.3	66.9	20.8	137.
19.3	63.0	5693.3	474.0	-35.3	-39.1	321.6	21.5	13.1	-16.8	294.5	295.3	0.3	67.6	21.1	137.
19.7	64.0	5811.7	466.0	-36.0	-39.8	321.6	21.4	13.1	-16.8	295.0	295.9	0.3	67.1	21.6	137.
20.1	65.0	5916.8	459.0	-36.5	-40.8	321.7	21.7	13.1	-17.0	295.6	296.4	0.2	64.3	22.1	137.
20.6	66.0	6053.8	450.0	-37.3	-41.7	321.9	22.7	14.1	-17.9	296.3	297.0	0.2	63.0	22.7	137.
20.9	67.0	6146.3	444.0	-38.3	-42.6	322.4	23.5	14.1	-18.6	296.2	296.9	0.2	63.3	23.2	137.
21.3	68.0	6255.4	437.0	-39.4	-43.7	323.4	24.2	14.1	-19.4	296.2	296.8	0.2	62.8	23.8	137.
21.7	69.0	6365.8	430.0	-40.3	99.9	324.3	24.4	14.1	-19.8	296.4	999.9	99.9	999.9	24.4	138.
22.1	70.0	6477.5	423.0	-41.2	99.9	324.7	24.4	14.1	-19.9	296.7	999.9	99.9	999.9	24.9	138.
22.6	71.0	6607.0	415.0	-42.1	99.9	323.9	24.4	14.1	-19.7	297.1	999.9	99.9	999.9	25.7	138.
22.9	72.0	6721.9	408.0	-42.8	99.9	323.0	24.4	14.1	-19.5	297.6	999.9	99.9	999.9	26.1	138.
23.3	73.0	6834.3	401.0	-44.1	99.9	321.9	24.2	14.9	-19.0	297.4	999.9	99.9	999.9	26.7	138.
23.7	74.0	6939.3	395.0	-44.8	99.9	321.0	23.5	14.8	-18.3	297.8	999.9	99.9	999.9	27.3	138.
24.0	75.0	7058.6	388.0	-45.7	99.9	320.2	22.8	14.6	-17.5	298.2	999.9	99.9	999.9	27.7	138.
24.4	76.0	7162.3	382.0	-46.4	99.9	319.4	21.9	14.3	-16.7	298.6	999.9	99.9	999.9	28.3	138.
24.9	77.0	7267.3	376.0	-47.2	99.9	319.2	22.4	14.6	-17.0	298.9	999.9	99.9	999.9	28.8	138.
25.3	78.0	7373.5	370.0	-48.1	99.9	319.9	24.0	15.5	-18.3	299.1	999.9	99.9	999.9	29.4	138.
25.7	79.0	7490.3	363.0	-48.7	99.9	320.5	26.0	16.5	-20.0	300.0	999.9	99.9	999.9	30.0	138.
26.2	80.0	7608.7	357.0	-49.6	99.9	320.8	28.3	17.9	-21.9	300.2	999.9	99.9	999.9	30.8	138.
26.7	81.0	7738.1	350.0	-50.6	99.9	320.6	28.9	18.4	-22.4	300.5	999.9	99.9	999.9	31.7	138.
27.1	82.0	7888.4	342.0	-51.7	99.9	320.3	27.9	17.8	-21.5	301.0	999.9	99.9	999.9	32.5	139.
27.5	83.0	8002.9	336.0	-52.7	99.9	320.0	25.9	16.7	-19.9	301.2	999.9	99.9	999.9	33.1	139.
27.9	84.0	8119.1	330.0	-53.5	99.9	319.4	24.9	16.2	-18.9	301.7	999.9	99.9	999.9	33.6	139.
28.2	85.0	8217.3	325.0	-53.9	99.9	319.1	24.2	15.9	-18.3	302.3	999.9	99.9	999.9	34.1	139.
28.7	86.0	8356.8	318.0	-54.8	99.9	319.1	23.0	15.1	-17.4	303.1	999.9	99.9	999.9	34.9	139.
29.1	87.0	8478.5	312.0	-55.2	99.9	319.6	22.5	14.6	-17.1	304.1	999.9	99.9	999.9	35.4	139.
29.6	88.0	8602.4	306.0	-55.6	99.9	320.1	24.8	15.9	-19.0	305.3	999.9	99.9	999.9	35.9	139.
30.0	89.0	8707.4	301.0	-55.4	99.9	319.7	28.9	18.7	-22.1	307.0	999.9	99.9	999.9	36.4	139.
30.3	90.0	8835.9	295.0	-55.1	99.9	319.6	31.0	20.5	-23.3	309.2	999.9	99.9	999.9	37.2	139.
30.8	91.0	8944.9	290.0	-55.7	99.9	316.5	32.1	22.1	-23.3	309.8	999.9	99.9	999.9	38.2	139.
31.2	92.0	9078.0	284.0	-56.1	99.9	315.1	31.0	21.9	-22.0	311.2	999.9	99.9	999.9	39.0	139.
31.7	93.0	9190.8	279.0	-56.4	99.9	314.8	29.3	20.8	-20.6	312.3	999.9	99.9	999.9	39.9	138.
32.1	94.0	9305.6	274.0	-56.6	99.9	315.7	28.7	20.0	-20.5	313.6	999.9	99.9	999.9	40.6	138.
32.5	95.0	9422.4	269.0	-56.6	99.9	316.7	29.0	19.9	-21.1	315.3	999.9	99.9	999.9	41.1	138.
33.0	96.0	9590.2	262.0	-55.1	99.9	316.7	29.0	19.9	-21.1	319.9	999.9	99.9	999.9	42.2	138.
33.3	97.0	9713.5	257.0	-54.4	99.9	316.7	27.8	19.1	-20.3	322.6	999.9	99.9	999.9	42.7	138.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
1715 GMT

159 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.7	98.0	9839.5	252.0	-53.9	99.9	317.0	26.2	17.9	-19.2	325.1	999.9	99.9	999.9	43.3	138.
34.1	99.0	9968.1	247.0	-54.3	99.9	317.6	25.0	16.9	-18.5	326.5	999.9	99.9	999.9	43.9	138.
34.5	100.0	10099.5	242.0	-53.3	99.9	318.1	25.2	16.9	-18.7	329.9	999.9	99.9	999.9	44.5	138.
35.1	101.0	10261.4	236.0	-52.8	99.9	313.0	27.2	18.1	-20.2	333.0	999.9	99.9	999.9	45.3	138.
35.5	102.0	10399.8	231.0	-52.2	99.9	317.4	28.0	19.0	-20.6	336.0	999.9	99.9	999.9	46.2	138.
36.0	103.0	10541.3	226.0	-52.5	99.9	316.3	28.5	19.7	-20.6	337.6	999.9	99.9	999.9	46.9	138.
36.6	104.0	10656.9	222.0	-51.9	99.9	315.3	29.4	20.7	-20.9	340.3	999.9	99.9	999.9	47.9	138.
37.0	105.0	10804.3	217.0	-52.5	99.9	314.5	29.6	21.1	-20.7	341.6	999.9	99.9	999.9	48.8	138.
37.5	106.0	10924.7	213.0	-51.9	99.9	313.1	28.9	21.1	-19.7	344.4	999.9	99.9	999.9	49.4	138.
38.0	107.0	11078.8	208.0	-51.7	99.9	311.3	27.7	20.8	-18.3	347.0	999.9	99.9	999.9	50.5	138.
38.4	108.0	11204.8	204.0	-51.2	99.9	310.7	26.4	20.0	-17.2	349.6	999.9	99.9	999.9	51.1	138.
38.9	109.0	11333.6	200.0	-51.1	99.9	311.8	25.6	19.1	-17.0	351.9	999.9	99.9	999.9	51.8	138.
39.3	110.0	11458.3	195.0	-51.1	99.9	313.5	26.2	19.0	-18.1	354.4	999.9	99.9	999.9	52.4	138.
39.9	111.0	11667.2	190.0	-51.1	99.9	315.1	27.7	19.5	-19.6	357.1	999.9	99.9	999.9	53.3	138.
40.3	112.0	11805.6	186.0	-51.2	99.9	315.4	27.0	19.0	-19.2	359.0	999.9	99.9	999.9	54.1	138.
40.9	113.0	11946.9	182.0	-51.1	99.9	316.2	23.7	16.4	-17.1	361.5	999.9	99.9	999.9	55.0	138.
41.4	114.0	12091.5	178.0	-51.1	99.9	316.9	21.3	14.6	-15.6	363.8	999.9	99.9	999.9	55.7	138.
42.0	115.0	12239.3	174.0	-51.1	99.9	315.9	20.9	14.5	-15.0	366.2	999.9	99.9	999.9	56.4	138.
42.7	116.0	12429.4	169.0	-50.0	99.9	311.3	22.1	16.6	-14.6	371.0	999.9	99.9	999.9	57.3	138.
43.2	117.0	12586.0	165.0	-49.9	99.9	308.1	22.9	18.0	-14.1	373.8	999.9	99.9	999.9	58.0	137.
43.8	118.0	12746.3	161.0	-50.5	99.9	307.1	24.8	19.8	-14.9	375.4	999.9	99.9	999.9	58.6	137.
44.3	119.0	12910.1	157.0	-51.2	99.9	309.1	27.4	21.3	-17.3	376.8	999.9	99.9	999.9	59.5	137.
44.8	120.0	13035.4	154.0	-51.9	99.9	311.4	28.6	21.5	-18.9	377.9	999.9	99.9	999.9	60.4	137.
45.3	121.0	13205.9	150.0	-51.9	99.9	312.4	27.1	20.0	-13.3	380.7	999.9	99.9	999.9	61.4	137.
45.9	122.0	13381.1	146.0	-52.0	99.9	311.3	24.4	18.4	-16.1	383.4	999.9	99.9	999.9	62.2	137.
46.4	123.0	13515.4	143.0	-52.5	99.9	308.8	24.0	18.7	-15.1	384.9	999.9	99.9	999.9	62.9	137.
46.9	124.0	13698.7	139.0	-52.7	99.9	306.6	23.7	19.0	-14.1	387.7	999.9	99.9	999.9	63.7	137.
47.4	125.0	13839.6	136.0	-52.8	99.9	305.6	21.6	17.6	-12.6	389.9	999.9	99.9	999.9	64.3	137.
48.1	126.0	14031.5	132.0	-54.4	99.9	306.6	18.2	14.6	-10.8	390.3	999.9	99.9	999.9	65.2	136.
48.6	127.0	14228.3	128.0	-55.2	99.9	308.8	17.9	13.9	-11.2	392.3	999.9	99.9	999.9	65.5	136.
49.2	128.0	14379.5	125.0	-55.9	99.9	311.3	19.0	14.3	-12.5	393.8	999.9	99.9	999.9	66.3	136.
49.8	129.0	14534.3	122.0	-55.2	99.9	313.4	19.2	13.9	-13.2	397.7	999.9	99.9	999.9	67.0	136.
50.5	130.0	14693.4	119.0	-54.8	99.9	313.4	19.3	14.0	-13.3	401.5	999.9	99.9	999.9	67.7	136.
51.3	131.0	14912.8	115.0	-53.3	99.9	305.5	20.5	16.6	-11.9	408.1	999.9	99.9	999.9	68.7	136.
52.0	132.0	15083.1	112.0	-53.3	99.9	302.8	22.7	19.1	-12.3	411.2	999.9	99.9	999.9	69.5	136.
52.6	133.0	15257.8	109.0	-53.6	99.9	304.2	22.8	18.9	-12.8	413.8	999.9	99.9	999.9	70.4	136.
53.1	134.0	15498.1	105.0	-53.8	99.9	303.2	19.4	16.2	-10.6	418.0	999.9	99.9	999.9	71.3	136.
53.7	135.0	15684.2	102.0	-54.3	99.9	299.0	14.5	12.7	-7.0	420.5	999.9	99.9	999.9	71.7	136.
54.5	136.0	15875.9	99.0	-53.6	99.9	298.4	14.8	13.0	-7.0	425.4	999.9	99.9	999.9	72.0	136.
55.3	137.0	16140.7	95.0	-54.3	99.9	296.8	15.3	13.6	-6.9	429.2	999.9	99.9	999.9	73.1	135.
56.1	138.0	16346.6	92.0	-53.9	99.9	299.0	13.9	12.2	-6.8	433.8	999.9	99.9	999.9	73.5	135.
57.1	139.0	16559.5	89.0	-53.8	99.9	311.2	21.8	16.4	-14.4	438.2	999.9	99.9	999.9	74.6	135.
57.7	140.0	16854.5	85.0	-54.6	99.9	312.5	19.6	14.4	-13.2	442.4	999.9	99.9	999.9	75.6	135.
58.6	141.0	17084.1	82.0	-55.4	99.9	303.0	12.0	10.1	-6.5	445.3	999.9	99.9	999.9	76.2	135.
59.4	142.0	17321.1	79.0	-56.6	99.9	299.6	13.4	11.6	-6.6	447.6	999.9	99.9	999.9	76.7	135.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
1715 GMT

159 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.3	143.0	17566.7	76.0	-56.6	99.9	310.0	17.1	13.1	-11.0	452.6	999.9	99.9	999.9	77.7	135.
61.4	144.0	17821.7	73.0	-57.4	99.9	312.4	18.4	13.6	-12.4	456.0	999.9	99.9	999.9	78.8	135.
62.4	145.0	18086.2	70.0	-58.5	99.9	303.4	21.3	17.7	-11.7	459.3	999.9	99.9	999.9	80.0	135.
63.3	146.0	18361.1	67.0	-59.4	99.9	300.4	23.4	20.1	-11.8	463.2	999.9	99.9	999.9	81.2	134.
64.2	147.0	18648.1	64.0	-59.2	99.9	304.5	22.4	18.5	-12.7	469.7	999.9	99.9	999.9	82.4	134.
65.1	148.0	18949.0	61.0	-59.2	99.9	301.6	18.1	15.5	-9.5	476.2	999.9	99.9	999.9	83.6	134.
66.0	149.0	19264.5	58.0	-60.1	99.9	306.6	19.0	15.3	-11.3	481.1	999.9	99.9	999.9	84.4	134.
66.9	150.0	19595.1	55.0	-61.2	99.9	312.6	18.1	13.3	-12.3	485.9	999.9	99.9	999.9	85.3	134.
67.9	151.0	19944.1	52.0	-60.3	99.9	310.1	21.9	16.8	-14.1	495.9	999.9	99.9	999.9	86.7	134.
69.1	152.0	20315.5	49.0	-59.4	99.9	310.6	11.8	9.0	-7.7	506.6	999.9	99.9	999.9	88.2	134.
70.1	153.0	20711.0	46.0	-59.5	99.9	313.8	3.0	2.2	-2.1	515.4	999.9	99.9	999.9	88.4	134.
71.1	154.0	20987.7	44.0	-61.7	99.9	312.7	15.2	11.2	-10.3	516.6	999.9	99.9	999.9	88.4	134.
72.1	155.0	21425.0	41.0	-61.7	99.9	310.0	25.4	19.5	-15.3	527.1	999.9	99.9	999.9	90.2	134.
73.1	156.0	21892.9	38.0	-64.2	99.9	308.3	18.2	14.3	-11.3	532.4	999.9	99.9	999.9	91.4	134.
74.4	157.0	22395.4	35.0	-64.8	99.9	304.7	17.3	14.2	-9.8	543.5	999.9	99.9	999.9	92.7	134.
75.9	158.0	22755.7	33.0	-63.4	99.9	306.7	23.3	18.7	-13.9	556.4	999.9	99.9	999.9	94.3	133.
77.0	159.0	23339.3	30.0	-64.8	99.9	306.9	24.9	19.9	-14.9	568.0	999.9	99.9	999.9	95.9	133.
78.1	160.0	23979.1	27.0	-66.9	99.9	306.6	14.9	11.9	-8.9	579.6	999.9	99.9	999.9	97.6	133.
79.7	161.0	24695.1	24.0	-64.4	99.9	313.2	21.9	16.0	-15.0	606.6	999.9	99.9	999.9	99.1	133.
81.4	162.0	25233.5	22.0	-59.4	99.9	313.2	20.7	15.1	-14.2	636.9	999.9	99.9	999.9	100.8	133.
83.0	163.0	26150.1	19.0	-60.1	99.9	313.2	17.5	12.8	-12.0	662.0	999.9	99.9	999.9	103.4	133.
84.8	164.0	27223.2	16.0	-59.9	99.9	313.2	22.8	16.6	-15.6	695.9	999.9	99.9	999.9	105.2	133.
87.1	165.0	28530.3	13.0	-56.6	99.9	319.8	20.6	13.3	-15.7	749.9	999.9	99.9	999.9	108.6	133.
90.0	166.0	29592.1	11.0	-55.7	99.9	999.9	99.9	99.9	99.9	789.7	999.9	99.9	999.9	999.9	999.

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
2015 GMT

155 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	392.0	973.6	-10.6	-19.0	280.0	8.8	8.7	-1.5	264.7	267.0	0.9	50.0	0.0	0.
0.2	9.0	451.9	966.0	-14.2	-22.1	294.8	7.3	6.6	-3.0	261.6	263.4	0.7	50.8	0.3	114.
0.4	10.0	538.7	955.0	-14.7	-21.3	294.8	7.3	6.6	-3.0	261.9	263.9	0.7	56.9	0.3	114.
0.7	11.0	642.3	942.0	-15.7	-20.8	295.6	7.7	7.0	-3.3	262.0	264.0	0.8	64.4	0.4	114.
1.0	12.0	730.8	931.0	-16.5	-21.2	296.8	8.5	7.6	-3.8	262.0	264.0	0.8	67.2	0.5	115.
1.3	13.0	811.9	921.0	-17.3	-21.2	299.1	9.2	8.0	-4.5	262.0	264.0	0.8	72.0	0.7	115.
1.6	14.0	901.8	910.0	-18.0	-21.2	300.3	9.9	8.6	-5.0	262.2	264.2	0.8	76.2	0.8	116.
1.9	15.0	984.3	900.0	-18.7	-21.2	300.0	10.8	9.3	-5.4	262.3	264.4	0.8	80.3	1.0	117.
2.2	16.0	1092.9	887.0	-18.2	-20.0	301.7	11.3	9.6	-5.9	264.0	266.3	0.9	85.3	1.2	118.
2.4	17.0	1177.7	877.0	-17.8	-19.4	303.5	11.5	9.6	-6.3	265.3	267.8	1.0	89.1	1.4	118.
2.7	18.0	1272.2	866.0	-17.6	-18.7	306.0	11.8	9.6	-6.9	266.4	269.1	1.0	90.9	1.6	119.
3.0	19.0	1350.4	857.0	-17.8	-18.7	308.5	12.1	9.5	-7.5	267.0	269.7	1.0	92.0	1.8	120.
3.3	20.0	1447.2	846.0	-17.6	-18.8	309.7	12.7	9.8	-8.1	268.2	270.9	1.0	90.3	2.0	121.
3.6	21.0	1554.1	834.0	-17.8	-19.0	311.4	13.0	9.8	-8.6	269.1	271.9	1.0	90.1	2.2	122.
3.9	22.0	1644.3	824.0	-18.6	-19.9	314.5	12.8	9.1	-9.0	269.2	271.8	0.9	88.9	2.5	123.
4.1	23.0	1735.3	814.0	-19.1	-20.1	315.0	12.7	9.0	-9.0	269.5	272.1	0.9	91.5	2.6	124.
4.5	24.0	1827.2	804.0	-19.7	-20.8	312.8	12.9	9.5	-8.8	269.9	272.4	0.9	90.6	2.9	125.
4.7	25.0	1910.8	795.0	-19.9	-24.3	311.3	14.1	10.6	-9.3	270.5	272.3	0.7	67.8	3.1	125.
5.1	26.0	2023.6	783.0	-20.3	-30.2	309.5	16.3	12.6	-10.4	271.2	272.3	0.4	40.5	3.4	126.
5.4	27.0	2119.1	773.0	-18.6	-39.5	309.7	17.4	13.4	-11.1	274.0	274.5	0.2	13.8	3.8	126.
5.7	28.0	2216.3	763.0	-17.9	-38.9	309.1	18.4	14.3	-11.6	275.8	276.3	0.2	13.8	4.1	126.
6.1	29.0	2305.1	754.0	-17.9	-38.9	308.7	19.3	15.1	-12.1	276.7	277.3	0.2	13.8	4.5	127.
6.3	30.0	2404.9	744.0	-17.8	-38.8	309.6	19.4	14.9	-12.3	277.9	278.5	0.2	13.8	4.8	127.
6.7	31.0	2495.9	735.0	-17.9	-38.9	310.8	19.8	14.9	-12.9	278.8	279.3	0.2	13.8	5.2	127.
7.1	32.0	2588.1	726.0	-17.6	-38.7	311.5	20.4	15.3	-13.5	280.0	280.6	0.2	13.7	5.7	127.
7.4	33.0	2691.9	716.0	-17.6	-38.7	311.4	20.7	15.5	-13.7	281.2	281.7	0.2	13.7	6.1	128.
7.8	34.0	2786.6	707.0	-17.6	-38.7	311.1	20.4	15.4	-13.4	282.2	282.8	0.2	13.7	6.6	128.
8.1	35.0	2882.5	698.0	-17.6	-39.2	311.2	19.9	15.0	-13.1	283.2	283.8	0.2	13.2	7.0	128.
8.5	36.0	3001.4	687.0	-17.6	-40.1	312.2	18.8	14.0	-12.6	284.5	285.0	0.2	12.0	7.4	128.
8.9	37.0	3100.1	678.0	-17.9	-40.3	314.5	18.4	13.1	-12.9	285.3	285.8	0.2	12.0	7.8	128.
9.2	38.0	3199.9	669.0	-18.4	-39.4	316.1	18.5	12.8	-13.3	285.7	286.3	0.2	13.8	8.2	129.
9.5	39.0	3301.0	660.0	-18.4	-39.4	317.4	18.8	12.7	-13.9	286.9	287.5	0.2	13.8	8.5	129.
9.9	40.0	3403.3	651.0	-19.2	-40.0	317.4	20.0	13.6	-14.7	287.1	287.6	0.2	13.9	8.9	130.
10.2	41.0	3518.2	641.0	-20.2	-40.7	316.9	21.2	14.5	-15.5	287.3	287.8	0.2	14.0	9.3	130.
10.5	42.0	3622.9	632.0	-20.6	-41.0	316.2	22.5	15.6	-16.2	288.0	288.5	0.2	14.0	9.7	130.
10.9	43.0	3728.7	623.0	-21.8	-41.9	315.9	23.6	16.4	-16.9	287.8	288.3	0.2	14.1	10.2	131.
11.1	44.0	3835.7	614.0	-22.7	-42.6	316.0	23.8	16.5	-17.1	287.9	288.4	0.1	14.2	10.5	131.
11.4	45.0	3931.9	606.0	-23.0	-31.8	316.5	23.6	16.2	-17.1	288.7	290.1	0.4	43.9	11.0	131.
11.8	46.0	4041.5	597.0	-23.0	-30.3	317.3	23.4	15.8	-17.2	290.0	291.5	0.5	51.0	11.6	131.
12.1	47.0	4140.2	589.0	-23.9	-30.8	317.7	23.5	15.8	-17.3	290.0	291.5	0.5	52.8	11.9	131.
12.5	48.0	4240.0	581.0	-24.3	-30.9	317.5	24.3	16.4	-17.9	290.7	292.2	0.5	54.2	12.5	132.
12.8	49.0	4353.7	572.0	-25.0	-31.3	316.9	25.1	17.1	-18.3	291.2	292.6	0.5	52.5	13.0	132.
13.1	50.0	4455.9	564.0	-25.8	-31.3	316.5	25.7	17.7	-18.7	291.4	293.0	0.5	59.5	13.4	132.
13.5	51.0	4572.3	555.0	-27.0	-31.7	316.2	26.2	18.1	-13.9	291.4	292.9	0.5	63.8	14.0	132.
13.9	52.0	4690.0	546.0	-27.9	-33.1	316.7	26.4	18.1	-17.2	291.6	293.0	0.4	60.7	14.7	132.

\* BY SPFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
2015 GMT

155 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.2	53.0	4796.0	538.0	-28.3	-36.2	317.2	26.6	18.1	-19.5	292.4	293.4	0.3	46.2	15.2	132.
14.5	54.0	4903.4	530.0	-28.5	-39.2	317.7	26.9	18.1	-19.9	293.3	294.1	0.2	34.9	15.6	133.
14.9	55.0	5012.1	522.0	-29.6	-38.5	317.2	28.2	19.1	-20.7	293.3	294.2	0.3	41.4	16.2	133.
15.2	56.0	5136.1	513.0	-30.1	-38.2	316.0	29.1	20.2	-21.0	294.2	295.0	0.3	44.7	16.7	133.
15.6	57.0	5247.8	505.0	-30.9	-37.1	313.9	30.0	21.6	-20.8	294.5	295.5	0.3	54.1	17.5	133.
15.9	58.0	5361.0	497.0	-31.5	-37.4	312.0	29.8	22.1	-19.9	295.1	296.1	0.3	55.8	18.1	133.
16.2	59.0	5461.3	490.0	-32.2	-38.6	310.6	28.6	21.7	-18.6	295.5	296.4	0.3	52.8	18.7	133.
16.5	60.0	5577.2	482.0	-33.3	-40.0	309.5	27.0	20.8	-17.2	295.6	296.3	0.2	50.2	19.2	133.
16.9	61.0	5679.8	475.0	-34.2	-41.4	310.7	25.2	19.1	-16.5	295.7	296.3	0.2	47.7	19.7	133.
17.2	62.0	5798.6	467.0	-35.0	-43.4	312.5	24.8	18.3	-16.8	296.1	296.7	0.2	41.3	20.1	133.
17.6	63.0	5888.6	461.0	-35.9	-44.0	315.1	25.2	17.8	-17.8	296.0	296.6	0.2	42.8	20.7	133.
17.9	64.0	6010.1	453.0	-36.7	-44.2	316.3	25.9	17.9	-18.7	296.5	297.1	0.2	45.0	21.2	133.
18.3	65.0	6117.8	446.0	-37.5	-44.5	316.9	27.1	18.5	-19.8	296.8	297.4	0.2	47.3	21.8	133.
18.8	66.0	6258.1	437.0	-38.8	-45.5	316.7	28.9	19.8	-21.0	296.9	297.4	0.1	49.0	22.6	133.
19.1	67.0	6368.7	430.0	-39.6	-45.4	316.3	29.9	20.7	-21.6	297.2	297.7	0.1	53.9	23.1	133.
19.4	68.0	6480.8	423.0	-40.4	99.9	315.6	30.6	21.4	-21.9	297.6	999.9	99.9	999.9	23.8	133.
19.8	69.0	6594.3	416.0	-41.5	99.9	314.7	30.6	21.8	-21.5	297.7	999.9	99.9	999.9	24.6	133.
20.1	70.0	6709.2	409.0	-42.2	99.9	314.1	30.5	21.9	-21.2	298.2	999.9	99.9	999.9	25.1	133.
20.6	71.0	6842.6	401.0	-43.2	99.9	313.3	30.9	22.4	-21.2	298.7	999.9	99.9	999.9	25.9	133.
21.0	72.0	6960.9	394.0	-44.3	99.9	312.8	32.4	23.7	-22.0	298.7	999.9	99.9	999.9	26.7	133.
21.4	73.0	7063.5	388.0	-45.4	99.9	312.2	33.5	24.8	-22.5	298.6	999.9	99.9	999.9	27.4	133.
21.8	74.0	7184.8	381.0	-46.1	99.9	311.7	33.0	24.6	-21.9	299.2	999.9	99.9	999.9	28.4	133.
22.0	75.0	7307.8	374.0	-47.1	99.9	311.5	32.5	24.3	-21.5	299.5	999.9	99.9	999.9	28.9	133.
22.5	76.0	7414.6	368.0	-48.4	99.9	311.7	31.4	23.4	-20.9	299.1	999.9	99.9	999.9	29.6	133.
22.9	77.0	7540.8	361.0	-49.0	99.9	312.1	32.8	24.3	-22.0	300.0	999.9	99.9	999.9	30.3	133.
23.2	78.0	7650.6	355.0	-50.0	99.9	312.1	33.9	25.2	-22.8	300.0	999.9	99.9	999.9	31.0	133.
23.6	79.0	7761.8	349.0	-50.8	99.9	311.9	35.2	26.2	-23.5	300.5	999.9	99.9	999.9	31.9	133.
24.0	80.0	7874.6	343.0	-51.5	99.9	311.7	35.3	26.4	-23.5	301.0	999.9	99.9	999.9	32.8	133.
24.5	81.0	8027.3	335.0	-53.1	99.9	311.6	35.0	26.2	-23.2	300.9	999.9	99.9	999.9	33.7	133.
24.9	82.0	8143.6	329.0	-53.9	99.9	311.9	35.3	26.3	-23.6	301.4	999.9	99.9	999.9	34.7	133.
25.3	83.0	8261.5	323.0	-54.8	99.9	312.7	36.4	26.8	-24.7	301.7	999.9	99.9	999.9	35.4	133.
25.8	84.0	8381.1	317.0	-55.9	99.9	313.6	38.7	28.0	-25.7	301.7	999.9	99.9	999.9	36.5	133.
26.2	85.0	8502.5	311.0	-56.6	99.9	314.0	40.2	28.9	-27.9	302.5	999.9	99.9	999.9	37.5	133.
26.7	86.0	8646.5	304.0	-57.9	99.9	313.9	40.0	28.8	-27.7	302.6	999.9	99.9	999.9	38.8	133.
27.1	87.0	8751.0	299.0	-58.1	99.9	313.5	38.2	27.7	-26.3	303.8	999.9	99.9	999.9	39.8	133.
27.5	88.0	8878.6	293.0	-58.6	99.9	313.3	36.0	26.2	-24.7	304.9	999.9	99.9	999.9	40.6	133.
28.0	89.0	9008.9	287.0	-57.9	99.9	313.8	33.5	24.2	-23.2	307.6	999.9	99.9	999.9	41.6	133.
28.3	90.0	9142.2	281.0	-57.4	99.9	314.2	32.7	23.4	-22.8	310.2	999.9	99.9	999.9	42.3	133.
28.9	91.0	9255.8	276.0	-57.1	99.9	314.4	32.9	23.5	-23.0	312.3	999.9	99.9	999.9	43.2	133.
29.3	92.0	9371.4	271.0	-57.2	99.9	313.6	34.0	24.6	-23.4	313.7	999.9	99.9	999.9	44.2	133.
29.7	93.0	9489.3	266.0	-57.1	99.9	312.6	34.5	25.4	-23.4	315.6	999.9	99.9	999.9	45.1	133.
30.1	94.0	9633.9	260.0	-56.2	99.9	311.6	34.2	25.6	-22.7	318.9	999.9	99.9	999.9	45.8	133.
30.6	95.0	9757.8	255.0	-54.5	99.9	310.9	32.3	24.4	-21.1	323.2	999.9	99.9	999.9	46.9	133.
31.1	96.0	9910.5	249.0	-53.9	99.9	311.0	29.3	22.1	-19.2	326.4	999.9	99.9	999.9	47.9	133.
31.6	97.0	10041.0	244.0	-53.2	99.9	312.4	27.6	20.4	-18.6	329.2	999.9	99.9	999.9	48.6	133.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
MURON, S D

6 FEBRUARY 1975  
2015 GMT

155 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
32.1	98.0	10174.4	239.0	-53.2	99.9	314.5	28.6	20.4	-20.0	331.2	999.9	99.9	999.9	49.3	133.
32.6	99.0	10310.6	234.0	-53.1	99.9	315.6	29.4	20.6	-21.0	333.4	999.9	99.9	999.9	50.4	133.
33.0	100.0	10449.9	229.0	-53.1	99.9	315.7	28.5	19.1	-20.4	335.5	999.9	99.9	999.9	51.1	133.
33.5	101.0	10621.2	223.0	-52.6	99.9	314.1	28.1	20.1	-19.5	338.8	999.9	99.9	999.9	51.9	133.
34.1	102.0	10768.0	218.0	-51.7	99.9	310.6	31.4	23.1	-20.5	342.4	999.9	99.9	999.9	52.8	133.
34.5	103.0	10888.1	214.0	-51.7	99.9	308.9	33.8	26.1	-21.2	344.2	999.9	99.9	999.9	53.7	133.
35.1	104.0	11041.6	209.0	-51.4	99.9	307.7	33.7	26.1	-20.6	347.0	999.9	99.9	999.9	55.0	133.
35.5	105.0	11167.2	205.0	-51.1	99.9	307.2	32.7	26.1	-19.8	349.4	999.9	99.9	999.9	55.6	133.
36.1	106.0	11328.0	200.0	-50.6	99.9	306.8	29.9	23.1	-17.9	352.6	999.9	99.9	999.9	57.0	133.
36.5	107.0	11459.6	196.0	-50.8	99.9	306.8	27.5	22.1	-15.5	354.4	999.9	99.9	999.9	57.6	133.
37.1	108.0	11628.2	191.0	-50.0	99.9	307.8	27.3	21.1	-15.7	358.2	999.9	99.9	999.9	58.5	133.
37.7	109.0	11766.5	187.0	-49.9	99.9	308.0	28.9	22.1	-17.8	360.6	999.9	99.9	999.9	59.5	133.
38.1	110.0	11907.9	183.0	-49.9	99.9	308.2	28.4	22.1	-17.5	362.9	999.9	99.9	999.9	60.4	132.
38.9	111.0	12089.4	178.0	-49.2	99.9	311.6	24.8	18.1	-15.5	367.0	999.9	99.9	999.9	61.5	132.
39.3	112.0	12238.6	174.0	-49.0	99.9	313.8	24.6	17.1	-17.0	369.6	999.9	99.9	999.9	62.1	132.
39.9	113.0	12391.3	170.0	-49.0	99.9	315.2	25.1	17.1	-17.8	372.1	999.9	99.9	999.9	62.9	132.
40.4	114.0	12547.2	166.0	-50.0	99.9	315.2	25.2	17.1	-17.9	372.9	999.9	99.9	999.9	63.7	133.
40.9	115.0	12706.2	162.0	-51.1	99.9	315.6	23.5	16.1	-16.8	373.7	999.9	99.9	999.9	64.5	133.
41.6	116.0	12909.9	157.0	-51.7	99.9	315.7	19.7	13.1	-14.1	376.1	999.9	99.9	999.9	65.5	133.
42.1	117.0	13077.2	153.0	-51.8	99.9	313.9	20.5	14.8	-14.2	378.6	999.9	99.9	999.9	65.8	133.
42.7	118.0	13248.7	149.0	-52.5	99.9	311.9	26.3	19.5	-17.6	380.4	999.9	99.9	999.9	66.7	133.
43.2	119.0	13380.3	146.0	-52.3	99.9	310.2	30.1	23.0	-19.4	382.9	999.9	99.9	999.9	67.6	133.
43.9	120.0	13560.0	142.0	-52.3	99.9	306.8	29.5	23.6	-17.7	386.0	999.9	99.9	999.9	69.0	133.
44.2	121.0	13697.9	139.0	-52.9	99.9	305.9	27.9	22.6	-16.4	387.3	999.9	99.9	999.9	69.5	132.
44.9	122.0	13886.2	135.0	-53.1	99.9	306.6	22.4	18.0	-13.3	390.2	999.9	99.9	999.9	70.6	132.
45.3	123.0	14031.1	132.0	-53.1	99.9	308.5	19.0	14.8	-11.8	392.7	999.9	99.9	999.9	71.2	132.
46.0	124.0	14179.2	129.0	-53.2	99.9	311.9	17.3	12.8	-11.5	395.1	999.9	99.9	999.9	71.4	132.
46.5	125.0	14381.8	125.0	-54.0	99.9	312.3	19.4	14.4	-13.1	397.2	999.9	99.9	999.9	72.4	132.
47.3	126.0	14537.5	122.0	-54.6	99.9	310.8	20.4	15.4	-13.3	398.8	999.9	99.9	999.9	73.2	132.
48.1	127.0	14750.8	118.0	-54.6	99.9	305.8	21.9	17.8	-12.8	402.7	999.9	99.9	999.9	74.2	132.
48.7	128.0	14915.4	115.0	-55.3	99.9	303.0	24.1	20.2	-13.1	404.5	999.9	99.9	999.9	75.0	132.
49.4	129.0	15083.7	112.0	-56.2	99.9	303.6	29.4	24.5	-16.3	405.7	999.9	99.9	999.9	75.9	132.
50.0	130.0	15256.8	109.0	-54.8	99.9	304.7	31.2	25.6	-17.7	411.6	999.9	99.9	999.9	77.5	132.
50.8	131.0	15495.4	105.0	-55.8	99.9	300.9	22.7	19.5	-11.7	414.2	999.9	99.9	999.9	78.7	132.
51.3	132.0	15679.8	102.0	-56.2	99.9	296.6	19.4	17.3	-8.7	416.7	999.9	99.9	999.9	79.1	132.
51.9	133.0	15869.3	99.0	-56.6	99.9	296.5	19.8	17.7	-8.8	419.7	999.9	99.9	999.9	79.8	132.
52.5	134.0	15998.8	97.0	-56.4	99.9	300.9	21.7	18.6	-11.2	422.4	999.9	99.9	999.9	80.5	131.
53.2	135.0	16198.5	94.0	-55.9	99.9	306.0	23.2	18.8	-13.7	427.2	999.9	99.9	999.9	81.5	131.
54.0	136.0	16405.5	91.0	-54.6	99.9	307.3	26.2	20.9	-15.9	433.7	999.9	99.9	999.9	82.5	131.
54.7	137.0	16653.1	87.0	-54.8	99.9	304.5	23.4	19.3	-13.2	439.0	999.9	99.9	999.9	83.9	131.
55.4	138.0	16917.0	84.0	-55.9	99.9	299.0	18.9	16.5	-9.2	441.2	999.9	99.9	999.9	84.4	131.
56.1	139.0	17147.9	81.0	-56.9	99.9	295.4	16.9	15.3	-7.3	443.8	999.9	99.9	999.9	85.4	131.
57.0	140.0	17386.3	78.0	-58.1	99.9	300.6	14.8	12.8	-7.5	446.2	999.9	99.9	999.9	85.8	131.
57.9	141.0	17633.4	75.0	-58.1	99.9	305.9	20.6	16.6	-12.1	451.2	999.9	99.9	999.9	87.0	131.
58.6	142.0	17890.7	72.0	-57.9	99.9	306.1	17.4	14.0	-10.2	456.9	999.9	99.9	999.9	88.1	131.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 654  
HUPON, S D

6 FEBRUARY 1975  
2015 GMT

155 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
59.5	143.0	18159.9	69.0	-56.6	99.9	313.4	13.7	10.0	-9.4	465.3	999.9	99.9	999.9	88.8	131.
60.4	144.0	18346.2	67.0	-57.2	99.9	320.9	13.2	8.3	-10.2	467.8	999.9	99.9	999.9	89.1	131.
61.1	145.0	18635.5	64.0	-57.9	99.9	318.3	17.9	11.9	-13.4	472.5	999.9	99.9	999.9	90.1	131.
61.9	146.0	18937.6	61.0	-58.7	99.9	313.3	23.9	17.4	-14.4	477.2	999.9	99.9	999.9	90.9	131.
62.7	147.0	19253.7	58.0	-59.6	99.9	311.2	21.4	16.1	-14.1	482.2	999.9	99.9	999.9	92.3	131.
64.1	148.0	19474.9	56.0	-56.2	99.9	306.2	16.2	13.1	-9.6	494.7	999.9	99.9	999.9	93.5	131.
65.5	149.0	19824.5	53.0	-56.6	99.9	302.1	24.3	20.6	-12.9	501.8	999.9	99.9	999.9	95.1	131.
66.5	150.0	20192.2	50.0	-58.9	99.9	303.8	22.8	19.6	-11.7	504.7	999.9	99.9	999.9	96.8	131.
67.3	151.0	20448.1	48.0	-59.4	99.9	295.1	14.4	13.0	-6.1	509.4	999.9	99.9	999.9	97.6	131.
68.2	152.0	20850.8	45.0	-60.8	99.9	292.4	16.6	15.4	-6.3	515.5	999.9	99.9	999.9	98.2	130.
69.2	153.0	21278.1	42.0	-62.6	99.9	287.8	13.8	13.1	-4.2	521.3	999.9	99.9	999.9	99.3	130.
70.4	154.0	21577.9	40.0	-64.1	99.9	305.6	18.8	15.3	-11.0	524.9	999.9	99.9	999.9	100.0	130.
71.6	155.0	22055.3	37.0	-64.1	99.9	310.0	18.1	13.8	-11.6	536.7	999.9	99.9	999.9	101.9	130.
72.7	156.0	22393.5	35.0	-66.6	99.9	310.0	27.3	20.9	-17.5	538.7	999.9	99.9	999.9	102.9	130.
74.0	157.0	23128.0	31.0	-66.4	99.9	310.0	17.1	13.1	-11.0	558.3	999.9	99.9	999.9	105.2	130.
75.3	158.0	23327.9	30.0	-63.5	99.9	314.5	9.8	7.0	-5.8	571.4	999.9	99.9	999.9	105.8	130.
76.5	159.0	23976.0	27.0	-62.8	99.9	16.2	5.5	-1.5	-5.3	591.0	999.9	99.9	999.9	106.4	130.
78.1	160.0	24453.6	25.0	-59.8	99.9	317.9	20.6	13.8	-15.3	612.9	999.9	99.9	999.9	107.6	130.
79.9	161.0	25245.5	22.0	-63.5	99.9	310.6	11.9	9.0	-7.7	624.5	999.9	99.9	999.9	110.1	130.
82.0	162.0	25836.0	20.0	-59.8	99.9	999.9	99.9	99.9	99.9	653.3	999.9	99.9	999.9	999.9	999.

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
2315 GMT

144 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	392.0	571.9	-12.8	-20.3	300.0	6.2	5.4	-3.1	262.6	264.6	0.8	53.0	0.0	0.
0.3	9.0	454.2	564.0	-13.2	-19.6	285.4	8.8	8.5	-2.3	262.8	265.0	0.8	58.6	0.2	116.
0.5	10.0	533.5	954.0	-14.2	-19.4	285.4	8.8	8.5	-2.3	262.6	264.8	0.9	64.4	0.2	116.
0.9	11.0	645.5	940.0	-15.0	-19.2	285.9	8.6	8.3	-2.4	262.8	265.2	0.9	70.5	0.4	111.
1.2	12.0	734.4	929.0	-16.0	-19.3	287.0	8.3	8.0	-2.4	262.7	265.0	0.9	74.1	0.6	110.
1.5	13.0	815.9	919.0	-16.4	-18.7	288.5	8.0	7.5	-2.5	263.1	265.6	0.9	82.6	0.7	109.
1.9	14.0	906.4	908.0	-16.8	-19.1	297.1	8.3	7.4	-3.8	263.6	266.1	0.9	82.5	0.9	109.
2.1	15.0	998.2	897.0	-15.7	-20.8	302.1	8.7	7.4	-4.6	265.6	267.8	0.8	64.7	1.0	110.
2.5	16.0	1108.4	884.0	-15.2	-21.3	312.1	10.1	7.5	-5.7	267.3	269.5	0.8	59.3	1.2	113.
2.8	17.0	1194.3	874.0	-16.0	-21.4	314.0	10.7	7.7	-7.4	267.3	269.5	0.8	62.8	1.4	116.
3.1	18.0	1281.0	864.0	-16.1	-24.8	314.7	11.0	7.8	-7.8	268.0	269.7	0.6	47.2	1.6	119.
3.4	19.0	1377.5	853.0	-16.1	-24.3	313.4	10.9	7.9	-7.5	269.0	270.8	0.6	50.5	1.8	120.
3.6	20.0	1466.1	843.0	-17.4	-23.5	313.4	10.6	7.7	-7.3	268.7	270.5	0.7	58.7	1.9	121.
4.0	21.0	1582.5	830.0	-17.5	-22.7	315.4	9.9	7.0	-7.1	269.7	271.7	0.7	63.5	2.2	123.
4.4	22.0	1673.2	820.0	-18.3	-23.6	315.5	11.8	8.3	-8.4	269.8	271.7	0.7	63.1	2.4	124.
4.7	23.0	1764.7	810.0	-18.7	-27.9	315.1	13.2	9.3	-9.4	270.3	271.6	0.5	44.0	2.6	125.
4.9	24.0	1848.2	801.0	-17.5	-44.2	314.8	14.1	10.1	-10.0	272.4	272.7	0.1	7.6	2.8	126.
5.2	25.0	1951.8	790.0	-17.0	-48.3	314.9	14.8	10.1	-10.5	274.0	274.2	0.1	4.6	3.1	126.
5.5	26.0	2057.1	779.0	-17.0	-57.3	315.4	15.1	10.6	-10.8	275.1	275.2	0.0	1.5	3.3	127.
5.8	27.0	2154.1	769.0	-16.6	-57.5	317.3	15.8	10.7	-11.6	276.6	276.7	0.0	1.4	3.6	128.
6.2	28.0	2252.5	759.0	-16.3	-57.6	320.0	16.3	10.5	-11.5	277.9	278.0	0.0	1.4	4.0	129.
6.4	29.0	2352.2	749.0	-16.6	-57.6	321.5	16.4	10.2	-11.8	278.7	278.8	0.0	1.4	4.2	129.
6.7	30.0	2443.1	740.0	-16.6	-57.6	321.7	16.6	10.3	-13.1	279.7	279.7	0.0	1.4	4.5	130.
7.0	31.0	2545.5	730.0	-15.9	-57.5	321.0	16.9	10.6	-13.1	281.5	281.6	0.0	1.4	4.8	131.
7.3	32.0	2639.0	721.0	-15.9	-57.5	320.4	17.2	11.0	-13.3	282.5	282.6	0.0	1.4	5.1	132.
7.7	33.0	2744.2	711.0	-16.1	-57.5	319.4	17.5	11.4	-13.3	283.3	283.4	0.0	1.4	5.5	132.
7.9	34.0	2840.0	702.0	-16.6	-40.5	318.8	17.6	11.6	-13.2	283.9	284.4	0.2	10.3	5.7	132.
8.2	35.0	2947.6	692.0	-17.6	-32.3	318.0	17.5	11.7	-13.0	283.9	285.0	0.4	26.4	6.0	133.
8.5	36.0	3067.4	681.0	-18.3	-29.0	317.2	17.3	11.8	-12.7	284.5	286.0	0.5	38.3	6.3	133.
8.8	37.0	3166.6	672.0	-19.1	-28.5	316.6	17.5	12.1	-12.7	284.6	286.3	0.5	43.2	6.6	133.
9.2	38.0	3266.8	663.0	-19.7	-27.8	315.9	18.3	12.7	-13.1	285.1	286.9	0.6	48.0	7.0	133.
9.5	39.0	3356.9	655.0	-20.2	-28.8	315.4	19.2	13.5	-13.6	285.5	287.1	0.5	46.1	7.3	134.
9.7	40.0	3459.4	646.0	-20.6	-29.3	315.0	19.8	14.0	-14.0	286.2	287.8	0.5	46.7	7.6	134.
10.1	41.0	3586.2	635.0	-21.7	-29.5	314.6	20.9	14.9	-14.7	286.4	287.9	0.5	48.3	8.1	134.
10.4	42.0	3691.2	626.0	-22.4	-27.3	314.6	21.5	15.3	-15.1	286.8	288.6	0.6	61.2	8.5	134.
10.7	43.0	3797.5	617.0	-22.9	-26.3	315.0	21.8	15.4	-15.4	287.4	289.5	0.7	73.3	8.9	134.
11.0	44.0	3893.3	609.0	-22.8	-25.7	315.7	22.1	15.4	-15.8	288.6	290.9	0.8	76.6	9.3	134.
11.3	45.0	4002.4	600.0	-23.2	-27.5	316.5	22.3	15.3	-16.2	289.4	291.4	0.7	67.0	9.7	134.
11.6	46.0	4100.6	592.0	-23.7	-28.8	317.2	22.4	15.3	-16.5	289.8	291.7	0.6	62.2	10.1	134.
11.9	47.0	4212.4	583.0	-24.5	-29.2	317.5	22.6	15.3	-15.7	290.2	292.0	0.6	64.5	10.5	134.
12.3	48.0	4312.9	575.0	-25.4	-29.3	317.8	23.3	15.6	-17.2	290.3	292.1	0.6	71.7	11.0	134.
12.7	49.0	4414.5	567.0	-26.2	-29.1	318.3	24.4	16.3	-13.2	290.5	292.3	0.6	76.1	11.6	134.
13.0	50.0	4517.1	559.0	-27.0	-30.3	318.8	25.6	16.9	-19.3	290.7	292.4	0.5	73.3	12.0	135.
13.3	51.0	4647.1	549.0	-27.7	-31.2	319.7	27.0	17.5	-20.6	291.4	293.0	0.5	71.7	12.5	135.
13.7	52.0	4752.6	541.0	-28.3	-32.0	320.6	28.4	18.0	-21.9	291.9	293.4	0.5	70.1	13.2	135.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654

MURON, S D

6 FEBRUARY 1975

2315 GMT

144 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.0	53.0	4872.7	532.0	-29.0	-37.9	321.1	29.2	18.4	-22.7	292.5	293.3	0.3	41.6	13.7	135.
14.4	54.0	4967.4	525.0	-29.5	-41.4	320.8	29.8	18.8	-23.1	292.9	293.6	0.2	30.2	14.4	136.
14.7	55.0	5076.9	517.0	-29.8	-42.7	320.3	29.8	19.0	-22.9	293.9	294.5	0.2	26.9	14.9	136.
15.1	56.0	5215.8	507.0	-30.9	-45.1	319.6	29.2	18.9	-22.2	294.1	294.5	0.1	23.2	15.7	136.
15.3	57.0	5314.2	500.0	-32.1	-46.1	319.5	28.4	18.4	-21.6	293.8	294.2	0.1	23.3	16.1	136.
15.6	58.0	5427.9	492.0	-32.9	-46.7	319.9	27.2	17.5	-20.8	294.2	294.6	0.1	23.4	16.6	136.
16.0	59.0	5543.0	484.0	-34.0	-47.2	322.1	25.5	15.6	-20.1	294.3	294.7	0.1	24.6	17.2	136.
16.3	60.0	5644.9	477.0	-35.0	-47.9	325.4	25.6	14.5	-21.0	294.2	294.6	0.1	25.4	17.6	136.
16.6	61.0	5747.7	470.0	-36.1	-48.2	328.5	26.2	13.7	-22.4	294.1	294.5	0.1	27.1	18.0	137.
17.0	62.0	5867.0	462.0	-36.0	-49.3	332.1	28.4	13.3	-25.1	295.7	296.0	0.1	23.5	18.6	137.
17.4	63.0	5973.0	455.0	-36.2	-51.2	333.3	30.7	13.8	-27.4	296.7	296.9	0.1	19.5	19.3	138.
17.7	64.0	6095.9	447.0	-36.9	-53.2	333.2	31.8	14.4	-28.4	297.4	297.6	0.1	16.3	19.9	138.
18.0	65.0	6189.2	441.0	-38.0	-54.3	332.6	32.7	15.1	-29.0	297.1	297.3	0.0	15.0	20.5	139.
18.5	66.0	6330.9	432.0	-38.9	-55.5	330.1	33.2	16.5	-23.8	297.7	297.9	0.0	15.1	21.4	139.
18.8	67.0	6442.8	425.0	-39.9	-56.3	328.5	33.5	17.5	-23.5	297.9	298.0	0.0	15.2	22.0	140.
19.3	68.0	6555.9	418.0	-41.3	99.9	326.2	34.0	18.9	-28.2	297.6	999.9	99.9	999.9	23.0	140.
19.6	69.0	6670.4	411.0	-42.1	99.9	325.4	34.4	19.5	-28.3	298.0	999.9	99.9	999.9	23.6	140.
19.9	70.0	6786.4	404.0	-43.2	99.9	325.1	34.8	19.9	-28.6	298.0	999.9	99.9	999.9	24.2	140.
20.4	71.0	6920.9	396.0	-44.2	99.9	325.8	35.8	20.1	-29.6	298.4	999.9	99.9	999.9	25.3	140.
20.7	72.0	7040.1	389.0	-45.4	99.9	326.5	36.5	20.1	-30.4	298.3	999.9	99.9	999.9	26.0	140.
21.1	73.0	7161.0	382.0	-46.4	99.9	327.3	37.6	20.3	-31.6	298.5	999.9	99.9	999.9	26.8	141.
21.5	74.0	7265.9	376.0	-47.5	99.9	327.5	38.7	20.8	-32.7	298.6	999.9	99.9	999.9	27.7	141.
21.9	75.0	7389.9	369.0	-48.3	99.9	327.2	39.4	21.3	-33.1	299.0	999.9	99.9	999.9	28.7	141.
22.3	76.0	7497.6	363.0	-49.1	99.9	326.7	39.5	21.7	-33.1	299.4	999.9	99.9	999.9	29.6	141.
22.6	77.0	7625.2	356.0	-50.0	99.9	326.4	39.4	21.8	-32.8	299.9	999.9	99.9	999.9	30.3	141.
23.1	78.0	7736.0	350.0	-51.0	99.9	326.1	38.7	21.6	-32.1	299.9	999.9	99.9	999.9	31.6	142.
23.5	79.0	7848.3	344.0	-51.8	99.9	326.0	38.2	21.4	-31.7	300.4	999.9	99.9	999.9	32.4	142.
23.9	80.0	7962.1	338.0	-52.9	99.9	326.4	37.7	20.8	-31.4	300.4	999.9	99.9	999.9	33.3	142.
24.4	81.0	8116.3	330.0	-54.0	99.9	327.6	36.4	19.5	-30.8	301.0	999.9	99.9	999.9	34.5	142.
24.7	82.0	8214.2	325.0	-54.6	99.9	328.5	35.8	18.7	-30.5	301.4	999.9	99.9	999.9	35.2	142.
25.2	83.0	8333.3	319.0	-55.3	99.9	329.6	35.4	17.9	-30.5	302.1	999.9	99.9	999.9	36.1	142.
25.5	84.0	8454.3	313.0	-55.7	99.9	329.7	35.6	18.0	-30.8	303.1	999.9	99.9	999.9	36.7	143.
25.8	85.0	8577.8	307.0	-54.9	99.9	328.8	35.8	18.5	-30.7	305.9	999.9	99.9	999.9	37.4	143.
26.3	86.0	8725.1	300.0	-55.3	99.9	327.2	35.4	19.2	-29.8	307.5	999.9	99.9	999.9	38.5	143.
26.6	87.0	8853.9	294.0	-55.7	99.9	326.2	34.8	19.4	-29.9	308.6	999.9	99.9	999.9	39.2	143.
27.1	88.0	8963.2	289.0	-55.7	99.9	324.6	33.8	19.6	-27.6	310.1	999.9	99.9	999.9	40.1	143.
27.5	89.0	9096.9	283.0	-55.4	99.9	323.6	33.2	19.7	-26.8	312.4	999.9	99.9	999.9	41.0	143.
27.9	90.0	9210.5	278.0	-55.7	99.9	323.1	33.7	20.2	-26.9	313.5	999.9	99.9	999.9	41.8	143.
28.3	91.0	9349.4	272.0	-55.7	99.9	322.9	35.7	21.6	-23.5	315.5	999.9	99.9	999.9	42.5	143.
28.7	92.0	9467.7	267.0	-55.3	99.9	322.5	38.1	23.2	-30.3	317.9	999.9	99.9	999.9	43.3	143.
29.3	93.0	9613.0	261.0	-54.6	99.9	321.3	38.7	24.2	-30.2	320.9	999.9	99.9	999.9	45.0	143.
29.7	94.0	9762.2	255.0	-53.5	99.9	319.8	36.5	23.6	-27.9	324.7	999.9	99.9	999.9	45.9	143.
30.2	95.0	9889.6	250.0	-53.5	99.9	317.2	33.0	22.8	-24.6	326.5	999.9	99.9	999.9	46.8	143.
30.7	96.0	10072.6	243.0	-52.9	99.9	315.0	32.0	22.6	-22.6	330.1	999.9	99.9	999.9	47.8	143.
31.1	97.0	10179.7	239.0	-53.0	99.9	314.1	31.0	22.3	-21.6	331.5	999.9	99.9	999.9	48.5	142.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
2315 GMT

144 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
31.6	98.0	10315.9	234.0	-53.3	99.9	314.4	29.2	20.9	-21.4	333.0	999.9	99.9	999.9	49.5	142.
32.0	99.0	10454.9	229.0	-53.3	99.9	315.0	27.3	19.3	-17.3	335.1	999.9	99.9	999.9	50.2	142.
32.5	100.0	10597.2	224.0	-52.9	99.9	315.2	27.1	19.1	-17.2	337.9	999.9	99.9	999.9	50.9	142.
33.1	101.0	10772.4	218.0	-52.9	99.9	313.8	29.7	21.4	-20.6	340.6	999.9	99.9	999.9	51.8	142.
33.6	102.0	10921.9	213.0	-53.3	99.9	312.7	31.9	23.4	-21.6	342.1	999.9	99.9	999.9	52.9	142.
34.1	103.0	11044.1	209.0	-53.2	99.9	313.4	33.8	24.6	-23.2	344.2	999.9	99.9	999.9	53.7	142.
34.6	104.0	11200.1	204.0	-53.0	99.9	315.2	34.6	24.4	-24.5	346.8	999.9	99.9	999.9	54.9	141.
35.1	105.0	11327.9	200.0	-52.6	99.9	316.8	32.3	22.1	-23.5	349.5	999.9	99.9	999.9	56.0	141.
35.5	106.0	11491.7	195.0	-52.1	99.9	318.0	29.4	19.7	-21.9	352.8	999.9	99.9	999.9	56.7	141.
36.1	107.0	11625.9	191.0	-52.1	99.9	318.8	30.8	20.3	-23.1	354.9	999.9	99.9	999.9	57.5	141.
36.5	108.0	11797.6	186.0	-52.3	99.9	318.4	34.2	22.7	-25.5	357.4	999.9	99.9	999.9	58.3	141.
37.0	109.0	11938.2	182.0	-52.4	99.9	317.7	35.5	23.9	-26.2	359.4	999.9	99.9	999.9	59.5	141.
37.5	110.0	12082.0	178.0	-51.9	99.9	318.1	30.9	20.6	-23.0	362.4	999.9	99.9	999.9	60.8	141.
38.3	111.0	12266.6	173.0	-51.9	99.9	319.2	23.3	15.2	-17.6	365.4	999.9	99.9	999.9	61.8	141.
38.8	112.0	12418.1	169.0	-52.4	99.9	317.4	22.4	15.2	-16.5	367.1	999.9	99.9	999.9	62.4	141.
39.5	113.0	12573.0	165.0	-52.1	99.9	314.2	26.6	19.1	-18.6	370.1	999.9	99.9	999.9	63.3	141.
40.0	114.0	12731.9	161.0	-52.3	99.9	313.2	31.7	23.1	-21.7	372.4	999.9	99.9	999.9	64.1	141.
40.5	115.0	12894.6	157.0	-52.4	99.9	312.0	32.7	24.3	-21.9	374.9	999.9	99.9	999.9	65.5	141.
41.1	116.0	13061.4	153.0	-52.6	99.9	311.2	30.1	22.6	-19.8	377.4	999.9	99.9	999.9	66.4	141.
41.6	117.0	13232.4	149.0	-53.0	99.9	311.6	28.8	21.5	-19.1	379.4	999.9	99.9	999.9	67.2	140.
42.1	118.0	13407.8	145.0	-53.3	99.9	311.6	27.9	20.9	-18.5	381.9	999.9	99.9	999.9	68.1	140.
42.6	119.0	13587.6	141.0	-54.0	99.9	309.8	26.1	20.1	-16.7	383.8	999.9	99.9	999.9	69.0	140.
43.2	120.0	13725.7	138.0	-53.8	99.9	307.0	23.7	19.0	-14.3	386.5	999.9	99.9	999.9	69.8	140.
43.8	121.0	13914.5	134.0	-54.1	99.9	305.6	21.9	17.8	-12.8	389.2	999.9	99.9	999.9	70.6	140.
44.6	122.0	14059.8	131.0	-54.1	99.9	305.3	22.3	18.2	-12.9	391.7	999.9	99.9	999.9	71.5	140.
45.2	123.0	14258.5	127.0	-54.6	99.9	307.6	23.6	18.7	-14.4	394.3	999.9	99.9	999.9	72.4	140.
45.8	124.0	14411.5	124.0	-54.8	99.9	311.5	25.3	19.0	-15.8	396.7	999.9	99.9	999.9	73.2	139.
46.4	125.0	14568.1	121.0	-54.9	99.9	313.6	28.6	20.7	-17.7	399.2	999.9	99.9	999.9	74.1	139.
47.0	126.0	14837.2	116.0	-55.9	99.9	313.3	29.9	21.8	-20.5	402.3	999.9	99.9	999.9	75.3	139.
47.5	127.0	15003.8	113.0	-56.2	99.9	311.5	27.8	20.8	-18.4	404.7	999.9	99.9	999.9	76.2	139.
48.1	128.0	15174.8	110.0	-56.2	99.9	306.0	25.4	20.5	-14.9	407.8	999.9	99.9	999.9	77.1	139.
48.7	129.0	15350.5	107.0	-56.2	99.9	300.7	24.5	21.1	-12.5	411.1	999.9	99.9	999.9	77.9	139.
49.4	130.0	15530.9	104.0	-56.9	99.9	299.9	24.0	20.8	-12.0	413.1	999.9	99.9	999.9	78.9	139.
50.3	131.0	15779.1	100.0	-57.4	99.9	304.0	24.3	20.2	-13.6	416.8	999.9	99.9	999.9	80.1	138.
51.0	132.0	15971.9	97.0	-56.6	99.9	309.6	25.4	19.5	-16.2	422.1	999.9	99.9	999.9	81.1	138.
51.6	133.0	16171.6	94.0	-55.7	99.9	312.4	26.3	19.4	-17.7	427.5	999.9	99.9	999.9	82.0	138.
52.3	134.0	16377.6	91.0	-56.9	99.9	312.1	27.2	20.2	-18.2	429.2	999.9	99.9	999.9	83.1	138.
52.9	135.0	16589.7	88.0	-57.4	99.9	310.3	25.6	19.5	-16.5	432.4	999.9	99.9	999.9	84.2	138.
53.7	136.0	16883.7	84.0	-57.4	99.9	304.7	19.3	15.8	-11.0	438.2	999.9	99.9	999.9	85.3	138.
54.5	137.0	17113.5	81.0	-57.4	99.9	297.7	17.4	15.4	-3.1	442.7	999.9	99.9	999.9	86.0	138.
55.6	138.0	17433.7	77.0	-57.2	99.9	292.9	16.4	15.1	-6.4	449.5	999.9	99.9	999.9	86.8	137.
56.5	139.0	17684.6	74.0	-58.1	99.9	293.0	16.7	15.3	-6.5	452.9	999.9	99.9	999.9	88.1	137.
57.3	140.0	17944.5	71.0	-59.3	99.9	293.2	20.5	18.8	-8.1	455.7	999.9	99.9	999.9	88.5	137.
58.3	141.0	18215.2	68.0	-58.9	99.9	298.5	25.7	22.4	-12.2	462.1	999.9	99.9	999.9	89.9	137.
59.2	142.0	18594.4	64.0	-60.3	99.9	300.5	20.2	17.4	-10.3	467.2	999.9	99.9	999.9	91.3	136.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

6 FEBRUARY 1975  
2315 GMT

144 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
60.2	143.0	18893.0	61.0	-61.2	99.9	305.9	20.6	16.7	-12.1	471.6	999.9	99.9	999.9	92.3	136.
61.4	144.0	19206.5	58.0	-60.7	99.9	305.0	23.2	19.0	-13.3	479.7	999.9	99.9	999.9	93.8	136.
62.5	145.0	19538.0	55.0	-59.5	99.9	299.5	22.3	19.4	-11.0	489.9	999.9	99.9	999.9	95.4	136.
63.5	146.0	19889.2	52.0	-59.3	99.9	302.7	13.2	11.1	-7.2	498.2	999.9	99.9	999.9	96.2	136.
64.7	147.0	20261.0	49.0	-59.8	99.9	313.4	15.1	10.9	-10.3	505.5	999.9	99.9	999.9	97.1	136.
66.2	148.0	20654.4	46.0	-61.4	99.9	315.6	15.0	10.5	-10.7	510.8	999.9	99.9	999.9	99.0	136.
67.7	149.0	21072.1	43.0	-62.0	99.9	315.6	16.8	11.7	-12.0	519.4	999.9	99.9	999.9	100.1	136.
69.2	150.0	21519.3	40.0	-62.1	99.9	999.9	99.9	99.9	99.9	529.8	999.9	99.9	999.9	999.9	999.
70.5	151.0	21998.8	37.0	-64.2	99.9	999.9	99.9	99.9	99.9	536.5	999.9	99.9	999.9	999.9	999.

STATION NO. 654  
HURON, S D

7 FEBRUARY 1975  
515 GMT

151 36. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.8	392.0	966.8	-18.9	-24.5	183.0	3.6	0.0	3.6	256.8	258.2	0.5	61.0	0.0	0.
0.1	9.0	405.9	965.0	-18.3	-21.7	274.0	18.2	18.2	-1.3	257.6	259.4	0.7	74.1	0.2	358.
0.3	10.0	492.2	954.0	-14.5	-19.7	274.0	18.2	18.2	-1.3	262.2	264.4	0.8	64.7	0.2	358.
0.7	11.0	588.6	942.0	-11.9	-18.5	273.2	15.3	15.3	-0.9	265.9	268.4	0.9	57.9	0.3	47.
1.0	12.0	678.5	931.0	-12.0	-18.4	271.3	10.9	10.9	-0.2	266.6	269.2	1.0	58.6	0.6	72.
1.2	13.0	761.1	921.0	-12.0	-18.5	265.6	8.7	8.7	0.7	267.5	270.0	1.0	58.4	0.6	72.
1.5	14.0	844.7	911.0	-12.0	-18.5	249.2	5.8	5.4	2.1	268.3	270.9	0.9	56.9	0.7	73.
1.9	15.0	937.5	900.0	-12.9	-19.5	249.8	8.5	8.0	2.9	268.4	270.7	0.9	56.1	0.9	71.
2.1	16.0	1048.4	887.0	-13.3	-20.5	251.7	9.2	8.8	2.9	269.0	271.4	0.9	55.6	1.0	71.
2.4	17.0	1134.7	877.0	-13.3	-22.4	257.1	9.5	9.2	2.1	269.9	271.9	0.7	46.2	1.2	72.
2.7	18.0	1222.1	867.0	-13.3	-27.2	264.2	10.4	10.3	1.0	270.7	272.1	0.5	29.7	1.3	73.
3.0	19.0	1310.4	857.0	-13.0	-58.2	270.9	11.7	11.7	-0.2	271.9	271.9	0.0	1.0	1.5	74.
3.3	20.0	1400.0	847.0	-12.2	-57.6	274.4	12.3	12.2	-0.9	273.7	273.7	0.0	1.0	1.7	77.
3.5	21.0	1509.1	835.0	-12.3	-57.7	276.6	12.6	12.6	-1.5	274.6	274.7	0.0	1.0	1.9	79.
3.8	22.0	1591.8	826.0	-12.4	-57.8	277.6	12.5	12.4	-1.7	275.3	275.4	0.0	1.0	2.1	81.
4.1	23.0	1684.7	816.0	-13.3	-58.3	279.9	12.8	12.6	-2.2	275.4	275.5	0.0	1.0	2.3	82.
4.3	24.0	1778.5	806.0	-13.4	-58.4	283.0	13.5	13.2	-3.0	276.2	276.3	0.0	1.0	2.5	83.
4.5	25.0	1864.0	797.0	-13.4	-58.4	285.8	14.3	13.7	-3.9	277.1	277.2	0.0	1.0	2.6	84.
4.8	26.0	1979.4	785.0	-13.2	-58.3	290.3	14.9	13.9	-5.1	278.6	278.7	0.0	1.0	2.9	87.
5.1	27.0	2067.2	776.0	-13.4	-58.4	293.3	15.7	14.4	-6.2	279.2	279.3	0.0	1.0	3.1	89.
5.4	28.0	2165.9	766.0	-13.4	-58.4	293.8	16.9	15.4	-6.8	280.3	280.3	0.0	1.0	3.4	91.
5.7	29.0	2265.8	756.0	-13.4	-58.4	294.3	18.7	17.0	-7.7	281.3	281.4	0.0	1.0	3.7	93.
6.0	30.0	2356.9	747.0	-13.7	-21.9	294.7	20.8	18.9	-8.7	282.1	284.6	0.9	49.8	4.0	95.
6.3	31.0	2448.9	738.0	-14.8	-20.9	296.3	20.4	18.3	-7.0	281.9	284.7	1.0	59.5	4.4	97.
6.5	32.0	2552.1	728.0	-15.4	-20.7	297.3	20.1	17.9	-7.2	282.4	285.3	1.0	63.7	4.6	98.
6.9	33.0	2645.9	719.0	-16.1	-20.1	299.0	20.3	17.7	-7.8	282.6	285.7	1.1	70.7	5.0	100.
7.1	34.0	2740.8	710.0	-16.5	-23.4	299.9	20.4	17.7	-10.2	283.2	285.5	0.8	55.1	5.2	101.
7.4	35.0	2836.7	701.0	-16.5	-21.5	301.2	20.6	17.7	-10.7	284.2	287.0	1.0	65.0	5.6	102.
7.9	36.0	2955.7	690.0	-16.3	-20.2	302.7	21.5	18.1	-11.6	285.7	288.9	1.1	71.9	6.2	104.
8.2	37.0	3054.4	681.0	-17.2	-20.0	303.1	22.3	18.7	-12.2	285.8	289.1	1.1	78.7	6.5	105.
8.5	38.0	3142.9	673.0	-18.1	-20.1	303.3	23.1	19.3	-12.7	285.7	289.0	1.1	84.5	6.9	106.
8.7	39.0	3243.3	664.0	-19.1	-20.1	303.3	23.5	19.6	-12.9	285.8	289.1	1.2	91.2	7.2	107.
9.1	40.0	3344.8	655.0	-20.0	-25.1	303.4	24.2	20.2	-13.3	285.8	288.0	0.8	63.8	7.8	108.
9.4	41.0	3470.8	644.0	-18.3	-27.8	303.4	24.6	20.5	-13.5	289.1	291.0	0.6	42.7	8.2	109.
9.7	42.0	3564.1	636.0	-18.7	-27.3	303.4	24.9	20.8	-13.7	289.7	291.6	0.6	46.2	8.6	110.
10.1	43.0	3658.4	628.0	-19.1	-25.9	303.6	25.3	21.1	-14.0	290.3	292.5	0.7	54.7	9.2	110.
10.3	44.0	3765.8	619.0	-19.9	-25.1	304.2	25.3	20.9	-14.2	290.6	293.0	0.8	63.1	9.6	111.
10.5	45.0	3862.3	611.0	-20.0	-25.5	304.8	25.3	20.7	-14.4	291.5	293.9	0.8	61.4	9.9	111.
10.9	46.0	3972.3	602.0	-20.3	-25.5	307.9	25.0	19.7	-15.3	292.4	294.8	0.8	62.9	10.4	112.
11.2	47.0	4071.4	594.0	-20.7	-25.9	310.2	25.2	19.3	-16.3	293.1	295.4	0.8	62.5	10.8	113.
11.4	48.0	4171.5	586.0	-21.6	-25.7	311.6	25.6	19.1	-17.0	293.1	295.6	0.8	69.3	11.1	113.
11.8	49.0	4272.7	578.0	-22.3	-26.4	312.9	26.9	19.7	-18.3	293.5	295.8	0.8	65.2	11.7	114.
12.1	50.0	4375.1	570.0	-22.4	-27.0	312.9	27.9	20.5	-17.0	294.5	296.7	0.7	66.3	12.1	115.
12.4	51.0	4505.0	560.0	-23.0	-28.0	311.8	28.9	21.6	-17.3	295.4	297.4	0.7	63.1	12.6	116.
12.8	52.0	4597.0	553.0	-23.9	-30.4	309.9	29.4	22.5	-17.9	295.3	297.0	0.5	54.7	13.3	117.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

7 FEBRUARY 1975  
515 GMT

151 36. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
13.1	53.0	4703.3	545.0	-24.6	-30.5	308.7	29.2	22.8	-13.3	295.7	297.5	0.5	57.4	13.9	117.
13.3	54.0	4824.3	536.0	-25.6	-31.4	308.4	28.7	22.5	-17.8	295.9	297.5	0.5	57.9	14.3	117.
13.6	55.0	4919.5	529.0	-26.8	-32.3	308.2	28.0	22.0	-17.3	295.6	297.1	0.5	59.1	14.8	118.
14.1	56.0	5043.1	520.0	-27.6	-33.0	310.0	27.2	20.9	-17.5	296.0	297.5	0.5	59.9	15.4	118.
14.3	57.0	5154.5	512.0	-28.3	-33.2	311.2	27.3	20.6	-17.0	296.6	298.0	0.4	62.5	15.8	118.
14.6	58.0	5267.4	504.0	-28.8	-33.6	312.6	27.7	20.4	-17.8	297.3	298.7	0.4	62.7	16.4	119.
15.0	59.0	5367.6	497.0	-28.4	-32.6	313.9	28.8	20.7	-20.0	298.9	300.5	0.5	66.6	16.9	120.
15.3	60.0	5483.8	489.0	-28.9	-33.2	313.9	30.2	21.8	-21.0	299.7	301.2	0.5	66.0	17.4	120.
15.6	61.0	5586.8	482.0	-29.9	-34.2	313.8	31.7	22.8	-21.9	299.8	301.2	0.4	65.5	18.0	120.
16.0	62.0	5690.9	475.0	-30.7	-34.9	313.8	33.5	24.2	-23.2	300.0	301.4	0.4	66.0	18.7	121.
16.3	63.0	5796.3	468.0	-31.2	-35.3	313.9	34.2	24.7	-23.7	300.6	301.9	0.4	66.4	19.4	121.
16.6	64.0	5902.9	461.0	-32.1	-36.8	313.9	35.0	25.2	-24.2	300.8	301.9	0.3	63.0	20.0	122.
17.0	65.0	6010.7	454.0	-33.2	-38.9	313.7	36.1	26.1	-24.9	300.8	301.7	0.3	55.9	20.7	122.
17.3	66.0	6151.2	445.0	-34.0	-40.6	313.6	36.9	26.7	-25.5	301.5	302.3	0.2	50.5	21.5	123.
17.7	67.0	6262.1	438.0	-34.8	-41.4	313.8	37.6	27.1	-26.1	301.8	302.6	0.2	50.5	22.4	123.
18.1	68.0	6374.4	431.0	-35.7	-42.4	314.5	37.6	26.8	-26.3	302.0	302.7	0.2	49.7	23.2	123.
18.3	69.0	6488.1	424.0	-36.5	-43.1	314.9	37.2	26.3	-26.3	302.4	303.1	0.2	50.3	23.7	124.
18.8	70.0	6603.3	417.0	-37.6	-43.9	316.1	35.9	24.9	-25.9	302.5	303.1	0.2	51.2	24.8	124.
19.2	71.0	6736.5	409.0	-39.0	-44.8	316.7	34.8	23.9	-25.3	302.4	303.0	0.2	53.2	25.6	125.
19.6	72.0	6854.8	402.0	-39.8	-46.0	316.8	33.9	23.2	-24.7	302.8	303.3	0.1	51.0	26.5	125.
20.0	73.0	6974.6	395.0	-40.6	99.9	316.3	33.9	23.5	-24.5	303.3	999.9	99.9	999.9	27.1	125.
20.3	74.0	7078.6	389.0	-41.7	99.9	315.7	35.2	24.6	-25.2	303.2	999.9	99.9	999.9	27.7	125.
20.6	75.0	7183.8	383.0	-42.7	99.9	315.3	36.2	25.5	-25.7	303.3	999.9	99.9	999.9	28.3	126.
21.0	76.0	7308.1	376.0	-43.5	99.9	314.8	36.9	26.2	-26.0	303.7	999.9	99.9	999.9	29.4	126.
21.4	77.0	7416.0	370.0	-44.5	99.9	314.7	35.9	25.5	-25.3	303.8	999.9	99.9	999.9	30.3	126.
21.7	78.0	7525.2	364.0	-45.7	99.9	314.7	35.8	25.1	-25.2	303.7	999.9	99.9	999.9	30.8	126.
22.1	79.0	7635.9	358.0	-46.1	99.9	314.8	36.3	25.1	-25.6	304.6	999.9	99.9	999.9	31.6	127.
22.6	80.0	7748.0	352.0	-47.1	99.9	315.5	37.2	26.1	-26.5	304.7	999.9	99.9	999.9	32.7	127.
23.0	81.0	7899.9	344.0	-48.0	99.9	316.9	36.4	24.1	-26.6	305.5	999.9	99.9	999.9	34.0	127.
23.4	82.0	8015.8	338.0	-48.6	99.9	317.5	37.1	25.1	-27.3	306.2	999.9	99.9	999.9	34.5	127.
23.9	83.0	8133.4	332.0	-49.2	99.9	316.3	40.7	28.1	-27.4	307.0	999.9	99.9	999.9	35.3	128.
24.2	84.0	8252.8	326.0	-50.3	99.9	315.6	41.8	29.1	-27.9	307.1	999.9	99.9	999.9	36.3	128.
24.5	85.0	8353.4	321.0	-51.3	99.9	315.1	42.2	29.1	-27.9	307.0	999.9	99.9	999.9	37.5	128.
25.1	86.0	8517.1	313.0	-52.0	99.9	316.5	40.4	27.1	-27.3	308.3	999.9	99.9	999.9	38.6	128.
25.5	87.0	8621.3	308.0	-52.8	99.9	316.7	42.8	29.1	-31.2	308.7	999.9	99.9	999.9	39.1	129.
25.9	88.0	8748.1	302.0	-53.5	99.9	315.7	45.9	32.1	-32.9	309.3	999.9	99.9	999.9	40.6	129.
26.1	89.0	8876.8	296.0	-54.8	99.9	315.5	46.4	32.5	-33.1	309.2	999.9	99.9	999.9	41.3	129.
26.6	90.0	8985.5	291.0	-55.7	99.9	315.7	44.6	31.1	-31.9	309.6	999.9	99.9	999.9	42.7	129.
27.0	91.0	9095.6	286.0	-56.7	99.9	316.8	43.0	29.4	-31.3	309.7	999.9	99.9	999.9	43.5	129.
27.4	92.0	9229.7	280.0	-57.8	99.9	317.6	44.0	29.7	-32.5	309.9	999.9	99.9	999.9	44.5	129.
27.8	93.0	9343.2	275.0	-58.5	99.9	318.4	44.0	29.3	-32.9	310.5	999.9	99.9	999.9	45.7	130.
28.1	94.0	9458.2	270.0	-59.8	99.9	319.2	43.4	28.4	-32.9	310.3	999.9	99.9	999.9	46.6	130.
28.5	95.0	9574.9	265.0	-60.3	99.9	320.9	41.6	26.2	-32.3	311.2	999.9	99.9	999.9	47.6	130.
28.9	96.0	9741.8	258.0	-60.3	99.9	322.2	43.6	26.7	-37.4	313.6	999.9	99.9	999.9	48.4	130.
29.3	97.0	9863.8	253.0	-60.3	99.9	321.7	48.1	29.8	-37.8	315.3	999.9	99.9	999.9	49.2	131.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

7 FEBRUARY 1975  
515 GMT

151 36. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
29.9	98.0	9988.3	248.0	-60.1	99.9	319.3	51.6	33.6	-39.1	317.4	999.9	99.9	999.9	51.4	131.
30.1	99.0	10115.3	243.0	-60.1	99.9	318.3	50.4	33.5	-37.6	319.3	999.9	99.9	999.9	52.2	131.
30.5	100.0	10245.0	238.0	-60.3	99.9	315.8	44.8	31.2	-32.2	320.9	999.9	99.9	999.9	53.4	131.
31.0	101.0	10404.3	232.0	-60.0	99.9	312.9	39.9	29.2	-27.2	323.8	999.9	99.9	999.9	54.2	131.
31.3	102.0	10540.9	227.0	-58.4	99.9	312.2	39.8	29.5	-25.7	328.2	999.9	99.9	999.9	54.9	131.
31.6	103.0	10652.8	223.0	-58.4	99.9	312.0	39.3	29.2	-25.3	329.9	999.9	99.9	999.9	55.7	131.
31.9	104.0	10795.4	218.0	-58.5	99.9	312.6	38.2	28.1	-25.8	331.8	999.9	99.9	999.9	56.7	131.
32.4	105.0	10911.7	214.0	-58.7	99.9	314.4	35.1	25.1	-24.5	333.3	999.9	99.9	999.9	57.6	131.
32.7	106.0	11060.9	209.0	-56.8	99.9	314.7	35.3*	25.1	-24.8	334.5	999.9	99.9	999.9	58.2	131.
33.1	107.0	11183.5	205.0	-56.3	99.9	313.9	38.7*	27.9	-26.8	341.2	999.9	99.9	999.9	58.9	131.
33.6	108.0	11340.7	200.0	-55.2	99.9	211.3	48.4*	36.4	-31.9	345.4	999.9	99.9	999.9	60.0	131.
34.1	109.0	11469.8	196.0	-54.8	99.9	309.9	54.9*	42.7	-34.5	347.9	999.9	99.9	999.9	61.9	131.
34.5	110.0	11601.6	192.0	-55.0	99.9	306.8	52.6*	42.1	-31.6	349.7	999.9	99.9	999.9	63.6	131.
35.1	111.0	11770.3	187.0	-54.8	99.9	303.0	36.1*	30.3	-19.7	352.7	999.9	99.9	999.9	65.2	131.
35.6	112.0	11944.1	182.0	-53.5	99.9	302.1	24.6*	20.8	-13.1	357.5	999.9	99.9	999.9	65.9	131.
36.1	113.0	12051.0	179.0	-53.5	99.9	306.4	22.7*	18.3	-13.5	359.2	999.9	99.9	999.9	66.1	131.
36.5	114.0	12196.4	175.0	-53.5	99.9	308.5	26.2*	20.5	-15.3	361.5	999.9	99.9	999.9	66.9	131.
36.9	115.0	12345.0	171.0	-53.9	99.9	307.5	29.0*	23.0	-17.6	363.4	999.9	99.9	999.9	67.7	131.
37.5	116.0	12535.8	166.0	-53.5	99.9	306.0	31.5*	25.5	-13.5	367.0	999.9	99.9	999.9	68.7	131.
38.1	117.0	12692.7	162.0	-53.4	99.9	306.5	33.1*	26.6	-19.7	369.9	999.9	99.9	999.9	69.8	131.
38.6	118.0	12854.0	158.0	-52.4	99.9	307.1	31.1*	24.8	-14.7	374.1	999.9	99.9	999.9	71.1	131.
39.2	119.0	12978.1	155.0	-52.0	99.9	308.2	26.6*	20.9	-16.5	377.0	999.9	99.9	999.9	71.9	131.
39.8	120.0	13147.5	151.0	-51.8	99.9	309.9	25.3*	19.5	-15.2	380.1	999.9	99.9	999.9	72.8	131.
40.4	121.0	13321.5	147.0	-52.0	99.9	310.3	25.9*	19.7	-15.8	382.8	999.9	99.9	999.9	73.7	131.
40.9	122.0	13454.9	144.0	-52.4	99.9	308.9	26.9*	21.0	-16.9	384.2	999.9	99.9	999.9	74.5	131.
41.4	123.0	13591.0	141.0	-52.8	99.9	305.5	28.7*	23.4	-16.7	386.0	999.9	99.9	999.9	75.3	131.
41.9	124.0	13776.5	137.0	-53.4	99.9	301.6	30.1*	25.6	-15.8	388.0	999.9	99.9	999.9	76.2	131.
42.3	125.0	13918.9	134.0	-53.7	99.9	300.0	30.5*	26.4	-15.3	389.9	999.9	99.9	999.9	77.0	130.
43.0	126.0	14113.1	130.0	-55.0	99.9	300.2	30.9*	26.7	-15.5	391.0	999.9	99.9	999.9	78.1	130.
43.5	127.0	14312.7	126.0	-55.3	99.9	299.9	30.8*	26.7	-15.3	393.9	999.9	99.9	999.9	79.2	130.
44.0	128.0	14465.9	123.0	-56.8	99.9	297.9	29.3*	25.9	-13.7	393.9	999.9	99.9	999.9	80.0	130.
44.5	129.0	14622.3	120.0	-57.0	99.9	296.0	26.5*	23.8	-11.6	396.4	999.9	99.9	999.9	80.9	130.
45.1	130.0	14782.2	117.0	-58.0	99.9	293.4	21.4*	19.6	-8.5	397.4	999.9	99.9	999.9	81.8	130.
45.9	131.0	15001.2	113.0	-58.5	99.9	294.7	19.5*	17.7	-8.1	400.4	999.9	99.9	999.9	82.3	129.
46.4	132.0	15170.2	110.0	-58.9	99.9	299.8	26.0*	22.6	-12.9	402.8	999.9	99.9	999.9	83.0	129.
47.0	133.0	15343.7	107.0	-58.9	99.9	300.6	34.6*	29.8	-17.6	406.0	999.9	99.9	999.9	84.0	129.
47.6	134.0	15522.3	104.0	-58.7	99.9	296.8	34.3*	30.6	-15.5	409.7	999.9	99.9	999.9	85.8	129.
48.2	135.0	15644.3	102.0	-58.5	99.9	294.4	29.6*	27.0	-12.2	412.3	999.9	99.9	999.9	86.6	129.
48.8	136.0	15895.9	98.0	-58.4	99.9	295.9	23.8*	21.4	-10.4	417.4	999.9	99.9	999.9	87.8	129.
49.4	137.0	16091.5	95.0	-58.2	99.9	298.6	21.1*	18.6	-10.1	421.4	999.9	99.9	999.9	88.2	129.
50.1	138.0	16293.4	92.0	-58.5	99.9	300.9	26.3*	22.6	-13.5	424.6	999.9	99.9	999.9	89.2	129.
50.8	139.0	16572.6	88.0	-58.9	99.9	302.5	27.8*	23.4	-14.9	429.4	999.9	99.9	999.9	90.5	129.
51.6	140.0	16791.0	85.0	-57.5	99.9	304.5	19.4*	16.0	-11.0	436.5	999.9	99.9	999.9	91.8	128.
52.5	141.0	17018.2	82.0	-57.2	99.9	316.0	11.6*	8.1	-3.4	441.7	999.9	99.9	999.9	92.1	128.
53.2	142.0	17253.3	79.0	-58.4	99.9	314.1	13.7*	9.8	-9.6	443.9	999.9	99.9	999.9	93.0	129.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 654  
HURON, S D

7 FEBRUARY 1975  
515 GMT

151 36. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGF KM	AZ DG
54.1	143.0	17496.8	76.0	-58.5	99.9	308.8	21.2*	16.5	-13.3	448.5	999.9	99.9	999.9	93.8	129.
54.9	144.0	17750.0	73.0	-58.5	99.9	308.5	22.5*	17.6	-14.0	453.7	999.9	99.9	999.9	95.0	129.
55.8	145.0	17924.7	71.0	-58.2	99.9	308.5	22.7*	17.8	-14.1	458.0	999.9	99.9	999.9	96.1	129.
56.7	146.0	18196.3	68.0	-58.5	99.9	308.3	25.8*	20.3	-15.0	463.0	999.9	99.9	999.9	97.5	129.
57.6	147.0	18479.9	65.0	-58.7	99.9	306.0	25.5*	20.6	-15.0	468.6	999.9	99.9	999.9	98.9	129.
58.7	148.0	18776.2	62.0	-59.4	99.9	302.0	25.1*	21.3	-13.3	473.4	999.9	99.9	999.9	100.5	128.
59.4	149.0	18980.9	60.0	-60.5	99.9	301.9	26.2*	22.3	-13.8	475.5	999.9	99.9	999.9	101.6	128.
60.4	150.0	19299.8	57.0	-61.4	99.9	301.4	25.2*	21.5	-13.1	480.5	999.9	99.9	999.9	103.2	128.
61.7	151.0	19636.1	54.0	-60.1	99.9	287.6	14.1*	13.5	-4.3	490.9	999.9	99.9	999.9	104.9	128.
62.8	152.0	19870.9	52.0	-61.4	99.9	257.4	11.1*	10.8	2.4	493.2	999.9	99.9	999.9	105.2	128.
64.0	153.0	20238.8	49.0	-62.1	99.9	289.0	18.9*	17.8	-5.2	499.9	999.9	99.9	999.9	106.1	128.
65.1	154.0	20496.5	47.0	-62.0	99.9	304.0	15.5	12.8	-3.7	506.4	999.9	99.9	999.9	107.4	127.
66.4	155.0	20905.6	44.0	-60.9	99.9	322.6	10.0	6.1	-8.0	518.7	999.9	99.9	999.9	107.7	127.
67.8	156.0	21343.4	41.0	-62.1	99.9	310.6	22.3	16.9	-14.5	526.1	999.9	99.9	999.9	109.7	128.
69.1	157.0	21652.4	39.0	-62.3	99.9	999.9	99.9	99.9	99.9	533.2	999.9	99.9	999.9	999.9	999.
70.4	158.0	22146.7	36.0	-62.3	99.9	999.9	99.9	99.9	99.9	545.5	999.9	99.9	999.9	999.9	999.

STATION NO. 654  
MURCN, S D

7 FEBRUARY 1975  
1200 GMT

151 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	392.0	961.4	-18.8	-24.8	180.0	2.1	0.0	2.1	257.3	258.7	0.5	59.0	0.0	0.
0.3	10.0	450.1	954.0	-14.5	-19.2	999.9	99.9	99.9	99.9	262.2	264.5	0.9	67.4	999.9	999.
0.7	11.0	562.8	940.0	-11.3	-16.7	999.9	99.9	99.9	99.9	266.7	269.6	1.1	64.4	999.9	999.
1.0	12.0	645.1	930.0	-9.9	-16.3	999.9	99.9	99.9	99.9	269.0	272.0	1.1	59.2	999.9	999.
1.4	13.0	737.1	919.0	-8.8	-15.4	999.9	99.9	99.9	99.9	270.9	274.3	1.3	58.8	999.9	999.
1.7	14.0	822.0	909.0	-8.6	-15.3	310.0	11.6	8.9	-7.4	272.1	275.5	1.3	58.1	1.1	124.
1.9	15.0	916.7	898.0	-6.6	-13.9	306.9	11.0	8.8	-6.6	275.0	279.0	1.5	56.1	1.2	125.
2.3	16.0	1030.7	885.0	-6.3	-14.1	301.0	11.6	9.9	-6.0	276.5	280.4	1.5	54.1	1.5	124.
2.6	17.0	1119.6	875.0	-6.5	-14.5	298.2	12.5	11.0	-5.9	277.2	281.1	1.4	52.6	1.7	123.
2.9	18.0	1209.4	865.0	-6.6	-16.5	297.3	13.7	12.1	-5.3	278.0	281.3	1.2	45.1	1.9	123.
3.3	19.0	1309.3	854.0	-7.1	-17.7	298.7	15.6	13.7	-7.5	278.5	281.6	1.1	42.2	2.3	122.
3.7	20.0	1401.1	844.0	-7.7	-17.5	300.2	17.8	15.4	-9.0	278.8	282.0	1.1	45.0	2.7	121.
4.0	21.0	1512.4	832.0	-8.3	-17.8	301.1	19.6	16.8	-10.1	279.3	282.5	1.1	46.0	3.0	122.
4.3	22.0	1606.2	822.0	-8.8	-18.8	299.3	20.0	17.5	-9.8	279.7	282.6	1.0	44.0	3.4	121.
4.6	23.0	1701.0	812.0	-8.8	-35.3	297.8	20.3	17.9	-9.5	280.5	281.3	0.2	9.6	3.7	121.
4.9	24.0	1796.9	802.0	-9.0	-35.4	296.9	20.2	18.0	-9.1	281.4	282.1	0.2	9.6	4.1	121.
5.3	25.0	1894.0	792.0	-9.1	-33.8	297.9	22.6	19.9	-10.6	282.2	283.1	0.3	11.3	4.6	120.
5.7	26.0	2012.0	780.0	-9.3	-32.9	298.9	25.4	22.2	-12.3	283.3	284.3	0.3	12.5	5.2	120.
6.0	27.0	2111.7	770.0	-9.7	-26.0	299.3	27.3	23.8	-13.4	283.9	285.7	0.6	25.0	5.7	120.
6.4	28.0	2212.4	760.0	-10.6	-23.2	298.1	26.1	23.1	-12.3	284.1	286.4	0.8	34.5	6.3	120.
6.6	29.0	2304.0	751.0	-11.0	-28.2	297.9	25.8	22.8	-12.0	284.6	286.0	0.5	22.5	6.6	120.
7.0	30.0	2406.8	741.0	-11.7	-25.7	298.2	25.4	22.4	-12.0	284.9	286.8	0.7	31.4	7.2	120.
7.3	31.0	2500.3	732.0	-12.3	-24.0	299.0	26.1	22.8	-12.7	285.3	287.5	0.7	37.0	7.6	119.
7.6	32.0	2605.3	722.0	-13.1	-25.4	299.8	26.8	23.2	-13.3	285.5	287.4	0.7	34.7	8.1	119.
7.9	33.0	2700.8	713.0	-13.4	-29.6	300.4	27.5	23.7	-13.9	286.2	287.5	0.5	23.9	8.6	120.
8.3	34.0	2797.3	704.0	-14.4	-30.5	300.0	27.6	23.9	-13.8	286.1	287.4	0.4	24.0	9.3	120.
8.5	35.0	2894.7	695.0	-15.2	-30.3	299.6	27.5	23.9	-13.6	286.2	287.6	0.4	26.0	9.7	120.
9.0	36.0	3026.0	683.0	-16.5	-30.7	296.6	26.9	24.0	-12.1	286.3	287.6	0.4	28.0	10.4	120.
9.3	37.0	3125.6	674.0	-17.3	-30.2	295.0	27.3	24.7	-11.5	286.5	287.8	0.5	31.4	10.9	120.
9.7	38.0	3215.0	666.0	-18.0	-28.6	293.6	27.9	25.6	-11.2	286.7	288.3	0.5	38.7	11.6	119.
9.9	39.0	3316.6	657.0	-18.7	-29.3	293.2	28.3	26.0	-11.2	287.0	288.6	0.5	38.2	11.9	119.
10.3	40.0	3419.4	648.0	-19.1	-31.2	293.3	28.4	26.1	-11.2	287.7	289.0	0.4	32.9	12.6	119.
10.7	41.0	3546.7	637.0	-19.3	-33.5	293.7	28.1	25.7	-11.3	288.8	289.9	0.3	26.9	13.3	118.
11.0	42.0	3640.6	629.0	-20.0	-34.4	294.1	27.5	25.1	-11.3	289.1	290.1	0.3	26.2	13.9	118.
11.4	43.0	3747.3	620.0	-20.9	-35.2	294.8	27.3	24.8	-11.4	289.2	290.1	0.3	26.2	14.4	118.
11.8	44.0	3855.2	611.0	-21.7	-35.8	295.4	27.5	24.8	-11.8	289.5	290.4	0.3	26.6	15.0	118.
12.2	45.0	3952.1	603.0	-22.7	-36.7	296.1	28.0	25.1	-12.3	289.5	290.3	0.3	26.3	15.8	118.
12.5	46.0	4050.0	595.0	-22.9	-37.4	296.8	28.5	25.4	-12.8	290.3	291.1	0.3	25.2	16.4	118.
13.0	47.0	4162.0	586.0	-21.7	-35.9	297.7	30.9	27.3	-14.4	292.9	293.9	0.3	26.3	16.9	118.
13.3	48.0	4263.4	578.0	-20.7	-41.1	297.6	32.6	28.9	-15.1	295.3	295.9	0.2	14.0	17.6	118.
13.7	49.0	4366.3	570.0	-21.6	-37.6	297.5	34.2	30.3	-15.8	295.4	296.3	0.3	21.8	18.6	118.
14.2	50.0	4470.4	562.0	-22.1	-32.5	297.7	34.7	30.7	-15.1	296.0	297.4	0.4	38.1	19.6	118.
14.6	51.0	4602.2	552.0	-23.1	-32.9	298.5	34.9	30.7	-15.7	296.4	297.9	0.5	43.7	20.4	118.
15.0	52.0	4722.6	543.0	-23.3	-30.5	299.8	36.1	31.3	-17.9	297.5	299.2	0.5	51.5	21.3	118.
15.4	53.0	4830.9	535.0	-24.5	-30.7	300.5	37.9	32.7	-19.3	297.3	299.1	0.5	56.4	21.9	118.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

7 FEBRUARY 1975  
1200 GMT

151 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.8	54.0	4926.8	528.0	-24.9	-31.3	301.1	38.8	33.2	-20.0	298.0	299.7	0.5	55.3	23.1	118.
16.2	55.0	5037.7	520.0	-25.7	-31.8	301.5	39.1	33.4	-20.4	298.3	300.0	0.5	56.5	24.1	118.
16.7	56.0	5178.2	510.0	-26.6	-32.5	301.7	39.8	33.9	-20.9	298.9	300.4	0.5	57.1	25.1	118.
17.2	57.0	5292.2	502.0	-27.4	-32.9	301.2	41.1*	35.2	-21.3	299.3	300.8	0.5	59.6	26.4	118.
17.5	58.0	5393.1	495.0	-28.5	-33.2	300.6	41.7*	35.9	-21.2	299.2	300.7	0.5	63.7	27.2	119.
18.0	59.0	5509.7	487.0	-29.0	-33.6	298.9	42.0*	36.7	-20.2	299.9	301.4	0.5	64.2	28.3	119.
18.4	60.0	5613.2	480.0	-29.3	-33.8	297.7	41.8*	37.0	-19.5	300.8	302.3	0.5	64.8	29.4	119.
18.8	61.0	5718.0	473.0	-30.2	-34.6	297.2	40.7*	36.2	-18.6	301.0	302.3	0.4	65.1	30.4	119.
19.3	62.0	5839.2	465.0	-31.1	-35.5	297.2	38.6*	34.3	-17.6	301.3	302.6	0.4	65.0	31.7	118.
19.6	63.0	5962.1	457.0	-31.9	-36.4	297.3	37.8*	33.6	-17.4	301.8	303.0	0.4	64.2	32.3	118.
20.0	64.0	6071.0	450.0	-32.7	-37.9	297.5	38.3*	34.0	-17.7	302.1	303.2	0.3	59.4	33.0	118.
20.4	65.0	6181.1	443.0	-33.9	-38.8	297.4	38.7*	34.4	-17.8	302.0	303.0	0.3	60.4	33.9	118.
20.9	66.0	6324.7	434.0	-34.9	-39.9	297.3	37.3*	33.1	-17.1	302.4	303.3	0.3	60.3	35.7	118.
21.5	67.0	6437.9	427.0	-36.0	-40.2	297.7	38.9*	34.4	-18.1	302.5	303.4	0.3	64.8	35.9	118.
21.8	68.0	6552.5	420.0	-37.1	-41.0	297.7	42.2*	37.1	-19.6	302.5	303.4	0.2	66.3	37.2	118.
22.2	69.0	6651.8	414.0	-38.0	-43.0	297.3	44.3*	39.4	-20.3	302.6	303.3	0.2	59.2	38.5	118.
22.7	70.0	6769.1	407.0	-38.7	-43.8	296.5	42.1*	37.1	-18.8	303.2	303.8	0.2	58.1	39.8	118.
23.0	71.0	6922.4	398.0	-39.5	-44.7	296.0	39.0*	35.0	-17.1	304.1	304.7	0.2	57.1	40.8	118.
23.5	72.0	7026.2	392.0	-40.3	99.9	296.4	38.8*	34.8	-17.2	304.4	999.9	99.9	999.9	41.4	118.
23.9	73.0	7148.9	385.0	-41.3	99.9	296.8	44.6*	39.8	-20.1	304.7	999.9	99.9	999.9	42.2	118.
24.4	74.0	7273.2	378.0	-42.4	99.9	296.6	49.9*	44.6	-22.3	304.8	999.9	99.9	999.9	44.1	118.
24.8	75.0	7381.1	372.0	-43.3	99.9	295.8	49.5*	44.6	-21.6	305.0	999.9	99.9	999.9	45.4	118.
25.3	76.0	7490.4	366.0	-44.0	99.9	294.8	45.9*	41.6	-19.2	305.4	999.9	99.9	999.9	46.7	118.
25.7	77.0	7619.8	359.0	-44.7	99.9	293.9	42.5*	39.0	-17.3	306.2	999.9	99.9	999.9	47.8	118.
26.2	78.0	7732.3	353.0	-45.9	99.9	293.1	39.8*	36.6	-15.6	306.2	999.9	99.9	999.9	49.0	118.
26.6	79.0	7846.2	347.0	-46.7	99.9	293.2	38.9*	35.8	-15.3	306.5	999.9	99.9	999.9	49.8	118.
27.1	80.0	7961.7	341.0	-47.4	99.9	294.8	39.8*	36.1	-16.7	307.1	999.9	99.9	999.9	51.1	118.
27.6	81.0	8118.4	333.0	-48.3	99.9	297.4	40.8*	36.2	-18.8	307.9	999.9	99.9	999.9	52.1	118.
28.1	82.0	8238.0	327.0	-48.9	99.9	299.2	40.0*	34.9	-19.5	308.7	999.9	99.9	999.9	53.6	118.
28.6	83.0	8359.4	321.0	-49.8	99.9	299.6	41.4*	36.0	-20.4	309.2	999.9	99.9	999.9	54.8	118.
29.1	84.0	8482.6	315.0	-50.7	99.9	300.2	49.4*	42.7	-24.9	309.6	999.9	99.9	999.9	55.4	118.
29.5	85.0	8607.6	309.0	-51.6	99.9	301.9	56.3*	47.8	-29.7	310.0	999.9	99.9	999.9	57.3	118.
30.1	86.0	8756.0	302.0	-52.5	99.9	305.4	53.9*	43.9	-31.3	310.8	999.9	99.9	999.9	59.7	118.
30.6	87.0	8863.8	297.0	-53.3	99.9	307.1	51.9*	41.4	-31.3	311.1	999.9	99.9	999.9	60.6	118.
31.1	88.0	8995.1	291.0	-53.6	99.9	307.4	56.1*	44.5	-34.1	312.5	999.9	99.9	999.9	62.3	118.
31.5	89.0	9128.9	285.0	-54.2	99.9	307.7	61.1*	48.3	-37.4	313.5	999.9	99.9	999.9	63.8	119.
32.0	90.0	9242.1	280.0	-55.2	99.9	307.4	62.9*	50.0	-38.2	313.7	999.9	99.9	999.9	65.4	119.
32.5	91.0	9356.9	275.0	-56.3	99.9	306.6	59.1*	47.4	-35.2	313.7	999.9	99.9	999.9	68.0	119.
33.0	92.0	9496.7	269.0	-57.3	99.9	306.2	57.7*	46.5	-34.1	314.2	999.9	99.9	999.9	69.0	119.
33.5	93.0	9615.1	264.0	-58.2	99.9	305.9	67.3*	54.5	-39.4	314.7	999.9	99.9	999.9	70.7	119.
34.0	94.0	9735.2	259.0	-59.2	99.9	305.3	78.0*	63.6	-45.0	314.9	999.9	99.9	999.9	72.6	120.
34.5	95.0	9857.1	254.0	-60.0	99.9	305.8	67.7*	54.9	-39.6	315.4	999.9	99.9	999.9	76.5	120.
35.1	96.0	10031.3	247.0	-60.6	99.9	315.4	25.0*	17.5	-17.8	317.1	999.9	99.9	999.9	77.9	120.
35.5	97.0	10158.5	242.0	-61.1	99.9	66.0	8.2*	-7.5	-3.3	318.2	999.9	99.9	999.9	78.8	120.
36.0	98.0	10288.0	237.0	-61.6	99.9	77.6	10.0*	-9.8	-2.2	319.3	999.9	99.9	999.9	75.7	120.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

7 FEBRUARY 1975  
1200 GMT

151 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.5	99.0	10420.0	232.0	-62.0	99.9	313.7	29.4*	21.3	-20.3	320.7	999.9	99.9	999.9	76.7	120.
37.0	100.0	10527.5	228.0	-62.2	99.9	304.8	83.0*	68.2	-47.3	322.0	999.9	99.9	999.9	77.5	121.
37.7	101.0	10652.4	222.0	-61.8	99.9	302.3	141.7**	119.8	-75.8	325.0	999.9	99.9	999.9	83.2	121.
38.2	102.0	10833.5	217.0	-61.6	99.9	301.6	141.3**	120.3	-74.1	327.4	999.9	99.9	999.9	88.9	121.
38.7	103.0	10978.5	212.0	-60.0	99.9	300.9	102.1**	87.6	-52.4	332.1	999.9	99.9	999.9	93.8	121.
39.3	104.0	11057.6	208.0	-59.3	99.9	299.2	50.6**	44.2	-24.7	335.0	999.9	99.9	999.9	95.0	121.
39.8	105.0	11249.7	203.0	-59.9	99.9	298.4	30.2**	26.6	-14.3	336.5	999.9	99.9	999.9	96.2	121.
40.2	106.0	11373.9	199.0	-60.6	99.9	298.2	25.2**	22.2	-11.9	337.3	999.9	99.9	999.9	96.7	121.
40.7	107.0	11532.4	194.0	-60.4	99.9	296.7	26.4**	23.5	-11.9	340.1	999.9	99.9	999.9	97.1	121.
41.2	108.0	11663.1	190.0	-57.6	99.9	294.3	27.9**	25.4	-11.5	346.5	999.9	99.9	999.9	98.2	121.
41.8	109.0	11797.8	186.0	-56.3	99.9	291.6	19.7*	18.3	-7.2	350.8	999.9	99.9	999.9	99.4	121.
42.3	110.0	11970.8	181.0	-56.5	99.9	290.6	9.9*	9.3	-3.5	353.3	999.9	99.9	999.9	99.7	121.
43.0	111.0	12148.7	176.0	-56.2	99.9	299.7	12.0*	10.5	-6.0	356.7	999.9	99.9	999.9	99.2	121.
43.6	112.0	12295.1	172.0	-55.3	99.9	300.4	26.1*	22.5	-13.2	360.3	999.9	99.9	999.9	100.4	121.
44.2	113.0	12445.5	168.0	-54.4	99.9	299.7	33.6*	29.2	-16.6	364.4	999.9	99.9	999.9	101.6	121.
44.8	114.0	12600.0	164.0	-54.4	99.9	298.0	35.7*	31.5	-16.8	366.9	999.9	99.9	999.9	102.9	121.
45.3	115.0	12758.4	160.0	-53.9	99.9	297.4	35.5*	31.6	-15.3	370.3	999.9	99.9	999.9	104.0	120.
46.1	116.0	12962.5	155.0	-53.3	99.9	299.1	33.7*	29.4	-15.4	374.7	999.9	99.9	999.9	105.7	120.
46.8	117.0	13130.8	151.0	-53.6	99.9	300.1	34.0*	29.4	-17.1	377.0	999.9	99.9	999.9	107.0	120.
47.3	118.0	13259.9	148.0	-53.4	99.9	299.1	36.4*	31.8	-17.7	379.5	999.9	99.9	999.9	108.1	120.
47.9	119.0	13436.0	144.0	-54.1	99.9	296.8	43.3*	38.6	-19.5	381.4	999.9	99.9	999.9	109.4	120.
48.5	120.0	13616.9	140.0	-53.8	99.9	295.8	51.9*	46.7	-22.6	385.0	999.9	99.9	999.9	110.8	120.
49.1	121.0	13755.6	137.0	-55.2	99.9	297.2	49.7*	44.2	-22.7	384.9	999.9	99.9	999.9	113.5	120.
49.8	122.0	13944.8	133.0	-55.3	99.9	299.2	41.2*	35.9	-21.1	387.8	999.9	99.9	999.9	115.0	120.
50.3	123.0	14090.1	130.0	-56.0	99.9	298.9	39.9*	34.9	-19.3	389.2	999.9	99.9	999.9	116.1	120.
50.9	124.0	14288.3	126.0	-57.1	99.9	296.5	45.3*	40.5	-20.2	390.6	999.9	99.9	999.9	117.6	120.
51.5	125.0	14440.4	123.0	-58.3	99.9	295.5	54.6*	49.2	-23.5	391.2	999.9	99.9	999.9	118.8	120.
52.2	126.0	14648.4	119.0	-58.5	99.9	296.4	49.2*	44.1	-21.9	394.6	999.9	99.9	999.9	122.1	120.
52.8	127.0	14809.2	116.0	-57.6	99.9	295.1	37.8*	34.3	-16.1	399.1	999.9	99.9	999.9	123.3	120.
53.6	128.0	14974.3	113.0	-58.5	99.9	291.8	31.0*	28.8	-11.5	400.5	999.9	99.9	999.9	124.8	120.
54.3	129.0	15201.7	109.0	-57.0	99.9	293.6	20.1*	18.4	-3.1	407.5	999.9	99.9	999.9	126.4	120.
55.1	130.0	15378.8	106.0	-56.2	99.9	299.3	18.6*	16.2	-3.1	412.3	999.9	99.9	999.9	126.2	120.
55.9	131.0	15623.6	102.0	-55.5	99.9	299.8	33.2*	28.8	-16.5	418.1	999.9	99.9	999.9	128.0	120.
56.6	132.0	15813.5	99.0	-56.5	99.9	299.7	34.0*	29.5	-16.9	419.8	999.9	99.9	999.9	129.5	120.
57.3	133.0	16008.3	96.0	-57.6	99.9	296.2	12.2*	11.0	-5.4	421.3	999.9	99.9	999.9	130.9	120.
57.9	134.0	16141.2	94.0	-57.6	99.9	123.0	37.5*	-31.4	23.4	423.8	999.9	99.9	999.9	132.0	120.
58.6	135.0	16345.9	91.0	-57.6	99.9	121.4	73.9*	-63.1	33.5	427.7	999.9	99.9	999.9	127.4	120.
59.4	136.0	16629.8	87.0	-57.5	99.9	120.4	35.0*	-30.2	17.7	433.6	999.9	99.9	999.9	124.1	120.
60.3	137.0	16851.2	84.0	-58.0	99.9	114.4	8.3*	-7.5	3.4	437.0	999.9	99.9	999.9	123.6	120.
61.2	138.0	17080.1	81.0	-58.7	99.9	306.3	20.0*	16.1	-11.8	440.1	999.9	99.9	999.9	124.0	120.
62.1	139.0	17316.3	78.0	-60.2	99.9	301.2	38.6*	33.0	-20.0	441.7	999.9	99.9	999.9	125.6	120.
63.0	140.0	17644.4	74.0	-60.6	99.9	299.8	61.7*	53.6	-30.7	447.6	999.9	99.9	999.9	127.8	120.
63.9	141.0	17902.0	71.0	-60.8	99.9	299.7	78.2*	68.0	-38.7	452.6	999.9	99.9	999.9	132.5	120.
64.8	142.0	18170.3	68.0	-61.1	99.9	297.4	96.1*	85.3	-44.3	457.5	999.9	99.9	999.9	136.8	120.
65.7	143.0	18450.6	65.0	-61.1	99.9	289.7	55.8*	52.5	-18.8	463.4	999.9	99.9	999.9	142.7	120.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654  
HURON, S D

7 FEBRUARY 1975  
1200 GMT

151 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.7	144.0	18743.1	62.0	-62.6	99.9	168.1	8.7*	-1.8	8.6	466.5	999.9	99.9	999.9	142.3	119.
67.7	145.0	19049.8	59.0	-61.5	99.9	121.7	22.4*	-19.1	11.8	475.6	999.9	99.9	999.9	141.9	119.
68.7	146.0	19373.5	56.0	-61.3	99.9	116.0	44.2*	-39.7	19.3	483.2	999.9	99.9	999.9	139.9	119.
69.9	147.0	19599.6	54.0	-60.6	99.9	61.0	9.9*	-8.6	-4.8	489.9	999.9	99.9	999.9	136.6	119.
71.0	148.0	19956.5	51.0	-59.3	99.9	304.3	33.0*	27.2	-18.6	500.8	999.9	99.9	999.9	138.5	120.
72.2	149.0	20334.9	48.0	-60.8	99.9	307.8	36.0*	28.5	-22.1	506.2	999.9	99.9	999.9	141.0	120.
73.4	150.0	20737.3	45.0	-59.9	99.9	302.4	37.7*	31.8	-20.2	517.8	999.9	99.9	999.9	143.7	120.
74.6	151.0	21168.0	42.0	-60.2	99.9	299.9	27.7*	24.0	-13.8	527.2	999.9	99.9	999.9	146.5	120.
75.9	152.0	21627.7	39.0	-62.6	99.9	299.9	20.8*	18.0	-10.4	532.6	999.9	99.9	999.9	147.7	120.
77.3	153.0	21951.7	37.0	-63.5	99.9	299.9	29.9*	25.9	-14.9	538.3	999.9	99.9	999.9	149.9	120.
78.9	154.0	22471.7	34.0	-62.9	99.9	299.9	5.5*	4.8	-2.8	553.0	999.9	99.9	999.9	153.2	120.
80.6	155.0	23039.2	31.0	-63.9	99.9	5.9	9.0*	-0.9	-8.9	565.2	999.9	99.9	999.9	149.9	120.
82.6	156.0	23665.9	28.0	-62.0	99.9	319.7	9.2*	6.0	-7.0	587.1	999.9	99.9	999.9	153.7	120.
84.3	157.0	24122.8	26.0	-63.3	99.9	349.1	9.3*	1.8	-9.2	596.0	999.9	99.9	999.9	152.3	121.
86.3	158.0	24877.1	23.0	-62.9	99.9	314.6	14.1*	10.0	-9.9	618.4	999.9	99.9	999.9	156.0	121.
88.9	159.0	25732.7	20.0	-65.4	99.9	999.9	99.9	99.9	59.9	636.0	999.9	99.9	999.9	999.9	999.

STATION NO. 655  
ST CLOUD, MINN

5 FEBRUARY 1975  
2315 GMT

163 22. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	316.0	981.0	-11.7	-15.2	320.0	5.7	3.7	-4.4	263.0	266.1	1.2	75.0	0.0	0.
0.1	8.0	323.8	980.0	-11.5	-15.7	273.8	1.5	1.5	-0.1	263.3	266.3	1.1	70.8	0.6	137.
0.2	9.0	394.5	971.0	-12.1	-15.2	273.8	1.5	1.5	-0.1	263.4	266.5	1.2	77.3	0.6	137.
0.6	10.0	465.6	962.0	-12.9	-15.1	305.4	2.2	1.8	-1.2	263.3	266.4	1.2	83.6	0.6	137.
0.8	11.0	553.2	951.0	-14.1	-15.2	327.4	4.2	2.3	-3.5	263.0	266.2	1.2	91.4	0.7	136.
1.1	12.0	625.3	942.0	-14.2	-14.7	339.2	7.9	2.8	-7.4	263.6	266.9	1.3	95.8	0.7	137.
1.4	13.0	668.3	933.0	-13.5	-13.5	346.4	12.3	2.9	-11.9	265.0	268.7	1.4	97.6	0.9	143.
1.6	14.0	772.4	924.0	-11.2	-11.2	348.4	13.2	2.7	-12.9	268.1	272.6	1.7	100.3	1.1	146.
1.8	15.0	847.7	915.0	-10.5	-10.5	349.7	12.0	2.1	-11.8	269.6	274.5	1.9	100.4	1.3	150.
2.1	16.0	940.8	904.0	-10.5	-10.5	350.5	10.3	1.7	-10.1	270.5	275.5	1.9	100.4	1.5	153.
2.5	17.0	1017.9	895.0	-10.4	-10.4	345.6	7.8	1.9	-7.6	271.5	276.5	1.9	100.4	1.6	155.
2.7	18.0	1095.8	886.0	-10.7	-10.7	341.1	7.6	2.5	-7.2	272.0	277.0	1.9	100.3	1.7	155.
3.0	19.0	1174.3	877.0	-10.7	-10.7	334.1	7.5	3.3	-6.7	272.8	277.8	1.9	100.3	1.9	156.
3.2	20.0	1244.9	869.0	-10.7	-10.7	327.5	6.8	3.7	-5.8	273.5	278.6	1.9	100.3	2.0	155.
3.6	21.0	1342.9	858.0	-10.7	-10.7	314.4	6.2	4.4	-4.3	274.5	279.7	2.0	100.3	2.1	154.
3.9	22.0	1424.0	849.0	-11.1	-11.1	311.2	6.4	4.8	-4.2	274.8	280.0	1.9	100.3	2.2	153.
4.1	23.0	1505.9	840.0	-11.1	-11.1	309.1	6.5	5.1	-4.1	275.7	280.9	1.9	100.3	2.3	152.
4.4	24.0	1579.4	832.0	-11.4	-11.4	306.2	6.8	5.5	-4.0	276.1	281.3	1.9	100.2	2.4	151.
4.7	25.0	1662.9	823.0	-11.4	-11.4	303.2	6.4	5.4	-3.5	277.0	282.2	1.9	100.2	2.5	150.
5.0	26.0	1756.8	813.0	-11.4	-11.4	299.7	5.8	5.0	-2.9	278.0	283.3	2.0	100.2	2.6	149.
5.3	27.0	1842.2	804.0	-11.4	-11.4	295.8	5.1	4.6	-2.2	278.9	284.2	2.0	100.2	2.7	148.
5.6	28.0	1918.9	796.0	-11.5	-11.5	292.8	4.9	4.5	-2.9	279.5	284.9	2.0	100.2	2.8	147.
5.9	29.0	1996.4	788.0	-12.1	-12.1	292.9	5.5	5.0	-2.1	279.7	284.9	1.9	100.1	2.8	146.
6.1	30.0	2084.2	779.0	-12.8	-12.8	291.8	5.7	5.3	-2.1	279.8	284.8	1.8	100.0	2.9	145.
6.4	31.0	2162.9	771.0	-13.1	-13.1	288.2	5.7	5.4	-1.8	280.4	285.3	1.8	100.0	3.0	144.
6.7	32.0	2242.4	763.0	-13.5	-13.5	285.5	5.9	5.7	-1.6	280.7	285.6	1.8	99.7	3.1	143.
7.1	33.0	2332.6	754.0	-14.2	-14.2	283.3	6.3	6.2	-1.5	280.9	285.5	1.7	99.6	3.2	141.
7.3	34.0	2413.5	746.0	-14.6	-14.7	283.1	6.8	6.6	-1.5	281.3	285.8	1.6	99.2	3.2	140.
7.7	35.0	2495.2	738.0	-14.9	-15.1	281.7	7.4	7.3	-1.5	281.9	286.3	1.6	98.4	3.4	138.
8.0	36.0	2598.6	728.0	-14.3	-14.5	280.1	7.9	7.7	-1.4	283.6	288.3	1.7	98.7	3.5	137.
8.2	37.0	2682.6	720.0	-13.5	-13.6	279.2	8.0	7.9	-1.3	285.4	290.6	1.8	98.9	3.6	136.
8.6	38.0	2767.6	712.0	-13.8	-14.0	277.9	8.3	8.2	-1.1	286.0	291.1	1.8	98.1	3.7	134.
8.9	39.0	2853.5	704.0	-14.2	-14.7	277.8	8.3	8.2	-1.1	286.5	291.4	1.7	96.2	3.8	133.
9.2	40.0	2940.2	696.0	-14.9	-15.3	278.0	8.3	8.2	-1.1	286.6	291.3	1.6	95.1	4.0	131.
9.6	41.0	3049.6	686.0	-15.5	-16.1	278.1	8.2	8.1	-1.2	287.2	291.7	1.6	94.8	4.1	130.
9.9	42.0	3138.2	678.0	-16.0	-16.7	277.7	8.0	8.0	-1.1	287.5	291.9	1.5	94.4	4.3	129.
10.2	43.0	3216.3	671.0	-16.4	-17.1	276.9	7.9	7.8	-0.9	287.9	292.2	1.5	94.1	4.4	128.
10.5	44.0	3306.5	663.0	-17.0	-17.6	275.9	7.7	7.6	-0.8	288.3	292.4	1.4	95.0	4.5	127.
10.8	45.0	3397.6	655.0	-17.6	-18.1	274.8	7.3	7.3	-0.6	288.5	292.5	1.4	96.1	4.6	126.
11.0	46.0	3489.5	647.0	-18.3	-18.6	274.0	7.1	7.1	-0.5	288.8	292.7	1.4	97.4	4.7	126.
11.3	47.0	3570.7	640.0	-18.9	-18.9	272.7	6.9	6.9	-0.3	289.0	292.9	1.3	99.5	4.8	125.
11.6	48.0	3652.5	633.0	-19.7	-19.3	271.4	6.7	6.7	-0.2	289.0	292.7	1.3	99.3	4.9	124.
11.9	49.0	3746.9	625.0	-20.0	-20.2	270.1	6.7	6.7	-0.0	289.8	293.4	1.2	99.3	5.0	123.
12.2	50.0	3842.4	617.0	-20.9	-21.0	268.5	6.9	6.9	0.2	289.7	293.1	1.2	99.2	5.1	123.
12.7	51.0	3950.9	608.0	-21.3	-21.4	264.8	7.5	7.4	0.7	290.5	293.8	1.1	99.1	5.3	121.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

5 FEBRUARY 1975  
2315 GMT

163 22. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
12.9	52.0	4036.5	601.0	-21.0	-21.3	262.9	7.7	7.7	1.0	291.8	295.2	1.2	97.5	5.4	121.
13.1	53.0	4122.9	594.0	-21.7	-22.1	261.0	8.0	7.9	1.2	291.9	295.2	1.1	96.2	5.4	120.
13.4	54.0	4222.7	586.0	-22.4	-22.8	258.2	8.3	8.1	1.7	292.3	295.4	1.0	96.3	5.6	119.
13.7	55.0	4311.0	579.0	-23.0	-23.0	256.6	8.5	8.3	2.0	292.5	295.4	1.0	94.9	5.7	118.
14.0	56.0	4425.6	570.0	-23.7	-24.4	255.4	8.6	8.4	2.2	293.0	295.8	0.9	93.6	5.8	117.
14.3	57.0	4515.8	563.0	-24.5	-25.2	256.4	8.5	8.3	2.0	293.1	295.8	0.9	93.7	5.9	116.
14.6	58.0	4606.9	556.0	-25.3	-25.9	258.0	8.4	8.2	1.7	293.2	295.8	0.8	94.6	6.0	115.
14.9	59.0	4698.7	549.0	-26.2	-26.7	260.8	8.2	8.1	1.3	293.2	295.6	0.8	95.6	6.1	114.
15.2	60.0	4791.4	542.0	-27.0	-27.4	263.5	8.1	8.0	0.9	293.3	295.6	0.7	96.2	6.3	113.
15.6	61.0	4885.1	535.0	-27.7	-28.0	266.3	8.2	8.1	0.5	293.6	295.8	0.7	97.1	6.4	113.
15.9	62.0	4966.1	529.0	-28.4	-28.3	266.8	8.4	8.4	0.5	293.6	295.7	0.7	96.7	6.6	112.
16.1	63.0	5061.5	522.0	-29.0	-29.4	267.2	8.6	8.6	0.4	294.1	296.1	0.6	96.1	6.6	112.
16.5	64.0	5157.9	515.0	-29.8	-30.2	267.9	9.2	9.2	0.3	294.3	296.1	0.6	96.0	6.8	111.
16.9	65.0	5255.3	508.0	-30.7	-31.2	271.4	9.8	9.8	-0.2	294.3	296.0	0.6	95.6	7.0	110.
17.3	66.0	5367.9	500.0	-31.5	-31.9	274.8	10.4	10.3	-0.9	294.7	296.3	0.5	95.5	7.3	110.
17.6	67.0	5467.6	493.0	-32.3	-32.8	276.5	10.8	10.7	-1.2	294.9	296.4	0.5	95.1	7.5	109.
18.0	68.0	5553.9	487.0	-32.9	-33.5	277.1	11.4	11.3	-1.4	295.1	296.6	0.5	94.6	7.7	109.
18.3	69.0	5655.6	480.0	-33.6	-34.4	276.5	11.9	11.8	-1.3	295.5	296.9	0.4	92.5	7.9	109.
18.7	70.0	5758.6	473.0	-34.4	-36.1	275.8	12.7	12.6	-1.3	295.8	296.9	0.4	84.2	8.2	108.
19.1	71.0	5862.7	466.0	-35.3	-38.1	275.0	13.6	13.5	-1.2	295.9	296.8	0.3	75.4	8.5	108.
19.4	72.0	5967.9	459.0	-36.2	-40.9	274.0	14.3	14.2	-1.0	296.0	296.7	0.2	62.3	8.8	107.
19.8	73.0	6059.1	453.0	-36.9	-42.5	271.4	14.9	14.9	-0.4	296.2	296.9	0.2	55.5	9.1	107.
20.1	74.0	6151.2	447.0	-37.6	-43.6	269.4	15.3	15.3	0.2	296.5	297.1	0.2	52.9	9.4	107.
20.5	75.0	6260.0	440.0	-38.3	-44.5	267.0	15.6	15.6	0.8	297.0	297.6	0.2	51.3	9.7	106.
20.9	76.0	6354.3	434.0	-39.2	-45.3	266.9	15.8	15.8	0.9	297.0	297.5	0.1	45.3	10.1	105.
21.1	77.0	6449.6	428.0	-39.8	-46.3	267.1	15.9	15.9	0.8	297.5	297.9	0.1	47.8	10.3	105.
21.5	78.0	6545.9	422.0	-40.7	99.9	268.1	15.9	15.9	0.5	297.5	999.9	99.9	999.9	10.7	104.
21.9	79.0	6643.2	416.0	-41.7	99.9	268.4	15.8	15.8	0.4	297.5	999.9	99.9	999.9	11.0	104.
22.3	80.0	6741.5	410.0	-42.4	99.9	268.5	15.8	15.8	0.4	297.8	999.9	99.9	999.9	11.4	103.
22.7	81.0	6874.4	402.0	-43.6	99.9	268.8	15.9	15.9	0.3	297.9	999.9	99.9	999.9	11.7	103.
23.1	82.0	6975.3	396.0	-44.3	99.9	269.1	16.2	16.2	0.3	298.3	999.9	99.9	999.9	12.1	102.
23.5	83.0	7060.4	391.0	-45.2	99.9	269.3	16.7	16.7	0.2	298.2	999.9	99.9	999.9	12.5	102.
23.9	84.0	7163.4	385.0	-46.0	99.9	268.7	17.2	17.2	0.4	298.4	999.9	99.9	999.9	12.9	101.
24.2	85.0	7267.7	379.0	-46.9	99.9	268.0	17.4	17.4	0.6	298.6	999.9	99.9	999.9	13.2	101.
24.8	86.0	7391.0	372.0	-47.9	99.9	266.6	17.6	17.6	1.0	298.9	999.9	99.9	999.9	13.8	100.
25.1	87.0	7498.1	366.0	-48.8	99.9	266.2	17.7	17.6	1.2	299.1	999.9	99.9	999.9	14.1	100.
25.5	88.0	7588.3	361.0	-49.7	99.9	265.7	17.8	17.8	1.3	299.1	999.9	99.9	999.9	14.5	100.
25.8	89.0	7697.7	355.0	-50.9	99.9	265.4	18.0	18.0	1.4	298.9	999.9	99.9	999.9	14.9	99.
26.3	90.0	7789.9	350.0	-51.8	99.9	264.7	18.2	18.2	1.7	298.9	999.9	99.9	999.9	15.4	99.
26.7	91.0	7901.8	344.0	-52.6	99.9	263.9	18.3	18.2	1.9	299.3	999.9	99.9	999.9	15.8	98.
27.1	92.0	8015.2	338.0	-53.5	99.9	263.2	18.3	18.2	2.2	299.6	999.9	99.9	999.9	16.3	98.
27.6	93.0	8110.9	333.0	-54.3	99.9	262.2	18.4	18.2	2.5	299.8	999.9	99.9	999.9	16.8	98.
27.9	94.0	8207.7	328.0	-55.3	99.9	261.7	18.4	18.2	2.7	299.7	999.9	99.9	999.9	17.1	97.
28.3	95.0	8305.5	323.0	-56.4	99.9	260.9	18.2	18.0	2.9	299.5	999.9	99.9	999.9	17.5	97.
28.8	96.0	8444.3	316.0	-57.4	99.9	259.8	17.6	17.4	3.1	300.0	999.9	99.9	999.9	18.1	96.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

5 FEBRUARY 1975  
2315 GMT

163 22. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
29.3	97.0	8544.9	311.0	-58.2	99.9	259.7	17.2	16.8	3.4	300.1	999.9	99.9	999.9	18.5	96.
29.6	98.0	8646.7	306.0	-59.1	99.9	259.1	17.1	16.7	3.5	300.3	999.9	99.9	999.9	18.8	96.
30.0	99.0	8749.8	301.0	-59.8	99.9	257.3	17.3	16.9	3.8	300.8	999.9	99.9	999.9	19.2	95.
30.4	100.0	8854.5	296.0	-59.8	99.9	256.5	17.7	17.2	4.1	302.2	999.9	99.9	999.9	19.6	95.
30.9	101.0	9003.9	289.0	-60.3	99.9	255.9	18.2	17.7	4.4	303.5	999.9	99.9	999.9	20.1	94.
31.3	102.0	9112.4	284.0	-61.2	99.9	256.0	18.6	18.0	4.5	303.8	999.9	99.9	999.9	20.5	94.
31.8	103.0	9223.0	279.0	-60.2	99.9	257.1	19.0	18.5	4.2	306.9	999.9	99.9	999.9	21.1	93.
32.2	104.0	9313.1	275.0	-60.2	99.9	258.7	19.2	18.9	3.8	308.1	999.9	99.9	999.9	21.5	93.
32.6	105.0	9427.6	270.0	-60.0	99.9	260.6	19.1	18.9	3.1	310.0	999.9	99.9	999.9	22.0	93.
33.0	106.0	9544.3	265.0	-60.0	99.9	262.4	18.5	18.3	2.4	311.7	999.9	99.9	999.9	22.5	93.
33.4	107.0	9663.2	260.0	-60.0	99.9	263.5	17.4	17.3	2.0	313.4	999.9	99.9	999.9	22.9	92.
33.9	108.0	9760.1	256.0	-59.8	99.9	263.7	16.7	16.6	1.8	315.0	999.9	99.9	999.9	23.3	92.
34.3	109.0	9883.4	251.0	-59.8	99.9	263.1	16.3	16.2	2.0	316.8	999.9	99.9	999.9	23.7	92.
34.8	110.0	10009.1	246.0	-59.6	99.9	261.9	15.6	15.4	2.2	318.9	999.9	99.9	999.9	24.2	92.
35.3	111.0	10137.8	241.0	-58.9	99.9	260.9	14.6	14.5	2.3	321.8	999.9	99.9	999.9	24.7	92.
35.8	112.0	10269.3	236.0	-59.1	99.9	260.9	14.2	14.0	2.3	323.5	999.9	99.9	999.9	25.1	92.
36.2	113.0	10376.6	232.0	-58.4	99.9	261.4	14.3	14.2	2.1	326.1	999.9	99.9	999.9	25.4	91.
36.7	114.0	10486.1	228.0	-58.1	99.9	262.2	14.7	14.6	2.0	328.3	999.9	99.9	999.9	25.8	91.
37.2	115.0	10626.3	223.0	-56.6	99.9	262.8	14.8	14.7	1.9	332.7	999.9	99.9	999.9	26.3	91.
37.9	116.0	10770.4	218.0	-55.9	99.9	264.5	14.6	14.5	1.4	335.9	999.9	99.9	999.9	26.9	91.
38.3	117.0	10888.2	214.0	-55.7	99.9	265.8	14.3	14.3	1.1	337.9	999.9	99.9	999.9	27.3	91.
38.9	118.0	11008.4	210.0	-55.7	99.9	266.9	14.1	14.1	0.8	339.7	999.9	99.9	999.9	27.8	91.
39.6	119.0	11161.8	205.0	-55.7	99.9	265.1	14.8	14.8	1.3	342.1	999.9	99.9	999.9	28.3	91.
39.8	120.0	11255.8	202.0	-55.3	99.9	264.0	15.0	14.9	1.6	344.3	999.9	99.9	999.9	28.5	91.
40.3	121.0	11416.1	197.0	-54.5	99.9	261.5	15.2	15.1	2.2	348.1	999.9	99.9	999.9	29.0	91.
40.9	122.0	11547.5	193.0	-54.5	99.9	261.1	15.4	15.2	2.4	350.1	999.9	99.9	999.9	29.5	90.
41.3	123.0	11681.6	189.0	-54.8	99.9	262.7	15.4	15.2	1.9	351.7	999.9	99.9	999.9	29.9	90.
41.9	124.0	11818.3	185.0	-55.1	99.9	265.5	14.6	14.6	1.2	353.3	999.9	99.9	999.9	30.5	90.
42.4	125.0	11922.7	182.0	-55.3	99.9	265.4	14.0	13.9	1.1	354.7	999.9	99.9	999.9	30.9	90.
43.1	126.0	12100.8	177.0	-54.5	99.9	259.5	13.9	13.7	2.5	358.9	999.9	99.9	999.9	31.4	90.
43.5	127.0	12247.5	173.0	-53.5	99.9	255.7	14.0	13.6	3.5	362.8	999.9	99.9	999.9	31.8	90.
44.1	128.0	12398.3	169.0	-52.9	99.9	255.5	14.2	13.7	3.6	366.3	999.9	99.9	999.9	32.2	90.
44.6	129.0	12552.8	165.0	-52.9	99.9	257.9	14.5	14.2	3.0	368.8	999.9	99.9	999.9	32.7	89.
45.2	130.0	12671.2	162.0	-52.9	99.9	261.3	15.4	15.2	2.3	370.7	999.9	99.9	999.9	33.2	89.
45.8	131.0	12873.1	157.0	-53.8	99.9	264.5	16.4	16.3	1.6	372.5	999.9	99.9	999.9	33.8	89.
46.4	132.0	13038.8	153.0	-54.0	99.9	266.4	16.9	16.9	1.1	375.0	999.9	99.9	999.9	34.4	89.
47.0	133.0	13165.9	150.0	-54.1	99.9	265.3	17.0	16.9	1.4	376.8	999.9	99.9	999.9	35.0	89.
47.5	134.0	13339.3	146.0	-54.1	99.9	262.5	16.8	16.7	2.2	379.7	999.9	99.9	999.9	35.5	89.
48.0	135.0	13472.6	143.0	-53.8	99.9	260.3	16.5	16.2	2.8	382.6	999.9	99.9	999.9	36.0	89.
48.8	136.0	13701.3	138.0	-53.7	99.9	261.5	15.3	15.1	2.3	386.8	999.9	99.9	999.9	36.8	89.
49.4	137.0	13890.2	134.0	-54.1	99.9	264.7	13.9	13.8	1.3	389.2	999.9	99.9	999.9	37.3	89.
50.2	138.0	14084.5	130.0	-54.5	99.9	265.0	13.9	13.8	1.2	392.0	999.9	99.9	999.9	37.9	89.
51.0	139.0	14284.8	126.0	-54.3	99.9	262.5	15.7	15.6	2.0	395.8	999.9	99.9	999.9	38.6	88.
51.7	140.0	14491.3	122.0	-54.8	99.9	261.8	15.6	15.4	2.2	398.6	999.9	99.9	999.9	39.3	88.
52.4	141.0	14704.1	118.0	-55.7	99.9	263.2	14.1	14.0	1.7	400.6	999.9	99.9	999.9	39.9	88.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 655  
ST CLOUD, MINN

5 FEBRUARY 1975  
2315 GMT

163 22. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
53.1	142.0	14867.8	115.0	-56.6	99.9	266.1	14.7	14.6	1.0	402.1	999.9	99.9	999.9	40.4	88.
53.9	143.0	15092.6	111.0	-56.1	99.9	268.0	17.0	17.0	0.6	407.1	999.9	99.9	999.9	41.2	88.
54.6	144.0	15325.7	107.0	-56.6	99.9	268.2	17.4	17.4	0.5	410.4	999.9	99.9	999.9	42.0	88.
55.5	145.0	15567.1	103.0	-57.2	99.9	268.2	16.9	16.9	0.5	413.7	999.9	99.9	999.9	42.9	88.
56.4	146.0	15817.6	99.0	-57.2	99.9	267.5	17.6	17.6	0.8	418.4	999.9	99.9	999.9	43.8	88.
57.2	147.0	16078.3	95.0	-57.4	99.9	265.5	17.5	17.4	1.4	423.0	999.9	99.9	999.9	44.7	88.
58.1	148.0	16281.5	92.0	-56.6	99.9	264.7	19.3	19.2	1.8	428.5	999.9	99.9	999.9	45.6	88.
59.0	149.0	16563.8	88.0	-56.1	99.9	268.5	19.5	19.5	0.5	435.0	999.9	99.9	999.9	46.8	88.
59.9	150.0	16784.1	85.0	-56.7	99.9	277.9	18.0	17.8	-2.5	439.0	999.9	99.9	999.9	47.7	88.
60.9	151.0	17089.1	81.0	-57.4	99.9	285.1	16.4	15.9	-4.3	442.7	999.9	99.9	999.9	48.8	88.
61.9	152.0	17327.2	78.0	-58.2	99.9	280.0	16.1	15.9	-2.8	445.8	999.9	99.9	999.9	49.6	89.
62.9	153.0	17658.0	74.0	-58.9	99.9	274.7	15.8	15.8	-1.3	451.1	999.9	99.9	999.9	50.7	89.
64.0	154.0	17917.3	71.0	-59.6	99.9	273.0	12.6	12.6	-0.7	455.0	999.9	99.9	999.9	51.5	89.
65.0	155.0	18187.3	68.0	-59.6	99.9	277.9	15.7	15.5	-2.1	460.6	999.9	99.9	999.9	52.3	89.
66.0	156.0	18565.7	64.0	-60.5	99.9	285.9	18.6	17.8	-5.1	466.8	999.9	99.9	999.9	53.4	89.
67.1	157.0	18865.0	61.0	-60.2	99.9	292.6	16.5	15.2	-6.3	474.0	999.9	99.9	999.9	54.6	90.
68.3	158.0	19178.3	58.0	-62.0	99.9	296.5	16.2	14.5	-7.2	476.8	999.9	99.9	999.9	55.5	90.
69.6	159.0	19620.2	54.0	-62.1	99.9	291.1	15.7	14.6	-5.7	486.2	999.9	99.9	999.9	56.7	91.
70.9	160.0	19973.1	51.0	-62.5	99.9	291.4	16.9	15.7	-6.2	493.4	999.9	99.9	999.9	57.8	91.
72.2	161.0	20347.0	48.0	-62.7	99.9	297.3	18.8	16.7	-8.6	501.6	999.9	99.9	999.9	59.2	92.
73.6	162.0	20744.0	45.0	-63.6	99.9	295.7	25.1	22.6	-10.9	508.6	999.9	99.9	999.9	60.8	92.
75.1	163.0	21315.3	41.0	-63.6	99.9	295.4	21.8	19.7	-9.4	522.4	999.9	99.9	999.9	62.7	93.
76.6	164.0	21781.0	38.0	-64.2	99.9	304.2	18.0	14.9	-10.1	532.4	999.9	99.9	999.9	64.4	94.
78.4	165.0	22284.1	35.0	-64.4	99.9	295.1	19.3	17.5	-8.2	544.5	999.9	99.9	999.9	66.1	95.
80.2	166.0	22832.3	32.0	-64.2	99.9	296.2	20.2	18.1	-8.9	559.2	999.9	99.9	999.9	68.0	95.
82.0	167.0	23645.7	28.0	-66.2	99.9	291.4	23.2	21.6	-8.5	575.5	999.9	99.9	999.9	70.3	96.
84.1	168.0	24330.7	25.0	-67.4	99.9	297.8	17.5	15.5	-8.2	590.9	999.9	99.9	999.9	72.8	97.
86.4	169.0	25104.9	22.0	-65.4	99.9	999.9	99.9	99.9	99.9	619.0	999.9	99.9	999.9	999.9	999.

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
515 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	316.0	982.1	-17.0	-20.1	310.0	5.1	3.9	-3.3	257.6	259.6	0.8	77.0	0.0	0.
0.2	7.0	370.6	975.0	-15.9	-20.0	294.1	8.7	7.9	-3.6	259.2	261.3	0.8	70.3	0.3	130.
0.5	8.0	463.8	963.0	-17.0	-19.3	294.1	8.7	7.9	-3.6	259.1	261.3	0.9	81.8	0.3	130.
1.0	9.0	557.8	951.0	-17.4	-18.9	305.1	11.7	9.6	-6.7	259.6	261.9	0.9	87.5	0.5	122.
1.2	10.0	644.9	940.0	-18.3	-20.0	311.4	12.7	9.6	-9.4	259.5	261.6	0.8	86.8	0.7	124.
1.9	11.0	756.8	926.0	-18.7	-20.4	325.7	15.9	8.9	-13.1	260.2	262.3	0.8	86.5	1.3	132.
2.2	12.0	854.5	914.0	-16.4	-21.0	327.5	16.3	8.8	-13.8	263.5	265.6	0.8	67.6	1.6	135.
2.6	13.0	945.6	903.0	-16.3	-22.3	329.1	16.4	8.6	-13.9	264.6	266.5	0.7	59.5	2.0	137.
3.0	14.0	1037.8	892.0	-16.6	-22.5	328.7	16.2	8.4	-13.9	265.2	267.1	0.7	60.1	2.3	139.
3.3	15.0	1139.4	880.0	-17.7	-23.5	328.6	16.3	8.5	-13.9	265.1	266.8	0.6	59.9	2.6	140.
3.8	16.0	1250.9	867.0	-17.7	-23.5	325.5	15.7	8.9	-13.0	266.2	268.0	0.7	59.9	3.1	142.
4.1	17.0	1346.7	856.0	-16.6	-23.2	323.1	15.3	9.2	-12.2	268.3	270.2	0.7	56.0	3.4	142.
4.4	18.0	1444.0	845.0	-15.9	-24.9	322.2	15.2	9.3	-12.0	270.0	271.7	0.6	45.4	3.7	142.
4.8	19.0	1542.9	834.0	-15.5	-25.5	322.3	13.6	8.3	-10.8	271.5	273.1	0.6	41.8	4.0	142.
5.1	20.0	1643.2	823.0	-15.0	-26.2	321.1	12.8	8.0	-10.0	273.0	274.5	0.5	37.7	4.3	142.
5.6	21.0	1763.7	810.0	-14.9	-27.2	313.3	13.9	10.1	-9.5	274.3	275.8	0.5	33.7	4.6	142.
5.9	22.0	1857.8	800.0	-14.1	-27.9	308.1	14.7	11.5	-9.1	276.2	277.6	0.5	29.9	4.9	141.
6.3	23.0	1962.9	789.0	-13.9	-26.5	300.1	13.9	12.0	-7.0	277.5	279.1	0.5	33.4	5.2	140.
6.7	24.0	2059.6	779.0	-15.0	-23.1	293.6	13.6	12.4	-5.4	277.3	279.5	0.8	49.9	5.5	138.
7.1	25.0	2157.4	769.0	-14.6	-19.9	291.2	14.3	13.3	-5.2	278.8	281.8	1.1	67.0	5.8	137.
7.5	26.0	2286.6	756.0	-14.8	-18.4	291.5	15.3	14.3	-5.6	280.0	283.3	1.2	73.4	6.2	135.
7.9	27.0	2387.4	746.0	-14.8	-21.8	288.5	15.6	14.8	-4.9	281.1	283.6	0.9	54.9	6.5	134.
8.1	28.0	2489.6	736.0	-15.2	-15.7	287.1	15.7	15.0	-4.6	281.8	286.0	1.5	96.1	6.7	134.
8.5	29.0	2593.1	726.0	-15.0	-15.0	284.4	15.7	15.2	-3.9	283.0	287.6	1.6	100.3	7.0	132.
8.9	30.0	2698.0	716.0	-15.0	-15.2	282.6	15.4	15.0	-3.3	284.2	288.8	1.6	98.9	7.4	130.
9.2	31.0	2793.6	707.0	-15.7	-15.9	281.8	15.2	14.9	-3.1	284.4	288.8	1.6	98.3	7.6	129.
9.6	32.0	2901.1	697.0	-15.9	-17.1	281.4	15.2	14.9	-3.0	285.4	289.5	1.4	90.5	7.9	128.
10.0	33.0	3010.0	687.0	-16.4	-19.5	281.4	15.7	15.4	-3.1	285.9	289.3	1.2	76.3	8.2	127.
10.3	34.0	3109.2	678.0	-16.7	-18.4	281.4	16.3	16.0	-3.2	286.7	290.5	1.3	86.4	8.5	126.
10.7	35.0	3209.5	669.0	-17.4	-19.9	281.5	17.1	16.7	-3.4	287.1	290.4	1.2	80.6	8.8	125.
11.1	36.0	3345.1	657.0	-17.8	-22.0	281.4	17.7	17.3	-3.5	288.1	291.0	1.0	69.5	9.2	124.
11.5	37.0	3448.1	648.0	-18.6	-22.1	280.7	18.0	17.7	-3.4	288.3	291.2	1.0	74.0	9.7	123.
11.9	38.0	3564.0	638.0	-19.3	-21.5	278.3	18.2	18.0	-2.6	288.8	291.9	1.1	81.4	10.1	122.
12.3	39.0	3669.6	629.0	-20.0	-21.2	275.7	18.5	18.4	-1.8	289.2	292.5	1.1	89.9	10.4	121.
12.7	40.0	3776.4	620.0	-20.5	-22.3	273.7	18.8	18.8	-1.2	289.8	292.8	1.0	85.2	10.8	120.
13.1	41.0	3908.7	609.0	-21.4	-23.6	273.0	19.1	19.0	-1.0	290.2	292.9	0.9	82.7	11.3	119.
13.5	42.0	4018.3	600.0	-22.5	-24.8	273.5	19.1	19.1	-1.2	290.1	292.7	0.8	81.1	11.6	118.
13.9	43.0	4129.2	591.0	-23.3	-25.9	274.0	18.7	18.7	-1.3	290.5	292.8	0.8	79.1	12.1	117.
14.2	44.0	4228.8	583.0	-24.2	-28.0	273.9	18.4	18.4	-1.2	290.5	292.5	0.6	70.8	12.4	117.
14.7	45.0	4342.1	574.0	-24.9	-28.3	272.9	18.5	18.5	-1.0	291.0	293.0	0.7	74.9	12.9	116.
15.1	46.0	4444.0	566.0	-25.8	-28.2	272.3	19.3	19.3	-0.8	291.1	293.1	0.7	80.4	13.2	115.
15.3	47.0	4559.9	557.0	-26.8	-29.2	272.1	19.9	19.9	-0.7	291.3	293.2	0.6	79.8	13.5	114.
15.9	48.0	4664.2	549.0	-27.4	-29.6	271.6	21.2	21.2	-0.6	291.7	293.6	0.6	81.4	14.2	113.
16.3	49.0	4769.7	541.0	-28.5	-32.3	271.0	21.4	21.4	-0.4	291.7	293.1	0.5	69.4	14.7	113.
16.7	50.0	4889.9	532.0	-28.9	-34.4	270.6	21.5	21.5	-0.2	292.6	293.8	0.4	58.2	15.2	112.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
515 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.2	51.0	5025.4	522.0	-29.8	-36.9	270.8	21.6	21.6	-0.3	293.1	294.1	0.3	49.6	15.8	111.
17.7	52.0	5135.4	514.0	-30.3	-39.5	271.6	22.1	22.1	-0.6	293.7	294.5	0.2	39.8	16.4	110.
18.1	53.0	5246.7	506.0	-31.4	-40.6	272.1	22.7	22.7	-0.8	293.8	294.5	0.2	35.5	16.9	110.
18.6	54.0	5359.4	498.0	-32.4	-41.5	272.0	23.3	23.3	-0.8	293.8	294.5	0.2	39.7	17.6	109.
19.1	55.0	5473.4	490.0	-33.1	-42.5	271.9	23.9	23.9	-0.8	294.3	294.9	0.2	37.7	18.3	108.
19.6	56.0	5603.4	481.0	-34.3	-44.3	272.3	24.8	24.7	-1.0	294.4	294.9	0.2	35.3	18.9	108.
20.1	57.0	5720.6	473.0	-35.1	-45.6	271.9	25.1	25.1	-0.8	294.9	295.3	0.1	33.0	19.7	107.
20.4	58.0	5824.4	466.0	-35.6	-46.3	270.7	24.6	24.6	-0.3	295.4	295.9	0.1	32.3	20.2	107.
20.9	59.0	5929.5	459.0	-36.6	-47.1	267.8	23.3	23.3	0.9	295.5	295.9	0.1	32.3	20.8	106.
21.3	60.0	6051.1	451.0	-37.8	-48.1	266.1	23.0	22.9	1.6	295.5	295.9	0.1	32.5	21.4	106.
21.9	61.0	6158.7	444.0	-38.7	-48.9	266.1	24.0	23.9	1.6	295.6	296.0	0.1	32.8	22.0	105.
22.3	62.0	6283.4	436.0	-39.4	-49.5	267.1	24.6	24.6	1.2	296.3	296.6	0.1	33.0	22.7	104.
22.8	63.0	6393.9	429.0	-40.5	99.9	268.0	24.3	24.3	0.8	296.4	999.9	99.9	999.9	23.4	104.
23.2	64.0	6505.7	422.0	-41.6	99.9	268.4	23.8	23.8	0.7	296.3	999.9	99.9	999.9	23.9	104.
23.8	65.0	6619.1	415.0	-42.0	99.9	268.8	24.0	24.0	0.5	297.2	999.9	99.9	999.9	24.7	103.
24.5	66.0	6750.5	407.0	-43.3	99.9	268.5	25.0	25.0	0.7	297.3	999.9	99.9	999.9	25.7	103.
25.1	67.0	6867.0	400.0	-44.4	99.9	267.3	25.5	25.5	1.2	297.3	999.9	99.9	999.9	26.6	102.
25.7	68.0	6985.1	393.0	-45.0	99.9	266.3	25.8	25.8	1.7	298.0	999.9	99.9	999.9	27.5	101.
26.1	69.0	7104.9	386.0	-46.1	99.9	266.0	25.5	25.4	1.8	298.0	999.9	99.9	999.9	28.2	101.
26.7	70.0	7208.9	380.0	-47.0	99.9	266.2	24.3	24.3	1.6	298.2	999.9	99.9	999.9	29.0	101.
27.2	71.0	7349.6	372.0	-47.9	99.9	266.5	23.7	23.6	1.5	298.9	999.9	99.9	999.9	29.7	100.
27.8	72.0	7474.6	365.0	-49.1	99.9	266.7	23.4	23.4	1.4	298.9	999.9	99.9	999.9	30.5	100.
28.1	73.0	7583.0	359.0	-50.3	99.9	267.0	23.5	23.4	1.2	298.7	999.9	99.9	999.9	30.9	100.
28.6	74.0	7711.4	352.0	-50.9	99.9	268.5	23.7	23.7	1.6	299.6	999.9	99.9	999.9	31.6	99.
29.0	75.0	7823.1	346.0	-52.0	99.9	271.0	24.3	24.3	-0.4	299.6	999.9	99.9	999.9	32.1	99.
29.3	76.0	7936.3	340.0	-52.5	99.9	273.9	24.6	24.6	-1.7	300.5	999.9	99.9	999.9	32.5	99.
29.7	77.0	8051.1	334.0	-53.4	99.9	278.0	24.0	23.8	-3.4	300.7	999.9	99.9	999.9	33.2	99.
29.9	78.0	8187.3	327.0	-54.0	99.9	280.5	23.2	22.8	-4.2	301.7	999.9	99.9	999.9	33.6	99.
30.3	79.0	8305.8	321.0	-55.2	99.9	286.4	20.3	19.5	-5.7	301.7	999.9	99.9	999.9	34.2	99.
30.7	80.0	8426.0	315.0	-56.2	99.9	292.9	18.0	16.6	-7.0	302.0	999.9	99.9	999.9	34.5	99.
31.3	81.0	8568.6	308.0	-57.0	99.9	297.7	17.6	15.5	-8.2	302.7	999.9	99.9	999.9	35.0	100.
31.7	82.0	8672.1	303.0	-57.5	99.9	296.8	18.1	16.1	-8.2	303.4	999.9	99.9	999.9	35.4	100.
32.1	83.0	8798.4	297.0	-57.7	99.9	294.6	18.1	16.5	-7.5	304.9	999.9	99.9	999.9	35.9	100.
32.7	84.0	8927.1	291.0	-58.0	99.9	291.4	16.2	15.1	-5.9	306.2	999.9	99.9	999.9	36.5	100.
33.1	85.0	9036.2	286.0	-58.5	99.9	289.8	14.6	13.8	-4.9	307.0	999.9	99.9	999.9	36.9	100.
33.9	86.0	9191.9	279.0	-58.7	99.9	285.3	14.9	14.3	-3.9	309.0	999.9	99.9	999.9	37.4	101.
34.4	87.0	9305.5	274.0	-58.7	99.9	282.6	16.6	16.2	-3.6	310.6	999.9	99.9	999.9	38.0	101.
34.9	88.0	9421.1	269.0	-58.9	99.9	282.0	17.4	17.0	-3.6	311.9	999.9	99.9	999.9	38.5	101.
35.5	89.0	9538.9	264.0	-58.7	99.9	283.0	17.3	16.9	-3.9	313.9	999.9	99.9	999.9	39.0	101.
35.9	90.0	9683.4	258.0	-58.4	99.9	283.2	16.3	15.8	-3.7	316.5	999.9	99.9	999.9	39.7	101.
36.2	91.0	9806.6	253.0	-58.4	99.9	282.9	15.3	14.9	-3.4	318.2	999.9	99.9	999.9	39.9	101.
36.9	92.0	9932.0	248.0	-58.9	99.9	282.3	13.7	13.3	-2.9	319.3	999.9	99.9	999.9	40.4	101.
37.4	93.0	10059.8	243.0	-58.9	99.9	282.3	13.2	12.9	-2.8	321.1	999.9	99.9	999.9	40.9	101.
38.1	94.0	10164.2	239.0	-58.2	99.9	279.7	13.6	13.4	-2.3	323.7	999.9	99.9	999.9	41.4	101.
38.8	95.0	10297.7	234.0	-57.0	99.9	276.6	17.0	16.9	-1.9	327.5	999.9	99.9	999.9	41.9	101.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
515 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
39.5	96.0	10462.6	228.0	-55.7	99.9	275.3	18.7	18.6	-1.7	332.0	999.9	99.9	999.9	42.9	101.
40.1	97.0	10604.0	223.0	-55.3	99.9	274.1	15.0	15.0	-1.1	334.6	999.9	99.9	999.9	43.5	101.
40.7	98.0	10719.9	219.0	-53.9	99.9	270.6	12.4	12.4	-0.1	338.6	999.9	99.9	999.9	43.9	100.
41.1	99.0	10838.3	215.0	-53.7	99.9	267.7	12.4	12.4	0.5	340.6	999.9	99.9	999.9	44.1	100.
41.9	100.0	10989.5	210.0	-54.0	99.9	266.6	14.8	14.8	0.9	342.4	999.9	99.9	999.9	44.8	100.
42.6	101.0	11144.2	205.0	-53.7	99.9	268.7	16.2	16.2	0.4	345.3	999.9	99.9	999.9	45.4	100.
43.2	102.0	11303.4	200.0	-52.5	99.9	272.5	16.3	16.3	-0.7	349.7	999.9	99.9	999.9	46.0	100.
43.8	103.0	11433.7	196.0	-53.4	99.9	279.0	15.7	15.5	-2.4	350.2	999.9	99.9	999.9	46.6	100.
44.4	104.0	11566.4	192.0	-53.7	99.9	284.9	16.0	15.4	-4.1	351.8	999.9	99.9	999.9	47.1	100.
45.0	105.0	11701.7	188.0	-53.7	99.9	287.9	17.5	16.6	-5.4	353.9	999.9	99.9	999.9	47.7	100.
45.6	106.0	11875.0	183.0	-53.6	99.9	290.0	17.9	16.8	-5.1	356.9	999.9	99.9	999.9	48.4	100.
46.1	107.0	12017.1	179.0	-53.7	99.9	290.7	16.5	15.4	-5.8	358.9	999.9	99.9	999.9	49.0	100.
46.9	108.0	12162.4	175.0	-53.7	99.9	285.2	14.5	14.0	-3.8	361.3	999.9	99.9	999.9	49.6	100.
47.4	109.0	12273.5	172.0	-53.7	99.9	281.9	14.8	14.5	-3.0	363.0	999.9	99.9	999.9	50.0	100.
48.1	110.0	12424.8	168.0	-53.6	99.9	282.9	15.9	15.5	-3.6	365.8	999.9	99.9	999.9	50.7	100.
48.9	111.0	12619.2	163.0	-53.4	99.9	286.9	16.4	15.7	-4.8	369.2	999.9	99.9	999.9	51.5	100.
49.5	112.0	12779.1	159.0	-53.6	99.9	288.6	14.0	13.2	-4.5	371.6	999.9	99.9	999.9	52.1	101.
50.1	113.0	12901.6	156.0	-53.6	99.9	291.1	10.9	10.2	-1.9	373.6	999.9	99.9	999.9	52.5	101.
50.9	114.0	13068.6	152.0	-53.9	99.9	289.5	10.6	10.0	-3.5	375.8	999.9	99.9	999.9	52.9	101.
51.4	115.0	13196.6	149.0	-53.9	99.9	287.4	9.8	9.4	-2.9	378.0	999.9	99.9	999.9	53.4	101.
52.4	116.0	13371.4	145.0	-53.9	99.9	295.0	12.4	12.0	-3.2	380.9	999.9	99.9	999.9	53.8	101.
53.0	117.0	13551.1	141.0	-53.7	99.9	280.7	13.2	13.0	-2.5	384.3	999.9	99.9	999.9	54.5	101.
53.7	118.0	13689.4	138.0	-53.7	99.9	275.2	10.1	10.1	-0.9	386.7	999.9	99.9	999.9	54.9	101.
54.3	119.0	13830.6	135.0	-53.7	99.9	274.5	10.1	10.1	-0.8	389.1	999.9	99.9	999.9	55.2	101.
54.9	120.0	13975.1	132.0	-53.7	99.9	273.5	12.9	12.9	-0.8	391.6	999.9	99.9	999.9	55.4	101.
55.5	121.0	14172.9	128.0	-53.6	99.9	270.7	15.5	15.5	-0.2	395.3	999.9	99.9	999.9	56.1	101.
56.1	122.0	14325.4	125.0	-53.7	99.9	268.8	15.0	15.0	0.3	397.8	999.9	99.9	999.9	56.7	100.
56.8	123.0	14429.0	123.0	-54.0	99.9	270.5	14.5	14.5	-0.1	399.0	999.9	99.9	999.9	57.2	100.
57.4	124.0	14587.2	120.0	-54.8	99.9	271.8	15.6	15.6	-0.5	400.4	999.9	99.9	999.9	57.8	100.
58.1	125.0	14749.1	117.0	-54.8	99.9	269.9	16.6	16.6	0.0	403.3	999.9	99.9	999.9	58.4	100.
58.9	126.0	14971.3	113.0	-55.3	99.9	268.0	16.4	16.4	0.6	406.4	999.9	99.9	999.9	59.2	100.
59.6	127.0	15085.3	111.0	-55.2	99.9	268.8	17.1	17.1	0.4	408.8	999.9	99.9	999.9	59.8	100.
60.2	128.0	15319.5	107.0	-55.3	99.9	270.2	16.3	16.3	-0.1	412.8	999.9	99.9	999.9	60.6	100.
60.9	129.0	15440.0	105.0	-55.2	99.9	271.4	13.0	13.0	-0.3	415.3	999.9	99.9	999.9	61.2	100.
61.5	130.0	15625.5	102.0	-54.2	99.9	274.5	12.6	12.6	-1.0	420.6	999.9	99.9	999.9	61.4	100.
62.2	131.0	15816.7	99.0	-54.7	99.9	281.6	13.3	13.0	-2.7	423.3	999.9	99.9	999.9	62.1	100.
62.9	132.0	15947.2	97.0	-55.0	99.9	288.2	11.4	10.8	-3.6	425.2	999.9	99.9	999.9	62.7	100.
63.6	133.0	16147.8	94.0	-55.3	99.9	292.2	11.8	10.9	-4.5	428.4	999.9	99.9	999.9	63.0	100.
64.2	134.0	16285.0	92.0	-55.3	99.9	295.0	12.7	11.5	-5.4	431.0	999.9	99.9	999.9	63.6	100.
64.9	135.0	16456.5	89.0	-55.5	99.9	297.5	12.3	10.9	-5.7	434.8	999.9	99.9	999.9	64.0	100.
65.8	136.0	16715.1	86.0	-55.5	99.9	297.2	14.3	12.7	-5.5	437.1	999.9	99.9	999.9	64.7	100.
66.6	137.0	16864.7	84.0	-56.7	99.9	298.2	15.6	13.8	-7.4	439.7	999.9	99.9	999.9	65.4	100.
67.4	138.0	17095.1	81.0	-57.0	99.9	294.4	14.0	12.8	-5.8	443.6	999.9	99.9	999.9	66.2	101.
68.2	139.0	17334.1	78.0	-57.0	99.9	290.4	14.1	13.2	-4.9	448.4	999.9	99.9	999.9	66.7	101.
69.1	140.0	17581.8	75.0	-58.2	99.9	293.3	14.9	13.7	-5.9	450.9	999.9	99.9	999.9	67.6	101.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
515 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
70.0	141.0	17751.9	73.0	-58.4	99.9	294.4	13.2	12.1	-5.5	454.1	999.9	99.9	999.9	68.3	101.
70.9	142.0	17926.7	71.0	-58.2	99.9	290.5	15.7	14.7	-5.5	458.1	999.9	99.9	999.9	69.0	101.
71.8	143.0	18198.5	68.0	-58.4	99.9	287.0	16.2	15.5	-4.7	463.4	999.9	99.9	999.9	69.9	101.
72.6	144.0	18386.1	66.0	-58.9	99.9	283.6	11.9	11.6	-2.8	466.2	999.9	99.9	999.9	70.7	101.
73.5	145.0	18578.6	64.0	-60.1	99.9	277.7	10.8	10.7	-1.5	467.6	999.9	99.9	999.9	70.9	101.
74.5	146.0	18878.2	61.0	-60.1	99.9	277.0	16.4	16.3	-2.0	474.1	999.9	99.9	999.9	72.0	101.
75.4	147.0	19086.1	59.0	-60.5	99.9	286.5	17.7	17.0	-5.0	477.8	999.9	99.9	999.9	72.9	101.
76.4	148.0	19411.2	56.0	-60.5	99.9	293.2	19.6	18.0	-7.7	485.0	999.9	99.9	999.9	74.0	101.
77.4	149.0	19523.5	55.0	-60.1	99.9	295.2	18.9	17.1	-8.0	488.4	999.9	99.9	999.9	75.1	101.
78.4	150.0	19873.3	52.0	-60.5	99.9	298.1	19.8	17.5	-9.3	495.4	999.9	99.9	999.9	76.3	102.
79.3	151.0	20116.8	50.0	-61.9	99.9	297.8	15.5	13.7	-7.2	497.6	999.9	99.9	999.9	77.3	102.
80.3	152.0	20369.1	48.0	-62.3	99.9	295.7	10.0	9.0	-4.4	502.5	999.9	99.9	999.9	77.9	102.
81.4	153.0	20631.4	46.0	-63.2	99.9	288.8	14.6	13.8	-4.7	506.4	999.9	99.9	999.9	78.7	102.
82.5	154.0	20904.4	44.0	-63.6	99.9	282.6	18.1	17.7	-4.0	511.9	999.9	99.9	999.9	79.7	102.
83.8	155.0	21337.2	41.0	-64.7	99.9	282.2	17.8	17.4	-3.8	520.9	999.9	99.9	999.9	81.3	102.
85.1	156.0	21643.0	39.0	-64.6	99.9	282.2	16.5	16.2	-3.5	527.5	999.9	99.9	999.9	82.5	102.
86.2	157.0	21963.5	37.0	-66.0	99.9	280.8	16.5	16.2	-3.1	531.9	999.9	99.9	999.9	83.7	102.
87.6	158.0	22300.6	35.0	-66.2	99.9	276.8	15.0	14.9	-2.8	539.9	999.9	99.9	999.9	85.0	102.
89.1	159.0	22657.1	33.0	-66.4	99.9	282.2	15.9	15.5	-3.4	548.5	999.9	99.9	999.9	86.3	102.
90.5	160.0	23035.9	31.0	-66.2	99.9	286.7	20.2	19.4	-5.8	558.9	999.9	99.9	999.9	87.7	102.
92.0	161.0	23438.1	29.0	-68.3	99.9	287.6	19.2	18.3	-5.8	563.9	999.9	99.9	999.9	89.9	102.
93.8	162.0	23867.4	27.0	-67.9	99.9	282.4	27.9	27.2	-6.0	576.8	999.9	99.9	999.9	91.9	102.
95.5	163.0	24577.4	24.0	-66.8	99.9	283.7	36.9	35.9	-8.7	599.6	999.9	99.9	999.9	95.5	102.
97.4	164.0	25102.5	22.0	-67.4	99.9	293.3	24.0	22.1	-9.5	612.8	999.9	99.9	999.9	98.9	102.
100.0	165.0	25680.0	20.0	-65.2	99.9	282.7	28.8	28.1	-6.3	636.6	999.9	99.9	999.9	103.3	103.
102.3	166.0	26323.6	18.0	-64.0	99.9	289.9	32.2	30.3	-11.0	659.8	999.9	99.9	999.9	107.1	103.
105.3	167.0	27446.1	15.0	-61.9	99.9	282.8	30.7	29.9	-6.8	702.1	999.9	99.9	999.9	112.6	103.
108.8	168.0	28331.4	13.0	-61.9	99.9	999.9	99.9	99.9	99.9	731.4	999.9	99.9	999.9	999.9	999.

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
1115 GMT

158 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	A7 DG
0.0	6.3	316.0	980.4	-20.2	-22.9	310.0	5.7	4.4	-3.7	254.5	256.1	0.6	79.0	0.0	0.
0.3	7.0	372.2	973.0	-20.2	-23.6	296.7	9.9	8.8	-4.4	255.0	256.5	0.6	73.8	0.3	111.
0.5	8.0	464.1	961.0	-20.5	-22.3	296.7	9.9	8.8	-4.4	255.7	257.4	0.7	85.3	0.3	111.
0.8	9.0	549.3	950.0	-20.6	-22.0	305.3	11.0	9.0	-5.4	256.4	258.2	0.7	88.2	0.5	113.
1.2	10.0	635.5	939.0	-20.9	-22.3	318.7	12.9	8.5	-9.7	257.0	258.7	0.7	88.4	0.8	119.
1.6	11.0	746.3	925.0	-21.8	-23.2	330.3	15.2	7.5	-13.2	257.1	258.8	0.6	88.6	1.1	127.
1.9	12.0	834.6	914.0	-20.9	-22.1	333.5	16.3	7.3	-14.6	258.9	260.8	0.7	90.0	1.4	133.
2.2	13.0	924.2	903.0	-20.3	-22.5	331.0	17.5	8.5	-15.3	260.4	262.2	0.7	82.6	1.6	137.
2.5	14.0	1015.0	892.0	-20.3	-23.6	326.5	19.0	10.5	-15.8	261.3	263.0	0.6	74.9	2.0	139.
2.8	15.0	1107.3	881.0	-18.0	-20.2	322.7	20.0	12.1	-15.9	264.6	267.0	0.9	83.1	2.3	140.
3.2	16.0	1210.0	869.0	-17.2	-17.2	318.4	20.4	13.5	-15.2	266.6	269.6	1.1	100.0	2.8	140.
3.5	17.0	1305.7	858.0	-16.7	-16.8	315.2	19.8	13.9	-14.0	268.1	271.3	1.2	98.7	3.2	140.
3.9	18.0	1402.8	847.0	-16.2	-16.6	311.0	17.9	13.5	-11.8	269.5	272.8	1.2	97.2	3.6	139.
4.2	19.0	1492.4	837.0	-15.1	-17.4	309.2	17.7	13.8	-11.2	271.6	274.8	1.2	82.9	3.9	138.
4.6	20.0	1583.4	827.0	-14.7	-18.2	307.9	18.4	14.5	-11.3	273.0	276.0	1.1	74.9	4.4	137.
5.0	21.0	1703.3	814.0	-15.1	-20.8	307.0	19.4	15.5	-11.6	273.8	276.2	0.9	62.0	4.8	136.
5.3	22.0	1796.7	804.0	-15.4	-31.2	306.3	19.6	15.8	-11.6	274.4	275.4	0.3	24.4	5.2	135.
5.7	23.0	1891.1	794.0	-16.0	-31.0	305.7	20.7	16.8	-12.1	274.8	275.8	0.4	26.0	5.6	135.
6.0	24.0	1996.1	783.0	-16.7	-31.5	305.4	22.1	18.0	-12.8	275.1	276.1	0.3	26.0	6.0	134.
6.3	25.0	2092.7	773.0	-16.8	-30.9	303.7	21.4	17.8	-11.9	276.0	277.1	0.4	28.2	6.4	133.
6.7	26.0	2210.1	761.0	-16.9	-30.2	300.3	20.3	17.5	-10.3	277.1	278.3	0.4	30.3	6.9	133.
7.1	27.0	2299.3	752.0	-17.6	-31.4	295.9	19.1	17.2	-8.4	277.3	278.4	0.4	28.6	7.3	132.
7.4	28.0	2399.5	742.0	-17.6	-32.3	293.4	18.5	16.9	-7.3	278.3	279.4	0.3	26.4	7.7	131.
7.7	29.0	2501.1	732.0	-17.6	-27.2	291.2	17.8	16.6	-5.5	279.4	281.1	0.6	42.8	8.0	130.
8.0	30.0	2593.6	723.0	-18.3	-28.1	289.2	17.3	16.3	-5.7	279.7	281.2	0.5	41.4	8.3	129.
8.4	31.0	2697.4	713.0	-19.2	-29.3	288.0	16.8	16.0	-5.2	279.7	281.1	0.5	40.4	8.6	128.
8.7	32.0	2791.8	704.0	-20.1	-28.0	287.5	16.8	16.0	-5.0	279.9	281.4	0.5	48.8	8.9	128.
9.0	33.0	2887.0	695.0	-21.0	-28.5	287.2	16.8	16.1	-5.0	279.8	281.4	0.5	50.8	9.2	127.
9.4	34.0	2983.1	686.0	-21.9	-25.8	287.5	17.6	16.8	-5.3	279.9	281.8	0.7	70.7	9.6	126.
9.7	35.0	3091.0	676.0	-22.9	-25.8	287.8	18.2	17.3	-5.6	280.0	282.0	0.7	76.6	9.9	126.
10.1	36.0	3211.5	665.0	-22.3	-23.7	288.3	18.8	17.8	-5.9	281.9	284.4	0.8	88.9	10.3	125.
10.4	37.0	3311.5	656.0	-22.9	-23.9	288.8	18.8	17.8	-5.1	282.4	284.9	0.8	91.3	10.7	124.
10.7	38.0	3412.8	647.0	-23.1	-24.0	289.3	18.8	17.7	-6.2	283.2	285.7	0.8	92.5	11.0	124.
11.1	39.0	3515.6	638.0	-22.5	-23.1	290.0	18.9	17.8	-6.5	285.1	287.8	0.9	94.2	11.4	123.
11.5	40.0	3608.2	630.0	-22.9	-23.9	290.3	19.8	18.5	-6.8	285.7	288.3	0.9	91.1	11.8	123.
11.8	41.0	3737.4	619.0	-23.0	-24.5	289.3	20.5	19.4	-5.8	287.0	289.5	0.8	87.7	12.2	123.
12.2	42.0	3832.6	611.0	-23.8	-25.2	287.9	21.3	20.3	-5.5	287.1	289.5	0.8	87.8	12.7	122.
12.5	43.0	3940.8	602.0	-24.6	-25.6	286.5	21.7	20.8	-5.2	287.4	289.8	0.8	91.1	13.2	122.
12.8	44.0	4038.2	594.0	-25.0	-26.1	286.4	22.2	21.3	-5.3	288.1	290.3	0.8	90.9	13.4	121.
13.2	45.0	4136.7	586.0	-25.5	-27.0	287.2	22.8	21.8	-6.8	288.6	290.7	0.7	87.6	13.9	120.
13.5	46.0	4248.8	577.0	-26.3	-28.0	288.4	23.3	22.1	-7.4	288.9	290.9	0.7	85.4	14.4	120.
13.8	47.0	4349.6	569.0	-27.0	-28.9	289.6	22.9	21.6	-7.7	289.3	291.1	0.6	84.0	14.9	120.
14.2	48.0	4451.6	561.0	-27.7	-30.1	291.0	22.1	20.7	-7.9	289.6	291.3	0.6	79.4	15.4	119.
14.6	49.0	4554.8	553.0	-28.3	-31.1	292.3	21.1	19.5	-3.0	290.0	291.6	0.5	77.2	15.9	119.
14.9	50.0	4659.3	545.0	-28.6	-31.8	293.5	20.4	18.7	-3.1	290.9	292.4	0.5	73.6	16.2	119.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
1115 GMT

150 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DEG
15.3	51.0	4791.9	535.0	=28.7	=32.5	295.3	19.7	17.8	=8.4	292.3	293.8	0.5	70.0	16.7	119.
15.7	52.0	4886.1	528.0	=29.7	=33.3	297.0	19.1	17.1	=3.7	292.3	293.6	0.4	70.2	17.2	119.
16.1	53.0	4994.8	520.0	=30.3	=33.9	298.1	19.0	16.7	=1.9	292.8	294.1	0.4	70.3	17.6	119.
16.4	54.0	5104.9	512.0	=31.4	=34.3	298.0	19.2	16.9	=9.0	292.8	294.0	0.4	75.2	18.0	119.
16.9	55.0	5202.3	505.0	=31.8	=34.7	296.5	19.5	17.4	=0.7	293.4	294.7	0.4	75.2	18.5	119.
17.2	56.0	5343.5	495.0	=32.7	=35.7	295.8	19.6	17.6	=8.5	294.0	295.1	0.4	74.7	18.9	119.
17.6	57.0	5443.6	488.0	=33.4	=36.4	295.4	19.7	17.8	=8.4	294.4	295.4	0.3	73.7	19.4	119.
18.0	58.0	5544.9	481.0	=34.3	=37.6	295.1	20.3	18.2	=8.9	294.4	295.4	0.3	70.3	19.8	119.
18.4	59.0	5647.3	474.0	=35.3	=38.0	297.6	21.2	18.7	=9.8	294.5	295.4	0.3	76.1	20.3	119.
18.7	60.0	5765.7	466.0	=36.0	=38.7	298.5	21.6	19.0	=13.3	295.1	296.0	0.3	75.6	20.7	119.
19.0	61.0	5870.8	459.0	=36.5	=39.3	299.2	21.9	19.1	=17.7	295.7	296.6	0.3	75.2	21.2	119.
19.3	62.0	5977.1	452.0	=37.4	=40.1	298.7	21.9	19.3	=17.5	295.8	296.6	0.3	76.0	21.5	119.
19.7	63.0	6084.7	445.0	=38.4	=41.3	297.6	22.1	19.4	=10.2	295.9	296.6	0.2	71.4	22.0	119.
20.1	64.0	6193.5	438.0	=39.2	=42.8	296.1	22.3	20.0	=9.8	296.2	296.8	0.2	68.3	22.6	119.
20.4	65.0	6287.9	432.0	=39.8	=43.7	295.4	22.3	20.1	=7.6	296.6	297.2	0.2	65.5	23.0	118.
20.9	66.0	6431.6	423.0	=40.8	99.9	296.6	22.0	19.7	=7.8	297.2	999.9	99.9	999.9	23.6	118.
21.3	67.0	6544.9	416.0	=41.6	99.9	298.4	21.3	18.7	=17.1	297.6	999.9	99.9	999.9	24.2	118.
21.6	68.0	6659.8	409.0	=42.6	99.9	299.7	20.6	17.9	=17.2	297.8	999.9	99.9	999.9	24.6	118.
22.0	69.0	6759.5	403.0	=43.3	99.9	300.9	19.4	16.6	=9.9	298.1	999.9	99.9	999.9	25.0	118.
22.4	70.0	6877.3	396.0	=44.0	99.9	299.8	18.7	16.2	=9.3	298.7	999.9	99.9	999.9	25.5	118.
22.9	71.0	7013.9	388.0	=45.1	99.9	296.7	18.5	16.5	=8.3	298.9	999.9	99.9	999.9	26.0	119.
23.4	72.0	7117.7	382.0	=46.2	99.9	292.7	18.6	17.1	=7.2	298.9	999.9	99.9	999.9	26.6	118.
23.7	73.0	7222.8	376.0	=46.9	99.9	290.6	18.6	17.4	=6.5	299.3	999.9	99.9	999.9	26.9	118.
24.1	74.0	7347.1	369.0	=47.9	99.9	289.2	18.6	17.7	=5.8	299.5	999.9	99.9	999.9	27.3	118.
24.5	75.0	7436.9	364.0	=48.8	99.9	286.5	18.6	17.9	=5.3	299.5	999.9	99.9	999.9	27.8	118.
25.0	76.0	7564.2	357.0	=49.8	99.9	286.1	18.9	18.2	=5.3	299.9	999.9	99.9	999.9	28.3	118.
25.4	77.0	7674.8	351.0	=50.8	99.9	286.6	19.4	18.6	=5.5	299.9	999.9	99.9	999.9	28.8	118.
25.8	78.0	7768.1	346.0	=51.6	99.9	286.3	19.6	18.8	=5.5	300.1	999.9	99.9	999.9	29.3	117.
26.2	79.0	7881.3	340.0	=52.7	99.9	285.1	19.4	18.7	=5.0	300.1	999.9	99.9	999.9	29.8	117.
26.7	80.0	7996.0	334.0	=53.7	99.9	281.9	18.9	18.5	=3.9	300.3	999.9	99.9	999.9	30.3	117.
27.1	81.0	8131.8	327.0	=54.8	99.9	279.2	18.8	18.6	=3.0	300.6	999.9	99.9	999.9	30.7	117.
27.5	82.0	8230.2	322.0	=55.7	99.9	277.5	19.1	19.0	=2.5	300.8	999.9	99.9	999.9	31.2	117.
28.0	83.0	8349.8	316.0	=56.3	99.9	273.7	19.1	18.8	=2.9	301.4	999.9	99.9	999.9	31.6	116.
28.3	84.0	8451.0	311.0	=57.0	99.9	280.8	18.6	18.2	=3.5	301.9	999.9	99.9	999.9	32.1	116.
28.9	85.0	8574.5	305.0	=56.3	99.9	285.5	18.2	17.5	=4.9	304.5	999.9	99.9	999.9	32.6	116.
29.4	86.0	8700.6	299.0	=56.7	99.9	288.8	18.9	17.9	=5.1	305.8	999.9	99.9	999.9	33.2	116.
29.7	87.0	8828.8	293.0	=57.5	99.9	289.7	19.4	18.2	=6.5	306.3	999.9	99.9	999.9	33.6	115.
30.0	88.0	8937.4	288.0	=58.1	99.9	290.3	19.8	18.6	=6.9	307.1	999.9	99.9	999.9	33.9	115.
30.4	89.0	9047.5	283.0	=59.1	99.9	289.0	20.6	19.5	=6.7	307.1	999.9	99.9	999.9	34.3	115.
30.8	90.0	9181.6	277.0	=59.8	99.9	287.2	21.1	20.2	=6.2	308.0	999.9	99.9	999.9	34.8	115.
31.1	91.0	9272.4	273.0	=60.2	99.9	285.9	21.2	20.3	=5.8	308.7	999.9	99.9	999.9	35.3	115.
31.5	92.0	9387.6	268.0	=60.7	99.9	284.8	20.2	19.6	=5.2	309.6	999.9	99.9	999.9	35.9	115.
31.8	93.0	9504.6	263.0	=61.1	99.9	285.9	19.7	18.9	=5.4	310.7	999.9	99.9	999.9	36.1	115.
32.3	94.0	9623.7	258.0	=61.7	99.9	289.1	20.2	19.1	=6.6	311.6	999.9	99.9	999.9	36.6	115.
32.7	95.0	9745.1	253.0	=60.9	99.9	291.5	21.8	20.3	=8.0	314.4	999.9	99.9	999.9	37.1	115.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
1115 GMT

150 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
33.2	96.0	9894.4	247.0	-59.3	99.9	292.8	24.6	22.6	-9.5	319.0	999.9	99.9	999.9	37.8	115.
33.7	97.0	9997.1	243.0	-59.7	99.9	293.0	26.4	24.3	-10.3	320.0	999.9	99.9	999.9	38.6	115.
34.1	98.0	10127.6	238.0	-58.1	99.9	293.2	26.3	24.2	-10.4	324.3	999.9	99.9	999.9	39.4	115.
34.6	99.0	10235.0	234.0	-55.5	99.9	293.9	23.2	21.2	-9.4	329.8	999.9	99.9	999.9	40.1	115.
35.0	100.0	10372.8	229.0	-55.3	99.9	294.2	19.4	17.7	-7.9	332.1	999.9	99.9	999.9	40.7	115.
35.5	101.0	10514.4	224.0	-53.0	99.9	292.9	14.9	13.7	-5.8	337.7	999.9	99.9	999.9	41.2	115.
36.0	102.0	10659.8	219.0	-53.2	99.9	289.6	13.3	12.5	-4.5	339.6	999.9	99.9	999.9	41.5	115.
36.4	103.0	10778.6	215.0	-53.4	99.9	288.6	14.1	13.3	-4.5	341.1	999.9	99.9	999.9	41.7	115.
36.9	104.0	10899.5	211.0	-53.2	99.9	289.2	14.0	13.2	-4.6	343.2	999.9	99.9	999.9	42.4	114.
37.4	105.0	11022.6	207.0	-53.8	99.9	290.3	12.9	12.1	-4.5	344.1	999.9	99.9	999.9	42.7	114.
37.8	106.0	11147.9	203.0	-54.2	99.9	290.8	13.6	12.7	-4.8	345.5	999.9	99.9	999.9	42.9	114.
38.3	107.0	11275.4	199.0	-54.5	99.9	291.4	16.1	15.0	-5.9	347.0	999.9	99.9	999.9	43.3	114.
38.8	108.0	11405.7	195.0	-53.8	99.9	292.7	18.0	16.6	-7.0	350.0	999.9	99.9	999.9	44.0	114.
39.3	109.0	11530.7	191.0	-54.0	99.9	294.5	18.9	17.2	-7.8	351.9	999.9	99.9	999.9	44.4	114.
39.8	110.0	11674.5	187.0	-54.2	99.9	296.4	19.4	17.3	-9.6	353.7	999.9	99.9	999.9	45.0	114.
40.3	111.0	11813.3	183.0	-53.8	99.9	297.8	18.9	16.7	-8.8	356.4	999.9	99.9	999.9	45.7	114.
40.9	112.0	11955.5	179.0	-53.2	99.9	298.6	17.3	15.2	-8.3	359.8	999.9	99.9	999.9	46.3	114.
41.4	113.0	12101.5	175.0	-52.1	99.9	298.1	15.9	14.1	-7.5	363.9	999.9	99.9	999.9	46.8	114.
41.9	114.0	12213.5	172.0	-51.9	99.9	296.8	14.9	13.3	-6.7	366.0	999.9	99.9	999.9	47.3	115.
42.4	115.0	12366.1	168.0	-51.6	99.9	296.7	15.1	13.5	-6.8	369.0	999.9	99.9	999.9	47.6	115.
43.0	116.0	12561.6	163.0	-52.7	99.9	299.8	16.5	14.3	-9.2	370.3	999.9	99.9	999.9	48.3	115.
43.5	117.0	12681.6	160.0	-52.7	99.9	303.5	17.4	14.5	-9.6	372.3	999.9	99.9	999.9	48.7	115.
44.0	118.0	12803.8	157.0	-52.7	99.9	305.0	17.7	14.5	-10.1	374.3	999.9	99.9	999.9	49.2	115.
44.5	119.0	12970.3	153.0	-52.9	99.9	303.3	16.4	13.7	-9.0	376.8	999.9	99.9	999.9	49.9	115.
45.0	120.0	13098.1	150.0	-53.0	99.9	300.8	14.0	12.1	-7.2	378.7	999.9	99.9	999.9	50.3	115.
45.5	121.0	13228.2	147.0	-53.5	99.9	300.1	12.4	10.7	-5.2	380.1	999.9	99.9	999.9	50.5	115.
46.0	122.0	13405.4	143.0	-54.0	99.9	299.3	12.3	10.8	-5.0	382.2	999.9	99.9	999.9	51.2	115.
46.4	123.0	13541.3	140.0	-54.7	99.9	297.3	13.5	12.0	-6.2	383.4	999.9	99.9	999.9	51.1	115.
46.9	124.0	13679.8	137.0	-55.3	99.9	295.6	14.6	13.2	-6.3	384.6	999.9	99.9	999.9	51.8	115.
47.3	125.0	13820.9	134.0	-55.8	99.9	295.4	14.9	13.4	-6.4	386.2	999.9	99.9	999.9	52.1	115.
48.1	126.0	14014.3	130.0	-54.7	99.9	297.0	17.3	15.4	-7.8	391.6	999.9	99.9	999.9	52.8	115.
48.7	127.0	14163.7	127.0	-54.7	99.9	297.9	20.2	17.9	-9.5	394.2	999.9	99.9	999.9	53.5	115.
49.3	128.0	14316.7	124.0	-54.5	99.9	298.1	19.2	16.9	-9.0	397.2	999.9	99.9	999.9	54.3	115.
49.8	129.0	14473.5	121.0	-54.7	99.9	299.1	16.0	14.0	-7.8	399.7	999.9	99.9	999.9	54.9	115.
50.3	130.0	14632.8	118.0	-55.8	99.9	300.8	14.1	12.1	-7.2	400.5	999.9	99.9	999.9	55.2	115.
51.0	131.0	14798.0	115.0	-55.0	99.9	301.0	16.1	13.8	-3.3	405.0	999.9	99.9	999.9	55.7	115.
51.5	132.0	14966.9	112.0	-55.2	99.9	300.6	17.5	15.1	-7.9	407.7	999.9	99.9	999.9	56.4	115.
52.1	133.0	15140.4	109.0	-54.7	99.9	300.6	15.9	13.7	-8.1	411.8	999.9	99.9	999.9	57.0	115.
52.7	134.0	15258.8	107.0	-55.2	99.9	299.2	13.3	11.6	-6.5	413.1	999.9	99.9	999.9	57.5	115.
53.3	135.0	15440.2	104.0	-55.5	99.9	296.9	12.2	10.9	-5.5	415.8	999.9	99.9	999.9	57.9	115.
54.0	136.0	15626.6	101.0	-56.2	99.9	297.6	13.8	12.2	-5.4	418.0	999.9	99.9	999.9	58.4	115.
54.8	137.0	15818.1	98.0	-56.3	99.9	301.1	14.0	12.7	-7.6	421.3	999.9	99.9	999.9	59.1	115.
55.7	138.0	16015.7	95.0	-56.2	99.9	300.9	15.5	13.3	-8.0	425.4	999.9	99.9	999.9	59.9	116.
56.4	139.0	16219.4	92.0	-56.5	99.9	298.2	15.0	13.2	-7.1	428.7	999.9	99.9	999.9	60.7	116.
57.2	140.0	16501.6	88.0	-56.3	99.9	295.9	13.7	12.3	-6.0	434.5	999.9	99.9	999.9	61.2	116.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
1115 GMT

158 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
58.0	141.0	16721.6	85.0	-57.0	99.9	295.6	8.3	7.5	-3.6	437.4	999.9	99.9	999.9	62.1	116.
58.8	142.0	16872.2	83.0	-57.4	99.9	298.3	8.3	7.3	-3.9	439.7	999.9	99.9	999.9	62.0	116.
59.5	143.0	17104.4	80.0	-58.2	99.9	300.5	13.7	11.8	-5.9	442.6	999.9	99.9	999.9	62.7	116.
60.3	144.0	17345.1	77.0	-58.1	99.9	298.7	15.1	13.2	-7.2	447.8	999.9	99.9	999.9	63.3	116.
61.0	145.0	17595.5	74.0	-58.1	99.9	296.1	17.9	16.0	-7.8	453.0	999.9	99.9	999.9	64.0	116.
61.8	146.0	17856.2	71.0	-58.2	99.9	295.7	17.1	15.4	-7.4	458.0	999.9	99.9	999.9	64.9	116.
62.7	147.0	18128.1	68.0	-58.1	99.9	295.9	13.0	11.7	-5.7	464.0	999.9	99.9	999.9	65.7	116.
63.5	148.0	18315.4	66.0	-59.8	99.9	297.8	16.3	14.4	-7.6	464.2	999.9	99.9	999.9	66.2	116.
64.5	149.0	18606.0	63.0	-59.8	99.9	302.7	15.3	12.9	-8.3	470.4	999.9	99.9	999.9	67.2	116.
65.5	150.0	18910.7	60.0	-60.2	99.9	301.1	16.2	13.9	-9.4	476.2	999.9	99.9	999.9	68.3	116.
66.4	151.0	19121.8	58.0	-60.9	99.9	300.2	18.2	15.7	-7.2	479.1	999.9	99.9	999.9	69.1	116.
67.3	152.0	19451.3	55.0	-61.7	99.9	294.3	20.2	17.8	-9.6	484.8	999.9	99.9	999.9	70.2	116.
68.3	153.0	19798.8	52.0	-61.7	99.9	292.4	17.2	15.9	-8.5	492.6	999.9	99.9	999.9	71.4	116.
69.4	154.0	20041.2	50.0	-62.6	99.9	286.7	15.9	15.3	-8.6	495.9	999.9	99.9	999.9	72.4	116.
70.7	155.0	20421.2	47.0	-64.4	99.9	271.1	18.6	17.3	-5.7	500.6	999.9	99.9	999.9	73.7	116.
71.9	156.0	20825.3	44.0	-63.6	99.9	297.9	17.1	15.1	-3.0	512.0	999.9	99.9	999.9	75.1	116.
73.1	157.0	21109.8	42.0	-65.2	99.9	304.4	17.8	14.7	-10.1	515.0	999.9	99.9	999.9	76.2	116.
74.4	158.0	21560.8	39.0	-65.6	99.9	296.5	24.2	21.7	-10.8	524.9	999.9	99.9	999.9	77.8	116.
76.0	159.0	22044.9	36.0	-67.7	99.9	293.2	15.6	14.3	-6.1	531.7	999.9	99.9	999.9	80.1	116.
77.7	160.0	22387.8	34.0	-69.0	99.9	294.4	23.2	21.1	-9.6	537.0	999.9	99.9	999.9	81.5	116.
79.4	161.0	22941.7	31.0	-67.9	99.9	292.4	26.4	24.4	-10.0	554.3	999.9	99.9	999.9	84.4	116.
81.2	162.0	23553.9	28.0	-67.7	99.9	999.9	99.9	99.9	9.9	571.3	999.9	99.9	999.9	999.9	999.
82.8	163.0	24232.3	25.0	-69.9	99.9	999.9	99.9	99.9	99.9	583.7	999.9	99.9	999.9	999.9	999.

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
1500 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	316.0	980.7	-19.1	-21.7	310.0	5.7	4.4	-3.7	255.6	257.3	0.7	80.0	0.0	0.
0.2	7.0	390.0	971.0	-19.3	-22.5	318.1	12.6	8.4	-9.4	256.1	257.8	0.6	75.5	0.2	127.
0.6	8.0	474.6	960.0	-19.8	-21.9	320.5	12.9	8.2	-9.9	256.4	258.2	0.7	83.5	0.3	130.
1.0	9.0	575.8	947.0	-20.1	-21.8	329.1	14.0	7.2	-12.1	257.1	259.0	0.7	86.1	0.6	135.
1.3	10.0	670.4	935.0	-20.1	-21.0	333.5	15.1	6.7	-13.5	258.1	260.0	0.7	87.3	0.8	142.
1.8	11.0	790.2	920.0	-20.5	-21.9	335.1	15.7	6.6	-14.2	258.8	260.7	0.7	88.4	1.3	147.
2.1	12.0	887.5	908.0	-20.0	-21.4	335.1	15.5	6.5	-14.1	260.4	262.4	0.8	88.1	1.6	148.
2.5	13.0	978.4	897.0	-17.6	-19.0	338.4	15.1	5.6	-14.1	263.7	266.2	0.9	89.2	2.0	149.
2.9	14.0	1079.7	885.0	-15.2	-24.0	342.6	15.2	4.5	-14.5	267.2	268.9	0.6	46.6	2.3	152.
3.1	15.0	1183.0	873.0	-14.6	-24.0	343.5	14.9	4.3	-14.3	268.8	270.6	0.6	44.7	2.5	152.
3.6	16.0	1305.2	859.0	-15.7	-25.5	341.4	14.0	4.5	-13.3	268.9	270.5	0.6	42.6	2.9	154.
4.0	17.0	1402.3	848.0	-16.3	-27.5	337.4	14.6	5.6	-13.5	269.3	270.6	0.5	37.2	3.2	155.
4.3	18.0	1500.4	837.0	-17.0	-28.5	337.6	15.6	5.9	-14.4	269.6	270.8	0.4	35.9	3.5	155.
4.7	19.0	1599.6	826.0	-17.4	-28.1	337.3	16.3	6.3	-13.0	270.2	271.5	0.5	38.3	3.9	155.
5.1	20.0	1709.1	814.0	-18.3	-27.5	335.6	16.2	6.7	-14.8	270.3	271.7	0.5	44.1	4.3	155.
5.5	21.0	1829.1	801.0	-19.1	-27.7	331.1	15.8	7.6	-13.8	270.7	272.1	0.5	46.5	4.7	155.
6.0	22.0	1931.9	790.0	-19.8	-28.6	329.7	17.3	8.8	-15.0	271.0	272.3	0.5	45.4	5.1	155.
6.2	23.0	2035.8	779.0	-20.8	-29.5	328.5	18.0	9.4	-15.4	271.1	272.3	0.4	45.1	5.4	154.
6.7	24.0	2140.8	768.0	-21.4	-29.1	324.6	18.2	10.5	-14.8	271.5	272.8	0.4	49.7	6.0	154.
7.0	25.0	2237.3	758.0	-22.4	-27.9	320.7	16.8	10.6	-13.0	271.5	273.0	0.5	60.5	6.3	153.
7.5	26.0	2364.1	745.0	-23.6	-28.2	318.9	16.9	11.1	-12.7	271.6	273.0	0.5	65.3	6.7	152.
7.9	27.0	2472.7	734.0	-24.4	-27.9	317.8	17.3	11.6	-12.8	271.8	273.3	0.5	72.2	7.1	151.
8.2	28.0	2572.6	724.0	-25.1	-27.4	317.8	17.9	12.0	-13.3	272.0	273.6	0.6	81.2	7.4	151.
8.7	29.0	2673.4	714.0	-26.3	-27.5	318.8	19.3	12.7	-14.5	271.8	273.4	0.6	90.2	7.9	150.
9.1	30.0	2775.4	704.0	-26.2	-31.1	319.5	20.1	13.0	-15.3	273.0	274.2	0.4	62.8	8.4	149.
9.4	31.0	2889.8	693.0	-24.4	-35.9	319.5	20.0	13.0	-13.2	276.3	277.1	0.3	33.1	8.9	149.
10.0	32.0	2996.0	683.0	-22.9	-39.0	317.1	19.0	13.0	-13.9	279.1	279.7	0.2	21.1	9.5	148.
10.4	33.0	3093.6	674.0	-21.2	-37.6	313.5	18.0	13.0	-12.4	282.1	282.8	0.2	21.0	10.0	148.
10.8	34.0	3203.9	664.0	-21.3	-37.7	310.1	16.7	12.8	-10.8	283.2	283.8	0.2	21.0	10.4	147.
11.1	35.0	3315.7	654.0	-22.1	-38.4	308.0	15.9	12.5	-9.8	283.5	284.1	0.2	21.0	10.7	146.
11.7	36.0	3440.1	643.0	-23.7	-39.5	306.7	15.5	12.4	-7.3	283.0	283.6	0.2	21.6	11.1	145.
12.0	37.0	3554.5	633.0	-24.0	-39.7	306.7	15.9	12.8	-7.5	284.0	284.6	0.2	21.6	11.4	145.
12.3	38.0	3659.1	624.0	-23.8	-39.6	305.2	16.4	13.4	-9.5	285.3	285.9	0.2	21.6	11.7	145.
12.7	39.0	3777.2	614.0	-23.3	-39.2	302.3	16.7	14.1	-8.9	287.3	287.9	0.2	21.5	12.1	144.
13.1	40.0	3885.5	605.0	-22.5	-38.5	298.9	16.6	14.5	-8.0	289.4	290.1	0.2	21.5	12.5	143.
13.7	41.0	4020.1	594.0	-22.9	-38.3	296.8	16.3	14.5	-7.3	290.5	291.2	0.2	22.8	13.0	142.
14.1	42.0	4131.9	585.0	-23.7	-39.0	298.8	16.2	14.2	-7.8	290.8	291.5	0.2	22.8	13.3	141.
14.5	43.0	4244.9	576.0	-25.0	-40.1	302.9	16.2	13.6	-8.8	290.5	291.2	0.2	22.9	13.6	141.
15.0	44.0	4359.2	567.0	-25.8	-40.7	307.4	15.9	12.6	-9.7	290.9	291.5	0.2	22.9	14.2	140.
15.5	45.0	4462.0	559.0	-26.5	-41.3	308.4	15.6	12.2	-9.7	291.3	291.9	0.2	23.0	14.6	140.
15.9	46.0	4579.0	550.0	-27.5	-41.9	305.9	15.7	12.7	-9.2	291.4	292.0	0.2	23.8	15.0	140.
16.3	47.0	4697.5	541.0	-28.4	-42.7	302.6	16.1	13.6	-8.7	291.7	292.2	0.2	23.9	15.3	139.
16.9	48.0	4804.1	533.0	-29.2	-43.5	299.7	17.1	14.9	-8.5	292.0	292.5	0.1	23.5	15.9	138.
17.2	49.0	4911.9	525.0	-30.3	-44.4	299.9	17.6	15.3	-8.8	292.0	292.4	0.1	23.6	16.2	138.
17.6	50.0	5034.7	516.0	-31.2	-45.3	300.9	18.1	15.5	-9.3	292.3	292.7	0.1	23.3	16.6	138.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
1500 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.1	51.0	5173.1	506.0	-32.3	-46.2	302.1	18.3	15.5	-9.7	292.7	293.1	0.1	23.3	17.2	137.
18.5	52.0	5285.4	498.0	-33.1	-46.9	302.6	18.4	15.5	-9.9	293.0	293.4	0.1	23.4	17.6	137.
19.0	53.0	5399.0	490.0	-34.3	-46.1	302.7	19.3	16.2	-10.4	292.9	293.3	0.1	28.7	18.1	136.
19.3	54.0	5513.9	482.0	-35.4	-43.7	302.5	20.3	17.1	-10.9	292.8	293.4	0.2	42.2	18.4	136.
19.8	55.0	5615.7	475.0	-35.7	-40.0	302.3	21.5	18.2	-11.5	293.7	294.5	0.2	64.2	19.0	136.
20.1	56.0	5808.4	462.0	-36.5	-38.9	302.1	21.7	18.4	-11.5	295.1	296.0	0.3	78.5	19.5	135.
20.5	57.0	5914.2	455.0	-36.9	-39.3	301.5	20.9	17.9	-10.9	295.9	296.8	0.3	78.6	20.0	135.
20.9	58.0	6036.7	447.0	-37.9	-40.4	298.9	19.9	17.4	-9.6	296.2	297.0	0.2	76.5	20.5	135.
21.3	59.0	6145.3	440.0	-38.5	-41.5	295.5	19.9	18.0	-8.6	296.7	297.4	0.2	72.9	20.9	134.
21.7	60.0	6271.1	432.0	-39.6	-42.8	292.8	20.7	19.1	-3.0	296.9	297.5	0.2	71.0	21.3	134.
22.1	61.0	6382.6	425.0	-40.7	99.9	291.0	21.5	20.1	-7.7	296.9	999.9	99.9	999.9	21.8	133.
22.3	62.0	6495.5	418.0	-41.5	99.9	290.2	21.5	20.2	-7.4	297.3	999.9	99.9	999.9	22.1	133.
22.9	63.0	6609.9	411.0	-42.4	99.9	287.5	20.4	19.5	-6.2	297.6	999.9	99.9	999.9	22.8	132.
23.1	64.0	6725.6	404.0	-43.8	99.9	287.0	20.2	19.3	-5.9	297.3	999.9	99.9	999.9	23.0	132.
23.6	65.0	6825.9	398.0	-44.9	99.9	287.3	20.3	19.4	-6.1	297.1	999.9	99.9	999.9	23.5	131.
24.1	66.0	6978.5	389.0	-45.9	99.9	289.2	21.1	20.0	-6.9	297.7	999.9	99.9	999.9	24.0	131.
24.4	67.0	7099.2	382.0	-46.7	99.9	289.7	21.4	20.2	-7.2	298.2	999.9	99.9	999.9	24.5	130.
24.9	68.0	7221.5	375.0	-48.0	99.9	289.0	21.7	20.5	-7.1	298.0	999.9	99.9	999.9	25.0	130.
25.4	69.0	7327.5	369.0	-49.7	99.9	287.1	22.0	21.1	-6.5	297.2	999.9	99.9	999.9	25.7	129.
25.6	70.0	7452.8	362.0	-49.7	99.9	286.4	22.1	21.2	-6.2	298.9	999.9	99.9	999.9	25.9	129.
26.1	71.0	7598.7	354.0	-51.0	99.9	285.5	22.0	21.2	-6.9	298.9	999.9	99.9	999.9	26.5	129.
26.5	72.0	7709.7	348.0	-51.9	99.9	286.7	22.3	21.4	-6.4	299.2	999.9	99.9	999.9	27.0	128.
27.0	73.0	7822.2	342.0	-52.7	99.9	291.4	24.0	22.3	-3.7	299.6	999.9	99.9	999.9	27.6	128.
27.3	74.0	7955.6	335.0	-52.9	99.9	293.8	24.5	22.5	-7.9	301.2	999.9	99.9	999.9	28.1	127.
27.8	75.0	8072.0	329.0	-53.8	99.9	296.0	24.2	21.7	-10.6	301.4	999.9	99.9	999.9	28.8	127.
28.1	76.0	8190.1	323.0	-54.3	99.9	296.4	23.3	20.9	-10.4	302.4	999.9	99.9	999.9	29.3	127.
28.6	77.0	8310.0	317.0	-55.4	99.9	296.3	21.9	19.7	-9.7	302.4	999.9	99.9	999.9	29.9	127.
29.1	78.0	8431.8	311.0	-55.7	99.9	296.7	22.1	19.7	-9.9	303.6	999.9	99.9	999.9	30.5	127.
29.5	79.0	8555.5	305.0	-56.7	99.9	297.3	22.9	20.4	-10.5	303.9	999.9	99.9	999.9	31.1	126.
29.9	80.0	8660.2	300.0	-57.4	99.9	298.0	23.9	21.1	-11.2	304.4	999.9	99.9	999.9	31.7	126.
30.4	81.0	8809.2	293.0	-57.9	99.9	299.0	25.8	22.5	-12.5	305.8	999.9	99.9	999.9	32.2	126.
30.9	82.0	8939.4	287.0	-58.6	99.9	299.7	26.7	23.2	-13.2	306.6	999.9	99.9	999.9	33.2	126.
31.2	83.0	9072.1	281.0	-58.9	99.9	300.0	26.0	22.5	-13.0	308.0	999.9	99.9	999.9	33.7	126.
31.6	84.0	9184.8	276.0	-58.9	99.9	300.5	24.1	20.8	-12.3	309.6	999.9	99.9	999.9	34.3	126.
32.1	85.0	9299.5	271.0	-58.9	99.9	301.6	21.8	18.5	-11.4	311.2	999.9	99.9	999.9	34.9	126.
32.7	86.0	9463.8	264.0	-58.8	99.9	302.3	20.1	16.9	-10.7	313.8	999.9	99.9	999.9	35.7	126.
33.1	87.0	9584.2	259.0	-57.4	99.9	302.0	19.1	16.2	-10.1	317.5	999.9	99.9	999.9	36.2	126.
33.6	88.0	9732.4	253.0	-57.1	99.9	300.9	18.9	16.3	-9.7	320.1	999.9	99.9	999.9	36.7	125.
34.1	89.0	9833.7	249.0	-55.4	99.9	300.0	20.3	17.6	-10.2	324.1	999.9	99.9	999.9	37.2	125.
34.4	90.0	9963.4	244.0	-54.1	99.9	299.7	21.1	18.3	-10.4	327.9	999.9	99.9	999.9	37.6	125.
34.9	91.0	10096.3	239.0	-54.1	99.9	298.7	20.3	17.8	-9.7	329.8	999.9	99.9	999.9	38.4	125.
35.2	92.0	10231.9	234.0	-54.1	99.9	297.4	19.5	17.3	-9.0	331.8	999.9	99.9	999.9	38.7	125.
35.7	93.0	10342.5	230.0	-54.1	99.9	294.5	19.1	17.3	-7.9	333.5	999.9	99.9	999.9	39.1	125.
36.1	94.0	10483.5	225.0	-54.1	99.9	292.6	19.8	18.3	-7.6	335.6	999.9	99.9	999.9	39.6	125.
36.4	95.0	10598.5	221.0	-54.5	99.9	292.3	20.7	19.2	-7.9	336.8	999.9	99.9	999.9	40.0	125.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
1500 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
37.1	96.0	10774.9	215.0	-54.3	99.9	295.2	21.6	19.5	-9.2	339.7	999.9	99.9	999.9	40.8	124.
37.5	97.0	10895.5	211.0	-53.5	99.9	297.9	21.1	18.6	-9.9	342.8	999.9	99.9	999.9	41.5	124.
38.1	98.0	11050.1	206.0	-52.6	99.9	302.5	19.4	16.3	-10.4	346.6	999.9	99.9	999.9	42.1	124.
38.5	99.0	11177.2	202.0	-51.2	99.9	305.4	18.8	15.3	-10.9	350.7	999.9	99.9	999.9	42.6	124.
39.0	100.0	11307.3	198.0	-51.0	99.9	306.5	19.4	15.6	-11.5	353.0	999.9	99.9	999.9	43.1	124.
39.5	101.0	11473.2	193.0	-52.4	99.9	305.1	19.2	15.7	-11.0	353.4	999.9	99.9	999.9	43.7	124.
40.0	102.0	11642.9	188.0	-52.4	99.9	301.6	17.0	14.5	-8.9	356.0	999.9	99.9	999.9	44.4	124.
40.5	103.0	11746.9	185.0	-52.4	99.9	296.5	15.7	14.0	-7.0	357.7	999.9	99.9	999.9	44.8	124.
41.0	104.0	11888.2	181.0	-52.6	99.9	294.8	17.7	16.0	-7.4	359.7	999.9	99.9	999.9	45.0	124.
41.5	105.0	12032.6	177.0	-52.4	99.9	297.1	20.3	18.1	-7.2	362.2	999.9	99.9	999.9	45.9	124.
42.1	106.0	12180.9	173.0	-51.0	99.9	300.5	20.3	17.5	-10.3	366.9	999.9	99.9	999.9	46.5	124.
42.7	107.0	12295.1	170.0	-49.5	99.9	302.1	17.6	14.9	-7.4	371.2	999.9	99.9	999.9	47.3	124.
43.1	108.0	12450.9	166.0	-49.8	99.9	301.2	15.9	13.6	-8.2	373.3	999.9	99.9	999.9	47.7	124.
43.6	109.0	12570.1	163.0	-50.4	99.9	298.2	16.0	14.1	-7.6	374.2	999.9	99.9	999.9	48.0	124.
44.1	110.0	12732.1	159.0	-50.7	99.9	296.3	18.2	16.3	-8.1	376.4	999.9	99.9	999.9	48.6	124.
44.7	111.0	12897.8	155.0	-51.3	99.9	295.4	19.4	17.5	-8.3	378.1	999.9	99.9	999.9	49.3	124.
45.1	112.0	13067.5	151.0	-51.9	99.9	294.8	18.7	16.9	-7.8	379.9	999.9	99.9	999.9	49.8	124.
45.6	113.0	13197.4	148.0	-52.4	99.9	294.5	17.3	15.8	-7.2	381.2	999.9	99.9	999.9	50.3	124.
46.1	114.0	13374.3	144.0	-52.9	99.9	296.5	18.1	16.2	-8.0	383.4	999.9	99.9	999.9	50.7	123.
46.5	115.0	13510.1	141.0	-53.2	99.9	299.2	20.0	17.5	-9.8	385.2	999.9	99.9	999.9	51.2	123.
47.1	116.0	13695.3	137.0	-53.7	99.9	302.2	20.8	17.6	-11.1	387.6	999.9	99.9	999.9	52.0	123.
47.6	117.0	13838.0	134.0	-52.6	99.9	303.2	19.1	16.0	-10.5	392.0	999.9	99.9	999.9	52.8	123.
48.1	118.0	13984.1	131.0	-53.3	99.9	303.3	18.2	15.2	-10.0	393.1	999.9	99.9	999.9	53.0	123.
48.5	119.0	14132.9	128.0	-54.1	99.9	303.1	18.8	15.8	-10.3	394.3	999.9	99.9	999.9	53.6	123.
49.0	120.0	14285.1	125.0	-54.1	99.9	301.9	19.4	16.5	-10.3	397.0	999.9	99.9	999.9	54.2	123.
49.5	121.0	14441.1	122.0	-53.7	99.9	300.1	17.6	15.2	-8.8	400.6	999.9	99.9	999.9	54.8	123.
50.0	122.0	14601.2	119.0	-53.7	99.9	299.4	14.7	12.8	-7.2	403.5	999.9	99.9	999.9	55.4	123.
50.4	123.0	14710.1	117.0	-53.7	99.9	300.9	14.2	12.1	-7.3	405.4	999.9	99.9	999.9	55.5	123.
51.0	124.0	14877.1	114.0	-53.7	99.9	303.0	16.3	13.7	-3.9	408.5	999.9	99.9	999.9	56.0	123.
51.4	125.0	14990.9	112.0	-53.8	99.9	303.2	17.7	14.8	-7.7	410.2	999.9	99.9	999.9	56.5	123.
52.1	126.0	15224.4	108.0	-54.1	99.9	303.3	16.3	13.6	-7.0	413.9	999.9	99.9	999.9	57.3	123.
52.6	127.0	15344.3	106.0	-54.1	99.9	303.3	14.2	11.9	-7.8	416.2	999.9	99.9	999.9	57.7	123.
53.1	128.0	15528.5	103.0	-54.1	99.9	303.3	14.5	12.1	-7.9	419.6	999.9	99.9	999.9	58.0	123.
53.7	129.0	15654.3	101.0	-54.1	99.9	303.2	16.9	14.2	-9.3	421.9	999.9	99.9	999.9	58.6	123.
54.2	130.0	15847.6	98.0	-54.5	99.9	302.4	17.0	14.4	-9.1	425.0	999.9	99.9	999.9	59.2	123.
54.9	131.0	16046.5	95.0	-54.9	99.9	298.9	13.1	11.4	-6.3	427.8	999.9	99.9	999.9	60.0	123.
55.5	132.0	16182.4	93.0	-55.4	99.9	297.8	11.6	10.3	-5.4	429.5	999.9	99.9	999.9	60.1	123.
56.0	133.0	16321.4	91.0	-54.3	99.9	300.7	12.3	10.6	-6.3	434.4	999.9	99.9	999.9	60.6	123.
56.5	134.0	16463.8	89.0	-54.3	99.9	302.7	11.2	9.5	-6.1	437.2	999.9	99.9	999.9	61.1	123.
57.0	135.0	16609.6	87.0	-54.1	99.9	303.2	10.4	8.7	-5.7	440.3	999.9	99.9	999.9	61.2	123.
57.6	136.0	16834.5	84.0	-54.5	99.9	302.3	13.4	11.4	-7.2	444.1	999.9	99.9	999.9	61.6	123.
58.2	137.0	16988.7	82.0	-55.1	99.9	300.3	16.8	14.5	-8.5	445.9	999.9	99.9	999.9	62.3	123.
58.9	138.0	17226.3	79.0	-55.9	99.9	298.0	18.2	16.1	-7.5	449.0	999.9	99.9	999.9	63.0	123.
59.6	139.0	17389.4	77.0	-56.1	99.9	298.7	18.7	16.4	-9.0	452.0	999.9	99.9	999.9	63.7	123.
60.2	140.0	17642.0	74.0	-56.2	99.9	302.5	18.0	15.2	-9.7	456.8	999.9	99.9	999.9	64.5	123.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
1500 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
61.0	141.0	17815.8	72.0	-57.1	99.9	306.7	16.9	13.5	-10.1	458.6	999.9	99.9	999.9	65.2	123.
61.6	142.0	17993.9	70.0	-57.4	99.9	303.8	17.8	14.8	-9.9	461.6	999.9	99.9	999.9	65.9	123.
62.2	143.0	18177.2	68.0	-57.2	99.9	298.3	17.8	15.6	-9.4	465.8	999.9	99.9	999.9	66.6	123.
62.9	144.0	18462.3	65.0	-57.6	99.9	289.7	17.7	16.7	-5.0	471.1	999.9	99.9	999.9	67.2	123.
63.4	145.0	18659.0	63.0	-59.1	99.9	287.4	13.5	17.7	-5.5	472.0	999.9	99.9	999.9	67.8	123.
64.1	146.0	18861.2	61.0	-59.1	99.9	289.6	18.7	17.7	-6.3	476.3	999.9	99.9	999.9	68.6	123.
64.8	147.0	19070.1	59.0	-59.5	99.9	294.6	18.9	17.2	-7.9	480.1	999.9	99.9	999.9	69.3	123.
65.5	148.0	19285.5	57.0	-60.3	99.9	298.4	21.0	18.5	-10.0	482.9	999.9	99.9	999.9	70.1	123.
66.1	149.0	19508.0	55.0	-60.7	99.9	297.1	23.7	21.1	-10.8	487.0	999.9	99.9	999.9	70.9	122.
66.9	150.0	19857.0	52.0	-60.7	99.9	297.5	24.7	21.9	-11.4	494.9	999.9	99.9	999.9	72.2	122.
67.5	151.0	20101.1	50.0	-60.7	99.9	300.4	23.2	20.0	-11.8	500.5	999.9	99.9	999.9	73.1	122.
68.2	152.0	20354.7	48.0	-61.4	99.9	304.2	21.0	17.4	-11.8	504.6	999.9	99.9	999.9	74.0	122.
69.0	153.0	20617.8	46.0	-62.9	99.9	313.8	18.0	13.0	-12.5	507.3	999.9	99.9	999.9	74.9	122.
69.8	154.0	20890.4	44.0	-64.6	99.9	320.3	16.0	10.2	-12.3	509.6	999.9	99.9	999.9	75.6	123.
70.6	155.0	21174.6	42.0	-64.6	99.9	314.8	17.6	12.5	-12.4	516.4	999.9	99.9	999.9	76.4	123.
71.5	156.0	21472.7	40.0	-64.6	99.9	310.7	15.4	11.7	-10.0	523.7	999.9	99.9	999.9	77.5	123.
72.4	157.0	21786.0	38.0	-64.6	99.9	301.5	18.5	15.8	-9.7	531.4	999.9	99.9	999.9	78.1	123.
73.2	158.0	22287.9	35.0	-65.0	99.9	298.2	18.7	16.5	-8.9	543.0	999.9	99.9	999.9	79.2	123.
74.2	159.0	22645.5	33.0	-66.4	99.9	293.9	16.7	15.3	-6.8	548.5	999.9	99.9	999.9	80.0	123.
75.3	160.0	23024.0	31.0	-66.6	99.9	298.7	20.3	17.8	-9.7	557.9	999.9	99.9	999.9	81.3	123.
76.7	161.0	23429.5	29.0	-64.6	99.9	303.9	20.6	17.1	-11.5	574.1	999.9	99.9	999.9	83.4	123.
77.8	162.0	23866.2	27.0	-64.4	99.9	312.1	17.0	12.6	-11.4	586.5	999.9	99.9	999.9	84.3	123.
79.0	163.0	24338.1	25.0	-63.3	99.9	308.5	17.0	13.3	-10.6	602.8	999.9	99.9	999.9	85.4	123.
80.3	164.0	25124.0	22.0	-63.3	99.9	305.4	25.0	20.4	-14.5	625.3	999.9	99.9	999.9	87.4	123.
82.0	165.0	25710.8	20.0	-62.7	99.9	302.9	11.7	9.8	-6.3	644.3	999.9	99.9	999.9	89.0	123.
83.6	166.0	26360.3	18.0	-62.7	99.9	302.9	18.4	15.4	-10.0	664.0	999.9	99.9	999.9	90.0	123.
85.7	167.0	27489.1	15.0	-60.9	99.9	302.9	20.3	17.1	-11.0	705.6	999.9	99.9	999.9	93.2	123.
87.9	168.0	28382.7	13.0	-59.1	99.9	999.9	99.9	99.9	99.9	741.2	999.9	99.9	999.9	999.9	999.

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
1800 GMT

154 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	316.0	981.0	-16.1	-19.5	290.0	4.1	3.9	-1.4	258.6	260.7	0.8	73.0	0.0	0.
0.2	7.0	377.5	973.0	-17.3	-22.7	283.6	6.3	6.1	-1.5	257.9	259.6	0.6	62.3	0.2	107.
0.5	8.0	470.4	961.0	-18.4	-22.2	283.6	6.3	6.1	-1.5	257.8	259.5	0.7	71.6	0.2	107.
0.8	9.0	556.2	950.0	-19.2	-21.6	293.4	6.5	6.0	-2.6	257.8	259.6	0.7	80.8	0.3	106.
1.1	10.0	650.6	938.0	-20.3	-22.1	304.6	7.2	6.0	-4.1	257.6	259.4	0.7	84.9	0.5	108.
1.5	11.0	769.9	923.0	-21.0	-22.1	318.9	9.6	6.3	-7.2	258.1	260.0	0.7	90.8	0.6	115.
1.8	12.0	858.4	912.0	-21.2	-22.1	323.0	10.9	6.6	-3.7	258.7	260.6	0.7	93.0	0.8	122.
2.2	13.0	956.4	900.0	-20.2	-20.7	328.2	11.2	5.9	-7.5	260.8	263.0	0.8	95.3	1.1	128.
2.5	14.0	1039.7	890.0	-17.4	-19.2	333.4	10.4	4.6	-9.3	264.5	267.0	0.9	86.1	1.3	131.
2.8	15.0	1141.7	878.0	-16.2	-21.1	336.9	9.1	3.6	-8.4	266.8	269.0	0.8	65.5	1.4	134.
3.3	16.0	1254.1	865.0	-15.8	-26.4	334.3	8.9	3.9	-8.0	268.3	269.7	0.5	39.3	1.7	138.
3.6	17.0	1350.5	854.0	-16.3	-27.8	330.8	9.5	4.6	-8.3	268.7	270.0	0.4	36.2	1.8	139.
3.9	18.0	1447.9	843.0	-16.9	-28.3	330.1	9.9	4.9	-8.6	269.1	270.4	0.4	36.2	2.0	140.
4.3	19.0	1546.4	832.0	-17.6	-28.3	331.1	10.3	5.0	-9.0	269.4	270.6	0.4	36.2	2.2	141.
4.6	20.0	1645.9	821.0	-18.3	-28.3	330.6	10.8	5.3	-9.4	269.7	270.9	0.4	38.5	2.4	142.
5.1	21.0	1755.8	809.0	-18.8	-28.8	324.6	12.1	7.0	-9.8	270.3	271.5	0.4	40.8	2.8	143.
5.4	22.0	1857.7	798.0	-19.3	-28.2	319.2	12.5	8.2	-9.5	270.8	272.1	0.5	45.2	3.0	143.
5.7	23.0	1951.3	788.0	-20.0	-29.1	313.8	13.0	9.4	-9.0	271.0	272.3	0.4	43.8	3.2	142.
6.1	24.0	2045.9	778.0	-20.7	-28.8	309.0	13.5	10.6	-8.3	271.3	272.6	0.5	47.9	3.5	141.
6.5	25.0	2141.5	768.0	-21.5	-28.4	305.7	13.4	10.9	-7.9	271.4	272.8	0.5	53.4	3.8	140.
6.8	26.0	2257.3	756.0	-22.6	-28.5	307.4	13.6	10.8	-9.2	271.5	272.8	0.5	57.5	4.1	139.
7.2	27.0	2355.0	746.0	-23.2	-28.7	308.6	14.2	11.1	-8.9	271.8	273.2	0.5	60.3	4.4	138.
7.6	28.0	2453.6	736.0	-24.3	-28.2	308.7	15.3	11.9	-9.6	271.7	273.1	0.5	65.8	4.7	138.
7.9	29.0	2553.2	726.0	-24.8	-26.7	308.9	15.8	12.3	-9.9	272.2	273.9	0.6	84.5	5.0	137.
8.3	30.0	2644.1	717.0	-24.3	-29.4	309.2	16.2	12.6	-10.3	273.7	275.1	0.5	62.4	5.4	137.
8.6	31.0	2746.9	707.0	-22.4	-39.3	309.6	16.5	12.7	-10.5	276.9	277.4	0.2	19.6	5.7	136.
8.9	32.0	2840.8	698.0	-23.1	-39.5	310.1	16.7	12.8	-10.8	277.1	277.7	0.2	20.5	6.0	136.
9.3	33.0	2935.9	689.0	-23.1	-39.7	311.0	17.3	13.1	-11.4	278.2	278.7	0.2	20.1	6.4	136.
9.6	34.0	3032.4	680.0	-22.0	-38.3	311.9	17.8	13.2	-11.9	280.4	281.0	0.2	20.0	6.7	135.
10.0	35.0	3141.3	670.0	-22.4	-39.3	313.2	18.2	13.3	-12.5	281.1	281.7	0.2	19.6	7.2	135.
10.5	36.0	3262.8	659.0	-22.7	-39.8	315.4	18.0	12.6	-12.8	282.2	282.7	0.2	19.2	7.7	135.
10.9	37.0	3363.7	650.0	-22.7	-40.0	316.6	17.6	12.1	-12.8	283.3	283.9	0.2	18.8	8.2	135.
11.3	38.0	3466.0	641.0	-22.6	-39.9	316.3	17.6	12.1	-12.7	284.6	285.2	0.2	18.8	8.6	135.
11.6	39.0	3558.2	633.0	-22.6	-39.9	315.4	17.8	12.5	-12.6	285.6	286.2	0.2	18.8	8.8	135.
12.0	40.0	3663.4	624.0	-22.4	-39.5	313.3	18.3	13.3	-12.6	286.9	287.5	0.2	19.2	9.3	135.
12.4	41.0	3793.9	613.0	-22.8	-39.9	311.9	18.3	13.7	-12.2	287.9	288.5	0.2	19.2	9.8	135.
12.7	42.0	3890.1	605.0	-23.5	-40.2	311.2	18.4	13.8	-12.1	288.2	288.8	0.2	19.7	10.1	135.
13.1	43.0	3999.6	596.0	-23.9	-40.5	310.7	18.6	14.1	-12.1	289.0	289.6	0.2	19.7	10.5	135.
13.5	44.0	4098.2	588.0	-24.3	-40.8	310.5	19.6	14.9	-12.7	289.7	290.2	0.2	19.8	10.9	135.
13.8	45.0	4210.5	579.0	-25.0	-41.4	310.5	20.3	15.5	-13.2	290.2	290.7	0.2	19.8	11.3	134.
14.2	46.0	4311.6	571.0	-25.6	-41.9	310.1	20.8	15.9	-13.4	290.5	291.1	0.2	19.9	11.8	134.
14.6	47.0	4413.6	563.0	-26.7	-43.0	308.8	20.6	16.1	-12.9	290.5	291.0	0.1	19.5	12.3	134.
14.9	48.0	4516.8	555.0	-27.3	-43.5	306.6	19.9	16.0	-11.9	290.9	291.3	0.1	19.6	12.7	134.
15.3	49.0	4621.2	547.0	-28.0	-43.5	302.5	19.1	16.1	-10.3	291.3	291.8	0.1	20.9	13.2	134.
15.6	50.0	4726.8	539.0	-29.1	-42.5	299.2	18.7	16.3	-9.1	291.3	291.8	0.2	25.7	13.5	133.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
1800 GMT

154 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.1	51.0	4846.9	530.0	-30.1	-42.3	294.6	18.8	17.1	-7.8	291.4	292.0	0.2	29.1	14.0	133.
16.5	52.0	4955.1	522.0	-30.9	-41.1	292.0	19.4	18.0	-7.3	291.7	292.4	0.2	35.9	14.5	132.
16.8	53.0	5050.7	515.0	-31.8	-41.8	290.9	19.7	18.4	-7.0	291.7	292.3	0.2	36.3	14.8	132.
17.3	54.0	5161.2	507.0	-32.4	-39.0	290.3	20.1	18.9	-7.0	292.4	293.2	0.3	51.4	15.4	131.
17.5	55.0	5259.1	500.0	-33.4	-37.6	290.3	20.2	18.9	-7.0	292.3	293.2	0.3	65.6	15.6	130.
18.1	56.0	5386.4	491.0	-34.2	-36.4	292.3	20.7	19.2	-7.9	292.8	293.9	0.3	80.1	16.2	130.
18.4	57.0	5501.2	483.0	-35.0	-36.8	293.2	21.2	19.5	-8.3	293.2	294.2	0.3	83.5	16.6	129.
18.8	58.0	5602.9	476.0	-35.7	-37.3	293.3	21.5	19.7	-8.5	293.6	294.6	0.3	85.0	17.1	129.
19.2	59.0	5705.8	469.0	-36.5	-37.9	292.8	21.2	19.6	-8.2	293.8	294.8	0.3	87.2	17.7	128.
19.5	60.0	5809.9	462.0	-37.2	-38.9	292.1	20.8	19.3	-7.8	294.2	295.2	0.3	84.0	18.1	128.
19.9	61.0	5915.3	455.0	-37.5	-39.4	292.5	20.9	19.3	-8.0	295.2	296.1	0.3	82.1	18.4	128.
20.3	62.0	6022.2	448.0	-38.3	-41.1	293.6	21.6	19.8	-8.6	295.5	296.2	0.2	74.3	18.9	127.
20.6	63.0	6130.4	441.0	-38.8	-41.5	294.1	22.1	20.2	-9.0	296.1	296.8	0.2	74.5	19.3	127.
21.0	64.0	6224.3	435.0	-39.6	-41.7	293.9	22.4	20.4	-9.1	296.2	297.0	0.2	80.1	19.9	127.
21.4	65.0	6335.1	428.0	-40.2	99.9	292.4	21.8	20.1	-8.3	297.0	999.9	99.9	999.9	20.4	126.
21.9	66.0	6463.5	420.0	-41.6	99.9	291.0	21.4	20.0	-7.7	296.8	999.9	99.9	999.9	21.0	126.
22.3	67.0	6577.2	413.0	-42.7	99.9	291.1	21.7	20.2	-7.8	296.8	999.9	99.9	999.9	21.5	125.
22.6	68.0	6675.9	407.0	-43.4	99.9	291.3	22.1	20.6	-8.0	297.1	999.9	99.9	999.9	21.9	125.
23.0	69.0	6775.6	401.0	-44.4	99.9	291.4	23.0	21.5	-8.4	297.1	999.9	99.9	999.9	22.4	125.
23.5	70.0	6893.4	394.0	-45.3	99.9	289.5	23.9	22.5	-8.0	297.5	999.9	99.9	999.9	23.1	125.
23.9	71.0	7012.7	397.0	-46.4	99.9	286.5	23.2	22.2	-6.6	297.5	999.9	99.9	999.9	23.7	124.
24.4	72.0	7133.7	380.0	-47.3	99.9	283.8	21.7	21.1	-5.2	297.9	999.9	99.9	999.9	24.3	124.
24.8	73.0	7221.2	375.0	-48.0	99.9	284.7	21.0	20.3	-5.3	298.0	999.9	99.9	999.9	24.7	123.
25.2	74.0	7327.4	369.0	-48.6	99.9	287.3	20.5	19.6	-5.1	298.6	999.9	99.9	999.9	25.2	123.
25.5	75.0	7453.4	362.0	-48.8	99.9	289.8	20.2	19.0	-6.9	300.1	999.9	99.9	999.9	25.7	123.
26.0	76.0	7544.7	357.0	-49.2	99.9	293.1	19.4	17.8	-7.6	300.7	999.9	99.9	999.9	26.2	122.
26.4	77.0	7655.7	351.0	-49.8	99.9	295.3	19.4	17.5	-9.3	301.3	999.9	99.9	999.9	26.6	122.
26.8	78.0	7768.5	345.0	-49.8	99.9	297.3	19.9	17.6	-9.1	302.8	999.9	99.9	999.9	27.1	122.
27.2	79.0	7863.9	340.0	-50.1	99.9	298.4	20.2	17.8	-9.6	303.7	999.9	99.9	999.9	27.6	122.
27.5	80.0	7980.0	334.0	-51.2	99.9	298.7	20.4	17.9	-9.8	303.7	999.9	99.9	999.9	27.9	122.
28.1	81.0	8117.4	327.0	-52.1	99.9	297.7	19.8	17.5	-9.2	304.3	999.9	99.9	999.9	28.7	122.
28.5	82.0	8216.9	322.0	-53.1	99.9	296.9	19.3	17.2	-8.7	304.3	999.9	99.9	999.9	29.2	122.
28.9	83.0	8317.7	317.0	-53.7	99.9	296.8	19.3	17.2	-8.7	304.8	999.9	99.9	999.9	29.6	122.
29.3	84.0	8440.2	311.0	-54.7	99.9	297.1	19.6	17.5	-8.9	305.1	999.9	99.9	999.9	30.0	122.
29.6	85.0	8543.7	306.0	-55.7	99.9	297.4	19.7	17.5	-9.1	305.2	999.9	99.9	999.9	30.4	122.
30.1	86.0	8669.5	300.0	-56.8	99.9	297.9	19.4	17.2	-9.1	305.3	999.9	99.9	999.9	31.1	122.
30.5	87.0	8775.9	295.0	-57.3	99.9	297.7	19.2	17.0	-9.9	306.0	999.9	99.9	999.9	31.5	122.
30.9	88.0	8883.8	290.0	-58.0	99.9	296.7	19.8	17.7	-9.9	306.5	999.9	99.9	999.9	31.8	121.
31.3	89.0	8993.3	285.0	-58.4	99.9	295.2	20.0	18.1	-8.5	307.6	999.9	99.9	999.9	32.4	121.
31.6	90.0	9104.5	280.0	-58.7	99.9	293.8	19.9	18.2	-8.1	308.6	999.9	99.9	999.9	32.8	121.
32.1	91.0	9217.4	275.0	-59.8	99.9	292.1	19.5	18.0	-7.3	308.7	999.9	99.9	999.9	33.3	121.
32.4	92.0	9332.0	270.0	-60.3	99.9	292.7	19.8	18.3	-7.6	309.5	999.9	99.9	999.9	33.7	121.
32.9	93.0	9448.5	265.0	-60.3	99.9	295.7	21.1	19.0	-9.1	311.2	999.9	99.9	999.9	34.2	121.
33.3	94.0	9567.8	260.0	-58.5	99.9	297.8	20.9	18.5	-9.8	315.5	999.9	99.9	999.9	34.9	121.
33.5	95.0	9690.0	255.0	-58.0	99.9	298.7	20.6	18.1	-9.9	318.0	999.9	99.9	999.9	35.3	121.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
1800 GMT

154 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.2	96.0	9815.2	250.0	-56.5	99.9	300.1	19.6	16.9	-9.8	322.1	999.9	99.9	999.9	35.8	121.
34.6	97.0	9943.6	245.0	-56.0	99.9	301.0	20.8	17.8	-10.7	324.7	999.9	99.9	999.9	36.3	121.
35.0	98.0	10048.4	241.0	-55.5	99.9	301.8	23.0	19.5	-12.1	327.0	999.9	99.9	999.9	36.9	121.
35.5	99.0	10155.4	237.0	-54.2	99.9	302.4	23.9	20.1	-12.8	330.5	999.9	99.9	999.9	37.6	121.
35.9	100.0	10292.4	232.0	-53.5	99.9	303.6	22.4	18.6	-12.4	333.5	999.9	99.9	999.9	38.3	121.
36.4	101.0	10432.5	227.0	-53.5	99.9	305.6	20.2	16.4	-11.8	335.6	999.9	99.9	999.9	38.8	121.
36.9	102.0	10546.9	223.0	-53.5	99.9	305.9	19.4	15.7	-11.4	337.3	999.9	99.9	999.9	39.3	121.
37.3	103.0	10663.3	219.0	-53.4	99.9	303.6	19.4	16.2	-10.7	339.3	999.9	99.9	999.9	39.8	121.
37.6	104.0	10812.1	214.0	-53.2	99.9	300.9	19.4	16.7	-10.0	341.8	999.9	99.9	999.9	40.2	121.
38.1	105.0	10933.6	210.0	-53.1	99.9	295.8	19.3	17.4	-9.4	343.9	999.9	99.9	999.9	40.8	121.
38.5	106.0	11057.9	206.0	-52.0	99.9	293.2	19.8	18.2	-7.8	347.5	999.9	99.9	999.9	41.2	121.
39.0	107.0	11185.0	202.0	-51.8	99.9	293.6	21.2	19.5	-8.5	349.7	999.9	99.9	999.9	41.7	121.
39.4	108.0	11314.7	198.0	-51.7	99.9	294.8	21.3	19.3	-8.9	352.0	999.9	99.9	999.9	42.4	121.
39.9	109.0	11447.1	194.0	-51.7	99.9	296.6	20.5	18.3	-9.2	354.1	999.9	99.9	999.9	43.0	121.
40.4	110.0	11582.3	190.0	-51.5	99.9	297.4	20.5	18.2	-9.5	356.4	999.9	99.9	999.9	43.5	121.
41.0	111.0	11720.7	186.0	-50.7	99.9	294.4	21.3	19.4	-8.8	359.8	999.9	99.9	999.9	44.4	121.
41.4	112.0	11862.2	182.0	-51.2	99.9	290.1	21.0	19.7	-9.2	361.3	999.9	99.9	999.9	44.9	121.
41.9	113.0	12006.5	178.0	-51.7	99.9	287.2	20.0	19.2	-9.9	362.9	999.9	99.9	999.9	45.5	120.
42.3	114.0	12116.9	175.0	-51.3	99.9	288.6	19.5	18.5	-9.2	365.2	999.9	99.9	999.9	45.9	120.
42.8	115.0	12267.4	171.0	-50.4	99.9	292.6	19.4	17.9	-7.5	369.1	999.9	99.9	999.9	46.5	120.
43.3	116.0	12421.8	167.0	-50.4	99.9	296.1	20.4	18.3	-9.0	371.6	999.9	99.9	999.9	47.1	120.
43.8	117.0	12579.8	163.0	-51.0	99.9	298.2	22.1	19.5	-10.5	373.2	999.9	99.9	999.9	47.6	120.
44.3	118.0	12700.7	160.0	-50.9	99.9	299.4	23.1	20.1	-11.3	375.4	999.9	99.9	999.9	48.4	120.
44.7	119.0	12865.6	156.0	-50.7	99.9	299.7	22.4	19.5	-11.1	378.4	999.9	99.9	999.9	49.0	120.
45.2	120.0	12992.1	153.0	-50.6	99.9	299.2	20.5	17.9	-10.0	380.8	999.9	99.9	999.9	49.6	120.
45.6	121.0	13121.2	150.0	-50.6	99.9	298.2	19.2	16.9	-9.1	382.9	999.9	99.9	999.9	50.1	120.
46.2	122.0	13297.3	146.0	-51.0	99.9	297.1	19.3	17.2	-8.8	385.1	999.9	99.9	999.9	50.7	120.
46.7	123.0	13432.1	143.0	-51.7	99.9	297.9	22.1	19.6	-10.4	386.3	999.9	99.9	999.9	51.2	120.
47.3	124.0	13569.8	140.0	-51.2	99.9	299.3	26.9	23.4	-13.2	389.5	999.9	99.9	999.9	52.1	120.
47.7	125.0	13758.0	136.0	-51.8	99.9	299.8	27.5	23.8	-13.6	391.6	999.9	99.9	999.9	53.0	120.
48.4	126.0	13951.7	132.0	-51.5	99.9	300.9	22.6	19.4	-12.6	395.5	999.9	99.9	999.9	54.1	120.
48.9	127.0	14101.0	129.0	-51.5	99.9	302.6	18.5	15.6	-10.0	398.2	999.9	99.9	999.9	54.6	120.
49.4	128.0	14253.6	126.0	-51.8	99.9	303.6	15.3	12.7	-8.5	400.3	999.9	99.9	999.9	55.2	120.
49.9	129.0	14409.8	123.0	-52.0	99.9	302.4	13.5	11.4	-7.2	402.8	999.9	99.9	999.9	55.5	120.
50.5	130.0	14569.5	120.0	-52.9	99.9	300.3	13.7	11.8	-6.9	403.9	999.9	99.9	999.9	56.0	120.
51.1	131.0	14787.4	116.0	-54.4	99.9	298.5	16.4	14.4	-7.8	405.2	999.9	99.9	999.9	56.4	120.
51.7	132.0	14955.4	113.0	-54.4	99.9	294.3	18.3	16.7	-7.5	408.2	999.9	99.9	999.9	57.2	120.
52.2	133.0	15127.8	110.0	-54.5	99.9	289.6	17.8	16.7	-6.0	411.1	999.9	99.9	999.9	57.8	120.
52.7	134.0	15304.5	107.0	-55.5	99.9	287.4	16.5	15.7	-4.9	412.5	999.9	99.9	999.9	58.3	120.
53.3	135.0	15485.8	104.0	-55.3	99.9	291.5	17.1	16.0	-6.3	416.1	999.9	99.9	999.9	58.7	120.
53.9	136.0	15673.2	101.0	-53.9	99.9	295.3	19.1	17.3	-8.2	422.5	999.9	99.9	999.9	59.4	120.
54.5	137.0	15866.6	98.0	-54.5	99.9	294.4	20.0	18.2	-3.3	424.9	999.9	99.9	999.9	60.2	120.
55.2	138.0	16065.9	95.0	-54.0	99.9	294.0	21.4	19.6	-3.7	429.6	999.9	99.9	999.9	61.0	119.
55.9	139.0	16341.7	91.0	-54.5	99.9	297.1	21.8	19.4	-9.9	434.0	999.9	99.9	999.9	62.0	119.
56.5	140.0	16556.7	88.0	-54.0	99.9	298.7	19.9	17.5	-9.5	439.1	999.9	99.9	999.9	62.8	119.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
1800 GMT

154 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
57.4	141.0	16778.7	85.0	-55.2	99.9	295.9	19.8	17.8	-8.7	441.2	999.9	99.9	999.9	63.7	119.
58.2	142.0	17086.3	81.0	-55.5	99.9	294.0	19.6	17.9	-3.0	446.6	999.9	99.9	999.9	64.7	119.
59.0	143.0	17326.4	78.0	-56.3	99.9	294.1	14.9	13.6	-5.1	449.8	999.9	99.9	999.9	65.7	119.
59.8	144.0	17575.3	75.0	-56.7	99.9	297.7	15.5	13.8	-7.2	454.1	999.9	99.9	999.9	66.2	119.
60.7	145.0	17834.2	72.0	-56.7	99.9	296.7	21.0	18.7	-9.4	459.5	999.9	99.9	999.9	67.1	119.
61.7	146.0	18104.1	69.0	-56.7	99.9	296.6	23.4	20.9	-10.5	465.1	999.9	99.9	999.9	68.7	119.
62.5	147.0	18385.3	66.0	-57.7	99.9	298.7	20.8	18.2	-10.0	468.8	999.9	99.9	999.9	69.7	119.
63.4	148.0	18678.2	63.0	-58.7	99.9	299.0	14.9	13.0	-7.2	472.8	999.9	99.9	999.9	70.8	119.
64.4	149.0	18983.4	60.0	-60.5	99.9	301.7	11.5	9.8	-5.1	475.5	999.9	99.9	999.9	71.4	119.
65.4	150.0	19302.8	57.0	-60.7	99.9	303.7	16.2	13.5	-9.0	482.1	999.9	99.9	999.9	72.1	119.
66.5	151.0	19639.9	54.0	-60.0	99.9	301.4	19.5	16.6	-10.2	491.3	999.9	99.9	999.9	73.4	119.
67.6	152.0	19996.4	51.0	-60.5	99.9	303.2	17.3	14.5	-9.5	498.1	999.9	99.9	999.9	74.7	119.
68.6	153.0	20373.0	48.0	-61.6	99.9	299.7	11.2	9.7	-5.6	504.2	999.9	99.9	999.9	75.5	119.
69.7	154.0	20772.3	45.0	-62.3	99.9	297.6	15.0	13.3	-6.9	511.8	999.9	99.9	999.9	76.3	119.
70.8	155.0	21197.2	42.0	-63.5	99.9	291.4	19.0	17.7	-6.9	519.2	999.9	99.9	999.9	77.5	119.
72.0	156.0	21651.7	39.0	-64.1	99.9	296.5	19.1	17.1	-3.5	528.8	999.9	99.9	999.9	79.2	119.
73.4	157.0	22141.5	36.0	-64.4	99.9	299.0	20.1	17.6	-9.7	540.1	999.9	99.9	999.9	80.4	119.
74.9	158.0	22671.9	33.0	-65.6	99.9	299.0	21.4	18.7	-10.4	550.5	999.9	99.9	999.9	82.3	119.
76.5	159.0	23251.2	30.0	-65.6	99.9	999.9	99.9	99.9	99.9	565.7	999.9	99.9	999.9	999.9	999.

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
2100 GMT

154 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	316.0	979.0	-13.7	-21.0	290.0	4.1	3.9	-2.4	261.1	263.1	0.7	54.0	0.0	0.
0.3	7.0	386.0	970.0	-15.3	-21.7	283.7	7.2	7.0	-1.7	260.2	262.0	0.7	56.9	0.2	109.
0.6	8.0	464.1	960.0	-16.4	-21.4	283.0	7.2	7.0	-1.6	259.9	261.8	0.7	65.0	0.2	108.
0.9	9.0	566.6	947.0	-17.2	-21.3	281.2	7.2	7.1	-1.4	260.0	262.0	0.7	70.4	0.4	106.
1.3	10.0	662.0	935.0	-18.2	-21.0	282.3	7.1	6.9	-1.5	260.0	262.0	0.8	78.6	0.5	104.
1.6	11.0	782.6	920.0	-19.4	-21.0	287.3	6.9	6.5	-2.0	260.0	262.0	0.8	87.0	0.7	103.
2.0	12.0	871.9	909.0	-20.1	-21.0	302.7	6.8	5.7	-3.7	260.2	262.2	0.8	92.3	0.8	105.
2.4	13.0	970.9	897.0	-17.8	-19.1	306.7	7.4	6.0	-4.4	263.6	266.0	0.9	89.0	1.0	110.
2.7	14.0	1063.5	886.0	-16.7	-21.7	303.7	7.7	6.4	-4.3	265.6	267.6	0.7	63.8	1.1	112.
3.1	15.0	1165.9	874.0	-16.8	-23.2	296.9	7.9	7.1	-3.6	266.5	268.3	0.7	56.9	1.3	113.
3.5	16.0	1287.2	860.0	-16.8	-24.8	291.4	7.7	7.2	-2.8	267.7	269.3	0.6	49.5	1.5	113.
3.9	17.0	1383.9	849.0	-17.1	-26.1	289.0	8.2	7.8	-2.7	268.0	269.9	0.5	45.3	1.7	113.
4.2	18.0	1481.6	838.0	-17.5	-28.4	288.9	8.6	8.1	-2.8	269.0	270.2	0.4	37.9	1.8	112.
4.5	19.0	1580.5	827.0	-18.0	-28.7	289.6	9.0	8.5	-3.0	269.4	270.6	0.4	38.5	2.0	112.
4.8	20.0	1680.4	816.0	-18.8	-27.6	290.5	9.3	8.7	-3.3	269.6	270.9	0.5	45.5	2.1	112.
5.3	21.0	1800.0	803.0	-19.4	-27.4	293.2	10.5	9.7	-4.2	270.2	271.7	0.5	48.8	2.4	112.
5.6	22.0	1911.7	791.0	-20.2	-28.3	295.4	11.4	10.3	-4.9	270.5	271.8	0.4	45.9	2.6	112.
5.9	23.0	2005.9	781.0	-20.6	-31.0	298.2	11.8	10.4	-5.6	271.1	272.1	0.4	38.4	2.8	112.
6.3	24.0	2110.7	770.0	-21.5	-29.9	301.3	12.3	10.6	-6.4	271.2	272.4	0.4	46.7	3.1	113.
6.6	25.0	2206.9	760.0	-22.2	-28.2	302.8	12.8	10.8	-6.9	271.5	272.9	0.5	58.1	3.3	114.
7.0	26.0	2333.5	747.0	-23.3	-27.6	303.3	13.6	11.4	-7.5	271.7	273.2	0.5	67.3	3.7	115.
7.3	27.0	2432.4	737.0	-22.1	-39.3	305.8	14.0	11.4	-8.2	274.0	274.5	0.2	19.2	3.9	115.
7.7	28.0	2542.9	726.0	-22.5	-40.3	310.0	14.7	11.3	-9.5	274.7	275.2	0.2	17.8	4.3	116.
8.0	29.0	2644.6	716.0	-23.1	-40.3	313.7	15.4	11.1	-10.6	275.1	275.5	0.2	18.4	4.5	116.
8.4	30.0	2747.8	706.0	-22.3	-40.7	317.5	16.4	11.1	-12.1	277.1	277.5	0.2	16.9	4.9	118.
8.6	31.0	2852.8	696.0	-21.7	-40.7	318.8	16.8	11.1	-12.7	278.9	279.4	0.2	15.9	5.1	119.
9.0	32.0	2959.4	686.0	-21.5	-40.9	320.4	17.3	11.0	-13.3	280.2	280.7	0.2	15.4	5.5	121.
9.4	33.0	3056.8	677.0	-21.4	-40.5	320.7	17.4	11.0	-13.5	281.5	282.0	0.2	15.9	5.9	122.
9.9	34.0	3166.5	667.0	-21.3	-39.3	320.0	18.0	11.5	-13.8	282.8	283.4	0.2	17.7	6.3	124.
10.3	35.0	3266.8	658.0	-21.3	-39.3	319.9	18.7	12.3	-14.1	283.9	284.5	0.2	17.7	6.8	125.
10.7	36.0	3402.4	646.0	-21.9	-39.3	317.9	19.3	12.9	-14.3	284.6	285.2	0.2	18.2	7.2	126.
11.1	37.0	3505.5	637.0	-22.9	-40.3	317.0	19.6	13.4	-14.4	284.7	285.3	0.2	18.3	7.7	126.
11.5	38.0	3621.3	627.0	-23.4	-40.3	315.9	19.8	13.8	-14.2	285.4	286.0	0.2	19.3	8.1	127.
11.8	39.0	3726.9	618.0	-24.3	-41.1	314.6	20.1	14.3	-14.1	285.5	286.1	0.2	19.3	8.5	127.
12.2	40.0	3833.8	609.0	-24.7	-39.3	313.1	20.6	15.0	-14.1	286.3	286.9	0.2	24.3	9.0	128.
12.6	41.0	3966.2	598.0	-25.7	-38.7	312.0	21.2	15.7	-14.2	286.7	287.4	0.2	28.0	9.5	128.
12.9	42.0	4076.0	589.0	-26.2	-36.4	311.5	21.5	16.1	-14.2	287.3	288.2	0.3	37.1	9.9	128.
13.3	43.0	4187.2	580.0	-27.3	-35.9	310.7	21.5	16.3	-14.0	287.4	288.3	0.3	43.5	10.4	128.
13.6	44.0	4299.7	571.0	-27.6	-36.3	310.1	21.3	16.3	-13.7	288.2	289.1	0.3	44.2	10.8	128.
14.0	45.0	4413.9	562.0	-28.0	-36.4	309.1	20.9	16.3	-13.2	289.0	290.0	0.3	44.2	11.3	128.
14.4	46.0	4516.7	554.0	-28.7	-37.1	308.6	20.8	16.3	-13.0	289.4	290.3	0.3	44.0	11.8	128.
14.7	47.0	4620.7	546.0	-29.6	-37.8	308.4	20.9	16.3	-13.0	289.5	290.4	0.3	44.7	12.2	128.
15.2	48.0	4739.0	537.0	-30.6	-37.9	308.3	21.1	16.6	-13.1	289.8	290.7	0.3	48.4	12.8	128.
15.6	49.0	4845.6	529.0	-31.2	-38.7	308.3	21.5	16.9	-13.3	290.3	291.0	0.2	47.0	13.3	128.
15.9	50.0	4953.4	521.0	-32.1	-38.8	308.2	21.8	17.2	-13.5	290.4	291.2	0.2	51.2	13.7	128.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
2100 GMT

154 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RFD GM/KG	RH PCT	RANGE KM	AZ DG
16.4	51.0	5089.9	511.0	-33.1	-39.0	307.5	22.0	17.5	-13.4	290.9	291.7	0.3	55.1	14.3	128.
16.7	52.0	5200.8	503.0	-33.7	-38.7	306.5	21.6	17.4	-13.9	291.4	292.2	0.3	60.3	14.8	128.
17.1	53.0	5313.0	495.0	-34.7	-39.3	304.5	20.9	17.2	-13.8	291.6	292.4	0.2	60.9	15.3	128.
17.5	54.0	5426.7	487.0	-35.3	-38.3	301.9	20.2	17.1	-10.7	292.1	293.0	0.3	69.9	15.7	128.
17.9	55.0	5541.8	479.0	-36.4	-39.0	300.1	20.5	17.7	-10.3	292.2	293.1	0.3	76.5	16.2	128.
18.3	56.0	5673.1	470.0	-37.2	-39.0	299.2	20.8	18.2	-10.2	292.8	293.7	0.3	83.4	16.7	128.
18.7	57.0	5791.6	462.0	-38.2	-39.6	299.9	20.5	18.0	-10.9	293.0	293.9	0.3	86.1	17.2	127.
19.1	58.0	5896.5	455.0	-39.0	-40.8	299.6	19.6	17.2	-10.4	293.3	294.1	0.2	82.9	17.7	127.
19.5	59.0	6017.9	447.0	-39.9	-42.2	297.9	18.5	16.3	-9.6	293.6	294.3	0.2	78.5	18.2	127.
19.9	60.0	6125.6	440.0	-40.6	-40.7	298.7	18.6	16.6	-8.3	294.1	294.9	0.0	99.9	18.5	127.
20.3	61.0	6234.6	433.0	-41.7	-40.7	298.0	19.6	17.6	-8.6	294.0	294.9	0.0	99.9	19.0	126.
20.7	62.0	6344.9	426.0	-42.4	-40.7	295.9	20.6	18.5	-9.0	294.5	294.9	0.0	99.9	19.4	126.
21.0	63.0	6456.6	419.0	-43.7	-40.5	296.4	22.0	19.7	-9.8	294.3	294.9	0.0	99.9	19.8	126.
21.3	64.0	6569.6	412.0	-44.5	-40.9	296.8	22.3	19.9	-10.1	294.6	294.9	0.0	99.9	20.3	126.
21.6	65.0	6684.2	405.0	-45.2	-40.9	297.2	22.4	19.9	-10.2	295.2	294.9	0.0	99.9	20.7	126.
22.2	66.0	6833.9	396.0	-46.1	-40.9	297.5	21.5	19.0	-9.9	295.9	294.9	0.0	99.9	21.5	125.
22.6	67.0	6935.2	390.0	-47.4	-40.7	298.3	21.2	18.7	-10.0	295.5	294.9	0.0	99.9	22.0	125.
23.0	68.0	7054.7	383.0	-48.1	-40.7	300.0	21.8	18.9	-10.9	296.1	294.9	0.0	99.9	22.4	125.
23.4	69.0	7176.4	376.0	-47.8	-40.4	302.2	21.2	19.6	-12.3	298.1	294.9	0.0	99.9	23.0	125.
23.7	70.0	7282.5	370.0	-47.8	-40.9	303.5	23.6	19.7	-13.0	299.4	294.9	0.0	99.9	23.4	125.
24.3	71.0	7426.7	362.0	-48.0	-40.9	305.3	22.6	18.4	-13.1	301.1	294.9	0.0	99.9	24.4	125.
24.6	72.0	7536.8	356.0	-48.9	-40.9	305.7	21.3	17.3	-12.4	301.4	294.9	0.0	99.9	24.9	125.
25.0	73.0	7648.3	350.0	-49.5	-40.9	305.2	19.3	15.8	-11.1	302.0	294.9	0.0	99.9	25.2	125.
25.4	74.0	7780.4	343.0	-50.2	-40.9	302.9	18.6	15.6	-10.1	302.7	294.9	0.0	99.9	25.6	125.
25.8	75.0	7895.4	337.0	-51.1	-40.7	300.1	18.6	16.1	-9.3	303.0	294.9	0.0	99.9	26.0	125.
26.2	76.0	8012.0	331.0	-52.1	-40.7	297.5	18.8	16.6	-9.7	303.3	294.9	0.0	99.9	26.5	125.
26.6	77.0	8130.1	325.0	-53.3	-40.9	295.4	18.7	16.9	-9.0	303.2	294.9	0.0	99.9	27.0	125.
27.0	78.0	8249.9	319.0	-54.0	-40.9	293.7	18.7	17.1	-7.5	303.9	294.9	0.0	99.9	27.4	124.
27.4	79.0	8351.1	314.0	-54.9	-40.9	292.6	19.9	18.4	-7.6	304.0	294.9	0.0	99.9	27.8	124.
27.8	80.0	8474.3	308.0	-55.6	-40.9	291.5	21.4	20.0	-7.9	304.7	294.9	0.0	99.9	28.3	124.
28.3	81.0	8620.3	301.0	-56.9	-40.9	290.0	22.5	21.2	-6.7	304.9	294.9	0.0	99.9	29.0	124.
28.7	82.0	8747.8	295.0	-57.2	-40.7	288.9	22.3	21.1	-6.2	306.1	294.9	0.0	99.9	29.5	123.
29.2	83.0	8855.6	290.0	-58.1	-40.5	288.6	21.4	20.3	-5.8	306.4	294.9	0.0	99.9	30.2	123.
29.7	84.0	8987.2	284.0	-58.4	-40.7	290.8	21.0	19.6	-5.5	307.8	294.9	0.0	99.9	30.7	123.
30.1	85.0	9099.0	279.0	-58.4	-40.9	293.9	21.0	19.2	-4.5	309.3	294.9	0.0	99.9	31.2	123.
30.7	86.0	9236.0	273.0	-57.6	-40.9	299.0	21.4	18.7	-10.4	312.5	294.9	0.0	99.9	32.1	122.
31.2	87.0	9376.4	267.0	-57.1	-40.9	301.7	22.5	19.2	-11.8	315.2	294.9	0.0	99.9	32.6	122.
31.7	88.0	9496.2	262.0	-56.6	-40.9	302.1	23.7	20.1	-12.6	317.7	294.9	0.0	99.9	33.3	123.
32.3	89.0	9618.6	257.0	-55.9	-40.9	301.8	22.9	19.5	-12.1	320.4	294.9	0.0	99.9	34.3	122.
32.6	90.0	9743.8	252.0	-55.6	-40.9	302.2	22.0	18.7	-11.7	322.7	294.9	0.0	99.9	34.7	122.
33.2	91.0	9871.6	247.0	-55.1	-40.9	304.7	21.3	17.5	-12.1	325.3	294.9	0.0	99.9	35.3	122.
33.7	92.0	10002.6	242.0	-53.8	-40.9	307.4	21.3	16.9	-12.9	329.1	294.9	0.0	99.9	36.1	123.
34.1	93.0	10109.8	238.0	-53.5	-40.9	309.7	20.7	15.9	-13.2	331.2	294.9	0.0	99.9	36.6	123.
34.6	94.0	10246.4	233.0	-53.6	-40.9	311.7	19.1	14.3	-12.7	333.0	294.9	0.0	99.9	37.1	123.
35.1	95.0	10358.1	229.0	-52.2	-40.9	309.4	18.2	14.1	-13.6	336.8	294.9	0.0	99.9	37.8	123.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
2100 GMT

154 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
35.7	96.0	10530.1	223.0	-51.8	99.9	300.5	20.0	17.3	-10.2	340.1	999.9	99.9	999.9	38.3	123.
36.2	97.0	10677.1	218.0	-51.9	99.9	294.9	23.7	21.5	-10.0	342.0	999.9	99.9	999.9	39.0	123.
36.6	98.0	10797.1	214.0	-51.6	99.9	293.6	26.9	24.7	-10.8	344.3	999.9	99.9	999.9	39.5	123.
37.1	99.0	10950.9	209.0	-50.7	99.9	295.3	29.5	26.7	-12.6	348.1	999.9	99.9	999.9	40.4	122.
37.5	100.0	11076.9	205.0	-50.5	99.9	297.7	29.3	25.9	-13.6	350.3	999.9	99.9	999.9	41.3	122.
38.2	101.0	11237.9	200.0	-50.5	99.9	300.9	24.9	21.3	-12.8	352.8	999.9	99.9	999.9	42.3	122.
38.7	102.0	11369.7	196.0	-50.2	99.9	301.5	23.2	19.8	-12.1	355.3	999.9	99.9	999.9	43.0	122.
39.3	103.0	11504.3	192.0	-50.2	99.9	300.0	23.7	20.5	-12.9	357.4	999.9	99.9	999.9	43.8	122.
39.7	104.0	11676.4	187.0	-50.8	99.9	298.9	24.2	21.2	-12.7	359.1	999.9	99.9	999.9	44.4	122.
40.3	105.0	11817.2	183.0	-50.7	99.9	298.9	24.2	21.2	-12.7	361.6	999.9	99.9	999.9	45.3	122.
40.7	106.0	11961.1	179.0	-51.0	99.9	299.9	24.3	21.1	-12.1	363.4	999.9	99.9	999.9	45.9	122.
41.3	107.0	12108.0	175.0	-51.6	99.9	300.9	25.3	21.8	-12.0	364.7	999.9	99.9	999.9	46.7	122.
41.8	108.0	12220.2	172.0	-51.8	99.9	300.5	26.2	22.6	-13.3	366.3	999.9	99.9	999.9	47.5	122.
42.4	109.0	12372.8	168.0	-51.8	99.9	300.3	26.0	22.4	-13.1	368.8	999.9	99.9	999.9	48.5	122.
42.9	110.0	12529.2	164.0	-51.4	99.9	301.7	24.7	21.0	-13.0	371.8	999.9	99.9	999.9	49.2	122.
43.6	111.0	12730.3	159.0	-51.3	99.9	303.8	22.3	18.6	-12.4	375.4	999.9	99.9	999.9	50.4	122.
44.2	112.0	12854.0	156.0	-51.4	99.9	301.6	22.3	19.0	-11.7	377.2	999.9	99.9	999.9	50.9	122.
44.7	113.0	13022.7	152.0	-51.4	99.9	298.7	23.4	20.5	-11.3	380.0	999.9	99.9	999.9	51.7	122.
45.2	114.0	13152.1	149.0	-51.8	99.9	297.0	22.9	20.4	-10.4	381.6	999.9	99.9	999.9	52.5	122.
45.7	115.0	13328.2	145.0	-52.7	99.9	295.4	20.7	18.7	-8.9	383.0	999.9	99.9	999.9	53.1	122.
46.4	116.0	13508.8	141.0	-52.7	99.9	290.3	19.4	18.2	-6.7	386.1	999.9	99.9	999.9	53.9	122.
47.0	117.0	13647.8	138.0	-52.2	99.9	288.0	21.2	20.2	-6.5	389.3	999.9	99.9	999.9	54.4	122.
47.6	118.0	13790.1	135.0	-52.2	99.9	291.6	21.8	20.3	-6.0	391.7	999.9	99.9	999.9	55.4	121.
48.3	119.0	13984.7	131.0	-52.2	99.9	298.0	22.2	19.6	-12.4	395.1	999.9	99.9	999.9	56.2	121.
48.9	120.0	14134.7	128.0	-51.9	99.9	300.8	22.5	19.3	-12.5	398.3	999.9	99.9	999.9	57.1	121.
49.5	121.0	14288.1	125.0	-52.7	99.9	301.3	22.6	19.3	-12.7	399.6	999.9	99.9	999.9	57.9	121.
50.1	122.0	14444.9	122.0	-53.0	99.9	301.4	24.3	20.7	-12.6	401.8	999.9	99.9	999.9	58.6	121.
50.6	123.0	14605.3	119.0	-53.3	99.9	301.8	24.7	21.0	-11.0	404.1	999.9	99.9	999.9	59.6	121.
51.2	124.0	14769.6	116.0	-53.8	99.9	304.0	23.2	19.2	-12.9	406.2	999.9	99.9	999.9	60.3	121.
51.6	125.0	14937.7	113.0	-54.4	99.9	306.0	22.1	17.9	-13.0	408.0	999.9	99.9	999.9	60.9	121.
52.4	126.0	15168.0	109.0	-55.4	99.9	304.8	19.7	16.2	-11.2	410.4	999.9	99.9	999.9	61.9	121.
53.0	127.0	15346.0	106.0	-55.6	99.9	295.4	16.6	15.0	-7.1	413.4	999.9	99.9	999.9	62.6	122.
53.7	128.0	15528.6	103.0	-56.4	99.9	286.3	16.6	15.9	-4.6	415.2	999.9	99.9	999.9	63.1	121.
54.3	129.0	15653.0	101.0	-56.6	99.9	290.1	21.4	20.1	-7.3	417.3	999.9	99.9	999.9	63.7	121.
54.9	130.0	15845.0	98.0	-55.1	99.9	294.5	25.4	23.1	-10.5	423.8	999.9	99.9	999.9	64.6	121.
55.7	131.0	16043.6	95.0	-55.1	99.9	294.8	23.9	21.7	-13.0	427.5	999.9	99.9	999.9	66.0	121.
56.4	132.0	16248.8	92.0	-54.6	99.9	294.0	21.4	19.6	-1.7	432.4	999.9	99.9	999.9	66.8	121.
57.0	133.0	16460.6	89.0	-55.4	99.9	292.5	19.5	18.0	-1.5	434.9	999.9	99.9	999.9	67.7	121.
57.7	134.0	16605.2	87.0	-56.4	99.9	288.9	20.2	19.1	-1.5	435.8	999.9	99.9	999.9	68.3	121.
58.4	135.0	16827.8	84.0	-56.7	99.9	291.2	25.6	23.9	-6.3	439.5	999.9	99.9	999.9	69.1	120.
59.4	136.0	17058.2	81.0	-57.1	99.9	292.9	27.7	25.5	-10.8	443.4	999.9	99.9	999.9	71.1	120.
60.2	137.0	17297.3	78.0	-56.7	99.9	290.1	23.2	21.8	-7.9	448.9	999.9	99.9	999.9	72.2	120.
61.0	138.0	17546.5	75.0	-55.7	99.9	290.4	21.4	20.1	-7.5	456.1	999.9	99.9	999.9	73.2	120.
61.8	139.0	17805.9	72.0	-56.6	99.9	291.6	16.8	15.6	-1.2	459.7	999.9	99.9	999.9	74.2	120.
62.7	140.0	18075.6	69.0	-57.1	99.9	295.1	14.8	13.4	-3.3	464.2	999.9	99.9	999.9	74.8	120.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
2100 GMT

154 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
63.7	141.0	18357.5	66.0	-56.2	99.9	293.4	16.5	15.1	-4.6	472.0	999.9	99.9	999.9	75.9	120.
64.7	142.0	18552.1	64.0	-58.3	99.9	284.2	18.5	17.9	-4.5	471.7	999.9	99.9	999.9	76.8	120.
65.7	143.0	18853.9	61.0	-58.8	99.9	294.6	21.3	19.4	-6.9	477.1	999.9	99.9	999.9	78.0	119.
66.5	144.0	19169.3	58.0	-60.5	99.9	304.0	18.5	15.3	-10.3	480.0	999.9	99.9	999.9	79.3	119.
67.5	145.0	19499.3	55.0	-61.5	99.9	305.7	20.5	16.6	-10.9	485.3	999.9	99.9	999.9	80.0	120.
68.5	146.0	19847.0	52.0	-61.6	99.9	301.6	16.1	13.7	-9.5	492.7	999.9	99.9	999.9	80.8	120.
69.6	147.0	20090.5	50.0	-60.7	99.9	294.9	22.2	20.1	-9.4	500.4	999.9	99.9	999.9	82.5	120.
70.6	148.0	20475.0	47.0	-61.3	99.9	294.0	22.9	20.9	-9.3	508.0	999.9	99.9	999.9	84.0	119.
71.8	149.0	20884.0	44.0	-61.6	99.9	298.0	16.0	14.1	-7.5	516.8	999.9	99.9	999.9	85.2	119.
73.0	150.0	21171.7	42.0	-62.4	99.9	302.6	14.3	12.1	-7.7	521.9	999.9	99.9	999.9	86.1	119.
74.5	151.0	21628.2	39.0	-63.3	99.9	305.3	23.9	19.5	-13.8	530.7	999.9	99.9	999.9	88.0	120.
75.7	152.0	22118.8	36.0	-64.5	99.9	300.8	25.1	21.5	-12.8	540.0	999.9	99.9	999.9	89.9	120.
77.0	153.0	22648.6	33.0	-66.1	99.9	299.6	14.9	13.0	-7.4	549.4	999.9	99.9	999.9	91.4	120.
78.5	154.0	23029.5	31.0	-64.3	99.9	300.1	20.4	17.7	-10.2	564.1	999.9	99.9	999.9	92.9	120.
80.2	155.0	23653.1	28.0	-63.7	99.9	321.6	17.5	10.9	-13.7	582.4	999.9	99.9	999.9	95.1	120.
81.9	156.0	24350.2	25.0	-62.6	99.9	327.6	15.1	8.1	-12.8	604.8	999.9	99.9	999.9	96.6	120.
84.1	157.0	24866.1	23.0	-61.3	99.9	331.0	13.1	6.3	-11.4	623.2	999.9	99.9	999.9	97.9	121.
86.2	158.0	25733.2	20.0	-61.5	99.9	329.0	21.2	10.9	-18.2	648.1	999.9	99.9	999.9	99.2	121.
88.7	159.0	26749.4	17.0	-57.9	99.9	999.9	99.9	99.9	99.9	690.3	999.9	99.9	999.9	999.9	999.

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
2315 GMT

144 38. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	316.0	978.3	-15.7	-21.3	280.0	5.1	5.0	-0.9	259.2	261.0	0.7	62.0	0.0	0.
0.3	7.0	403.6	967.0	-16.0	-20.7	273.4	6.5	6.5	-0.4	259.7	261.7	0.8	66.7	0.3	91.
0.6	8.0	505.4	954.0	-16.8	-21.3	273.8	6.8	6.8	-0.5	259.9	261.8	0.7	68.0	0.3	91.
1.0	9.0	600.3	942.0	-17.8	-21.5	275.2	8.2	8.2	-0.7	259.9	261.8	0.7	73.9	0.5	92.
1.3	10.0	696.1	930.0	-18.7	-21.2	276.4	9.3	9.3	-1.0	259.8	261.8	0.8	80.7	0.6	93.
1.7	11.0	817.0	915.0	-19.9	-21.3	279.2	9.9	9.8	-1.6	259.8	261.8	0.8	89.2	0.9	94.
2.1	12.0	914.9	903.0	-20.6	-21.3	282.5	9.6	9.4	-2.1	260.1	262.1	0.8	94.6	1.1	95.
2.4	13.0	1022.3	890.0	-19.8	-20.6	282.3	9.2	9.0	-2.0	262.0	264.2	0.8	93.7	1.3	97.
2.8	14.0	1123.9	878.0	-15.7	-25.1	277.9	9.5	9.4	-1.3	267.2	268.8	0.6	44.3	1.5	97.
3.1	15.0	1227.7	866.0	-15.9	-25.6	275.6	9.9	9.8	-1.0	268.2	269.7	0.5	42.7	1.7	97.
3.5	16.0	1350.4	852.0	-16.7	-27.4	276.9	10.1	10.1	-1.2	268.5	269.9	0.5	38.6	1.9	97.
3.9	17.0	1456.8	840.0	-17.2	-26.5	282.3	10.0	9.7	-2.1	269.1	270.5	0.5	44.2	2.1	97.
4.2	18.0	1555.5	829.0	-18.1	-27.7	288.9	10.4	9.8	-3.4	269.2	270.5	0.5	42.5	2.3	98.
4.6	19.0	1664.4	817.0	-18.3	-29.6	297.6	11.5	10.2	-3.3	270.0	271.2	0.4	36.1	2.6	99.
5.0	20.0	1774.7	805.0	-19.1	-25.8	303.9	12.9	10.7	-7.2	270.3	271.9	0.6	55.2	2.8	101.
5.4	21.0	1895.7	792.0	-20.2	-25.6	307.0	14.6	11.6	-8.8	270.4	272.1	0.6	61.9	3.1	104.
5.7	22.0	2008.7	780.0	-20.6	-24.7	308.3	15.2	12.0	-7.4	271.2	273.0	0.7	69.8	3.4	106.
6.0	23.0	2104.1	770.0	-21.4	-26.0	309.2	15.6	12.1	-7.9	271.3	273.0	0.6	66.4	3.7	108.
6.4	24.0	2210.4	759.0	-20.4	-36.3	309.2	15.2	11.8	-7.6	273.6	274.2	0.2	21.2	4.0	109.
6.8	25.0	2318.4	748.0	-20.8	-37.3	313.4	15.5	11.3	-10.7	274.3	274.9	0.2	20.8	4.4	111.
7.2	26.0	2448.1	735.0	-20.8	-37.6	318.5	16.2	10.7	-12.1	275.6	276.3	0.2	20.4	4.7	113.
7.6	27.0	2559.6	724.0	-20.6	-37.7	323.1	16.9	10.1	-13.5	277.0	277.6	0.2	19.9	5.1	115.
7.9	28.0	2662.5	714.0	-20.5	-36.9	326.2	17.4	9.7	-14.4	278.2	278.9	0.2	21.2	5.3	117.
8.3	29.0	2766.9	704.0	-20.5	-36.0	329.0	17.9	9.2	-15.4	279.4	280.1	0.2	23.5	5.7	119.
8.7	30.0	2883.3	693.0	-21.2	-35.8	330.0	18.4	9.2	-15.9	279.9	280.7	0.3	25.2	6.1	121.
9.0	31.0	2990.5	683.0	-21.6	-35.4	330.0	18.6	9.3	-15.1	280.6	281.4	0.3	27.1	6.4	123.
9.4	32.0	3099.3	673.0	-21.6	-34.3	327.7	18.6	9.9	-15.7	281.8	282.7	0.3	30.5	6.8	125.
9.8	33.0	3209.5	663.0	-22.2	-34.7	324.5	18.6	10.8	-15.2	282.2	283.2	0.3	32.6	7.2	126.
10.2	34.0	3320.9	653.0	-23.3	-34.2	321.0	18.9	11.9	-14.6	282.3	283.2	0.3	35.8	7.6	127.
10.5	35.0	3422.4	644.0	-23.8	-33.7	319.3	19.1	12.7	-14.3	282.8	283.8	0.3	39.3	7.9	128.
11.0	36.0	3559.7	632.0	-24.2	-33.4	314.8	19.9	14.1	-15.0	283.9	285.0	0.4	42.0	8.5	128.
11.4	37.0	3675.9	622.0	-24.6	-36.3	313.3	20.6	15.0	-14.1	284.7	285.5	0.3	32.6	9.0	128.
11.8	38.0	3781.9	613.0	-25.3	-35.7	313.0	21.1	15.5	-14.4	285.1	286.1	0.3	39.3	9.5	128.
12.2	39.0	3901.3	603.0	-25.7	-34.2	313.7	21.4	15.4	-14.8	286.0	287.1	0.3	44.4	10.0	129.
12.6	40.0	4010.2	594.0	-26.3	-34.9	315.2	21.3	15.0	-15.1	286.5	287.5	0.3	44.1	10.6	129.
13.1	41.0	4145.2	583.0	-26.7	-35.3	316.9	21.0	14.4	-15.4	287.6	288.6	0.3	43.7	11.2	129.
13.5	42.0	4257.4	574.0	-27.5	-36.1	317.7	20.8	14.0	-15.4	287.9	288.9	0.3	43.3	11.7	130.
13.9	43.0	4371.0	565.0	-27.9	-40.3	317.8	20.2	13.6	-15.0	288.7	289.4	0.2	29.0	12.2	130.
14.3	44.0	4486.2	556.0	-28.8	-42.5	317.5	19.4	13.1	-14.3	289.0	289.5	0.2	24.9	12.7	130.
14.8	45.0	4602.7	547.0	-30.0	-44.3	317.2	19.8	12.9	-13.8	288.9	289.4	0.1	23.1	13.2	131.
15.2	46.0	4720.7	538.0	-30.8	-46.7	317.5	18.9	12.8	-14.0	289.3	289.7	0.1	20.7	13.6	131.
15.7	47.0	4826.8	530.0	-31.6	-46.4	319.1	19.4	12.7	-14.6	289.6	290.0	0.1	20.8	14.2	131.
16.1	48.0	4947.8	521.0	-32.4	-47.3	321.0	19.3	12.2	-15.0	290.1	290.5	0.1	20.9	14.7	131.
16.5	49.0	5056.8	513.0	-33.3	-48.0	322.8	18.8	11.4	-15.0	290.3	290.6	0.1	20.9	15.1	132.
16.9	50.0	5167.0	505.0	-34.2	-48.8	323.7	18.4	10.9	-14.8	290.5	290.8	0.1	21.0	15.6	132.

\* BY SPFD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
2315 GMT

144 38. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
17.4	51.0	5306.6	495.0	-35.5	-49.9	324.0	18.1	10.7	-14.7	290.5	290.8	0.1	21.1	16.1	133.
17.9	52.0	5434.0	486.0	-36.6	-50.8	323.5	17.6	10.5	-14.1	290.7	291.0	0.1	21.2	16.6	133.
18.3	53.0	5548.8	478.0	-37.7	-51.5	322.5	16.9	10.3	-13.4	290.8	291.0	0.1	21.7	17.1	133.
18.7	54.0	5650.4	471.0	-38.2	-51.5	320.9	16.6	10.5	-12.9	291.4	291.6	0.1	22.5	17.4	133.
19.2	55.0	5768.1	463.0	-39.3	-52.3	319.2	17.3	11.3	-13.1	291.5	291.7	0.1	23.3	17.9	134.
19.8	56.0	5917.4	453.0	-40.1	99.9	318.8	18.7	12.2	-14.1	292.3	999.9	99.9	999.9	18.6	134.
20.1	57.0	6038.9	445.0	-40.5	99.9	319.0	19.2	12.6	-14.5	293.3	999.9	99.9	999.9	18.9	134.
20.6	58.0	6146.7	438.0	-41.6	99.9	319.6	19.5	12.6	-14.8	293.3	999.9	99.9	999.9	19.5	134.
21.0	59.0	6271.6	430.0	-42.1	99.9	320.3	19.4	12.4	-14.9	294.1	999.9	99.9	999.9	20.0	134.
21.4	60.0	6382.4	423.0	-43.1	99.9	321.4	19.3	12.0	-15.1	294.3	999.9	99.9	999.9	20.4	134.
21.9	61.0	6494.6	416.0	-44.2	99.9	322.6	19.1	11.6	-15.2	294.2	999.9	99.9	999.9	21.0	134.
22.3	62.0	6624.6	408.0	-44.9	99.9	323.4	18.9	11.3	-15.2	295.0	999.9	99.9	999.9	21.5	135.
22.8	63.0	6740.0	401.0	-46.0	99.9	323.9	18.9	11.1	-15.3	295.0	999.9	99.9	999.9	22.0	135.
23.4	64.0	6857.0	394.0	-46.9	99.9	323.6	19.1	11.3	-15.3	295.3	999.9	99.9	999.9	22.6	135.
23.8	65.0	6975.5	387.0	-47.9	99.9	322.8	18.7	11.3	-14.9	295.5	999.9	99.9	999.9	23.2	135.
24.5	66.0	7113.0	379.0	-48.9	99.9	319.8	18.3	11.8	-14.0	295.9	999.9	99.9	999.9	23.8	136.
25.0	67.0	7235.5	372.0	-48.8	99.9	316.9	20.1	13.8	-14.7	297.7	999.9	99.9	999.9	24.4	136.
25.4	68.0	7360.3	365.0	-48.9	99.9	315.4	21.6	15.2	-15.4	299.2	999.9	99.9	999.9	24.9	136.
26.0	69.0	7487.3	358.0	-49.7	99.9	313.4	21.7	15.8	-14.9	299.8	999.9	99.9	999.9	25.8	136.
26.4	70.0	7597.7	352.0	-50.7	99.9	311.6	20.2	15.1	-13.4	299.9	999.9	99.9	999.9	26.3	136.
27.1	71.0	7747.1	344.0	-51.6	99.9	308.3	18.2	14.3	-14.3	300.6	999.9	99.9	999.9	27.1	135.
27.7	72.0	7880.3	337.0	-52.4	99.9	306.5	19.2	15.4	-14.4	301.4	999.9	99.9	999.9	27.7	135.
28.2	73.0	7996.1	331.0	-53.8	99.9	305.5	20.6	16.8	-14.0	301.0	999.9	99.9	999.9	28.3	135.
28.6	74.0	8113.5	325.0	-54.4	99.9	304.9	21.0	17.3	-14.0	301.7	999.9	99.9	999.9	28.8	135.
29.2	75.0	8252.8	318.0	-55.2	99.9	304.0	20.5	17.0	-11.5	302.5	999.9	99.9	999.9	29.6	135.
29.6	76.0	8374.1	312.0	-56.3	99.9	303.2	20.5	17.1	-11.2	302.6	999.9	99.9	999.9	30.0	134.
30.1	77.0	8497.2	306.0	-57.1	99.9	302.4	21.6	18.2	-11.6	303.1	999.9	99.9	999.9	30.6	134.
30.6	78.0	8622.2	300.0	-58.0	99.9	302.8	22.8	19.1	-12.3	303.6	999.9	99.9	999.9	31.2	134.
31.0	79.0	8749.3	294.0	-58.7	99.9	303.7	22.6	18.8	-12.5	304.4	999.9	99.9	999.9	32.0	134.
31.6	80.0	8900.7	287.0	-58.7	99.9	305.2	21.3	17.4	-12.3	306.5	999.9	99.9	999.9	32.6	133.
32.1	81.0	9055.9	280.0	-58.7	99.9	306.6	21.9	17.6	-13.0	308.7	999.9	99.9	999.9	33.2	133.
32.7	82.0	9192.0	274.0	-58.7	99.9	308.4	24.2	19.0	-15.0	310.6	999.9	99.9	999.9	34.0	133.
33.1	83.0	9307.7	269.0	-58.7	99.9	309.6	25.6	19.7	-16.3	312.3	999.9	99.9	999.9	34.6	133.
33.7	84.0	9449.8	263.0	-57.3	99.9	310.5	26.2	19.9	-17.0	316.3	999.9	99.9	999.9	35.6	133.
34.1	85.0	9571.5	258.0	-56.2	99.9	309.9	25.6	19.6	-16.4	319.7	999.9	99.9	999.9	36.3	133.
34.9	86.0	9746.7	251.0	-55.4	99.9	304.9	23.6	19.4	-13.5	323.4	999.9	99.9	999.9	37.5	133.
35.4	87.0	9875.1	246.0	-55.2	99.9	302.9	22.8	19.2	-12.4	325.5	999.9	99.9	999.9	38.1	133.
36.0	88.0	10006.4	241.0	-54.6	99.9	303.1	23.5	19.7	-12.9	328.4	999.9	99.9	999.9	38.9	132.
36.7	89.0	10140.9	236.0	-53.8	99.9	303.3	26.8	22.4	-14.7	331.6	999.9	99.9	999.9	39.9	132.
37.2	90.0	10278.7	231.0	-53.0	99.9	301.8	27.4	23.3	-14.5	334.8	999.9	99.9	999.9	40.8	132.
37.8	91.0	10420.0	226.0	-52.5	99.9	298.6	25.5	22.4	-12.2	337.6	999.9	99.9	999.9	41.8	132.
38.4	92.0	10564.8	221.0	-51.9	99.9	298.2	24.7	21.8	-11.7	340.7	999.9	99.9	999.9	42.6	131.
39.0	93.0	10713.0	216.0	-52.1	99.9	302.5	27.5	23.2	-14.8	342.7	999.9	99.9	999.9	43.3	131.
39.6	94.0	10833.9	212.0	-52.5	99.9	305.8	29.2	23.7	-17.1	343.8	999.9	99.9	999.9	44.5	131.
40.1	95.0	10988.1	207.0	-52.7	99.9	306.0	27.3	22.1	-16.0	345.9	999.9	99.9	999.9	45.5	131.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
2315 GMT

144 38. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
40.9	96.0	11146.2	202.0	-52.1	99.9	302.6	23.7	19.1	-12.8	349.3	999.9	99.9	999.9	46.5	131.
41.5	97.0	11308.5	197.0	-52.1	99.9	302.0	24.1	20.1	-12.8	351.9	999.9	99.9	999.9	47.5	131.
42.1	98.0	11441.6	193.0	-51.5	99.9	303.5	26.0	21.7	-14.4	354.9	999.9	99.9	999.9	48.2	130.
42.7	99.0	11612.2	188.0	-50.9	99.9	304.0	26.7	22.1	-14.9	358.5	999.9	99.9	999.9	49.3	130.
43.3	100.0	11752.1	184.0	-51.5	99.9	302.9	25.4	21.3	-13.8	359.8	999.9	99.9	999.9	50.2	130.
44.0	101.0	11930.8	179.0	-51.9	99.9	300.5	24.2	20.1	-12.3	361.9	999.9	99.9	999.9	51.3	130.
44.7	102.0	12077.4	175.0	-51.5	99.9	299.3	25.7	22.4	-12.6	365.0	999.9	99.9	999.9	52.7	130.
45.4	103.0	12227.6	171.0	-51.5	99.9	298.3	26.5	23.3	-12.6	367.4	999.9	99.9	999.9	53.4	130.
46.0	104.0	12381.3	167.0	-51.5	99.9	297.8	25.4	22.4	-11.8	369.9	999.9	99.9	999.9	54.2	129.
46.7	105.0	12538.7	163.0	-51.5	99.9	299.2	23.9	21.0	-11.3	372.5	999.9	99.9	999.9	55.3	129.
47.3	106.0	12699.8	159.0	-52.1	99.9	300.6	24.4	21.0	-12.4	374.1	999.9	99.9	999.9	56.0	129.
47.8	107.0	12823.2	156.0	-51.8	99.9	303.6	24.8	20.7	-13.8	376.7	999.9	99.9	999.9	56.9	129.
48.4	108.0	12991.5	152.0	-52.4	99.9	306.9	23.3	18.6	-14.0	378.4	999.9	99.9	999.9	57.8	129.
49.0	109.0	13163.7	148.0	-53.0	99.9	308.4	22.4	17.1	-13.9	380.2	999.9	99.9	999.9	58.5	129.
49.6	110.0	13295.7	145.0	-53.1	99.9	306.8	24.3	19.5	-14.6	382.2	999.9	99.9	999.9	59.2	129.
50.4	111.0	13521.4	140.0	-53.9	99.9	302.1	22.9	19.4	-12.2	384.7	999.9	99.9	999.9	60.6	129.
51.0	112.0	13660.4	137.0	-54.4	99.9	299.2	20.9	18.2	-10.2	386.3	999.9	99.9	999.9	61.3	129.
51.6	113.0	13850.1	133.0	-54.7	99.9	298.1	19.6	17.3	-9.2	389.0	999.9	99.9	999.9	62.1	129.
52.2	114.0	13996.0	130.0	-54.9	99.9	298.5	19.0	16.7	-9.1	391.2	999.9	99.9	999.9	62.7	128.
53.0	115.0	14145.3	127.0	-54.9	99.9	303.7	22.8	19.0	-12.7	393.9	999.9	99.9	999.9	63.4	128.
53.8	116.0	14350.1	123.0	-54.6	99.9	307.5	25.4	20.2	-15.5	398.1	999.9	99.9	999.9	64.8	128.
54.6	117.0	14508.2	120.0	-54.6	99.9	308.3	23.2	18.2	-14.4	400.9	999.9	99.9	999.9	66.2	128.
55.2	118.0	14670.2	117.0	-54.7	99.9	308.0	20.2	15.9	-12.5	403.5	999.9	99.9	999.9	66.8	128.
55.9	119.0	14836.4	114.0	-54.9	99.9	304.9	19.0	15.6	-12.9	406.2	999.9	99.9	999.9	67.6	128.
56.6	120.0	15006.9	111.0	-54.9	99.9	297.6	20.4	18.1	-9.5	409.3	999.9	99.9	999.9	68.4	128.
57.2	121.0	15181.7	108.0	-55.8	99.9	292.8	20.8	19.2	-8.1	410.7	999.9	99.9	999.9	69.2	128.
57.8	122.0	15360.7	105.0	-56.5	99.9	289.6	19.5	18.4	-6.5	412.8	999.9	99.9	999.9	69.9	128.
58.5	123.0	15482.6	103.0	-57.1	99.9	286.8	19.2	18.3	-5.6	413.8	999.9	99.9	999.9	70.6	128.
59.2	124.0	15669.5	100.0	-57.3	99.9	287.5	22.1	21.1	-6.7	417.0	999.9	99.9	999.9	71.4	127.
59.9	125.0	15861.9	97.0	-57.8	99.9	292.7	25.7	23.7	-9.9	419.7	999.9	99.9	999.9	72.2	127.
60.8	126.0	16060.4	94.0	-57.0	99.9	298.6	24.5	21.5	-11.7	425.1	999.9	99.9	999.9	73.8	127.
61.4	127.0	16265.7	91.0	-57.1	99.9	298.8	21.2	18.6	-10.2	428.7	999.9	99.9	999.9	74.7	127.
62.1	128.0	16406.4	89.0	-57.0	99.9	296.4	21.1	18.9	-9.4	431.8	999.9	99.9	999.9	75.4	127.
62.8	129.0	16623.4	86.0	-57.1	99.9	297.5	25.2	22.4	-11.6	435.7	999.9	99.9	999.9	76.3	127.
63.5	130.0	16772.1	84.0	-57.8	99.9	298.5	27.3	23.7	-13.0	437.3	999.9	99.9	999.9	77.6	127.
64.3	131.0	17001.9	81.0	-57.0	99.9	293.6	24.9	22.8	-7.9	443.6	999.9	99.9	999.9	78.7	126.
65.0	132.0	17241.1	78.0	-56.7	99.9	289.2	22.8	21.6	-7.5	449.1	999.9	99.9	999.9	79.8	126.
65.7	133.0	17405.8	76.0	-56.7	99.9	290.8	20.9	19.6	-7.4	452.4	999.9	99.9	999.9	80.6	126.
66.3	134.0	17574.5	74.0	-57.8	99.9	296.5	20.3	18.2	-9.1	453.5	999.9	99.9	999.9	81.3	126.
67.0	135.0	17747.0	72.0	-58.5	99.9	302.9	20.3	17.1	-11.1	455.6	999.9	99.9	999.9	82.1	126.
67.9	136.0	18014.5	69.0	-58.7	99.9	300.2	15.8	13.6	-7.9	460.8	999.9	99.9	999.9	83.3	126.
68.8	137.0	18293.2	66.0	-59.5	99.9	296.4	14.8	13.2	-5.6	464.8	999.9	99.9	999.9	83.8	126.
69.7	138.0	18486.2	64.0	-58.7	99.9	295.6	16.5	14.9	-7.1	470.8	999.9	99.9	999.9	84.8	126.
70.7	139.0	18685.4	62.0	-59.3	99.9	291.0	18.0	16.8	-6.5	473.6	999.9	99.9	999.9	85.7	125.
71.7	140.0	18995.4	59.0	-60.2	99.9	287.2	16.5	15.7	-4.9	478.4	999.9	99.9	999.9	86.8	125.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 655  
ST CLOUD, MINN

6 FEBRUARY 1975  
2315 GMT

144 38. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
72.7	141.0	19320.2	56.0	-61.1	99.9	289.9	22.3	21.0	-7.6	483.6	999.9	99.9	999.9	87.7	125.
73.7	142.0	19546.6	54.0	-60.0	99.9	293.4	22.0	20.2	-3.7	491.1	999.9	99.9	999.9	89.2	125.
74.7	143.0	19782.1	52.0	-60.4	99.9	301.1	23.7	20.3	-12.3	495.6	999.9	99.9	999.9	90.6	125.
75.6	144.0	20025.8	50.0	-61.6	99.9	304.3	24.3	20.0	-13.7	498.3	999.9	99.9	999.9	91.7	125.
76.6	145.0	20408.5	47.0	-62.4	99.9	302.0	22.2	18.9	-11.8	505.4	999.9	99.9	999.9	93.3	125.
77.8	146.0	20677.2	45.0	-62.0	99.9	299.5	19.9	17.3	-9.8	512.6	999.9	99.9	999.9	94.6	125.
78.8	147.0	20957.4	43.0	-63.5	99.9	299.1	25.7	22.5	-12.5	515.7	999.9	99.9	999.9	95.9	125.
79.9	148.0	21400.9	40.0	-64.2	99.9	999.9	99.9	99.9	99.9	524.6	999.9	99.9	999.9	999.9	999.
81.1	149.0	21713.8	38.0	-65.6	99.9	999.9	99.9	99.9	99.9	528.9	999.9	99.9	999.9	999.9	999.

STATION NO. 655  
ST CLOUD, MINN

7 FEBRUARY 1975  
515 GMT

158 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COM M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	6.3	316.0	976.6	-21.5	-25.5	240.0	3.1	2.7	1.5	253.4	254.7	0.5	70.0	0.0	0.
0.3	7.0	350.9	972.0	-19.9	-21.0	236.2	13.6	13.1	-3.8	255.4	257.3	0.7	90.5	0.2	51.
0.6	8.0	443.4	960.0	-18.4	-18.5	286.2	13.3	12.7	-3.7	257.9	260.2	0.9	99.0	0.2	69.
0.9	9.0	537.5	948.0	-17.3	-17.4	286.4	12.2	11.7	-3.4	259.9	262.6	1.0	95.4	0.4	89.
1.3	10.0	625.0	937.0	-17.7	-17.9	286.9	10.7	10.1	-3.1	260.4	262.9	1.0	98.5	0.7	95.
1.6	11.0	737.6	923.0	-18.0	-18.3	287.4	10.0	9.1	-3.0	261.2	263.8	1.0	97.7	0.9	98.
2.0	12.0	827.2	912.0	-18.4	-18.9	288.1	10.7	10.1	-3.3	261.7	264.1	0.9	95.5	1.1	100.
2.3	13.0	917.7	901.0	-18.8	-19.5	286.8	10.9	10.1	-3.2	262.2	264.5	0.9	93.0	1.3	101.
2.6	14.0	1009.6	890.0	-17.3	-17.4	285.5	10.9	10.1	-2.9	264.6	267.5	1.1	97.3	1.5	102.
3.0	15.0	1102.9	879.0	-16.8	-21.4	283.9	10.4	10.1	-2.5	266.1	268.2	0.8	66.8	1.8	102.
3.4	16.0	1214.8	866.0	-17.0	-30.9	282.4	11.0	10.1	-2.4	266.9	267.9	0.3	28.7	2.0	102.
3.7	17.0	1310.8	855.0	-16.6	-30.3	281.9	10.8	10.1	-2.2	268.3	269.3	0.4	29.4	2.2	102.
4.0	18.0	1408.1	844.0	-16.5	-29.9	281.6	10.2	10.1	-2.0	269.5	270.5	0.4	30.0	2.4	102.
4.4	19.0	1497.7	834.0	-16.9	-30.3	284.3	11.1	10.1	-2.7	270.0	271.0	0.4	31.0	2.6	102.
4.7	20.0	1597.4	823.0	-16.5	-29.3	284.9	11.0	10.1	-2.8	271.4	272.5	0.4	30.4	2.9	102.
5.0	21.0	1717.3	810.0	-16.1	-29.3	284.9	10.6	10.1	-2.7	273.1	274.2	0.4	29.3	3.1	103.
5.4	22.0	1810.9	800.0	-15.8	-29.8	288.4	9.3	8.1	-2.9	274.4	275.5	0.4	28.6	3.3	103.
5.6	23.0	1905.8	790.0	-15.5	-29.1	289.7	9.5	8.1	-3.2	275.6	276.9	0.4	30.0	3.4	103.
5.9	24.0	2001.9	780.0	-15.7	-29.0	290.2	11.0	10.1	-3.8	276.5	277.8	0.4	30.7	3.6	104.
6.3	25.0	2109.1	769.0	-15.7	-28.8	286.6	12.0	11.1	-3.4	277.6	279.0	0.5	31.3	3.9	104.
6.7	26.0	2237.5	756.0	-16.5	-29.4	283.7	12.7	12.1	-3.0	278.1	279.4	0.4	31.6	4.2	104.
7.0	27.0	2337.4	746.0	-17.4	-29.7	282.8	13.3	13.1	-3.0	278.1	279.4	0.4	33.2	4.4	104.
7.3	28.0	2428.3	737.0	-18.0	-30.0	282.2	13.8	13.1	-2.9	278.5	279.7	0.4	33.7	4.7	104.
7.6	29.0	2530.3	727.0	-18.8	-30.6	281.8	14.2	13.1	-2.9	278.7	279.9	0.4	34.3	4.9	104.
8.0	30.0	2633.3	717.0	-19.7	-31.3	281.7	15.0	14.1	-3.0	278.7	279.9	0.4	34.8	5.2	104.
8.3	31.0	2726.9	708.0	-20.6	-31.9	281.8	15.6	15.1	-3.2	278.8	279.9	0.4	35.3	5.5	103.
8.6	32.0	2832.0	698.0	-21.2	-32.3	281.8	16.2	15.1	-3.3	279.2	280.3	0.4	35.8	5.8	103.
8.9	33.0	2938.4	688.0	-21.8	-32.7	281.8	16.6	16.1	-3.4	279.8	280.8	0.3	36.1	6.1	103.
9.2	34.0	3046.1	678.0	-22.4	-33.5	281.7	16.8	16.1	-3.4	280.2	281.2	0.3	35.6	6.4	103.
9.5	35.0	3144.1	669.0	-23.2	-32.5	281.6	16.8	16.1	-3.4	280.4	281.5	0.4	42.1	6.7	103.
9.9	36.0	3265.3	658.0	-24.0	-32.3	281.8	17.1	16.1	-3.5	280.8	282.0	0.4	46.0	7.1	103.
10.3	37.0	3365.6	649.0	-25.4	-32.7	282.5	17.9	17.1	-3.9	280.4	281.6	0.4	53.3	7.5	103.
10.6	38.0	3466.8	640.0	-25.9	-33.4	283.4	18.6	18.1	-4.3	280.9	282.0	0.4	48.9	7.8	103.
10.9	39.0	3569.2	631.0	-26.8	-31.5	284.9	19.5	18.1	-5.0	281.0	282.3	0.4	64.1	8.2	103.
11.3	40.0	3672.9	622.0	-27.1	-30.5	287.9	20.2	19.1	-5.2	281.9	283.3	0.5	72.4	8.7	103.
11.6	41.0	3801.4	611.0	-27.6	-29.5	290.6	20.7	19.1	-7.3	282.7	284.3	0.5	82.7	9.1	103.
12.0	42.0	3908.1	602.0	-27.9	-28.7	294.8	21.0	19.1	-8.8	283.6	285.4	0.6	92.5	9.6	104.
12.3	43.0	4004.2	594.0	-28.1	-29.3	297.8	21.4	18.9	-10.0	284.4	286.1	0.6	90.0	9.9	104.
12.7	44.0	4113.6	585.0	-28.8	-30.2	300.9	22.0	18.9	-11.3	284.9	286.5	0.5	87.3	10.4	105.
13.0	45.0	4224.7	576.0	-28.4	-30.0	302.6	22.5	19.0	-12.1	286.6	288.3	0.5	86.3	10.8	106.
13.3	46.0	4325.0	568.0	-28.4	-30.1	302.4	23.0	19.4	-12.3	287.8	289.4	0.5	85.3	11.2	106.
13.6	47.0	4426.6	560.0	-28.9	-30.7	301.8	23.4	19.9	-12.3	288.3	289.9	0.5	84.4	11.6	107.
14.0	48.0	4529.5	552.0	-29.5	-31.1	299.8	23.9	20.7	-11.9	288.9	290.4	0.5	85.9	12.1	108.
14.3	49.0	4646.9	543.0	-29.5	-31.2	298.5	24.2	21.3	-11.6	290.2	291.8	0.5	84.5	12.6	108.
14.7	50.0	4752.8	535.0	-29.7	-31.5	297.0	24.8	22.1	-11.3	291.1	292.7	0.5	83.3	13.2	108.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

7 FEBRUARY 1975  
515 GMT

158 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.1	51.0	4887.1	525.0	-30.8	-32.3	295.8	25.5	23.0	-11.1	291.4	292.8	0.5	82.5	13.7	109.
15.5	52.0	4995.9	517.0	-31.6	-33.5	294.7	26.5	24.1	-11.1	291.7	293.1	0.4	83.3	14.3	109.
15.8	53.0	5106.1	509.0	-32.5	-34.2	294.4	27.1	24.7	-11.2	291.9	293.2	0.4	85.0	14.9	109.
16.2	54.0	5217.6	501.0	-33.3	-34.7	294.8	27.6	25.1	-11.6	292.3	293.5	0.4	86.7	15.5	109.
16.5	55.0	5330.5	493.0	-34.2	-36.2	295.7	27.8	25.0	-12.1	292.5	293.6	0.3	82.0	16.0	110.
17.1	56.0	5459.3	484.0	-34.8	-37.0	299.2	28.5	24.9	-13.9	293.3	294.4	0.3	79.7	17.0	110.
17.5	57.0	5575.5	476.0	-35.4	-37.3	301.1	29.4	25.2	-15.2	293.9	294.9	0.3	77.7	17.6	110.
17.9	58.0	5678.5	469.0	-36.3	-39.0	302.1	30.4	25.7	-16.2	294.2	295.0	0.3	75.7	18.4	111.
18.2	59.0	5782.7	462.0	-36.9	-40.4	302.9	30.8	25.8	-16.7	294.6	295.4	0.2	69.7	18.9	111.
18.5	60.0	5903.4	454.0	-37.6	-41.1	303.6	31.0	25.8	-17.2	295.2	295.9	0.2	69.2	19.5	112.
18.9	61.0	6010.6	447.0	-38.0	-41.6	305.3	31.0	25.3	-17.9	296.0	296.7	0.2	68.7	20.3	112.
19.3	62.0	6119.2	440.0	-38.4	-42.4	307.2	31.7	25.2	-19.1	296.8	297.5	0.2	65.3	20.9	112.
19.6	63.0	6229.3	433.0	-39.2	-43.2	308.5	32.6	25.5	-20.3	297.1	297.8	0.2	65.8	21.4	113.
20.0	64.0	6340.7	426.0	-40.2	-43.9	309.8	34.5	26.5	-22.1	297.4	999.9	99.9	999.9	22.3	113.
20.4	65.0	6453.5	419.0	-41.3	-44.3	310.3	36.3	27.7	-23.5	297.4	999.9	99.9	999.9	23.0	114.
20.8	66.0	6600.6	410.0	-42.4	-45.3	310.5	37.4	28.4	-24.3	297.8	999.9	99.9	999.9	23.9	115.
21.3	67.0	6716.8	403.0	-43.1	-46.3	310.8	37.7	28.6	-24.7	298.3	999.9	99.9	999.9	25.1	115.
21.6	68.0	6817.6	397.0	-44.2	-47.3	311.4	37.9	28.4	-25.0	298.1	999.9	99.9	999.9	25.7	116.
22.0	69.0	6936.7	390.0	-45.0	-48.3	312.5	38.4	28.3	-25.9	298.7	999.9	99.9	999.9	26.5	116.
22.4	70.0	7057.5	383.0	-46.0	-49.3	313.9	39.7	28.7	-27.5	298.9	999.9	99.9	999.9	27.5	117.
22.8	71.0	7197.6	375.0	-47.3	-50.3	314.8	41.1	29.1	-28.9	299.0	999.9	99.9	999.9	28.4	117.
23.2	72.0	7304.1	369.0	-48.0	-51.3	315.5	41.9	29.4	-29.9	299.4	999.9	99.9	999.9	29.3	118.
23.6	73.0	7430.3	362.0	-48.5	-52.3	316.1	42.1	29.2	-30.3	300.5	999.9	99.9	999.9	30.3	119.
24.0	74.0	7540.1	356.0	-49.1	-53.3	317.0	41.9	28.6	-30.6	301.1	999.9	99.9	999.9	31.4	119.
24.4	75.0	7651.5	350.0	-50.0	-54.3	318.0	43.2	28.9	-32.1	301.4	999.9	99.9	999.9	32.1	120.
24.7	76.0	7764.4	344.0	-50.4	-55.3	318.5	44.4	29.4	-33.2	302.2	999.9	99.9	999.9	32.9	120.
25.2	77.0	7878.9	338.0	-51.5	-56.3	319.0	45.9	30.1	-34.7	302.3	999.9	99.9	999.9	34.3	121.
25.6	78.0	7995.0	332.0	-52.1	-57.3	319.3	46.2	30.1	-35.0	303.0	999.9	99.9	999.9	35.4	122.
26.1	79.0	8112.9	326.0	-52.9	-58.3	319.3	46.3	30.2	-35.1	303.5	999.9	99.9	999.9	36.6	122.
26.5	80.0	8232.5	320.0	-53.5	-59.3	319.0	46.7	30.6	-35.2	304.2	999.9	99.9	999.9	37.6	123.
27.0	81.0	8374.4	313.0	-54.7	-60.3	318.7	46.3	30.6	-35.8	304.6	999.9	99.9	999.9	39.3	123.
27.5	82.0	8498.2	307.0	-55.2	-61.3	317.6	47.3	31.9	-35.0	305.6	999.9	99.9	999.9	40.2	124.
27.9	83.0	8602.9	302.0	-55.5	-62.3	316.4	49.1	33.9	-35.6	306.6	999.9	99.9	999.9	41.4	124.
28.3	84.0	8730.7	296.0	-56.2	-63.3	315.9	50.1	34.9	-35.0	307.4	999.9	99.9	999.9	42.9	124.
28.6	85.0	8860.7	290.0	-56.7	-64.3	315.9	50.6	35.2	-36.4	308.5	999.9	99.9	999.9	43.8	125.
29.2	86.0	8993.2	284.0	-56.8	-65.3	316.8	51.1	34.9	-37.2	310.1	999.9	99.9	999.9	45.2	125.
29.5	87.0	9128.3	278.0	-57.7	-66.3	317.5	50.6	34.2	-37.3	310.8	999.9	99.9	999.9	46.6	125.
30.0	88.0	9242.6	273.0	-58.5	-67.3	318.8	46.2	30.4	-34.8	311.1	999.9	99.9	999.9	48.0	126.
30.4	89.0	9358.6	268.0	-59.2	-68.3	318.5	44.5*	29.5	-33.3	311.7	999.9	99.9	999.9	48.6	126.
30.9	90.0	9476.6	263.0	-59.2	-69.3	316.0	46.0*	32.0	-33.1	313.4	999.9	99.9	999.9	50.1	126.
31.3	91.0	9597.0	258.0	-58.5	-68.3	313.8	47.1*	34.0	-32.5	316.2	999.9	99.9	999.9	51.2	127.
31.8	92.0	9745.1	252.0	-58.0	-67.3	311.7	45.0*	33.6	-29.9	319.1	999.9	99.9	999.9	52.8	127.
32.2	93.0	9846.2	248.0	-57.0	-66.3	310.4	41.3*	31.5	-26.7	322.1	999.9	99.9	999.9	53.8	127.
32.6	94.0	9975.2	243.0	-56.8	-65.3	309.3	37.7*	29.2	-23.9	324.2	999.9	99.9	999.9	54.6	127.
33.1	95.0	10107.4	238.0	-55.2	-64.3	308.7	35.7*	27.9	-22.3	328.7	999.9	99.9	999.9	55.8	127.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

7 FEBRUARY 1975  
515 GMT

158 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
33.7	96.0	10271.3	232.0	-52.1	99.9	308.8	34.6*	27.0	-21.7	334.3	999.9	99.9	999.9	56.9	127.
34.1	97.0	10411.9	227.0	-52.4	99.9	308.6	32.8*	25.7	-20.5	337.3	999.9	99.9	999.9	58.0	127.
34.6	98.0	10526.8	223.0	-52.6	99.9	307.4	29.7*	23.6	-19.0	338.8	999.9	99.9	999.9	58.7	127.
35.0	99.0	10673.5	218.0	-52.0	99.9	305.8	28.0*	22.7	-16.4	342.0	999.9	99.9	999.9	59.5	127.
35.5	100.0	10793.5	214.0	-52.0	99.9	303.5	29.6*	24.7	-15.4	343.8	999.9	99.9	999.9	60.2	127.
36.1	101.0	10977.7	208.0	-52.0	99.9	301.6	33.5*	28.5	-17.5	346.6	999.9	99.9	999.9	61.3	127.
36.6	102.0	11103.7	204.0	-51.5	99.9	300.5	34.4*	29.6	-17.4	349.2	999.9	99.9	999.9	62.5	127.
37.1	103.0	11264.8	199.0	-51.5	99.9	299.2	33.8*	29.5	-17.5	351.7	999.9	99.9	999.9	63.4	127.
37.5	104.0	11396.6	195.0	-51.7	99.9	298.4	34.0*	29.9	-16.2	353.5	999.9	99.9	999.9	64.1	127.
38.1	105.0	11497.4	192.0	-50.7	99.9	299.7	33.6*	29.2	-16.7	356.6	999.9	99.9	999.9	65.5	126.
38.5	106.0	11669.5	187.0	-50.1	99.9	301.9	32.2*	27.3	-17.0	360.3	999.9	99.9	999.9	66.4	126.
39.0	107.0	11810.7	183.0	-50.4	99.9	304.6	32.2*	26.5	-13.3	362.0	999.9	99.9	999.9	67.1	126.
39.5	108.0	11954.6	179.0	-51.0	99.9	304.8	34.2*	28.1	-17.5	363.3	999.9	99.9	999.9	68.0	126.
40.0	109.0	12101.4	175.0	-52.0	99.9	303.0	33.6*	28.2	-13.3	364.1	999.9	99.9	999.9	69.5	126.
40.5	110.0	12213.2	172.0	-52.8	99.9	301.4	30.4*	26.0	-15.8	364.6	999.9	99.9	999.9	70.2	126.
41.1	111.0	12403.4	167.0	-53.2	99.9	302.7	28.0*	23.6	-15.1	366.9	999.9	99.9	999.9	71.2	126.
41.6	112.0	12559.7	163.0	-53.1	99.9	304.7	27.4*	22.5	-15.6	369.8	999.9	99.9	999.9	72.1	126.
42.1	113.0	12679.4	160.0	-53.1	99.9	305.3	27.2*	22.2	-15.7	371.7	999.9	99.9	999.9	72.8	126.
42.6	114.0	12842.7	156.0	-52.9	99.9	303.7	26.3*	21.9	-14.6	374.7	999.9	99.9	999.9	73.7	126.
43.1	115.0	12968.1	153.0	-52.3	99.9	300.0	23.2*	20.1	-11.6	377.9	999.9	99.9	999.9	74.5	126.
43.7	116.0	13183.2	148.0	-52.0	99.9	294.6	19.5*	17.7	-3.1	382.0	999.9	99.9	999.9	75.2	126.
44.3	117.0	13315.9	145.0	-52.1	99.9	293.3	19.7*	18.1	-7.8	384.0	999.9	99.9	999.9	75.7	126.
44.7	118.0	13451.0	142.0	-52.8	99.9	293.9	20.2*	18.4	-8.2	385.2	999.9	99.9	999.9	76.4	126.
45.3	119.0	13635.7	138.0	-52.3	99.9	294.8	20.4*	18.5	-3.6	389.2	999.9	99.9	999.9	77.0	126.
45.7	120.0	13777.9	135.0	-52.3	99.9	294.6	21.9*	19.9	-7.1	391.6	999.9	99.9	999.9	77.4	126.
46.3	121.0	13923.0	132.0	-52.9	99.9	292.6	24.7*	22.8	-7.5	393.0	999.9	99.9	999.9	78.3	125.
46.7	122.0	14071.1	129.0	-53.7	99.9	290.6	24.5*	23.0	-7.6	394.2	999.9	99.9	999.9	79.0	125.
47.4	123.0	14222.1	126.0	-54.5	99.9	289.4	23.4*	22.0	-7.8	395.4	999.9	99.9	999.9	80.0	125.
47.8	124.0	14376.2	123.0	-55.0	99.9	292.3	26.1*	24.1	-7.9	397.2	999.9	99.9	999.9	80.2	125.
48.4	125.0	14533.9	120.0	-55.2	99.9	295.1	29.2*	26.5	-12.4	399.8	999.9	99.9	999.9	81.5	125.
49.0	126.0	14750.0	116.0	-56.0	99.9	293.4	24.1*	22.1	-7.6	402.1	999.9	99.9	999.9	82.8	125.
49.6	127.0	14916.2	113.0	-57.2	99.9	290.8	21.3*	19.9	-7.6	403.0	999.9	99.9	999.9	83.0	125.
50.1	128.0	15086.2	110.0	-57.8	99.9	290.7	24.2*	22.6	-8.5	404.8	999.9	99.9	999.9	83.8	125.
50.6	129.0	15201.8	108.0	-58.0	99.9	290.6	26.9*	25.2	-9.5	406.6	999.9	99.9	999.9	84.5	124.
51.1	130.0	15379.4	105.0	-58.0	99.9	291.5	27.3*	25.4	-10.0	409.9	999.9	99.9	999.9	85.4	124.
51.8	131.0	15562.2	102.0	-57.7	99.9	296.5	26.5*	23.7	-11.8	414.0	999.9	99.9	999.9	86.5	124.
52.4	132.0	15750.6	99.0	-57.7	99.9	301.4	26.5*	22.6	-13.8	417.5	999.9	99.9	999.9	87.4	124.
52.9	133.0	15879.6	97.0	-57.2	99.9	303.5	27.0*	22.5	-14.9	420.9	999.9	99.9	999.9	88.2	124.
53.5	134.0	16078.2	94.0	-57.3	99.9	304.4	27.7*	22.9	-15.7	424.4	999.9	99.9	999.9	89.3	124.
54.0	135.0	16214.1	92.0	-57.7	99.9	305.8	27.5*	22.3	-16.1	426.4	999.9	99.9	999.9	90.0	124.
54.6	136.0	16423.1	89.0	-58.2	99.9	308.3	23.3*	18.3	-14.4	429.4	999.9	99.9	999.9	91.1	124.
55.3	137.0	16638.7	86.0	-58.7	99.9	307.6	19.3*	15.3	-11.8	432.6	999.9	99.9	999.9	91.8	124.
56.0	138.0	16861.6	83.0	-58.9	99.9	304.2	24.0*	19.8	-13.5	436.6	999.9	99.9	999.9	92.6	124.
56.7	139.0	17092.8	80.0	-58.7	99.9	300.5	26.7*	23.0	-13.5	441.6	999.9	99.9	999.9	93.8	124.
57.5	140.0	17333.1	77.0	-58.4	99.9	293.4	24.3*	22.3	-9.6	447.2	999.9	99.9	999.9	95.1	124.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

7 FEBRUARY 1975  
515 GMT

158 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
58.3	141.0	17499.0	75.0	-57.5	99.9	292.3	24.9*	23.1	-9.5	452.4	999.9	99.9	999.9	96.1	124.
59.1	142.0	17756.6	72.0	-57.8	99.9	291.0	22.2*	20.7	-7.9	457.0	999.9	99.9	999.9	97.4	124.
59.8	143.0	18025.0	69.0	-57.8	99.9	289.5	15.6*	15.3	-2.8	462.5	999.9	99.9	999.9	98.2	124.
60.5	144.0	18210.1	67.0	-58.9	99.9	287.8	20.6*	19.6	-6.3	464.2	999.9	99.9	999.9	97.9	124.
61.2	145.0	18496.9	64.0	-60.0	99.9	292.7	21.9*	20.2	-3.4	468.0	999.9	99.9	999.9	99.9	123.
61.9	146.0	18694.5	62.0	-61.2	99.9	287.0	16.5*	15.7	-4.8	469.5	999.9	99.9	999.9	100.5	123.
62.7	147.0	19002.6	59.0	-61.0	99.9	286.6	15.7*	15.0	-4.5	476.6	999.9	99.9	999.9	101.0	123.
63.6	148.0	19216.3	57.0	-62.1	99.9	284.2	12.0*	11.6	-2.9	478.8	999.9	99.9	999.9	102.0	123.
64.5	149.0	19437.2	55.0	-61.8	99.9	295.1	20.5*	18.5	-8.7	484.5	999.9	99.9	999.9	102.4	123.
65.5	150.0	19786.2	52.0	-59.8	99.9	302.5	27.7	23.3	-14.9	497.0	999.9	99.9	999.9	104.2	123.
66.4	151.0	20031.0	50.0	-60.3	99.9	302.9	32.4	27.2	-17.6	501.4	999.9	99.9	999.9	105.5	123.
67.1	152.0	20416.4	47.0	-60.7	99.9	302.9	30.1	25.3	-15.4	509.5	999.9	99.9	999.9	107.3	123.
68.1	153.0	20687.1	45.0	-60.7	99.9	304.3	14.4	11.9	-8.1	515.8	999.9	99.9	999.9	108.6	123.
69.1	154.0	20970.6	43.0	-59.8	99.9	311.0	16.9	12.8	-11.1	524.8	999.9	99.9	999.9	109.2	123.
70.3	155.0	21421.1	40.0	-61.2	99.9	310.3	20.1	15.3	-13.0	532.1	999.9	99.9	999.9	110.4	123.
71.4	156.0	21738.6	38.0	-62.5	99.9	304.2	18.7	15.4	-10.5	536.7	999.9	99.9	999.9	112.0	123.
72.7	157.0	22071.5	36.0	-63.3	99.9	304.8	17.7	14.5	-10.1	543.1	999.9	99.9	999.9	112.8	123.
74.1	158.0	22605.9	33.0	-63.7	99.9	312.8	18.7	13.7	-12.7	555.7	999.9	99.9	999.9	115.3	123.
75.5	159.0	22988.9	31.0	-64.4	99.9	321.2	4.1	2.5	-3.2	563.7	999.9	99.9	999.9	115.2	123.
77.2	160.0	23395.4	29.0	-65.6	99.9	316.5	16.6	11.4	-12.0	571.2	999.9	99.9	999.9	116.2	123.
78.9	161.0	24058.2	26.0	-66.3	99.9	317.7	14.9	10.0	-11.0	587.6	999.9	99.9	999.9	118.4	124.
80.9	162.0	24548.5	24.0	-61.8	99.9	303.7	7.0	5.8	-3.9	614.2	999.9	99.9	999.9	120.6	124.
82.8	163.0	25087.0	22.0	-62.0	99.9	999.9	99.9	99.9	99.9	629.2	999.9	99.9	999.9	999.9	999.

STATION NO. 655  
ST CLOUD, MINN

7 FEBRUARY 1975  
1115 GMT

164 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	316.0	972.9	-20.4	-23.7	180.0	3.1	0.0	3.1	254.8	256.3	0.6	75.0	0.0	0.
0.2	7.0	330.5	971.0	-20.0	-22.3	230.5	11.1	8.6	7.1	255.4	257.0	0.6	78.1	0.1	33.
0.5	8.0	415.2	960.0	-18.8	-19.3	230.5	11.1	8.6	7.1	257.5	259.6	0.8	91.1	0.1	33.
0.9	9.0	501.6	949.0	-15.9	-17.2	230.1	9.6	7.4	6.2	261.3	264.0	1.0	89.5	0.4	45.
1.2	10.0	597.7	937.0	-15.2	-16.7	232.5	8.8	7.0	5.4	262.9	265.8	1.1	88.1	0.5	47.
1.7	11.0	703.2	924.0	-15.6	-17.3	242.7	9.1	8.1	4.2	263.6	266.3	1.1	87.2	0.8	49.
2.0	12.0	793.7	913.0	-15.5	-17.0	249.6	10.5	9.9	3.7	264.6	267.5	1.1	87.7	0.9	52.
2.3	13.0	885.2	902.0	-15.5	-17.1	255.8	11.9	11.5	2.9	265.5	268.4	1.1	87.3	1.1	56.
2.7	14.0	977.9	891.0	-15.6	-17.2	260.0	13.4	13.2	2.3	266.3	269.2	1.1	87.5	1.4	61.
3.0	15.0	1071.6	880.0	-15.6	-19.1	261.3	14.1	13.9	2.1	267.2	269.8	1.0	74.2	1.7	64.
3.4	16.0	1184.0	867.0	-15.5	-20.4	261.5	14.5	14.4	2.2	268.5	270.8	0.9	64.8	2.0	67.
3.8	17.0	1271.5	857.0	-16.2	-20.4	260.1	15.9	15.7	2.7	268.7	271.1	0.9	69.9	2.3	69.
4.1	18.0	1368.8	846.0	-15.6	-26.5	259.0	17.0	16.7	3.2	270.2	271.7	0.5	38.6	2.6	70.
4.4	19.0	1458.6	836.0	-15.5	-31.9	258.2	18.0	17.6	3.7	271.2	272.2	0.3	22.9	3.0	71.
4.7	20.0	1549.4	826.0	-15.6	-32.2	259.5	18.5	18.2	3.4	272.0	272.9	0.3	22.5	3.3	72.
5.1	21.0	1669.1	813.0	-15.8	-32.5	263.0	18.7	18.6	2.3	273.1	274.0	0.3	22.1	3.7	73.
5.4	22.0	1762.3	803.0	-16.0	-32.3	267.5	18.2	18.2	0.8	273.8	274.7	0.3	23.0	4.1	74.
5.7	23.0	1856.7	793.0	-16.3	-32.5	272.1	18.0	18.0	-1.7	274.5	275.4	0.3	23.0	4.4	75.
6.1	24.0	1942.5	784.0	-17.0	-31.8	277.5	17.9	17.8	-2.3	274.7	275.6	0.3	26.2	4.8	77.
6.4	25.0	2038.7	774.0	-17.4	-22.9	279.2	18.2	17.0	-2.9	275.3	277.5	0.8	62.2	5.1	78.
6.8	26.0	2155.7	762.0	-17.8	-20.8	281.9	19.2	18.7	-3.9	276.1	278.8	1.0	77.6	5.5	80.
7.1	27.0	2254.5	752.0	-18.5	-19.9	283.4	19.9	19.3	-4.6	276.4	279.3	1.0	88.7	5.8	81.
7.4	28.0	2344.2	743.0	-19.2	-20.1	284.0	20.2	19.6	-4.9	276.6	279.5	1.0	92.6	6.2	83.
7.7	29.0	2445.0	733.0	-19.8	-20.4	284.4	20.5	19.9	-5.1	277.0	279.8	1.0	95.1	6.5	84.
8.1	30.0	2536.5	724.0	-20.6	-21.0	285.0	20.9	20.2	-5.4	277.0	279.8	1.0	96.6	6.9	85.
8.4	31.0	2639.4	714.0	-21.2	-21.4	285.5	21.1	20.4	-5.6	277.6	280.3	1.0	98.0	7.3	86.
8.8	32.0	2732.9	705.0	-22.0	-22.1	286.8	21.6	20.7	-6.3	277.7	280.3	0.9	99.0	7.8	88.
9.1	33.0	2827.3	696.0	-23.0	-23.1	288.2	22.2	21.1	-6.9	277.5	279.9	0.9	99.7	8.2	88.
9.5	34.0	2922.7	687.0	-22.8	-22.8	290.6	23.3	21.1	-8.2	278.8	281.3	0.9	99.7	8.7	89.
9.8	35.0	3019.4	678.0	-22.9	-23.0	292.6	24.3	22.4	-9.3	279.7	282.3	0.9	99.4	9.1	91.
10.2	36.0	3139.5	667.0	-22.4	-22.5	295.2	25.3	22.1	-10.8	281.7	284.3	0.9	99.2	9.6	92.
10.6	37.0	3239.3	658.0	-22.8	-22.9	297.9	26.1	23.1	-12.2	282.3	284.9	0.9	99.2	10.2	93.
11.0	38.0	3329.0	650.0	-23.0	-23.5	300.5	26.4	22.1	-13.4	283.0	285.5	0.9	96.4	10.8	95.
11.4	39.0	3431.1	641.0	-23.6	-24.8	302.1	26.6	22.1	-14.1	283.5	285.8	0.8	89.3	11.4	96.
11.8	40.0	3522.7	633.0	-24.6	-25.7	302.6	26.5	22.1	-14.3	283.3	285.5	0.7	90.5	11.9	98.
12.1	41.0	3650.3	622.0	-25.0	-26.0	302.7	26.4	22.1	-14.3	284.3	286.4	0.7	91.7	12.4	99.
12.5	42.0	3744.3	614.0	-25.8	-26.5	302.5	26.5	22.1	-14.2	284.4	286.5	0.7	93.8	13.0	100.
12.9	43.0	3839.1	606.0	-26.9	-27.3	302.1	27.9	23.1	-14.8	284.3	286.2	0.7	96.4	13.5	101.
13.2	44.0	3946.9	597.0	-27.7	-27.9	301.6	29.5	25.1	-15.5	284.6	286.5	0.6	97.9	13.9	102.
13.5	45.0	4031.9	590.0	-27.0	-27.5	301.1	31.4	26.1	-15.2	286.3	288.3	0.7	95.9	14.5	102.
13.9	46.0	4130.2	582.0	-27.7	-28.3	299.9	33.2	28.1	-16.6	286.6	288.5	0.6	93.9	15.3	103.
14.2	47.0	4229.7	574.0	-27.8	-28.3	298.8	34.3	30.1	-16.5	287.6	289.5	0.6	95.0	15.9	104.
14.5	48.0	4330.7	566.0	-27.7	-28.3	297.6	35.2	31.1	-16.3	288.9	290.9	0.7	94.6	16.5	105.
14.9	49.0	4433.0	558.0	-28.2	-29.6	295.9	36.8	33.1	-16.1	289.5	291.2	0.6	87.5	17.2	105.
15.2	50.0	4536.5	550.0	-28.7	-30.1	295.1	38.0	34.1	-16.1	290.0	291.8	0.6	87.9	17.9	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

7 FEBRUARY 1975  
1115 GMT

164 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COM M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.6	51.0	4654.4	541.0	-29.6	-30.9	294.4	39.4	35.1	-16.3	290.3	291.9	0.5	88.5	18.9	106.
16.0	52.0	4747.2	534.0	-30.6	-31.7	294.5	40.2	36.1	-16.7	290.3	291.8	0.5	89.5	19.8	106.
16.3	53.0	4854.3	526.0	-31.5	-32.3	294.3	40.7	37.3	-16.8	290.4	291.9	0.5	90.1	20.6	107.
16.6	54.0	4949.0	519.0	-32.3	-33.2	294.0	41.2	37.7	-15.8	290.6	292.0	0.4	91.6	21.3	107.
16.9	55.0	5044.6	512.0	-33.2	-34.0	293.1	42.0	38.1	-15.5	290.6	291.9	0.4	92.7	22.0	107.
17.3	56.0	5169.1	503.0	-34.0	-34.7	291.8	42.8	39.1	-15.9	291.1	292.4	0.4	93.2	23.0	107.
17.7	57.0	5267.2	496.0	-34.5	-35.1	290.9	43.0	40.1	-15.4	291.6	292.8	0.4	93.8	24.1	108.
18.1	58.0	5366.4	489.0	-35.3	-36.0	291.1	42.8	40.1	-15.4	291.8	293.0	0.4	93.7	25.1	108.
18.5	59.0	5466.7	482.0	-36.0	-36.7	292.6	42.9	39.1	-15.5	292.2	293.3	0.3	92.7	26.2	108.
18.9	60.0	5568.3	475.0	-36.6	-37.9	295.4	45.0	40.1	-15.3	292.6	293.6	0.3	87.6	27.1	108.
19.3	61.0	5671.1	468.0	-36.5	-38.0	297.8	48.3*	42.7	-22.5	294.0	295.0	0.3	85.8	28.2	108.
19.6	62.0	5760.7	462.0	-36.1	-38.2	299.1	50.9*	44.5	-24.8	295.6	296.6	0.3	80.7	29.1	109.
19.9	63.0	5866.7	455.0	-36.1	-39.2	300.0	53.1*	46.1	-26.5	296.9	297.8	0.3	72.4	30.0	109.
20.3	64.0	5974.3	448.0	-36.2	-39.7	300.7	54.8*	47.1	-27.9	298.1	298.9	0.3	70.1	31.5	109.
20.6	65.0	6067.8	442.0	-36.8	-40.5	301.0	55.6*	47.7	-28.6	298.5	299.3	0.2	67.6	32.5	110.
21.1	66.0	6194.1	434.0	-37.6	-41.5	300.9	56.8*	48.7	-29.1	299.1	299.8	0.2	66.1	33.8	110.
21.4	67.0	6306.1	427.0	-38.4	-42.1	300.4	57.9*	49.1	-29.3	299.4	300.2	0.2	67.1	35.2	111.
21.9	68.0	6403.3	421.0	-38.9	-42.8	299.2	60.4*	52.1	-29.5	300.0	300.7	0.2	66.5	36.5	111.
22.2	69.0	6501.6	415.0	-39.9	-43.8	298.8	61.3*	53.1	-29.5	300.0	300.6	0.2	65.7	37.7	111.
22.6	70.0	6617.7	408.0	-40.7	99.9	293.6	61.5*	54.1	-29.4	300.4	999.9	99.9	999.9	39.5	112.
23.2	71.0	6735.3	401.0	-41.6	99.9	298.6	59.3*	52.1	-28.4	300.7	999.9	99.9	999.9	41.5	112.
23.6	72.0	6837.4	395.0	-42.2	99.9	298.3	57.6*	50.1	-27.3	301.3	999.9	99.9	999.9	42.9	112.
23.9	73.0	6940.8	389.0	-42.9	99.9	297.7	56.8*	50.1	-25.4	301.7	999.9	99.9	999.9	44.1	112.
24.3	74.0	7045.5	383.0	-43.7	99.9	296.6	57.2*	51.1	-25.6	301.9	999.9	99.9	999.9	45.2	113.
24.8	75.0	7133.9	378.0	-43.0	99.9	295.0	59.5*	53.1	-25.1	304.0	999.9	99.9	999.9	46.9	113.
25.2	76.0	7259.4	371.0	-45.1	99.9	293.9	61.1*	55.1	-24.8	302.8	999.9	99.9	999.9	48.4	113.
25.6	77.0	7349.8	366.0	-45.9	99.9	293.3	61.9*	56.1	-24.5	302.9	999.9	99.9	999.9	50.0	113.
25.9	78.0	7459.6	360.0	-46.8	99.9	293.4	62.0*	56.1	-24.6	303.2	999.9	99.9	999.9	51.1	113.
26.3	79.0	7570.8	354.0	-47.7	99.9	294.2	63.3*	57.1	-26.0	303.5	999.9	99.9	999.9	52.4	113.
26.7	80.0	7683.6	348.0	-48.1	99.9	295.5	64.3*	58.1	-27.7	304.4	999.9	99.9	999.9	54.0	113.
27.1	81.0	7798.0	342.0	-49.1	99.9	297.0	64.1*	57.1	-29.1	304.5	999.9	99.9	999.9	55.8	113.
27.5	82.0	7914.0	336.0	-49.9	99.9	298.5	62.1*	54.1	-29.7	305.0	999.9	99.9	999.9	57.2	113.
27.9	83.0	8011.8	331.0	-50.8	99.9	299.6	60.0*	52.1	-29.6	305.1	999.9	99.9	999.9	58.6	113.
28.2	84.0	8110.8	326.0	-51.5	99.9	300.4	58.3*	50.1	-29.5	305.4	999.9	99.9	999.9	59.7	113.
28.7	85.0	8231.2	320.0	-52.3	99.9	302.1	55.3*	46.1	-29.3	306.0	999.9	99.9	999.9	61.5	113.
29.1	86.0	8353.4	314.0	-53.1	99.9	303.6	53.6*	44.1	-29.6	306.5	999.9	99.9	999.9	62.8	114.
29.5	87.0	8456.7	309.0	-54.0	99.9	304.5	54.5*	44.1	-31.9	306.6	999.9	99.9	999.9	63.6	114.
29.9	88.0	8561.3	304.0	-54.5	99.9	304.5	59.0*	48.1	-33.4	307.4	999.9	99.9	999.9	65.1	114.
30.3	89.0	8667.3	299.0	-55.3	99.9	304.7	63.3*	52.0	-35.1	307.7	999.9	99.9	999.9	66.6	114.
30.7	90.0	8774.7	294.0	-56.1	99.9	305.2	66.1*	54.0	-38.1	308.1	999.9	99.9	999.9	68.2	115.
31.1	91.0	8883.6	289.0	-56.7	99.9	305.9	66.4*	53.1	-38.9	308.7	999.9	99.9	999.9	69.8	115.
31.5	92.0	8994.1	284.0	-57.6	99.9	306.7	63.2*	50.1	-37.8	309.0	999.9	99.9	999.9	71.4	115.
31.9	93.0	9106.1	279.0	-58.2	99.9	307.9	56.1*	44.1	-34.5	309.6	999.9	99.9	999.9	73.1	115.
32.3	94.0	9197.0	275.0	-58.2	99.9	308.9	50.8*	39.1	-31.9	310.9	999.9	99.9	999.9	74.1	116.
32.7	95.0	9312.5	270.0	-58.2	99.9	308.9	49.2*	38.1	-30.9	312.6	999.9	99.9	999.9	75.0	116.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 655  
ST CLOUD, MINN

7 FEBRUARY 1975  
1115 GMT

164 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COM M/SEC	V COM M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
33.2	96.0	9453.8	264.0	-58.6	99.9	307.2	52.0*	41.1	-31.4	314.1	999.9	99.9	999.9	76.5	116.
33.6	97.0	9549.9	260.0	-58.1	99.9	305.0	54.6*	44.1	-31.3	316.2	999.9	99.9	999.9	78.0	116.
34.0	98.0	9672.8	255.0	-56.2	99.9	302.5	55.2*	46.1	-29.6	320.6	999.9	99.9	999.9	78.9	116.
34.4	99.0	9773.4	251.0	-55.3	99.9	300.6	52.5*	45.1	-26.7	323.5	999.9	99.9	999.9	80.7	116.
34.8	100.0	9902.0	246.0	-54.6	99.9	299.2	50.1*	43.1	-24.4	326.4	999.9	99.9	999.9	81.8	116.
35.3	101.0	10033.4	241.0	-54.9	99.9	297.8	49.9*	44.1	-23.3	327.8	999.9	99.9	999.9	82.9	117.
35.8	102.0	10140.5	237.0	-54.3	99.9	296.9	50.5*	45.1	-22.9	330.3	999.9	99.9	999.9	84.7	117.
36.2	103.0	10277.3	232.0	-53.8	99.9	296.5	48.2*	43.1	-21.5	333.1	999.9	99.9	999.9	86.1	117.
36.6	104.0	10389.0	228.0	-54.0	99.9	296.1	43.4*	39.1	-17.1	334.5	999.9	99.9	999.9	87.1	117.
37.0	105.0	10502.6	224.0	-54.0	99.9	295.3	38.5*	34.1	-16.5	336.2	999.9	99.9	999.9	88.0	117.
37.4	106.0	10618.2	220.0	-54.3	99.9	294.1	36.4*	33.1	-14.9	337.4	999.9	99.9	999.9	88.9	117.
37.9	107.0	10735.6	216.0	-55.1	99.9	293.8	35.9*	32.1	-14.5	338.0	999.9	99.9	999.9	89.9	116.
38.4	108.0	10854.9	212.0	-55.4	99.9	294.9	36.2*	32.1	-15.2	339.3	999.9	99.9	999.9	90.9	116.
38.8	109.0	11007.2	207.0	-55.1	99.9	295.7	35.2*	31.1	-15.3	342.1	999.9	99.9	999.9	92.0	116.
39.2	110.0	11100.9	204.0	-53.2	99.9	296.2	34.0*	30.1	-15.0	346.5	999.9	99.9	999.9	92.8	116.
39.9	111.0	11228.6	200.0	-52.7	99.9	296.4	35.2*	31.1	-15.6	349.3	999.9	99.9	999.9	94.0	116.
40.3	112.0	11359.0	196.0	-52.6	99.9	296.4	37.7*	33.1	-16.8	351.5	999.9	99.9	999.9	94.9	116.
40.8	113.0	11492.4	192.0	-52.0	99.9	296.2	39.2*	35.1	-17.3	354.6	999.9	99.9	999.9	96.2	116.
41.1	114.0	11628.8	188.0	-52.0	99.9	295.9	39.1*	35.1	-17.0	356.7	999.9	99.9	999.9	97.0	116.
41.6	115.0	11732.9	185.0	-52.4	99.9	294.3	38.2*	34.1	-15.7	357.6	999.9	99.9	999.9	98.0	116.
42.2	116.0	11910.1	180.0	-52.4	99.9	291.8	39.4*	36.1	-14.6	360.4	999.9	99.9	999.9	99.4	116.
42.6	117.0	12018.7	177.0	-52.6	99.9	291.3	40.2*	37.1	-14.6	361.9	999.9	99.9	999.9	100.3	116.
43.0	118.0	12166.3	173.0	-52.9	99.9	292.3	39.7*	36.1	-15.1	363.8	999.9	99.9	999.9	101.4	116.
43.4	119.0	12279.1	170.0	-53.1	99.9	294.0	37.2*	34.1	-15.2	365.4	999.9	99.9	999.9	102.3	116.
44.0	120.0	12432.5	166.0	-53.2	99.9	295.9	33.8*	30.1	-14.8	367.6	999.9	99.9	999.9	103.6	116.
44.5	121.0	12549.9	163.0	-53.7	99.9	296.2	33.7*	30.1	-14.9	368.7	999.9	99.9	999.9	104.5	116.
45.0	122.0	12669.5	160.0	-53.1	99.9	295.9	35.4*	31.1	-15.4	371.7	999.9	99.9	999.9	105.5	116.
45.5	123.0	12832.4	156.0	-53.7	99.9	294.6	35.9*	32.1	-15.0	373.4	999.9	99.9	999.9	106.7	116.
46.0	124.0	12957.3	153.0	-53.7	99.9	292.9	34.8*	32.1	-13.5	375.5	999.9	99.9	999.9	107.7	116.
46.5	125.0	13084.6	150.0	-53.7	99.9	292.8	33.8*	31.2	-13.1	377.6	999.9	99.9	999.9	108.7	116.
47.2	126.0	13258.6	146.0	-52.9	99.9	294.9	34.6*	31.4	-14.6	381.9	999.9	99.9	999.9	110.1	116.
47.7	127.0	13392.3	143.0	-53.7	99.9	295.1	36.2*	32.8	-15.3	382.8	999.9	99.9	999.9	111.2	116.
48.2	128.0	13528.5	140.0	-54.0	99.9	293.9	37.2*	34.1	-15.0	384.6	999.9	99.9	999.9	112.3	116.
48.8	129.0	13714.5	136.0	-54.3	99.9	292.4	32.3*	29.1	-12.3	387.2	999.9	99.9	999.9	113.7	116.
49.2	130.0	13857.5	133.0	-54.2	99.9	292.2	24.9*	23.1	-9.4	390.0	999.9	99.9	999.9	114.7	116.
49.9	131.0	14003.9	130.0	-54.0	99.9	294.3	17.7*	16.1	-7.3	392.8	999.9	99.9	999.9	114.8	116.
50.4	132.0	14153.8	127.0	-53.8	99.9	293.4	24.5*	22.5	-7.7	395.7	999.9	99.9	999.9	115.5	116.
51.0	133.0	14307.6	124.0	-53.4	99.9	289.8	32.0*	30.1	-10.8	399.3	999.9	99.9	999.9	116.7	116.
51.6	134.0	14465.0	121.0	-54.2	99.9	283.8	26.0*	25.2	-6.2	400.7	999.9	99.9	999.9	118.0	116.
52.1	135.0	14625.8	118.0	-54.8	99.9	279.4	19.3*	19.0	-3.2	402.4	999.9	99.9	999.9	118.8	116.
52.8	136.0	14790.1	115.0	-55.8	99.9	284.9	24.9*	24.1	-5.4	403.6	999.9	99.9	999.9	118.9	116.
53.5	137.0	15015.5	111.0	-55.9	99.9	287.5	34.2*	32.7	-10.3	407.4	999.9	99.9	999.9	120.6	116.
54.1	138.0	15189.2	108.0	-57.4	99.9	285.9	27.6*	26.5	-7.5	407.8	999.9	99.9	999.9	121.9	116.
54.8	139.0	15367.1	105.0	-57.9	99.9	285.4	27.0*	26.1	-7.2	410.1	999.9	99.9	999.9	122.4	115.
55.4	140.0	15611.8	101.0	-58.2	99.9	289.7	37.2*	35.1	-12.6	414.1	999.9	99.9	999.9	123.3	115.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 655  
ST CLOUD, MINN

7 FEBRUARY 1975  
1115 GMT

164 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
56.1	141.0	15802.0	98.0	-57.2	99.9	293.3	31.2*	28.1	-12.3	419.6	999.9	99.9	999.9	126.2	115.
56.9	142.0	15999.3	95.0	-55.8	99.9	294.8	24.3*	22.1	-10.2	426.2	999.9	99.9	999.9	126.3	115.
57.7	143.0	16203.0	92.0	-57.1	99.9	292.3	31.1*	28.1	-11.8	427.6	999.9	99.9	999.9	127.8	115.
58.5	144.0	16412.3	89.0	-58.2	99.9	291.1	32.9*	30.7	-11.8	429.3	999.9	99.9	999.9	129.4	115.
59.3	145.0	16628.3	86.0	-58.1	99.9	293.9	32.5*	29.8	-13.2	433.9	999.9	99.9	999.9	131.0	115.
60.1	146.0	16852.3	83.0	-57.4	99.9	292.2	29.1*	27.0	-11.0	439.7	999.9	99.9	999.9	132.6	115.
61.3	147.0	17084.8	80.0	-57.7	99.9	276.8	14.7*	14.6	-1.7	443.6	999.9	99.9	999.9	134.4	115.
62.2	148.0	17325.8	77.0	-58.1	99.9	275.4	18.9*	18.8	-1.8	447.8	999.9	99.9	999.9	134.4	115.
63.1	149.0	17575.4	74.0	-59.3	99.9	287.4	29.8*	28.4	-3.9	450.4	999.9	99.9	999.9	136.2	115.
64.0	150.0	17834.6	71.0	-59.4	99.9	285.4	16.9*	16.3	-1.5	455.4	999.9	99.9	999.9	138.1	115.
64.9	151.0	18105.2	68.0	-58.9	99.9	289.4	15.3*	15.4	-3.4	462.2	999.9	99.9	999.9	138.2	115.
65.9	152.0	18387.6	65.0	-60.1	99.9	295.3	15.4*	13.9	-4.6	465.5	999.9	99.9	999.9	138.9	115.
66.9	153.0	18581.8	62.0	-61.0	99.9	299.3	29.2*	25.5	-14.3	469.9	999.9	99.9	999.9	140.6	115.
68.0	154.0	18990.0	59.0	-61.0	99.9	303.6	16.7*	13.9	-9.3	476.6	999.9	99.9	999.9	142.7	115.
69.0	155.0	19314.3	56.0	-61.0	99.9	301.3	25.8*	22.1	-11.4	483.8	999.9	99.9	999.9	143.2	115.
70.2	156.0	19657.8	53.0	-59.3	99.9	306.1	14.6*	11.8	-3.6	495.5	999.9	99.9	999.9	145.5	115.
71.3	157.0	19858.6	51.0	-59.6	99.9	291.6	18.0*	16.8	-5.6	500.2	999.9	99.9	999.9	145.4	115.
72.8	158.0	20277.2	48.0	-60.3	99.9	289.6	20.3*	19.1	-6.8	507.3	999.9	99.9	999.9	148.1	115.
74.0	159.0	20679.1	45.0	-60.8	99.9	295.6	21.9*	19.8	-9.5	515.5	999.9	99.9	999.9	149.0	115.
75.3	160.0	20961.5	43.0	-61.4	99.9	302.8	28.3*	23.7	-15.3	520.9	999.9	99.9	999.9	150.9	115.
76.9	161.0	21410.5	40.0	-61.0	99.9	315.9	16.1*	11.2	-11.5	532.7	999.9	99.9	999.9	153.9	115.
78.5	162.0	21894.4	37.0	-61.5	99.9	302.5	13.1*	11.1	-7.1	543.3	999.9	99.9	999.9	155.3	115.
80.0	163.0	22417.6	34.0	-62.3	99.9	24.1	2.8*	-1.2	-2.6	554.7	999.9	99.9	999.9	155.1	115.
81.8	164.0	22790.2	32.0	-64.3	99.9	330.9	6.6*	3.2	-5.7	558.9	999.9	99.9	999.9	154.7	115.
83.5	165.0	23392.1	29.0	-64.5	99.9	304.8	17.7*	14.5	-19.1	574.3	999.9	99.9	999.9	155.9	116.
85.5	166.0	24059.1	26.0	-64.7	99.9	312.6	27.2*	20.0	-19.4	592.0	999.9	99.9	999.9	160.1	116.
87.9	167.0	24551.5	24.0	-61.5	99.9	59.5	6.3*	-5.4	-3.2	614.9	999.9	99.9	999.9	160.0	116.
90.4	168.0	25376.7	21.0	-62.8	99.9	296.3	12.4*	11.1	-5.5	635.0	999.9	99.9	999.9	159.7	116.
93.1	169.0	26325.1	18.0	-62.1	99.9	999.9	99.9	99.9	91.9	665.9	999.9	99.9	999.9	999.9	999.

STATION NO. 662  
RAPID CITY, S D

5 FEBRUARY 1975  
2315 GMT

129 53. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.3	966.0	913.3	-16.7	-23.8	340.0	10.3	3.5	-1.7	263.3	264.9	0.6	54.0	0.0	0.
0.1	14.0	1050.8	903.0	-19.1	-22.8	184.8	5.6	0.5	5.5	261.7	263.5	0.7	72.5	1.0	154.
0.4	15.0	1141.9	892.0	-19.9	-23.6	184.8	5.6	0.5	5.5	261.7	263.5	0.6	72.3	1.0	154.
0.7	16.0	1259.2	878.0	-20.4	-24.1	217.6	2.8	1.7	2.3	262.4	264.0	0.6	72.2	0.9	152.
1.0	17.0	1352.7	867.0	-19.9	-23.7	306.1	4.5	3.6	-2.7	263.9	265.6	0.6	71.2	0.9	149.
1.3	18.0	1447.5	856.0	-19.6	-23.5	324.0	10.6	6.2	-8.6	265.1	266.9	0.7	70.5	1.1	149.
1.6	19.0	1543.6	845.0	-19.5	-23.4	327.0	14.9	8.1	-12.5	266.3	268.1	0.7	70.7	1.3	148.
1.8	20.0	1640.9	834.0	-19.8	-23.4	325.8	15.0	8.4	-12.4	267.0	268.9	0.7	72.7	1.6	148.
2.1	21.0	1748.4	822.0	-20.3	-23.5	323.7	14.8	8.7	-11.9	267.5	269.4	0.7	75.6	1.8	148.
2.4	22.0	1857.3	810.0	-20.6	-23.0	320.8	13.9	8.8	-10.8	268.4	270.4	0.7	80.6	2.1	147.
2.6	23.0	1949.3	800.0	-20.7	-22.6	320.9	13.2	8.3	-10.2	269.2	271.3	0.8	84.4	2.2	147.
2.8	24.0	2051.8	789.0	-19.9	-21.7	323.5	12.4	7.4	-9.9	271.1	273.5	0.9	85.6	2.4	146.
3.1	25.0	2146.4	779.0	-20.4	-21.9	328.6	11.4	5.9	-9.7	271.5	273.8	0.8	87.7	2.6	146.
3.5	26.0	2271.2	766.0	-19.6	-20.5	337.7	11.0	4.2	-10.2	273.7	276.4	1.0	92.9	2.8	147.
3.7	27.0	2369.1	756.0	-18.8	-19.1	337.5	11.2	4.3	-11.3	275.6	278.7	1.1	97.8	3.0	147.
4.0	28.0	2468.5	746.0	-17.9	-17.9	337.1	11.4	4.4	-10.5	277.7	281.2	1.3	99.8	3.2	148.
4.3	29.0	2569.5	736.0	-17.9	-18.0	337.3	10.6	4.1	-9.8	278.8	282.3	1.3	99.0	3.4	148.
4.5	30.0	2672.0	726.0	-17.0	-17.2	337.4	10.2	3.9	-9.4	280.8	284.6	1.4	99.1	3.5	149.
4.7	31.0	2776.2	716.0	-16.6	-16.7	343.5	9.8	3.3	-9.2	282.4	286.4	1.4	99.7	3.6	149.
5.0	32.0	2882.3	706.0	-15.4	-15.4	345.5	9.2	2.4	-8.9	284.9	289.5	1.6	100.2	3.8	149.
5.3	33.0	2990.3	696.0	-14.6	-14.6	346.7	9.6	2.2	-8.3	287.0	292.0	1.8	101.8	4.0	150.
5.6	34.0	3099.9	686.0	-15.0	-15.1	347.0	9.9	2.2	-9.7	287.7	292.6	1.7	98.9	4.1	151.
5.8	35.0	3211.1	676.0	-14.8	-16.2	346.2	10.1	2.4	-9.8	289.1	293.6	1.6	89.2	4.2	152.
6.1	36.0	3335.2	665.0	-15.4	-17.8	344.5	10.5	2.4	-10.1	289.8	293.9	1.4	81.4	4.4	153.
6.4	37.0	3449.5	655.0	-16.4	-19.0	342.0	10.8	3.3	-10.3	290.0	293.7	1.3	80.1	4.6	153.
6.7	38.0	3553.4	646.0	-17.2	-20.0	339.8	11.0	3.3	-10.3	290.2	293.7	1.2	78.5	4.8	153.
6.9	39.0	3670.4	636.0	-17.7	-20.8	338.4	11.0	4.1	-10.3	290.8	294.2	1.1	76.9	4.9	153.
7.2	40.0	3776.9	627.0	-18.7	-21.7	336.5	10.9	4.4	-11.0	290.9	294.1	1.1	76.6	5.2	154.
7.5	41.0	3920.8	615.0	-19.4	-22.5	334.6	10.7	4.3	-9.7	291.7	294.8	1.0	76.2	5.4	154.
7.8	42.0	4030.3	606.0	-20.3	-23.5	332.3	10.8	5.3	-9.6	291.9	294.7	0.9	75.1	5.5	154.
8.1	43.0	4140.9	597.0	-21.2	-24.4	330.1	11.1	5.4	-9.6	292.0	294.7	0.9	75.3	5.7	154.
8.5	44.0	4253.0	588.0	-21.5	-25.0	327.7	11.9	6.4	-10.1	293.0	295.6	0.9	73.4	5.9	153.
8.7	45.0	4366.5	579.0	-22.6	-27.2	327.0	12.3	6.7	-10.3	293.0	295.2	0.7	65.4	6.1	153.
8.9	46.0	4481.4	570.0	-23.2	-29.5	326.3	12.6	7.0	-11.5	293.5	295.3	0.6	56.1	6.3	153.
9.3	47.0	4597.8	561.0	-23.9	-30.5	325.5	12.8	7.3	-11.6	294.1	295.7	0.5	53.9	6.6	153.
9.5	48.0	4702.5	553.0	-25.0	-31.5	325.1	12.9	7.4	-10.6	294.0	295.6	0.5	54.4	6.7	152.
9.8	49.0	4821.5	544.0	-26.0	-32.4	324.8	12.8	7.4	-10.5	294.2	295.6	0.5	54.9	7.0	152.
10.0	50.0	4928.6	536.0	-26.9	-33.1	324.6	12.7	7.4	-10.4	294.3	295.7	0.4	55.4	7.1	152.
10.3	51.0	5077.8	525.0	-28.3	-34.2	324.3	12.4	7.2	-10.1	294.5	295.7	0.4	56.1	7.4	152.
10.6	52.0	5187.7	517.0	-29.4	-35.2	324.0	12.0	7.1	-9.7	294.3	295.5	0.4	56.9	7.6	152.
10.9	53.0	5298.8	509.0	-30.5	-36.3	323.4	11.6	6.9	-9.3	294.4	295.4	0.3	56.5	7.8	151.
11.2	54.0	5425.4	500.0	-31.3	-37.1	323.0	11.4	6.8	-9.1	294.9	295.9	0.3	56.3	8.0	151.
11.5	55.0	5539.4	492.0	-32.5	-38.1	322.7	11.3	6.8	-9.0	294.8	295.7	0.3	56.9	8.2	151.
11.8	56.0	5683.9	482.0	-33.5	-39.2	322.8	11.6	7.0	-9.2	295.2	296.1	0.3	57.5	8.4	151.
12.1	57.0	5786.4	475.0	-34.6	-39.7	322.9	11.9	7.2	-9.5	295.2	296.0	0.3	59.3	8.6	151.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 667  
RAPID CITY, S D

5 FEBRUARY 1975  
2315 GMT

129 53. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
12.3	58.0	5904.7	467.0	-36.0	-40.9	322.9	12.0	7.2	-9.6	294.8	295.5	0.2	60.7	8.7	150.
12.6	59.0	6024.5	459.0	-37.1	-41.8	322.9	12.1	7.3	-9.6	294.9	295.6	0.2	61.2	9.0	150.
12.9	60.0	6145.8	451.0	-38.2	-42.9	322.6	11.9	7.2	-9.4	295.0	295.7	0.2	60.8	9.2	150.
13.1	61.0	6268.7	443.0	-39.1	-43.8	322.0	11.7	7.2	-9.2	295.4	295.9	0.2	60.5	9.3	150.
13.4	62.0	6377.6	436.0	-40.3	99.9	320.7	11.5	7.3	-8.9	295.2	999.9	99.9	999.9	9.5	150.
13.7	63.0	6487.8	429.0	-41.2	99.9	318.5	11.3	7.5	-8.5	295.5	999.9	99.9	999.9	9.7	150.
13.9	64.0	6615.4	421.0	-42.4	99.9	316.7	11.2	7.7	-8.2	295.5	999.9	99.9	999.9	9.9	150.
14.2	65.0	6728.4	414.0	-43.5	99.9	314.3	11.3	8.1	-7.9	295.5	999.9	99.9	999.9	10.1	149.
14.6	66.0	6875.9	405.0	-44.8	99.9	311.9	11.5	8.6	-7.7	295.8	999.9	99.9	999.9	10.3	149.
14.9	67.0	6992.2	398.0	-46.1	99.9	311.4	11.8	8.8	-7.8	295.6	999.9	99.9	999.9	10.5	148.
15.2	68.0	7109.9	391.0	-47.1	99.9	311.5	12.0	9.0	-8.0	295.8	999.9	99.9	999.9	10.7	148.
15.5	69.0	7229.3	384.0	-48.2	99.9	311.8	12.2	9.1	-8.2	295.8	999.9	99.9	999.9	10.9	148.
15.8	70.0	7350.2	377.0	-49.1	99.9	311.8	12.3	9.2	-8.2	296.2	999.9	99.9	999.9	11.1	147.
16.2	71.0	7508.3	368.0	-50.4	99.9	311.6	12.3	9.2	-8.2	296.4	999.9	99.9	999.9	11.4	147.
16.5	72.0	7615.3	362.0	-51.5	99.9	311.4	12.3	9.3	-8.2	296.4	999.9	99.9	999.9	11.6	147.
16.9	73.0	7741.8	355.0	-52.6	99.9	311.6	12.5	9.3	-8.3	296.6	999.9	99.9	999.9	11.9	146.
17.2	74.0	7870.1	348.0	-53.8	99.9	311.7	12.6	9.4	-8.4	296.6	999.9	99.9	999.9	12.1	146.
17.4	75.0	7981.5	342.0	-54.9	99.9	311.7	12.6	9.4	-8.4	296.6	999.9	99.9	999.9	12.3	146.
17.8	76.0	8113.4	335.0	-55.9	99.9	311.3	12.8	9.6	-8.4	297.0	999.9	99.9	999.9	12.6	146.
18.1	77.0	8228.2	329.0	-56.7	99.9	310.9	13.0	9.8	-8.5	297.4	999.9	99.9	999.9	12.8	145.
18.4	78.0	8344.6	323.0	-57.7	99.9	310.6	13.4	10.2	-8.7	297.6	999.9	99.9	999.9	13.0	145.
18.7	79.0	8482.5	316.0	-58.9	99.9	310.5	13.9	10.6	-9.0	297.8	999.9	99.9	999.9	13.3	145.
19.0	80.0	8602.6	310.0	-59.6	99.9	310.6	14.5	11.1	-9.4	298.5	999.9	99.9	999.9	13.5	145.
19.4	81.0	8745.1	303.0	-60.5	99.9	311.5	14.8	11.1	-9.8	299.2	999.9	99.9	999.9	13.9	144.
19.7	82.0	8869.6	297.0	-60.9	99.9	312.4	14.6	10.1	-9.9	300.4	999.9	99.9	999.9	14.1	144.
20.0	83.0	8996.5	291.0	-60.8	99.9	313.5	14.3	10.1	-9.8	302.2	999.9	99.9	999.9	14.4	144.
20.3	84.0	9126.5	285.0	-59.3	99.9	313.9	14.0	10.1	-9.7	306.3	999.9	99.9	999.9	14.6	144.
20.7	85.0	9260.6	279.0	-56.7	99.9	313.5	14.0	10.1	-9.6	311.8	999.9	99.9	999.9	15.0	143.
21.0	86.0	9422.1	272.0	-55.6	99.9	312.6	14.2	10.1	-9.6	315.7	999.9	99.9	999.9	15.2	143.
21.3	87.0	9564.3	266.0	-55.6	99.9	312.6	14.2	10.1	-9.6	317.8	999.9	99.9	999.9	15.5	143.
21.7	88.0	9685.2	261.0	-55.7	99.9	314.3	13.9	10.1	-9.7	319.2	999.9	99.9	999.9	15.8	143.
21.9	89.0	9833.0	255.0	-56.4	99.9	316.0	13.6	9.9	-9.8	320.4	999.9	99.9	999.9	16.0	142.
22.3	90.0	9959.1	250.0	-55.3	99.9	319.9	13.2	8.1	-10.1	323.9	999.9	99.9	999.9	16.3	142.
22.7	91.0	10088.1	245.0	-55.1	99.9	321.8	13.3	8.1	-10.4	326.0	999.9	99.9	999.9	16.6	143.
23.0	92.0	10246.6	239.0	-54.6	99.9	321.5	13.7	8.1	-10.7	329.1	999.9	99.9	999.9	16.8	143.
23.4	93.0	10382.3	234.0	-53.4	99.9	318.3	14.5	9.1	-10.9	333.0	999.9	99.9	999.9	17.2	143.
23.8	94.0	10521.3	229.0	-53.8	99.9	315.6	15.3	10.1	-11.0	334.3	999.9	99.9	999.9	17.5	142.
24.3	95.0	10663.1	224.0	-53.8	99.9	313.7	16.0	11.1	-11.1	336.5	999.9	99.9	999.9	18.0	142.
24.9	96.0	10837.3	218.0	-54.3	99.9	314.0	15.8	11.1	-11.0	338.3	999.9	99.9	999.9	18.6	142.
25.3	97.0	10985.9	213.0	-54.6	99.9	315.0	15.3	10.1	-10.8	340.1	999.9	99.9	999.9	19.0	142.
25.8	98.0	11138.2	208.0	-54.0	99.9	315.5	14.8	10.1	-10.6	343.4	999.9	99.9	999.9	19.4	142.
26.3	99.0	11262.9	204.0	-53.8	99.9	314.3	15.1	10.1	-10.6	345.6	999.9	99.9	999.9	19.8	142.
26.7	100.0	11422.4	199.0	-53.5	99.9	312.3	15.5	11.4	-10.4	348.5	999.9	99.9	999.9	20.2	141.
27.4	101.0	11619.4	193.0	-53.5	99.9	309.0	15.7	12.1	-9.9	351.6	999.9	99.9	999.9	20.9	141.
27.9	102.0	11754.1	189.0	-53.7	99.9	309.2	15.7	12.1	-9.9	353.5	999.9	99.9	999.9	21.3	141.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

5 FEBRUARY 1975  
2315 GMT

129 53. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COM M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
28.5	103.0	11926.1	184.0	-54.5	99.9	310.5	15.8	12.1	-10.3	354.9	999.9	99.9	999.9	21.9	140.
29.0	104.0	12067.0	180.0	-54.3	99.9	309.6	15.9	12.3	-10.2	357.4	999.9	99.9	999.9	22.3	140.
29.5	105.0	12211.1	176.0	-54.1	99.9	308.5	15.6	12.2	-9.7	360.0	999.9	99.9	999.9	22.8	140.
30.1	106.0	12358.8	172.0	-53.4	99.9	309.5	15.3	11.8	-9.7	363.6	999.9	99.9	999.9	23.4	140.
30.6	107.0	12510.3	168.0	-53.5	99.9	309.2	15.8	12.3	-10.0	365.8	999.9	99.9	999.9	23.8	140.
31.1	108.0	12704.7	163.0	-53.5	99.9	306.8	16.7	13.4	-10.0	369.0	999.9	99.9	999.9	24.3	139.
31.7	109.0	12864.2	159.0	-54.3	99.9	305.4	16.5	13.4	-9.6	370.3	999.9	99.9	999.9	24.9	139.
32.2	110.0	13027.6	155.0	-54.1	99.9	307.8	15.5	12.4	-9.5	373.3	999.9	99.9	999.9	25.4	139.
32.9	111.0	13195.3	151.0	-54.3	99.9	313.3	15.6	11.9	-10.7	375.8	999.9	99.9	999.9	25.9	139.
33.5	112.0	13367.4	147.0	-54.1	99.9	315.9	17.0	11.9	-12.2	379.0	999.9	99.9	999.9	26.5	138.
34.1	113.0	13544.3	143.0	-54.3	99.9	316.7	17.1	11.7	-12.4	381.7	999.9	99.9	999.9	27.2	138.
34.6	114.0	13725.7	139.0	-55.4	99.9	315.9	16.8	11.7	-12.0	382.8	999.9	99.9	999.9	27.7	138.
35.1	115.0	13864.7	136.0	-55.9	99.9	313.4	16.8	12.2	-11.6	384.4	999.9	99.9	999.9	28.2	138.
35.8	116.0	14103.0	131.0	-56.1	99.9	310.1	16.5	12.0	-10.6	388.2	999.9	99.9	999.9	28.9	138.
36.4	117.0	14250.4	128.0	-55.9	99.9	308.0	15.5	12.1	-9.5	391.1	999.9	99.9	999.9	29.5	138.
37.1	118.0	14452.8	124.0	-54.9	99.9	306.5	14.8	11.9	-8.8	396.4	999.9	99.9	999.9	30.1	138.
37.7	119.0	14609.5	121.0	-54.5	99.9	307.9	14.1	11.1	-8.7	400.1	999.9	99.9	999.9	30.6	138.
38.3	120.0	14770.2	118.0	-54.9	99.9	310.5	12.9	9.8	-8.4	402.1	999.9	99.9	999.9	31.1	137.
38.9	121.0	14934.9	115.0	-54.6	99.9	308.4	12.0	9.4	-7.4	405.7	999.9	99.9	999.9	31.5	137.
39.6	122.0	15104.4	112.0	-53.8	99.9	301.9	12.9	11.9	-6.8	410.2	999.9	99.9	999.9	32.0	137.
40.2	123.0	15338.1	108.0	-53.7	99.9	300.1	14.4	12.4	-7.2	414.8	999.9	99.9	999.9	32.5	137.
40.8	124.0	15519.0	105.0	-54.3	99.9	300.8	14.7	12.1	-7.5	417.0	999.9	99.9	999.9	33.0	137.
41.4	125.0	15704.8	102.0	-54.3	99.9	302.1	14.3	12.1	-7.6	420.4	999.9	99.9	999.9	33.5	136.
42.3	126.0	15961.4	98.0	-54.0	99.9	302.2	14.9	12.6	-7.9	425.9	999.9	99.9	999.9	34.2	136.
42.9	127.0	16161.1	95.0	-53.9	99.9	303.0	15.8	13.3	-8.6	430.0	999.9	99.9	999.9	34.8	136.
43.6	128.0	16367.0	92.0	-54.3	99.9	305.2	16.7	13.6	-9.6	433.0	999.9	99.9	999.9	35.5	136.
44.4	129.0	16579.5	89.0	-54.3	99.9	306.2	16.8	13.7	-9.9	437.2	999.9	99.9	999.9	36.3	135.
45.0	130.0	16799.4	86.0	-54.1	99.9	303.2	15.5	12.1	-8.5	441.8	999.9	99.9	999.9	36.9	135.
45.8	131.0	17026.7	83.0	-55.1	99.9	299.7	14.3	12.4	-7.1	444.3	999.9	99.9	999.9	37.5	135.
46.5	132.0	17261.2	80.0	-56.2	99.9	300.1	14.8	12.8	-7.4	446.7	999.9	99.9	999.9	38.1	135.
47.2	133.0	17503.7	77.0	-56.9	99.9	297.5	13.6	12.1	-6.3	450.2	999.9	99.9	999.9	38.7	135.
47.9	134.0	17670.3	75.0	-57.2	99.9	296.8	13.5	12.1	-6.1	452.9	999.9	99.9	999.9	39.2	134.
48.7	135.0	17928.5	72.0	-57.1	99.9	298.1	15.8	13.9	-7.4	458.6	999.9	99.9	999.9	39.9	134.
49.7	136.0	18198.0	69.0	-56.9	99.9	299.7	18.9	16.6	-9.4	464.6	999.9	99.9	999.9	40.9	134.
50.8	137.0	18576.9	65.0	-56.2	99.9	306.8	20.8	16.9	-12.4	474.0	999.9	99.9	999.9	42.2	133.
51.8	138.0	18877.4	62.0	-55.9	99.9	307.7	19.4	15.7	-11.9	481.2	999.9	99.9	999.9	43.5	133.
52.9	139.0	19192.0	59.0	-57.2	99.9	305.0	14.4	11.1	-8.3	485.1	999.9	99.9	999.9	44.6	133.
54.0	140.0	19521.4	56.0	-58.1	99.9	999.9	99.9	99.9	99.9	490.5	999.9	99.9	999.9	999.9	999.
55.1	141.0	19867.2	53.0	-59.4	99.9	999.9	99.9	99.9	99.9	495.1	999.9	99.9	999.9	999.9	999.

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
515 GMT

138 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	966.0	913.6	-19.4	-25.0	260.0	1.5	1.1	0.3	260.5	261.9	0.5	58.0	0.0	0.
0.2	14.0	1036.4	905.0	-19.2	-23.0	999.9	99.9	99.1	99.9	261.4	263.1	0.6	70.0	999.9	999.
0.6	15.0	1127.3	894.0	-19.3	-24.2	999.9	99.9	99.1	99.9	262.2	263.8	0.6	64.8	999.9	999.
0.8	16.0	1236.1	881.0	-20.0	-24.1	999.9	99.9	99.1	99.9	262.6	264.2	0.6	69.8	999.9	999.
1.1	17.0	1329.5	870.0	-19.2	-23.4	999.9	99.9	99.0	99.9	264.4	266.2	0.7	69.4	999.9	999.
1.5	18.0	1432.8	858.0	-19.2	-23.4	999.9	99.9	99.0	99.9	265.4	267.2	0.7	69.4	999.9	999.
1.8	19.0	1520.0	848.0	-19.6	-23.9	999.9	99.9	99.1	99.9	265.9	267.6	0.6	68.2	999.9	999.
2.3	20.0	1608.0	838.0	-20.1	-25.2	999.9	99.9	99.9	99.9	266.2	267.8	0.6	63.9	999.9	999.
2.7	21.0	1723.9	825.0	-20.5	-26.0	999.9	99.9	99.9	99.9	267.0	268.5	0.5	61.1	999.9	999.
3.0	22.0	1823.2	814.0	-20.5	-26.1	999.9	99.9	99.9	99.9	268.0	269.5	0.6	60.7	999.9	999.
3.4	23.0	1924.0	803.0	-20.0	-26.5	325.8	13.5	7.6	-11.1	269.6	271.1	0.5	55.9	1.9	146.
3.6	24.0	2017.3	793.0	-18.5	-27.5	326.2	13.7	7.6	-11.4	272.2	273.6	0.5	45.0	2.0	146.
4.0	25.0	2112.1	783.0	-17.6	-26.9	327.5	14.9	8.1	-12.5	274.2	275.7	0.5	43.6	2.3	146.
4.4	26.0	2237.4	770.0	-17.8	-27.4	324.2	16.1	9.4	-13.1	275.2	276.7	0.5	42.8	2.7	146.
4.6	27.0	2335.3	760.0	-17.6	-27.7	322.2	16.3	10.1	-12.9	276.5	278.0	0.5	40.5	2.9	146.
5.0	28.0	2434.6	750.0	-16.7	-28.1	317.0	15.7	10.1	-11.5	278.4	279.9	0.5	36.5	3.3	145.
5.4	29.0	2535.5	740.0	-16.3	-29.2	314.8	16.4	11.7	-11.6	280.0	281.3	0.5	31.8	3.7	144.
5.7	30.0	2638.1	730.0	-15.5	-25.4	313.2	16.8	12.2	-11.5	282.0	283.9	0.7	42.2	4.0	143.
6.0	31.0	2742.2	720.0	-15.6	-24.4	311.7	17.0	12.2	-11.3	282.9	285.1	0.7	46.9	4.3	143.
6.4	32.0	2847.6	710.0	-16.3	-25.5	311.0	17.5	13.2	-11.5	283.3	285.3	0.7	44.8	4.7	142.
6.6	33.0	2943.5	701.0	-16.6	-25.0	310.9	17.6	13.3	-11.5	284.0	286.0	0.7	45.6	4.9	141.
7.0	34.0	3051.4	691.0	-17.2	-26.0	310.9	17.5	13.2	-11.4	284.6	286.5	0.6	43.8	5.3	140.
7.4	35.0	3160.6	681.0	-18.1	-27.0	309.3	16.9	13.1	-10.7	284.7	286.4	0.6	42.8	5.7	140.
7.8	36.0	3282.0	670.0	-19.2	-28.7	307.5	16.2	12.8	-9.8	284.8	286.4	0.5	42.4	6.1	139.
8.2	37.0	3393.7	660.0	-20.0	-30.2	306.2	15.3	12.3	-9.0	285.1	286.5	0.5	39.4	6.5	138.
8.6	38.0	3495.4	651.0	-20.7	-34.1	306.2	14.3	11.6	-8.5	285.5	286.5	0.3	28.7	6.8	137.
8.9	39.0	3598.3	642.0	-21.2	-43.0	307.0	13.9	11.1	-8.3	286.0	286.4	0.1	11.9	7.1	137.
9.5	40.0	3702.3	633.0	-21.9	-45.2	308.1	14.3	11.3	-8.8	286.4	286.7	0.1	9.9	7.5	137.
9.8	41.0	3843.0	621.0	-22.5	-44.7	307.7	15.0	11.0	-9.2	287.2	287.5	0.1	11.1	7.8	136.
10.2	42.0	3950.1	612.0	-23.1	-46.5	307.0	15.6	12.4	-9.4	287.8	288.1	0.1	9.6	8.2	136.
10.5	43.0	4058.5	603.0	-23.6	-48.4	306.3	15.9	12.1	-9.4	288.4	288.6	0.1	8.0	8.5	136.
10.8	44.0	4156.0	595.0	-24.5	-49.6	305.5	16.0	13.0	-9.3	288.4	288.6	0.1	7.6	8.7	135.
11.3	45.0	4266.8	586.0	-25.2	-49.4	304.5	16.2	13.3	-9.2	288.9	289.1	0.1	8.3	9.2	135.
11.5	46.0	4379.1	577.0	-26.0	-49.9	304.1	16.3	13.5	-9.1	289.2	289.5	0.1	8.4	9.4	134.
11.8	47.0	4492.7	568.0	-26.9	-51.1	303.4	16.1	13.5	-8.9	289.5	289.7	0.1	8.0	9.7	134.
12.3	48.0	4594.8	560.0	-27.7	-50.2	301.5	16.1	13.8	-8.4	289.7	289.9	0.1	9.2	10.2	134.
12.6	49.0	4711.1	551.0	-28.6	-50.7	300.2	16.4	14.2	-8.2	290.0	290.2	0.1	9.8	10.5	133.
13.0	50.0	4815.7	543.0	-29.3	-52.6	298.5	17.1	15.0	-8.2	290.4	290.6	0.1	8.3	10.8	133.
13.4	51.0	4948.3	533.0	-30.3	-53.8	296.7	18.1	16.2	-8.1	290.7	290.9	0.0	7.9	11.3	132.
13.7	52.0	5055.6	525.0	-31.2	-54.4	294.8	18.8	17.1	-7.9	290.9	291.0	0.0	8.1	11.6	132.
14.1	53.0	5178.0	516.0	-31.9	-54.5	292.0	19.6	18.2	-7.3	291.5	291.7	0.0	8.7	12.0	131.
14.5	54.0	5288.3	508.0	-32.4	-53.7	289.3	20.2	19.1	-6.7	292.2	292.3	0.0	9.8	12.5	130.
15.0	55.0	5400.0	500.0	-33.3	-55.2	289.0	20.6	19.5	-6.7	292.4	292.5	0.0	8.9	13.0	129.
15.4	56.0	5527.5	491.0	-34.0	-55.7	291.7	20.9	19.4	-7.7	293.1	293.2	0.0	9.0	13.5	128.
15.7	57.0	5656.8	482.0	-35.0	-56.4	294.6	20.8	18.9	-8.7	293.3	293.5	0.0	9.2	13.9	128.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
515 GMT

138 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.1	58.0	5758.6	475.0	-36.0	-57.0	299.2	20.4	17.8	-9.9	293.4	293.6	0.0	9.3	14.4	128.
16.4	59.0	5861.6	468.0	-36.6	-57.5	303.4	19.5	16.3	-10.7	293.9	294.0	0.0	9.4	14.8	127.
16.8	60.0	5981.0	460.0	-37.1	-57.9	310.8	17.8	13.5	-11.6	294.6	294.8	0.0	10.0	15.2	127.
17.2	61.0	6102.1	452.0	-37.7	-57.5	320.3	16.4	10.4	-12.6	295.5	295.6	0.0	10.1	15.6	128.
17.5	62.0	6225.2	444.0	-37.9	-57.0	328.6	15.7	8.2	-12.4	296.6	296.8	0.0	10.1	15.9	128.
17.8	63.0	6334.5	437.0	-38.7	-58.9	335.3	15.6	6.5	-14.2	297.0	297.1	0.0	9.7	16.1	128.
18.3	64.0	6445.1	430.0	-39.8	-59.3	344.6	15.9	4.2	-15.3	297.0	297.1	0.0	10.4	16.5	129.
18.6	65.0	6557.2	423.0	-40.4	99.9	349.2	16.1	3.0	-15.8	297.7	999.9	99.9	999.9	16.8	130.
19.1	66.0	6703.4	414.0	-41.6	99.9	356.5	16.4	1.0	-16.4	298.0	999.9	99.9	999.9	17.1	131.
19.5	67.0	6818.9	407.0	-42.3	99.9	2.1	16.9	-0.6	-16.9	298.6	999.9	99.9	999.9	17.4	132.
19.9	68.0	6936.2	400.0	-42.7	99.9	5.3	17.7	-1.6	-17.6	299.5	999.9	99.9	999.9	17.6	133.
20.4	69.0	7055.0	393.0	-43.8	99.9	5.5	18.6	-1.8	-18.5	299.6	999.9	99.9	999.9	17.9	135.
20.8	70.0	7175.6	386.0	-44.5	99.9	3.8	19.0	-1.3	-18.9	300.2	999.9	99.9	999.9	18.2	136.
21.3	71.0	7333.3	377.0	-45.3	99.9	2.6	19.2	-0.9	-19.2	301.2	999.9	99.9	999.9	18.7	137.
21.6	72.0	7440.2	371.0	-46.2	99.9	3.0	19.2	-1.0	-19.2	301.4	999.9	99.9	999.9	18.9	138.
22.0	73.0	7566.5	364.0	-47.4	99.9	4.9	19.3	-1.6	-19.3	301.4	999.9	99.9	999.9	19.3	139.
22.4	74.0	7676.1	358.0	-48.5	99.9	6.0	19.8	-2.1	-19.7	301.4	999.9	99.9	999.9	19.5	140.
22.7	75.0	7806.0	351.0	-48.9	99.9	5.9	20.2	-2.1	-20.0	302.6	999.9	99.9	999.9	19.8	140.
23.1	76.0	7918.9	345.0	-50.2	99.9	5.2	20.5	-1.9	-20.5	302.3	999.9	99.9	999.9	20.1	141.
23.5	77.0	8052.6	338.0	-50.7	99.9	4.7	20.5	-1.7	-20.4	303.4	999.9	99.9	999.9	20.6	142.
23.7	78.0	8169.1	332.0	-51.6	99.9	4.8	20.1	-1.7	-20.1	303.8	999.9	99.9	999.9	20.7	143.
24.3	79.0	8287.2	326.0	-52.6	99.9	4.0	19.5	-1.4	-19.4	303.9	999.9	99.9	999.9	21.2	144.
24.6	80.0	8406.9	320.0	-53.6	99.9	3.2	19.3	-1.1	-19.3	304.2	999.9	99.9	999.9	21.5	145.
25.1	81.0	8569.2	312.0	-55.0	99.9	1.8	19.1	-0.6	-19.1	304.4	999.9	99.9	999.9	21.9	146.
25.4	82.0	8693.1	306.0	-55.8	99.9	1.5	18.6	-0.5	-18.6	305.0	999.9	99.9	999.9	22.3	146.
25.7	83.0	8819.0	300.0	-56.4	99.9	1.3	18.3	-0.4	-18.3	305.8	999.9	99.9	999.9	22.5	147.
26.2	84.0	8925.4	295.0	-57.7	99.9	1.2	18.3	-0.4	-18.3	305.5	999.9	99.9	999.9	22.9	147.
26.5	85.0	9054.9	289.0	-58.4	99.9	1.5	18.7	-0.5	-18.7	306.3	999.9	99.9	999.9	23.2	148.
26.9	86.0	9208.9	282.0	-58.9	99.9	3.4	18.9	-1.1	-18.8	307.7	999.9	99.9	999.9	23.6	148.
27.4	87.0	9344.2	276.0	-58.1	99.9	4.8	18.1	-1.5	-18.0	310.8	999.9	99.9	999.9	24.1	149.
27.6	88.0	9459.5	271.0	-57.4	99.9	4.1	17.7	-1.3	-17.7	313.4	999.9	99.9	999.9	24.3	150.
28.1	89.0	9601.0	265.0	-57.6	99.9	358.4	17.2	0.5	-17.2	315.2	999.9	99.9	999.9	24.6	150.
28.5	90.0	9721.1	260.0	-58.1	99.9	350.9	17.6	2.8	-17.4	316.2	999.9	99.9	999.9	25.0	151.
28.8	91.0	9843.4	255.0	-58.1	99.9	346.0	18.0	4.3	-17.4	318.0	999.9	99.9	999.9	25.3	151.
29.3	92.0	9968.3	250.0	-57.6	99.9	340.3	17.9	6.0	-16.9	320.5	999.9	99.9	999.9	25.9	151.
29.6	93.0	10122.0	244.0	-56.7	99.9	337.8	17.7	6.7	-16.4	324.0	999.9	99.9	999.9	26.2	151.
29.9	94.0	10253.3	239.0	-56.6	99.9	335.8	17.5	7.2	-16.0	326.1	999.9	99.9	999.9	26.6	151.
30.5	95.0	10387.5	234.0	-56.4	99.9	329.4	19.2	9.8	-16.6	328.4	999.9	99.9	999.9	27.0	151.
30.8	96.0	10552.5	228.0	-56.2	99.9	326.1	20.5	11.5	-17.0	331.1	999.9	99.9	999.9	27.5	151.
31.3	97.0	10693.3	223.0	-56.4	99.9	322.4	21.5	13.1	-17.0	332.9	999.9	99.9	999.9	28.2	151.
31.6	98.0	10837.3	218.0	-56.4	99.9	321.2	21.3	13.4	-16.6	335.1	999.9	99.9	999.9	28.6	151.
32.1	99.0	10984.6	213.0	-56.4	99.9	321.4	20.5	12.8	-16.0	337.3	999.9	99.9	999.9	29.2	151.
32.5	100.0	11105.4	209.0	-54.8	99.9	323.3	20.4	12.2	-16.4	341.7	999.9	99.9	999.9	29.5	151.
32.9	101.0	11291.7	203.0	-54.8	99.9	326.2	20.3	11.3	-16.9	344.5	999.9	99.9	999.9	30.2	150.
33.4	102.0	11451.1	198.0	-55.0	99.9	329.0	20.1	10.3	-17.2	346.7	999.9	99.9	999.9	30.8	150.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
515 GMT

130 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
33.6	103.0	11581.7	194.0	-54.3	99.9	329.6	20.2	10.2	-17.4	349.8	999.9	99.9	999.9	31.0	150.
34.2	104.0	11715.2	190.0	-54.6	99.9	330.2	21.1	10.4	-18.3	351.4	999.9	99.9	999.9	31.7	150.
34.5	105.0	11885.7	185.0	-55.1	99.9	330.5	21.4	10.5	-18.7	353.3	999.9	99.9	999.9	32.1	150.
34.9	106.0	12025.3	181.0	-55.0	99.9	331.1	20.8	10.1	-19.2	355.8	999.9	99.9	999.9	32.7	150.
35.4	107.0	12168.3	177.0	-54.3	99.9	330.8	20.0	9.7	-17.5	359.1	999.9	99.9	999.9	33.2	150.
35.8	108.0	12315.0	173.0	-53.9	99.9	329.4	19.4	9.9	-16.7	362.2	999.9	99.9	999.9	33.7	150.
36.3	109.0	12503.5	168.0	-53.6	99.9	326.6	18.6	10.3	-15.6	365.8	999.9	99.9	999.9	34.3	150.
36.7	110.0	12619.3	165.0	-54.0	99.9	325.0	18.6	10.7	-15.2	366.9	999.9	99.9	999.9	34.7	150.
37.3	111.0	12816.8	160.0	-54.0	99.9	325.8	19.8	11.1	-16.4	370.1	999.9	99.9	999.9	35.3	150.
37.6	112.0	12979.5	156.0	-53.4	99.9	327.4	20.3	10.9	-17.1	373.9	999.9	99.9	999.9	35.7	150.
38.2	113.0	13146.7	152.0	-53.6	99.9	330.7	19.8	9.7	-17.2	376.4	999.9	99.9	999.9	36.5	150.
38.5	114.0	13318.2	148.0	-53.7	99.9	332.0	19.2	9.0	-17.0	379.0	999.9	99.9	999.9	36.9	150.
39.2	115.0	13449.9	145.0	-53.2	99.9	332.1	20.5	9.6	-16.1	382.0	999.9	99.9	999.9	37.6	150.
39.6	116.0	13675.9	140.0	-53.4	99.9	331.8	21.0	9.9	-16.5	385.6	999.9	99.9	999.9	38.2	150.
40.0	117.0	13862.0	136.0	-54.5	99.9	331.4	20.3	9.7	-17.8	386.9	999.9	99.9	999.9	38.8	150.
40.5	118.0	14004.8	133.0	-54.8	99.9	330.0	19.3	9.6	-16.7	388.8	999.9	99.9	999.9	39.2	150.
41.0	119.0	14200.0	129.0	-55.0	99.9	327.7	19.8	10.6	-16.7	391.9	999.9	99.9	999.9	39.8	150.
41.5	120.0	14350.3	126.0	-55.3	99.9	324.9	20.1	11.6	-16.4	394.0	999.9	99.9	999.9	40.5	150.
42.0	121.0	14556.2	122.0	-55.1	99.9	321.9	19.1	11.8	-15.0	398.0	999.9	99.9	999.9	41.1	150.
42.5	122.0	14715.3	119.0	-54.8	99.9	320.9	17.8	11.2	-13.8	401.4	999.9	99.9	999.9	41.5	150.
42.9	123.0	14878.6	116.0	-55.0	99.9	321.4	17.1	10.7	-13.4	404.0	999.9	99.9	999.9	42.0	150.
43.5	124.0	15046.0	113.0	-55.1	99.9	321.1	17.5	11.0	-13.6	406.8	999.9	99.9	999.9	42.5	150.
44.2	125.0	15276.3	109.0	-54.8	99.9	319.6	20.0	13.0	-15.2	411.6	999.9	99.9	999.9	43.3	150.
44.6	126.0	15515.7	105.0	-54.3	99.9	319.5	20.9	13.5	-15.9	416.9	999.9	99.9	999.9	43.9	149.
45.2	127.0	15701.3	102.0	-54.5	99.9	320.9	19.6	12.3	-15.2	419.8	999.9	99.9	999.9	44.6	149.
45.5	128.0	15891.7	99.0	-56.2	99.9	322.3	18.0	11.0	-14.2	420.3	999.9	99.9	999.9	45.1	149.
46.2	129.0	16087.1	96.0	-56.4	99.9	325.3	14.8	8.4	-12.2	423.7	999.9	99.9	999.9	45.6	149.
46.7	130.0	16288.3	93.0	-57.2	99.9	324.4	15.0	8.7	-12.2	425.9	999.9	99.9	999.9	46.0	149.
47.4	131.0	16566.5	89.0	-57.1	99.9	319.6	16.6	10.8	-12.7	431.6	999.9	99.9	999.9	46.6	149.
47.8	132.0	16783.7	86.0	-56.7	99.9	315.7	16.8	11.7	-12.0	436.6	999.9	99.9	999.9	47.1	149.
48.4	133.0	17008.5	83.0	-57.2	99.9	312.0	15.6	11.6	-10.5	440.0	999.9	99.9	999.9	47.6	149.
48.9	134.0	17240.9	80.0	-58.1	99.9	315.2	14.7	10.3	-10.4	443.0	999.9	99.9	999.9	48.2	149.
49.6	135.0	17400.2	78.0	-58.6	99.9	321.7	17.6	10.9	-13.8	445.1	999.9	99.9	999.9	48.5	148.
50.4	136.0	17730.9	74.0	-58.9	99.9	323.5	22.8	13.6	-13.3	451.2	999.9	99.9	999.9	49.7	148.
51.1	137.0	18079.9	70.0	-58.6	99.9	323.2	22.5	13.5	-13.1	459.1	999.9	99.9	999.9	50.7	148.
52.0	138.0	18355.8	67.0	-57.7	99.9	319.8	16.7	10.8	-12.8	466.7	999.9	99.9	999.9	51.8	148.
52.8	139.0	18645.7	64.0	-56.4	99.9	311.7	13.1	9.8	-8.7	475.8	999.9	99.9	999.9	52.4	148.
53.8	140.0	18949.9	61.0	-57.2	99.9	309.4	14.7	11.3	-9.3	480.5	999.9	99.9	999.9	53.2	148.
54.5	141.0	19378.7	57.0	-57.4	99.9	310.6	15.8	12.0	-10.3	489.6	999.9	99.9	999.9	53.9	147.
55.7	142.0	19720.2	54.0	-57.7	99.9	316.6	15.1	10.4	-11.0	496.4	999.9	99.9	999.9	54.9	147.
56.8	143.0	20079.5	51.0	-59.4	99.9	319.7	13.9	9.0	-10.6	500.7	999.9	99.9	999.9	55.9	147.
57.7	144.0	20457.3	48.0	-61.3	99.9	310.6	11.1	8.4	-7.2	504.8	999.9	99.9	999.9	56.5	147.
58.7	145.0	20857.2	45.0	-61.9	99.9	307.8	12.8	10.1	-7.9	512.9	999.9	99.9	999.9	57.2	147.
59.8	146.0	21282.8	42.0	-63.3	99.9	309.0	14.4	11.2	-5.1	519.6	999.9	99.9	999.9	58.0	146.
61.3	147.0	21736.2	39.0	-65.2	99.9	307.3	16.2	12.9	-5.8	525.9	999.9	99.9	999.9	59.3	146.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
515 GMT

138 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.7	148.0	22223.7	36.0	-65.2	99.9	310.0	15.6	11.9	-10.0	538.1	999.9	99.9	999.9	60.7	146.
64.0	149.0	22753.7	33.0	-65.2	99.9	999.9	99.9	99.9	99.9	551.6	999.9	99.9	999.9	999.9	999.
65.6	150.0	23334.7	30.0	-64.8	99.9	999.9	99.9	99.9	99.9	567.9	999.9	99.9	999.9	999.9	999.



STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
1115 GMT

132 60. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	A7 DG
0.0	13.7	966.0	910.3	-22.2	-27.8	360.0	2.1	0.0	-2.1	257.8	259.0	0.4	60.0	0.0	0.
0.2	14.0	992.8	907.0	-19.6	-25.0	308.3	2.6	2.1	-1.6	260.8	262.2	0.5	57.1	0.0	126.
0.4	15.0	1075.8	897.0	-15.8	-22.8	308.3	2.6	2.1	-1.6	265.6	267.4	0.7	54.4	0.0	126.
0.7	16.0	1186.0	884.0	-15.6	-23.3	309.0	2.9	2.2	-1.8	266.8	268.6	0.7	51.4	0.1	127.
1.0	17.0	1280.5	873.0	-15.5	-24.0	309.9	3.2	2.5	-2.1	267.9	269.7	0.6	47.8	0.1	128.
1.4	18.0	1367.6	863.0	-14.9	-23.1	322.7	9.0	5.4	-7.1	269.4	271.2	0.6	46.7	0.2	129.
1.7	19.0	1464.7	852.0	-14.7	-24.0	324.8	12.8	7.4	-10.5	270.7	272.4	0.6	43.6	0.4	137.
1.9	20.0	1554.1	842.0	-14.0	-24.1	325.5	15.2	8.6	-12.6	271.4	273.2	0.6	42.7	0.6	140.
2.4	21.0	1662.6	830.0	-15.2	-25.2	327.5	9.5	5.1	-8.0	272.1	273.8	0.6	41.8	1.1	143.
2.6	22.0	1754.2	820.0	-15.5	-25.4	327.8	9.8	5.2	-8.3	272.8	274.4	0.6	42.2	1.2	143.
2.9	23.0	1846.8	810.0	-15.6	-25.1	326.9	15.7	8.6	-13.2	273.6	275.3	0.6	44.0	1.2	144.
3.2	24.0	1940.4	800.0	-16.3	-25.7	326.6	21.1	11.6	-17.7	273.8	275.5	0.6	44.1	1.6	144.
3.5	25.0	2034.9	790.0	-17.1	-28.8	326.5	26.3	14.6	-22.0	273.9	275.2	0.4	35.4	2.3	145.
3.8	26.0	2149.8	778.0	-16.9	-33.7	327.0	20.5	11.2	-17.2	275.4	276.2	0.3	21.4	2.6	145.
4.2	27.0	2247.0	768.0	-16.3	-33.7	326.5	17.0	9.4	-14.2	277.0	277.8	0.3	20.1	3.0	145.
4.5	28.0	2345.6	758.0	-16.5	-36.9	325.0	17.6	10.1	-14.4	277.9	278.5	0.2	15.0	3.3	146.
4.7	29.0	2435.5	749.0	-15.9	-36.9	324.7	18.3	10.6	-15.0	279.4	280.1	0.2	14.4	3.5	145.
5.1	30.0	2536.9	739.0	-15.8	-35.2	324.5	19.2	11.2	-15.6	280.7	281.4	0.3	16.8	4.0	145.
5.4	31.0	2629.3	730.0	-15.6	-33.6	324.8	18.7	10.8	-15.3	281.8	282.7	0.3	19.6	4.3	145.
5.6	32.0	2743.7	719.0	-16.3	-33.0	324.8	18.5	10.7	-15.1	282.3	283.2	0.3	21.4	4.5	145.
6.0	33.0	2838.3	710.0	-17.0	-25.0	324.7	18.5	10.7	-15.1	282.6	284.6	0.7	49.8	4.9	145.
6.3	34.0	2934.2	701.0	-16.7	-28.0	324.5	20.0	11.6	-16.3	283.9	285.4	0.5	34.0	5.3	145.
6.6	35.0	3021.2	692.0	-16.9	-25.7	324.3	21.3	12.5	-17.3	284.8	286.8	0.7	46.1	5.7	145.
7.0	36.0	3162.4	680.0	-17.4	-25.3	323.7	22.5	13.3	-18.1	285.6	287.7	0.7	49.8	6.2	145.
7.3	37.0	3262.1	671.0	-18.2	-24.8	323.3	22.9	13.7	-18.4	285.8	288.0	0.8	56.1	6.7	145.
7.6	38.0	3363.0	662.0	-18.5	-21.4	323.0	23.3	14.0	-18.6	286.6	289.7	1.0	77.7	7.1	145.
8.0	39.0	3465.1	653.0	-18.9	-21.2	322.7	23.7	14.4	-18.9	287.3	290.4	1.1	81.6	7.6	145.
8.3	40.0	3556.8	645.0	-19.4	-21.0	322.7	24.0	14.5	-19.1	287.7	290.7	1.0	81.7	8.1	145.
8.6	41.0	3696.3	633.0	-20.1	-22.4	322.9	24.2	14.6	-19.3	288.5	291.4	1.0	81.8	8.5	144.
9.0	42.0	3802.4	624.0	-20.5	-22.6	323.6	24.6	14.6	-19.8	289.2	292.0	1.0	81.1	9.1	144.
9.3	43.0	3897.8	616.0	-21.1	-23.5	324.4	25.1	14.6	-20.4	289.6	292.4	0.9	80.4	9.5	144.
9.6	44.0	4006.5	607.0	-21.5	-23.8	325.1	25.5	14.6	-20.9	290.4	293.1	0.9	80.9	10.0	144.
9.9	45.0	4116.6	598.0	-21.9	-24.4	325.4	25.5	14.5	-21.0	291.2	293.8	0.9	80.1	10.4	144.
10.3	46.0	4215.7	590.0	-22.3	-24.8	324.7	24.7	14.3	-20.2	291.8	294.4	0.9	79.7	11.1	145.
10.5	47.0	4328.6	581.0	-22.8	-25.0	324.1	24.2	14.2	-19.6	292.5	295.0	0.8	79.9	11.4	145.
10.9	48.0	4430.2	573.0	-23.2	-25.7	322.1	23.6	14.5	-18.6	293.2	295.7	0.8	79.9	11.9	145.
11.3	49.0	4533.1	565.0	-23.7	-26.1	320.8	24.2	15.3	-18.7	293.7	296.2	0.8	80.7	12.4	144.
11.8	50.0	4637.2	557.0	-24.1	-26.7	320.1	25.5	16.4	-19.6	294.4	296.8	0.8	79.4	13.2	144.
12.0	51.0	4769.2	547.0	-25.2	-27.8	320.0	26.1	16.8	-20.0	294.7	296.9	0.7	78.4	13.5	144.
12.4	52.0	4876.1	539.0	-25.9	-28.5	319.4	26.0	16.9	-19.7	295.1	297.2	0.7	78.1	14.2	144.
12.7	53.0	4957.9	530.0	-26.7	-29.7	318.7	25.8	17.0	-19.4	295.6	297.5	0.6	75.0	14.6	144.
13.1	54.0	5107.6	522.0	-27.3	-31.1	317.7	25.5	17.2	-18.8	296.1	297.8	0.5	69.8	15.2	143.
13.4	55.0	5204.7	515.0	-28.2	-32.0	317.1	25.6	17.4	-18.7	296.1	297.7	0.5	70.1	15.7	143.
13.8	56.0	5345.0	505.0	-29.6	-33.2	317.2	25.8	17.5	-18.9	296.2	297.6	0.5	70.1	16.3	143.
14.2	57.0	5458.7	497.0	-30.6	-34.3	317.8	25.8	17.5	-19.1	296.2	297.5	0.4	69.9	16.9	143.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
1115 GMT

132 60. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.5	58.0	5573.8	489.0	-31.4	-35.2	318.5	25.7	17.0	-15.3	296.6	297.9	0.4	68.7	17.5	143.
14.9	59.0	5675.7	482.0	-32.6	-36.6	319.0	25.6	16.8	-19.3	296.4	297.5	0.3	67.1	18.0	143.
15.2	60.0	5793.4	474.0	-33.4	-37.5	318.6	25.5	16.9	-19.1	296.8	297.8	0.3	66.1	18.4	142.
15.5	61.0	5897.9	467.0	-33.5	-37.7	318.0	25.3	16.9	-18.8	297.9	298.9	0.3	65.4	18.9	142.
15.8	62.0	6019.1	459.0	-34.1	-38.7	316.9	24.4	16.6	-17.8	298.7	299.6	0.3	61.2	19.4	142.
16.2	63.0	6126.6	452.0	-34.6	-40.0	316.3	23.0	15.9	-15.6	299.3	300.2	0.3	57.8	20.0	142.
16.5	64.0	6235.4	445.0	-35.7	-40.8	316.5	21.8	15.0	-15.8	299.3	300.1	0.2	58.8	20.4	142.
16.8	65.0	6345.5	438.0	-36.5	-41.2	319.7	21.4	13.9	-15.4	299.7	300.4	0.2	61.1	20.7	142.
17.2	66.0	6489.2	429.0	-37.3	-41.7	325.1	21.6	12.3	-17.7	300.4	301.2	0.2	62.8	21.2	142.
17.5	67.0	6602.7	422.0	-38.0	-42.2	329.6	22.1	11.2	-19.1	301.0	301.7	0.2	63.7	21.6	142.
17.8	68.0	6717.7	415.0	-39.1	-42.8	332.9	22.7	10.3	-20.2	301.0	301.7	0.2	66.9	22.0	142.
18.2	69.0	6834.2	408.0	-39.7	-43.0	335.6	23.4	9.7	-21.4	301.6	302.3	0.2	70.9	22.6	142.
18.5	70.0	6952.4	401.0	-40.3	99.9	336.4	24.0	9.6	-22.0	302.4	999.9	99.9	999.9	23.0	143.
19.0	71.0	7089.5	393.0	-41.4	99.9	334.9	26.0	11.0	-23.6	302.7	999.9	99.9	999.9	23.6	143.
19.4	72.0	7211.3	386.0	-42.4	99.9	334.3	27.9	12.1	-24.1	303.0	999.9	99.9	999.9	24.3	143.
19.7	73.0	7316.9	380.0	-43.6	99.9	334.6	28.5	12.2	-25.8	302.7	999.9	99.9	999.9	24.8	144.
20.1	74.0	7441.6	373.0	-44.8	99.9	335.4	28.6	11.9	-26.0	302.8	999.9	99.9	999.9	25.6	144.
20.4	75.0	7549.8	367.0	-45.9	99.9	335.8	28.1	11.9	-25.6	302.7	999.9	99.9	999.9	26.1	144.
20.8	76.0	7677.6	360.0	-46.9	99.9	335.5	27.9	11.5	-25.4	303.0	999.9	99.9	999.9	26.6	144.
21.2	77.0	7788.9	354.0	-47.5	99.9	334.7	27.9	11.9	-25.2	303.7	999.9	99.9	999.9	27.3	145.
21.5	78.0	7939.6	346.0	-48.4	99.9	334.0	27.9	12.2	-25.0	304.5	999.9	99.9	999.9	27.9	145.
21.9	79.0	8054.5	340.0	-49.5	99.9	333.7	26.4	11.7	-23.7	304.6	999.9	99.9	999.9	28.6	145.
22.2	80.0	8171.1	334.0	-49.8	99.9	333.9	25.4	11.2	-22.8	305.7	999.9	99.9	999.9	29.0	145.
22.7	81.0	8329.4	326.0	-50.7	99.9	334.7	24.4	10.9	-22.1	306.6	999.9	99.9	999.9	29.6	145.
23.1	82.0	8450.3	320.0	-51.4	99.9	335.6	24.8	10.9	-22.6	307.1	999.9	99.9	999.9	30.2	146.
23.4	83.0	8552.4	315.0	-52.2	99.9	336.2	25.6	10.9	-23.4	307.5	999.9	99.9	999.9	30.7	146.
23.8	84.0	8676.6	309.0	-53.2	99.9	336.6	26.9	10.9	-24.7	307.8	999.9	99.9	999.9	31.3	146.
24.2	85.0	8802.7	303.0	-53.8	99.9	336.5	28.5	11.9	-26.1	308.7	999.9	99.9	999.9	31.9	146.
24.6	86.0	8952.5	296.0	-55.1	99.9	335.8	30.1	12.9	-27.5	308.9	999.9	99.9	999.9	32.6	146.
25.0	87.0	9061.1	291.0	-55.9	99.9	334.9	31.4	13.9	-28.4	309.2	999.9	99.9	999.9	33.3	147.
25.3	88.0	9193.4	285.0	-56.7	99.9	334.8	31.5	13.9	-24.5	309.9	999.9	99.9	999.9	33.9	147.
25.7	89.0	9328.0	279.0	-57.6	99.9	334.7	31.1	13.9	-28.1	310.6	999.9	99.9	999.9	34.7	147.
26.1	90.0	9442.0	274.0	-58.4	99.9	334.5	30.5	13.9	-27.5	310.9	999.9	99.9	999.9	35.4	147.
26.5	91.0	9557.7	269.0	-58.6	99.9	333.7	30.3	13.9	-27.2	312.3	999.9	99.9	999.9	36.1	147.
26.8	92.0	9699.1	263.0	-59.7	99.9	332.4	31.2	14.9	-27.6	312.8	999.9	99.9	999.9	36.6	147.
27.2	93.0	9819.2	258.0	-59.5	99.9	330.4	32.0	15.9	-27.8	314.8	999.9	99.9	999.9	37.4	147.
27.5	94.0	9941.9	253.0	-58.8	99.9	328.6	32.4	16.9	-27.6	317.6	999.9	99.9	999.9	38.0	147.
27.8	95.0	10067.1	248.0	-59.1	99.9	325.9	31.3	17.9	-25.9	318.9	999.9	99.9	999.9	38.7	148.
28.3	96.0	10246.1	241.0	-60.4	99.9	322.0	30.1	18.9	-23.7	319.6	999.9	99.9	999.9	39.6	147.
28.6	97.0	10350.2	237.0	-60.9	99.9	321.1	30.0	18.9	-27.4	320.3	999.9	99.9	999.9	40.0	147.
28.8	98.0	10482.6	232.0	-61.5	99.9	321.9	30.6	18.9	-24.1	321.5	999.9	99.9	999.9	40.3	147.
29.2	99.0	10617.5	227.0	-62.0	99.9	324.6	31.2	18.9	-25.4	322.6	999.9	99.9	999.9	41.1	147.
29.4	100.0	10755.2	222.0	-62.0	99.9	326.5	31.2	17.9	-26.0	324.7	999.9	99.9	999.9	41.6	147.
29.8	101.0	10925.8	216.0	-59.1	99.9	328.7	29.9	15.9	-25.6	331.7	999.9	99.9	999.9	42.4	147.
30.2	102.0	11043.6	212.0	-56.9	99.9	328.6	28.9	15.9	-24.7	337.0	999.9	99.9	999.9	43.0	147.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
1115 GMT

132 60. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
30.6	103.0	11194.9	207.0	-56.6	99.9	326.5	29.2	16.1	-24.4	339.8	999.9	99.9	999.9	43.6	147.
30.9	104.0	11319.5	203.0	-53.6	99.9	324.9	30.6	17.6	-25.0	346.4	999.9	99.9	999.9	44.1	147.
31.3	105.0	11480.5	198.0	-52.1	99.9	324.6	30.6	17.7	-24.9	351.4	999.9	99.9	999.9	44.9	147.
31.7	106.0	11613.2	194.0	-50.2	99.9	325.1	28.0	16.0	-23.0	356.4	999.9	99.9	999.9	45.8	147.
32.0	107.0	11784.2	189.0	-49.0	99.9	325.6	24.6	13.9	-20.3	361.0	999.9	99.9	999.9	46.4	147.
32.4	108.0	11924.3	185.0	-49.9	99.9	322.7	19.9	12.1	-15.9	361.7	999.9	99.9	999.9	46.7	147.
32.7	109.0	12067.0	181.0	-50.8	99.9	318.6	18.2	12.1	-13.7	362.5	999.9	99.9	999.9	47.0	147.
33.1	110.0	12212.1	177.0	-52.1	99.9	312.3	18.0	13.9	-12.1	362.8	999.9	99.9	999.9	47.4	147.
33.6	111.0	12397.0	172.0	-53.6	99.9	307.9	20.2	16.9	-12.4	363.2	999.9	99.9	999.9	47.9	147.
34.0	112.0	12547.9	168.0	-54.8	99.9	307.1	22.1	17.7	-13.4	363.8	999.9	99.9	999.9	48.5	147.
34.3	113.0	12701.9	164.0	-55.2	99.9	308.8	23.6	18.4	-14.7	365.5	999.9	99.9	999.9	48.8	146.
34.8	114.0	12859.6	160.0	-55.1	99.9	311.8	25.6	19.0	-17.0	368.3	999.9	99.9	999.9	49.4	146.
35.2	115.0	13021.2	156.0	-55.2	99.9	313.7	26.0	18.8	-19.0	370.7	999.9	99.9	999.9	50.2	146.
35.7	116.0	13186.8	152.0	-55.7	99.9	314.9	25.3	18.0	-17.9	372.6	999.9	99.9	999.9	51.0	146.
36.1	117.0	13356.3	148.0	-56.7	99.9	315.2	25.2	17.8	-17.9	373.8	999.9	99.9	999.9	51.4	146.
36.6	118.0	13529.9	144.0	-56.9	99.9	315.3	26.8	18.9	-19.1	376.4	999.9	99.9	999.9	52.2	145.
37.1	119.0	13663.4	141.0	-56.2	99.9	314.4	27.5	19.7	-19.3	379.9	999.9	99.9	999.9	53.1	145.
37.5	120.0	13846.5	137.0	-55.7	99.9	312.9	26.8	19.6	-18.2	383.9	999.9	99.9	999.9	53.8	145.
38.0	121.0	13987.6	134.0	-55.4	99.9	312.3	25.6	18.9	-17.2	386.9	999.9	99.9	999.9	54.4	145.
38.4	122.0	14180.9	130.0	-55.4	99.9	313.8	25.1	18.1	-17.4	390.3	999.9	99.9	999.9	55.1	145.
38.9	123.0	14329.7	127.0	-55.7	99.9	317.6	25.0	16.8	-18.5	392.3	999.9	99.9	999.9	55.8	145.
39.4	124.0	14481.9	124.0	-55.9	99.9	322.3	25.5	15.6	-20.2	394.7	999.9	99.9	999.9	56.5	145.
39.8	125.0	14691.1	120.0	-54.8	99.9	324.8	25.1	14.5	-20.5	400.5	999.9	99.9	999.9	57.2	145.
40.4	126.0	14908.0	116.0	-54.6	99.9	326.9	23.1	12.6	-19.3	404.7	999.9	99.9	999.9	58.2	145.
40.8	127.0	15075.4	113.0	-55.4	99.9	327.7	22.3	11.9	-18.8	406.2	999.9	99.9	999.9	58.5	145.
41.4	128.0	15247.0	110.0	-55.6	99.9	328.6	21.9	11.4	-18.7	409.1	999.9	99.9	999.9	59.5	145.
41.8	129.0	15423.0	107.0	-56.1	99.9	328.2	22.0	11.6	-18.7	411.4	999.9	99.9	999.9	59.9	145.
42.4	130.0	15603.8	104.0	-56.1	99.9	326.5	22.9	12.6	-19.1	414.7	999.9	99.9	999.9	60.6	145.
42.9	131.0	15853.2	100.0	-56.1	99.9	324.7	22.8	13.2	-18.6	419.4	999.9	99.9	999.9	61.5	145.
43.4	132.0	16046.7	97.0	-56.6	99.9	320.4	20.7	13.2	-16.0	422.1	999.9	99.9	999.9	62.1	145.
43.7	133.0	16245.8	94.0	-56.9	99.9	315.2	19.0	13.4	-13.5	425.2	999.9	99.9	999.9	62.5	145.
44.3	134.0	16382.0	92.0	-57.1	99.9	309.2	16.6	14.3	-8.3	427.5	999.9	99.9	999.9	63.1	145.
44.7	135.0	16592.0	89.0	-56.7	99.9	293.5	16.4	15.0	-6.5	432.3	999.9	99.9	999.9	63.4	144.
45.4	136.0	16883.3	85.0	-57.1	99.9	298.1	17.5	15.4	-8.2	437.3	999.9	99.9	999.9	63.9	144.
46.1	137.0	17110.8	82.0	-56.7	99.9	306.6	18.0	14.4	-10.7	442.5	999.9	99.9	999.9	64.7	144.
46.8	138.0	17346.9	79.0	-57.1	99.9	304.4	18.6	15.4	-10.5	446.6	999.9	99.9	999.9	65.3	144.
47.5	139.0	17592.1	76.0	-56.9	99.9	307.1	23.7	18.9	-14.3	451.9	999.9	99.9	999.9	66.1	143.
47.9	140.0	17846.5	73.0	-57.9	99.9	313.6	25.6	18.9	-17.7	455.0	999.9	99.9	999.9	66.7	143.
48.5	141.0	18201.5	69.0	-58.3	99.9	327.6	25.8	13.8	-21.8	461.6	999.9	99.9	999.9	68.0	143.
49.1	142.0	18481.2	66.0	-58.4	99.9	999.9	99.9	99.9	99.9	467.2	999.9	99.9	999.9	999.9	999.
49.7	143.0	18773.6	63.0	-58.6	99.9	999.9	99.9	99.9	99.9	473.0	999.9	99.9	999.9	999.9	999.
50.6	144.0	19079.2	60.0	-60.0	99.9	999.9	99.9	99.9	99.9	476.5	999.9	99.9	999.9	999.9	999.

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
1415 GMT

150 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	14.0	966.0	909.6	-18.3	-24.3	270.0	1.5	1.5	0.0	261.9	263.5	0.6	59.0	0.0	0.
0.4	15.0	1046.0	900.0	-13.6	-19.8	999.9	99.9	99.9	99.9	267.6	269.9	0.9	59.3	999.9	999.
0.7	16.0	1148.0	888.0	-13.8	-21.0	999.9	99.9	99.9	99.9	268.4	270.6	0.8	54.3	999.9	999.
0.9	17.0	1234.1	878.0	-13.5	-22.0	999.9	99.9	99.9	99.9	269.6	271.5	0.7	44.9	999.9	999.
1.2	18.0	1321.3	868.0	-13.4	-23.5	999.9	99.9	99.9	99.9	270.6	272.4	0.7	41.9	999.9	999.
1.5	19.0	1409.4	858.0	-14.1	-24.3	999.9	99.9	99.9	99.9	270.8	272.5	0.6	41.5	999.9	999.
1.8	20.0	1498.4	848.0	-14.3	-24.6	999.9	99.9	99.9	99.9	271.4	273.1	0.6	41.3	999.9	999.
2.2	21.0	1606.4	836.0	-14.8	-25.2	316.4	9.5	6.6	-5.9	272.0	273.7	0.6	40.5	0.5	143.
2.5	22.0	1688.2	827.0	-15.2	-25.6	316.3	14.0	9.7	-10.2	272.4	274.1	0.6	40.3	0.7	142.
2.8	23.0	1780.2	817.0	-15.3	-26.6	317.3	16.7	11.3	-12.3	273.2	274.7	0.5	37.2	1.0	140.
3.1	24.0	1873.1	807.0	-15.7	-27.5	318.8	19.1	12.6	-14.4	273.8	275.2	0.5	35.5	1.4	139.
3.4	25.0	1957.7	798.0	-15.9	-31.3	321.3	21.0	13.1	-16.4	274.5	275.5	0.3	24.9	1.7	139.
3.8	26.0	2071.9	786.0	-15.7	-36.8	320.9	22.2	14.0	-17.2	275.8	276.4	0.2	14.2	2.3	140.
4.1	27.0	2158.9	777.0	-15.2	-36.4	319.0	22.9	15.0	-17.3	277.3	278.0	0.2	14.2	2.7	140.
4.5	28.0	2247.0	768.0	-14.6	-36.4	314.4	24.4	17.4	-17.1	278.8	279.5	0.2	13.6	3.2	140.
4.7	29.0	2336.3	759.0	-14.8	-36.9	313.9	23.9	17.2	-16.6	279.6	280.3	0.2	13.1	3.5	139.
5.0	30.0	2436.7	749.0	-14.8	-32.3	313.1	23.2	16.9	-15.9	280.7	281.7	0.3	20.7	4.0	138.
5.3	31.0	2528.2	740.0	-14.6	-30.3	314.8	22.6	16.0	-15.9	281.8	283.1	0.4	24.8	4.3	138.
5.7	32.0	2620.7	731.0	-15.5	-27.9	317.4	23.4	15.8	-17.2	281.9	283.5	0.5	33.3	4.9	138.
5.9	33.0	2714.1	722.0	-16.1	-23.6	319.7	24.5	16.2	-13.4	282.2	284.5	0.8	52.5	5.2	138.
6.2	34.0	2808.6	713.0	-16.1	-21.9	319.8	25.4	16.4	-19.4	283.2	285.9	0.9	61.0	5.6	138.
6.5	35.0	2904.3	704.0	-16.4	-24.5	320.5	26.0	16.5	-20.0	283.9	286.1	0.7	49.5	6.1	138.
6.8	36.0	3011.9	694.0	-16.3	-39.6	322.7	25.9	15.7	-20.6	285.2	285.7	0.2	11.3	6.6	138.
7.1	37.0	3110.0	685.0	-16.7	-41.8	324.6	25.7	14.9	-21.0	285.8	286.2	0.1	9.2	7.0	139.
7.4	38.0	3209.4	676.0	-16.8	-27.9	326.1	25.4	14.2	-21.1	286.7	288.5	0.6	39.4	7.5	139.
7.7	39.0	3298.6	668.0	-17.8	-25.1	327.1	25.0	13.6	-21.0	286.7	288.9	0.7	52.4	8.0	140.
8.0	40.0	3400.0	659.0	-18.5	-24.3	327.8	24.7	13.1	-20.9	287.0	289.4	0.8	60.0	8.4	140.
8.4	41.0	3513.9	649.0	-19.5	-24.7	327.9	24.8	13.2	-21.0	287.1	289.4	0.8	63.3	8.9	141.
8.7	42.0	3605.9	641.0	-20.6	-25.3	327.5	25.4	13.7	-21.4	286.9	289.1	0.8	65.8	9.4	141.
9.0	43.0	3710.3	632.0	-21.6	-25.8	327.0	26.3	14.3	-22.1	286.9	289.1	0.7	68.6	9.8	141.
9.4	44.0	3815.9	623.0	-22.5	-25.5	326.1	27.8	15.5	-23.1	287.1	289.3	0.8	76.3	10.4	142.
9.7	45.0	3910.7	615.0	-22.9	-25.3	325.9	28.2	15.8	-23.4	287.7	290.0	0.8	80.7	11.0	142.
9.9	46.0	4006.7	607.0	-23.3	-25.2	325.9	28.3	15.9	-23.5	288.3	290.7	0.8	84.4	11.4	142.
10.2	47.0	4103.8	599.0	-23.4	-25.7	326.4	27.9	15.5	-23.3	289.2	291.6	0.8	81.4	11.9	142.
10.5	48.0	4202.1	591.0	-23.8	-26.2	327.2	27.3	14.8	-22.9	289.9	292.1	0.8	80.6	12.4	142.
10.8	49.0	4301.7	583.0	-23.7	-26.2	327.7	27.0	14.4	-22.8	291.2	293.5	0.8	79.3	12.9	142.
11.1	50.0	4402.6	575.0	-24.2	-27.3	327.9	26.9	14.3	-22.8	291.7	293.8	0.7	75.2	13.3	143.
11.6	51.0	4530.5	565.0	-24.6	-28.4	326.4	27.1	15.0	-22.6	292.7	294.6	0.6	70.2	14.1	143.
11.8	52.0	4621.2	558.0	-25.3	-30.5	325.3	27.0	15.3	-22.2	292.9	294.6	0.5	61.5	14.5	143.
12.1	53.0	4726.0	550.0	-25.5	-34.9	323.6	26.7	15.8	-21.5	293.8	294.9	0.4	40.7	15.0	143.
12.4	54.0	4832.3	542.0	-25.7	-39.9	321.7	26.2	16.3	-20.6	294.9	295.6	0.2	24.8	15.5	143.
12.8	55.0	4926.4	535.0	-26.2	-41.6	319.4	26.5	17.2	-20.1	295.3	295.9	0.2	21.7	16.0	143.
13.1	56.0	5062.9	525.0	-26.3	-50.2	318.2	27.0	18.0	-20.1	296.7	297.0	0.1	8.4	16.4	143.
13.4	57.0	5159.8	518.0	-27.0	-50.6	317.5	27.6	18.7	-20.4	297.1	297.3	0.1	8.5	17.0	143.
13.7	58.0	5257.7	511.0	-28.0	-51.3	317.7	27.8	18.7	-20.5	297.0	297.2	0.1	8.7	17.6	142.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
1415 GMT

150 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COM M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
13.9	59.0	5370.8	503.0	-28.8	-51.8	318.0	27.8	18.6	-20.7	297.4	297.6	0.1	8.8	17.9	142.
14.3	60.0	5471.0	496.0	-29.5	-51.7	319.5	27.4	17.8	-20.8	297.7	298.0	0.1	9.4	18.5	142.
14.6	61.0	5586.9	488.0	-30.1	-52.2	320.9	27.1	17.1	-21.0	298.3	298.5	0.1	9.5	19.0	142.
14.9	62.0	5689.5	481.0	-31.0	-47.5	322.2	26.9	16.5	-21.2	298.4	298.8	0.1	17.9	19.5	142.
15.1	63.0	5793.3	474.0	-31.7	-41.5	323.0	26.8	16.1	-21.4	298.9	299.6	0.2	36.7	19.9	142.
15.5	64.0	5898.4	467.0	-32.6	-42.6	324.5	27.0	15.7	-22.0	299.0	299.6	0.2	35.7	20.4	142.
15.8	65.0	6004.8	460.0	-32.8	-43.1	324.7	27.2	15.7	-22.2	300.1	300.8	0.2	34.5	20.9	142.
16.1	66.0	6128.1	452.0	-33.4	-44.2	324.5	27.2	15.8	-22.1	300.8	301.4	0.2	32.6	21.5	142.
16.5	67.0	6237.6	445.0	-34.1	-46.1	323.2	26.9	16.1	-21.5	301.3	301.8	0.1	28.0	22.1	143.
16.8	68.0	6348.4	438.0	-34.9	-47.8	322.2	27.0	16.6	-21.4	301.7	302.1	0.1	25.0	22.6	142.
17.1	69.0	6460.7	431.0	-35.5	-48.4	321.5	27.4	17.1	-21.5	302.2	302.6	0.1	25.1	23.0	142.
17.5	70.0	6558.1	425.0	-36.7	-48.5	321.4	28.6	17.9	-22.4	301.9	302.3	0.1	27.8	23.6	142.
17.8	71.0	6705.9	416.0	-37.9	-49.4	321.6	29.0	18.0	-22.7	302.2	302.6	0.1	28.5	24.2	142.
18.2	72.0	6805.9	410.0	-38.7	-50.3	321.8	28.7	17.8	-22.6	302.5	302.8	0.1	27.9	25.0	142.
18.5	73.0	6923.8	403.0	-39.8	-50.5	321.9	27.9	17.2	-21.9	302.5	302.9	0.1	30.3	25.5	142.
18.9	74.0	7026.1	397.0	-40.9	99.9	321.7	27.0	16.7	-21.2	302.5	999.9	99.9	999.9	26.1	142.
19.3	75.0	7129.5	391.0	-42.0	99.9	321.0	27.5	17.3	-21.3	302.4	999.9	99.9	999.9	26.7	142.
19.6	76.0	7251.5	384.0	-43.1	99.9	320.5	28.4	18.1	-21.9	302.5	999.9	99.9	999.9	27.2	142.
19.9	77.0	7357.4	378.0	-44.1	99.9	320.0	29.9	19.2	-22.9	302.6	999.9	99.9	999.9	27.8	142.
20.2	78.0	7464.6	372.0	-44.8	99.9	320.1	31.3	20.1	-24.0	303.0	999.9	99.9	999.9	28.3	142.
20.6	79.0	7573.1	366.0	-45.8	99.9	320.6	32.9	20.9	-25.4	303.1	999.9	99.9	999.9	29.0	142.
20.9	80.0	7683.0	360.0	-46.9	99.9	321.5	33.6	21.0	-26.3	303.1	999.9	99.9	999.9	29.6	142.
21.4	81.0	7831.5	352.0	-48.0	99.9	322.6	32.9	20.0	-26.1	303.5	999.9	99.9	999.9	30.8	142.
21.6	82.0	7944.7	346.0	-48.9	99.9	322.6	32.3	19.6	-25.6	303.8	999.9	99.9	999.9	31.2	142.
22.0	83.0	8059.4	340.0	-49.5	99.9	321.9	30.8	19.0	-24.2	304.5	999.9	99.9	999.9	31.9	142.
22.4	84.0	8156.2	335.0	-50.6	99.9	319.8	31.5	20.3	-24.1	304.4	999.9	99.9	999.9	32.5	142.
22.7	85.0	8273.8	329.0	-51.5	99.9	318.6	32.9	21.8	-24.7	304.7	999.9	99.9	999.9	33.1	142.
23.2	86.0	8413.3	322.0	-52.1	99.9	317.8	35.8	24.0	-26.5	305.7	999.9	99.9	999.9	34.2	142.
23.5	87.0	8535.0	316.0	-52.4	99.9	317.9	37.2	25.0	-27.6	306.9	999.9	99.9	999.9	34.8	142.
23.8	88.0	8638.0	311.0	-52.8	99.9	317.8	37.8	25.4	-28.0	307.7	999.9	99.9	999.9	35.6	142.
24.3	89.0	8763.6	305.0	-53.5	99.9	317.3	38.9	26.4	-28.6	308.6	999.9	99.9	999.9	36.6	142.
24.7	90.0	8869.7	300.0	-54.6	99.9	316.8	40.0	27.4	-29.1	308.5	999.9	99.9	999.9	37.6	142.
25.0	91.0	8977.2	295.0	-55.0	99.9	316.5	40.9	28.1	-29.7	309.3	999.9	99.9	999.9	38.4	142.
25.4	92.0	9108.3	289.0	-55.5	99.9	317.5	42.0	28.4	-31.0	310.4	999.9	99.9	999.9	39.3	141.
25.7	93.0	9219.4	284.0	-56.3	99.9	318.5	43.1	28.6	-32.3	310.8	999.9	99.9	999.9	40.1	141.
26.0	94.0	9354.7	278.0	-57.1	99.9	319.5	44.4	28.8	-33.7	311.5	999.9	99.9	999.9	40.9	141.
26.3	95.0	9469.4	273.0	-57.8	99.9	319.4	45.5	29.6	-34.6	312.2	999.9	99.9	999.9	41.6	141.
26.7	96.0	9609.2	267.0	-58.8	99.9	318.6	45.9	30.3	-34.4	312.7	999.9	99.9	999.9	42.8	141.
27.0	97.0	9727.8	262.0	-59.2	99.9	317.5	45.2	30.6	-33.3	313.9	999.9	99.9	999.9	43.8	141.
27.4	98.0	9848.5	257.0	-59.5	99.9	316.7	41.8	28.6	-30.4	315.1	999.9	99.9	999.9	44.8	141.
27.7	99.0	9971.2	252.0	-60.2	99.9	317.2	39.5	26.1	-29.0	315.9	999.9	99.9	999.9	45.5	141.
28.1	100.0	10071.0	248.0	-60.0	99.9	319.0	37.5	24.4	-28.3	317.6	999.9	99.9	999.9	46.4	141.
28.5	101.0	10223.8	242.0	-60.4	99.9	321.1	37.9	23.9	-29.5	319.3	999.9	99.9	999.9	47.1	141.
28.9	102.0	10354.1	237.0	-59.9	99.9	321.5	40.2	25.0	-31.4	322.0	999.9	99.9	999.9	48.1	141.
29.3	103.0	10487.3	232.0	-59.7	99.9	321.6	41.1	25.5	-32.2	324.2	999.9	99.9	999.9	49.1	141.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 664  
RAPID CITY, S D

6 FEBRUARY 1975  
1415 GMT

150 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
09.7	104.0	10623.9	227.0	-58.7	99.9	322.2	39.9	24.5	-31.6	327.8	999.9	99.9	999.9	50.2	141.
10.0	105.0	10735.8	223.0	-57.8	99.9	323.2	37.7	22.4	-30.2	330.8	999.9	99.9	999.9	51.0	141.
10.3	106.0	10879.4	218.0	-56.3	99.9	324.4	35.0	20.4	-28.4	335.2	999.9	99.9	999.9	51.6	141.
10.7	107.0	10957.3	214.0	-55.2	99.9	325.2	32.5	18.6	-26.7	338.8	999.9	99.9	999.9	52.3	141.
11.0	108.0	11148.6	209.0	-54.1	99.9	325.0	31.6	18.1	-25.9	342.8	999.9	99.9	999.9	52.6	141.
11.4	109.0	11272.5	205.0	-54.4	99.9	324.0	32.0	18.8	-25.9	344.2	999.9	99.9	999.9	53.7	141.
11.7	110.0	11430.9	200.0	-53.9	99.9	323.8	32.4	19.1	-25.1	347.4	999.9	99.9	999.9	54.2	141.
12.2	111.0	11593.2	195.0	-54.6	99.9	324.7	32.5	18.8	-25.5	348.9	999.9	99.9	999.9	55.1	141.
12.6	112.0	11725.9	191.0	-54.7	99.9	325.9	31.6	17.7	-26.1	350.7	999.9	99.9	999.9	56.1	141.
13.0	113.0	11861.9	187.0	-53.0	99.9	326.3	29.7	16.5	-24.7	355.6	999.9	99.9	999.9	56.8	141.
13.5	114.0	12001.3	183.0	-53.0	99.9	323.4	28.4	16.9	-22.8	357.8	999.9	99.9	999.9	57.5	141.
13.9	115.0	12143.8	179.0	-53.1	99.9	321.4	28.5	17.8	-22.3	359.9	999.9	99.9	999.9	58.2	141.
14.4	116.0	12326.6	174.0	-52.4	99.9	321.1	26.9	16.9	-20.9	364.1	999.9	99.9	999.9	59.1	141.
14.8	117.0	12477.2	170.0	-51.9	99.9	320.8	23.4	14.4	-18.2	367.3	999.9	99.9	999.9	59.8	141.
15.3	118.0	12631.3	166.0	-52.4	99.9	316.8	19.5	13.4	-14.2	369.0	999.9	99.9	999.9	60.4	141.
15.6	119.0	12749.1	163.0	-53.1	99.9	312.6	18.6	13.7	-12.6	369.6	999.9	99.9	999.9	60.6	141.
16.0	120.0	12909.1	159.0	-53.5	99.9	307.4	19.8	15.7	-12.1	371.7	999.9	99.9	999.9	60.9	141.
16.5	121.0	13072.8	155.0	-54.1	99.9	306.8	24.2	19.3	-14.5	373.4	999.9	99.9	999.9	61.8	141.
16.8	122.0	13197.8	152.0	-55.5	99.9	307.0	27.6	22.4	-15.6	373.0	999.9	99.9	999.9	62.0	141.
17.3	123.0	13367.4	148.0	-56.5	99.9	307.4	32.8	26.1	-20.0	374.2	999.9	99.9	999.9	63.0	141.
17.7	124.0	13497.4	145.0	-56.5	99.9	308.6	35.2	27.5	-21.9	376.4	999.9	99.9	999.9	63.9	141.
18.2	125.0	13674.9	141.0	-56.7	99.9	311.9	34.3	25.6	-22.9	379.1	999.9	99.9	999.9	64.9	140.
18.9	126.0	13858.0	137.0	-55.0	99.9	318.3	27.3	18.2	-20.4	385.1	999.9	99.9	999.9	66.3	140.
19.4	127.0	14047.4	133.0	-54.9	99.9	321.9	21.6	13.3	-17.0	388.7	999.9	99.9	999.9	67.2	140.
19.9	128.0	14193.1	130.0	-55.4	99.9	324.8	20.0	11.5	-16.4	390.4	999.9	99.9	999.9	67.4	140.
20.4	129.0	14342.3	127.0	-54.9	99.9	326.6	22.0	12.1	-18.3	393.9	999.9	99.9	999.9	68.1	140.
20.8	130.0	14495.4	124.0	-53.9	99.9	325.9	23.3	13.1	-19.3	398.3	999.9	99.9	999.9	68.8	140.
21.4	131.0	14705.7	120.0	-54.6	99.9	322.8	23.8	14.4	-19.0	400.9	999.9	99.9	999.9	69.4	141.
21.7	132.0	14867.5	117.0	-55.4	99.9	322.6	23.6	14.3	-18.7	402.3	999.9	99.9	999.9	70.0	141.
22.2	133.0	15089.3	113.0	-55.5	99.9	324.8	23.3	13.4	-19.0	406.0	999.9	99.9	999.9	70.8	141.
22.7	134.0	15260.4	110.0	-56.7	99.9	328.5	24.2	12.6	-20.6	407.0	999.9	99.9	999.9	71.3	141.
23.2	135.0	15435.8	107.0	-56.5	99.9	330.8	26.1	12.7	-22.8	410.6	999.9	99.9	999.9	72.1	141.
23.8	136.0	15616.8	104.0	-55.4	99.9	331.8	26.5	12.5	-23.3	416.1	999.9	99.9	999.9	73.1	141.
24.4	137.0	15867.0	100.0	-55.4	99.9	328.6	23.4	12.4	-20.0	420.8	999.9	99.9	999.9	74.2	141.
25.0	138.0	16061.3	97.0	-55.4	99.9	321.6	20.8	12.9	-16.3	424.5	999.9	99.9	999.9	74.5	141.
25.6	139.0	16329.9	93.0	-55.5	99.9	317.5	17.0	12.8	-14.0	429.3	999.9	99.9	999.9	75.7	141.
26.1	140.0	16538.8	90.0	-55.7	99.9	310.7	17.4	13.2	-11.3	433.0	999.9	99.9	999.9	76.0	141.
26.7	141.0	16827.8	86.0	-56.7	99.9	301.4	19.0	16.2	-7.9	436.7	999.9	99.9	999.9	76.6	141.
27.2	142.0	17052.8	83.0	-57.0	99.9	300.8	20.4	17.5	-10.4	440.5	999.9	99.9	999.9	77.2	141.
27.8	143.0	17285.7	80.0	-57.3	99.9	304.0	19.6	16.3	-11.0	444.5	999.9	99.9	999.9	77.9	141.
28.5	144.0	17527.0	77.0	-58.0	99.9	304.6	20.1	16.5	-11.4	448.0	999.9	99.9	999.9	78.8	140.
29.1	145.0	17777.1	74.0	-58.7	99.9	302.4	21.0	17.8	-11.3	451.7	999.9	99.9	999.9	79.3	140.
29.8	146.0	18126.5	70.0	-58.3	99.9	303.9	17.2	14.4	-9.6	459.6	999.9	99.9	999.9	80.4	140.
30.7	147.0	18402.1	67.0	-58.3	99.9	312.6	19.6	14.4	-13.3	465.4	999.9	99.9	999.9	80.9	140.
31.2	148.0	18690.1	64.0	-58.8	99.9	313.8	22.7	16.4	-15.7	470.5	999.9	99.9	999.9	81.8	140.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
1415 GMT

150 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
51.8	149.0	18991.0	61.0	-59.5	99.9	315.8	20.8	14.5	-14.9	475.4	999.9	99.9	999.9	82.7	140.
52.6	150.0	19206.6	58.0	-59.5	99.9	316.7	14.4	9.8	-10.4	482.3	999.9	99.9	999.9	83.4	140.
53.2	151.0	19638.4	55.0	-60.2	99.9	317.1	12.7	8.7	-9.3	488.1	999.9	99.9	999.9	83.9	140.
53.9	152.0	19987.8	52.0	-60.7	99.9	317.6	17.9	12.0	-13.2	494.8	999.9	99.9	999.9	84.0	140.
54.7	153.0	20358.6	49.0	-59.5	99.9	311.2	20.8	15.6	-13.7	506.2	999.9	99.9	999.9	85.7	140.
55.5	154.0	20618.9	47.0	-60.4	99.9	308.6	14.7	11.5	-9.2	510.2	999.9	99.9	999.9	86.4	139.
56.4	155.0	21028.0	44.0	-62.4	99.9	307.3	14.5	11.6	-8.8	515.1	999.9	99.9	999.9	86.9	139.
57.3	156.0	21464.4	41.0	-62.0	99.9	315.3	19.6	13.8	-14.0	526.5	999.9	99.9	999.9	88.0	139.
58.2	157.0	21934.0	38.0	-62.4	99.9	322.0	21.7	13.1	-17.1	537.1	999.9	99.9	999.9	88.9	139.
59.2	158.0	22441.8	35.0	-62.4	99.9	324.1	24.3	14.2	-17.7	549.9	999.9	99.9	999.9	90.6	139.
60.3	159.0	22993.0	32.0	-64.0	99.9	344.8	9.8	2.6	-7.4	559.7	999.9	99.9	999.9	91.8	139.
61.6	160.0	23595.7	29.0	-64.2	99.9	329.4	24.9	11.7	-21.5	575.2	999.9	99.9	999.9	92.6	140.
62.9	161.0	24264.3	26.0	-64.0	99.9	334.8	24.7	10.9	-22.3	593.9	999.9	99.9	999.9	94.6	140.
64.6	162.0	25010.0	23.0	-67.0	99.9	999.9	99.9	99.9	99.9	606.5	999.9	99.9	999.9	999.9	999.
65.9	163.0	25860.2	20.0	-64.0	99.9	999.9	99.9	99.9	99.9	640.2	999.9	99.9	999.9	999.9	999.

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
1715 GMT

151 26. 0

TIME HIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	14.4	966.0	908.9	-13.3	-21.5	110.0	1.5	-1.4	0.5	267.1	269.2	0.8	50.0	0.0	0.
0.2	15.0	1007.2	904.0	-12.9	-22.7	999.9	99.9	99.9	99.9	268.0	269.9	0.7	43.4	999.9	999.
0.6	16.0	1109.2	892.0	-12.6	-22.3	999.9	99.9	99.9	99.9	269.3	271.3	0.7	43.7	999.9	999.
0.8	17.0	1195.2	882.0	-13.0	-22.7	999.9	99.9	99.9	99.9	269.7	271.7	0.7	43.7	999.9	999.
1.0	18.0	1282.0	872.0	-13.9	-23.3	999.9	99.9	99.9	99.9	269.7	271.6	0.7	44.5	999.9	999.
1.3	19.0	1361.1	863.0	-11.5	-26.1	999.9	99.9	99.9	99.9	273.0	274.5	0.5	28.5	999.9	999.
1.6	20.0	1450.7	853.0	-10.6	-26.4	999.9	99.9	99.9	99.9	274.8	276.3	0.5	25.8	999.9	999.
1.9	21.0	1550.4	842.0	-10.9	-28.5	999.9	99.9	99.9	99.9	275.5	276.8	0.4	21.7	999.9	999.
2.1	22.0	1642.1	832.0	-11.6	-30.2	999.9	99.9	99.9	99.9	275.7	276.8	0.4	19.6	999.9	999.
2.4	23.0	1725.4	823.0	-12.0	-31.7	999.9	99.9	99.9	99.9	276.1	277.1	0.3	18.7	999.9	999.
2.7	24.0	1809.4	814.0	-12.9	-32.0	316.5	17.8	12.1	-12.9	276.1	277.0	0.3	18.3	1.2	129.
2.9	25.0	1903.6	804.0	-13.0	-33.2	319.2	18.2	11.4	-13.7	276.9	277.8	0.3	16.4	1.4	130.
3.3	26.0	2008.5	793.0	-13.6	-35.6	322.0	20.4	12.4	-16.1	277.4	278.1	0.2	13.5	1.8	133.
3.6	27.0	2095.3	784.0	-13.6	-35.2	321.9	22.3	13.7	-17.5	278.3	279.0	0.2	14.1	2.2	135.
3.9	28.0	2183.0	775.0	-14.0	-35.5	319.4	23.8	15.5	-18.1	278.8	279.5	0.2	14.1	2.6	136.
4.0	29.0	2271.6	766.0	-14.4	-36.2	318.7	24.3	16.7	-18.3	279.3	279.9	0.2	13.7	2.8	136.
4.4	30.0	2361.2	757.0	-14.7	-36.8	316.5	24.1	16.5	-17.5	279.9	280.6	0.2	13.2	3.3	136.
4.6	31.0	2451.7	748.0	-15.0	-37.3	315.8	24.3	16.9	-17.4	280.6	281.2	0.2	12.7	3.6	136.
4.9	32.0	2543.1	739.0	-15.5	-37.7	315.4	25.0	17.6	-17.8	280.9	281.5	0.2	12.8	4.1	136.
5.2	33.0	2635.5	730.0	-16.2	-37.5	316.6	25.3	17.4	-18.4	281.2	281.8	0.2	13.9	4.5	136.
5.5	34.0	2718.4	722.0	-16.5	-37.7	318.6	25.4	16.1	-17.1	281.7	282.4	0.2	13.9	5.0	136.
5.8	35.0	2812.6	713.0	-16.9	-26.5	320.2	24.7	15.9	-19.0	282.3	284.2	0.6	43.0	5.4	136.
6.2	36.0	2929.1	702.0	-18.1	-25.9	321.0	24.5	15.4	-17.1	282.3	284.3	0.7	52.4	6.0	137.
6.5	37.0	3014.8	694.0	-18.0	-30.2	320.7	24.9	15.8	-19.3	283.3	284.6	0.4	33.3	6.4	137.
6.8	38.0	3112.5	685.0	-17.2	-39.3	321.5	25.1	15.7	-19.6	285.2	285.8	0.2	12.5	6.9	137.
7.1	39.0	3200.6	677.0	-17.3	-39.4	322.4	25.3	15.4	-20.0	286.0	286.6	0.2	12.5	7.4	137.
7.4	40.0	3289.5	669.0	-18.0	-35.3	323.2	25.5	15.3	-20.4	286.3	287.1	0.3	20.2	7.8	138.
7.8	41.0	3402.0	659.0	-18.4	-33.1	323.6	26.0	15.4	-20.9	287.0	288.1	0.4	25.9	8.4	138.
8.0	42.0	3504.6	650.0	-18.9	-33.5	323.8	26.2	15.5	-21.2	287.6	288.6	0.3	25.9	8.8	139.
8.3	43.0	3585.1	643.0	-19.3	-31.5	323.6	27.1	16.1	-21.8	288.0	289.3	0.4	32.8	9.2	139.
8.7	44.0	3689.8	634.0	-20.2	-31.0	323.5	28.3	16.1	-22.7	288.2	289.6	0.5	37.2	9.8	139.
8.9	45.0	3783.8	626.0	-20.7	-26.4	323.5	28.8	17.1	-23.2	288.7	290.8	0.7	60.0	10.2	139.
9.1	46.0	3878.9	618.0	-21.4	-24.4	323.5	29.0	17.1	-23.3	289.0	291.6	0.9	76.3	10.6	139.
9.5	47.0	3974.9	610.0	-22.2	-23.1	323.4	28.7	17.1	-23.0	289.2	292.1	1.0	92.3	11.3	140.
9.8	48.0	4071.9	602.0	-22.7	-23.3	323.4	27.4	15.4	-22.0	289.7	292.5	1.0	94.8	11.8	140.
10.0	49.0	4169.9	594.0	-23.2	-24.7	323.3	26.6	15.9	-21.3	290.1	292.7	0.9	87.9	12.2	140.
10.4	50.0	4269.1	586.0	-23.9	-26.9	323.3	24.9	14.9	-20.0	290.5	292.6	0.7	75.9	12.7	140.
10.7	51.0	4382.0	577.0	-24.8	-28.5	323.0	24.2	14.1	-17.3	290.7	292.6	0.6	71.1	13.1	140.
11.0	52.0	4483.4	569.0	-25.4	-33.7	322.6	23.6	14.4	-19.8	291.2	292.4	0.4	45.5	13.6	140.
11.3	53.0	4573.3	562.0	-25.6	-37.0	321.7	23.6	14.6	-19.5	291.9	292.8	0.3	33.3	14.0	140.
11.7	54.0	4677.2	554.0	-25.5	-42.1	320.4	23.7	15.1	-18.2	293.2	293.8	0.2	19.2	14.6	140.
12.0	55.0	4782.7	546.0	-25.6	-42.4	319.2	23.9	15.6	-18.1	294.3	294.8	0.2	18.8	15.0	140.
12.4	56.0	4903.2	537.0	-26.0	-43.0	317.5	24.7	16.7	-18.2	295.2	295.7	0.2	18.4	15.6	140.
12.7	57.0	4998.1	530.0	-26.0	-42.9	316.4	25.4	17.4	-18.4	296.3	296.9	0.2	18.9	16.0	140.
13.0	58.0	5094.3	523.0	-26.7	-41.9	315.5	26.2	18.6	-18.7	296.6	297.2	0.2	21.9	16.5	140.

- \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
- \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
- \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
1715 GMT

151 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SFC	U COMP M/SFC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
13.2	59.0	5191.4	516.0	-27.5	-38.6	315.1	26.4	18.6	-13.7	296.8	297.7	0.3	33.6	16.8	140.
13.6	60.0	5303.7	508.0	-28.4	-37.6	314.5	26.3	18.1	-13.5	297.0	298.0	0.3	40.7	17.5	140.
13.9	61.0	5403.0	501.0	-29.2	-37.5	314.3	25.5	18.3	-17.8	297.3	298.2	0.3	44.1	18.0	140.
14.1	62.0	5503.6	494.0	-29.9	-40.3	314.2	24.8	17.7	-17.3	298.8	299.5	0.2	32.3	18.3	140.
14.4	63.0	5605.6	487.0	-29.6	-41.7	314.3	23.5	16.8	-16.5	299.2	299.8	0.2	29.5	18.7	139.
14.8	64.0	5708.7	480.0	-30.4	-42.7	314.7	22.6	16.1	-15.9	299.4	300.1	0.2	29.5	19.2	139.
15.0	65.0	5813.0	473.0	-31.0	-42.7	314.9	22.2	15.7	-15.7	299.9	300.5	0.2	30.4	19.4	139.
15.3	66.0	5933.7	465.0	-32.2	-43.6	314.9	22.7	16.1	-16.0	299.9	300.4	0.2	31.0	19.9	139.
15.7	67.0	6040.6	458.0	-32.9	-43.7	314.9	23.7	16.8	-16.7	300.3	300.9	0.2	32.6	20.4	139.
16.0	68.0	6148.8	451.0	-33.7	-44.5	314.9	24.7	17.5	-17.4	300.6	301.2	0.2	32.4	20.8	139.
16.3	69.0	6258.3	444.0	-34.6	-43.6	315.2	25.8	18.1	-18.3	300.8	301.4	0.2	39.1	21.3	139.
16.6	70.0	6353.2	438.0	-35.4	-43.9	315.7	26.8	18.7	-19.2	301.0	301.6	0.2	41.4	21.8	139.
16.9	71.0	6481.3	430.0	-36.4	-44.5	316.7	28.0	19.2	-20.4	301.4	301.9	0.2	42.5	22.2	139.
17.2	72.0	6594.9	423.0	-37.3	-45.7	317.6	29.2	19.7	-21.6	301.6	302.1	0.1	40.7	22.7	139.
17.6	73.0	6693.4	417.0	-38.3	-46.5	318.5	30.6	20.3	-22.9	301.6	302.1	0.1	41.2	23.4	139.
17.8	74.0	6809.7	410.0	-39.1	-46.7	318.4	30.8	20.4	-23.0	302.0	302.5	0.1	44.1	23.9	139.
18.1	75.0	6910.5	404.0	-40.2	99.9	318.1	30.8	20.5	-22.9	301.9	999.9	99.9	999.9	24.5	139.
18.5	76.0	7012.4	398.0	-41.0	99.9	316.8	30.2	20.7	-22.0	302.1	999.9	99.9	999.9	25.1	139.
18.8	77.0	7115.5	392.0	-42.1	99.9	315.2	30.0	20.1	-21.7	302.0	999.9	99.9	999.9	25.7	139.
19.1	78.0	7219.6	386.0	-43.1	99.9	316.0	29.9	20.8	-21.5	302.0	999.9	99.9	999.9	26.2	138.
19.4	79.0	7342.7	379.0	-44.0	99.9	316.4	29.9	20.6	-21.7	302.5	999.9	99.9	999.9	26.8	138.
19.8	80.0	7449.7	373.0	-44.5	99.9	317.0	30.0	20.4	-21.9	303.1	999.9	99.9	999.9	27.5	138.
20.2	81.0	7576.2	366.0	-45.8	99.9	317.2	30.5	20.7	-22.4	303.0	999.9	99.9	999.9	28.2	138.
20.5	82.0	7686.1	360.0	-46.6	99.9	317.2	31.2	21.7	-22.9	303.5	999.9	99.9	999.9	28.8	138.
20.9	83.0	7797.4	354.0	-47.6	99.9	317.0	32.5	22.7	-23.8	303.6	999.9	99.9	999.9	29.4	138.
21.2	84.0	7891.1	349.0	-48.8	99.9	316.8	33.0	22.6	-24.1	303.2	999.9	99.9	999.9	30.1	138.
21.5	85.0	8005.0	343.0	-49.1	99.9	316.7	33.2	22.8	-24.2	304.3	999.9	99.9	999.9	30.9	138.
22.0	86.0	8139.9	336.0	-50.6	99.9	316.6	32.7	22.4	-23.7	304.1	999.9	99.9	999.9	31.7	138.
22.3	87.0	8257.1	330.0	-51.7	99.9	316.6	33.0	22.7	-23.9	304.1	999.9	99.9	999.9	32.3	138.
22.7	88.0	8355.9	325.0	-52.8	99.9	316.5	34.2	23.5	-24.8	304.0	999.9	99.9	999.9	33.1	138.
23.0	89.0	8476.0	319.0	-53.5	99.9	316.5	35.7	24.6	-25.9	304.5	999.9	99.9	999.9	33.7	138.
23.3	90.0	8577.4	314.0	-54.5	99.9	316.6	37.7	25.9	-27.4	304.5	999.9	99.9	999.9	34.3	138.
23.7	91.0	8700.7	308.0	-55.3	99.9	316.8	39.4	27.0	-29.7	305.1	999.9	99.9	999.9	35.3	138.
24.0	92.0	8825.9	302.0	-56.3	99.9	316.9	39.9	27.3	-29.2	305.4	999.9	99.9	999.9	36.1	138.
24.4	93.0	8931.7	297.0	-57.3	99.9	316.9	38.6	26.5	-28.2	305.4	999.9	99.9	999.9	37.1	138.
24.7	94.0	9038.8	292.0	-58.4	99.9	316.7	38.5	26.4	-28.0	305.4	999.9	99.9	999.9	37.7	138.
25.0	95.0	9147.3	287.0	-58.9	99.9	316.4	38.7	25.7	-28.0	306.2	999.9	99.9	999.9	38.2	138.
25.4	96.0	9301.9	280.0	-60.0	99.9	316.4	40.8	28.1	-29.6	306.8	999.9	99.9	999.9	39.2	138.
25.7	97.0	9414.2	275.0	-60.7	99.9	316.9	41.3	28.1	-30.1	307.4	999.9	99.9	999.9	40.1	138.
26.0	98.0	9528.3	270.0	-61.2	99.9	317.5	41.1	27.4	-30.3	308.2	999.9	99.9	999.9	41.0	138.
26.4	99.0	9644.8	265.0	-59.4	99.9	318.6	38.4	25.4	-29.8	312.5	999.9	99.9	999.9	41.8	138.
26.8	100.0	9740.1	261.0	-59.1	99.9	319.1	36.7	24.7	-27.8	314.4	999.9	99.9	999.9	42.7	138.
27.1	101.0	9886.3	255.0	-57.8	99.9	319.3	36.5	23.1	-27.7	318.3	999.9	99.9	999.9	43.3	138.
27.6	102.0	10011.1	250.0	-58.4	99.9	319.7	38.7	25.1	-29.5	319.3	999.9	99.9	999.9	44.2	138.
27.9	103.0	10138.1	245.0	-58.5	99.9	320.4	39.9	25.4	-30.7	320.9	999.9	99.9	999.9	45.2	138.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 2 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
1715 GMT

151 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
28.3	104.0	10242.1	241.0	-56.3	99.9	322.0	38.7	23.1	-30.5	325.7	999.9	99.9	999.9	46.2	138.
28.8	105.0	10375.7	236.0	-55.0	99.9	324.7	35.1	20.3	-28.6	329.7	999.9	99.9	999.9	47.4	138.
29.1	106.0	10512.4	231.0	-55.3	99.9	326.2	33.1	18.4	-27.5	331.2	999.9	99.9	999.9	48.0	138.
29.7	107.0	10623.8	227.0	-55.5	99.9	327.3	32.9	17.0	-27.7	332.6	999.9	99.9	999.9	48.9	138.
29.9	108.0	10765.8	222.0	-55.5	99.9	327.1	33.8	18.4	-29.3	334.8	999.9	99.9	999.9	49.3	139.
30.3	109.0	10881.9	218.0	-54.8	99.9	325.1	35.5	20.3	-29.1	337.5	999.9	99.9	999.9	50.2	139.
30.7	110.0	11000.7	214.0	-53.5	99.9	322.5	36.3	22.1	-28.8	341.3	999.9	99.9	999.9	51.1	139.
31.1	111.0	11183.7	208.0	-53.4	99.9	319.5	35.7	23.2	-27.2	344.4	999.9	99.9	999.9	51.9	139.
31.5	112.0	11308.5	204.0	-54.2	99.9	316.6	33.6	23.1	-24.4	345.0	999.9	99.9	999.9	53.0	139.
31.9	113.0	11435.6	200.0	-53.9	99.9	314.7	31.9	22.7	-22.5	347.5	999.9	99.9	999.9	53.6	139.
32.3	114.0	11565.6	196.0	-53.1	99.9	314.4	32.8	23.5	-22.9	350.8	999.9	99.9	999.9	54.2	139.
32.8	115.0	11698.4	192.0	-53.2	99.9	315.7	36.8	25.7	-25.3	352.6	999.9	99.9	999.9	55.2	139.
33.4	116.0	11868.4	187.0	-53.2	99.9	318.0	40.9	27.4	-30.4	355.3	999.9	99.9	999.9	56.7	139.
33.8	117.0	11972.7	184.0	-52.8	99.9	314.9	39.3	25.9	-27.6	357.7	999.9	99.9	999.9	57.9	139.
34.1	118.0	12150.9	179.0	-51.8	99.9	319.1	36.7	24.1	-27.7	362.0	999.9	99.9	999.9	58.7	139.
34.6	119.0	12297.5	175.0	-51.8	99.9	317.7	31.3	21.1	-23.1	364.4	999.9	99.9	999.9	59.5	139.
35.0	120.0	12409.4	172.0	-52.6	99.9	315.4	28.8	20.2	-20.5	364.9	999.9	99.9	999.9	60.1	139.
35.4	121.0	12561.0	168.0	-53.5	99.9	314.5	28.7	20.5	-20.1	365.8	999.9	99.9	999.9	60.8	139.
35.9	122.0	12716.2	164.0	-53.2	99.9	315.7	28.6	20.0	-20.4	369.8	999.9	99.9	999.9	61.7	138.
36.3	123.0	12875.7	160.0	-51.8	99.9	317.3	27.2	18.5	-20.0	373.8	999.9	99.9	999.9	62.4	138.
36.8	124.0	12998.6	157.0	-51.3	99.9	314.0	24.3	16.2	-18.1	376.7	999.9	99.9	999.9	63.3	138.
37.1	125.0	13166.1	153.0	-51.0	99.9	317.3	22.5	15.3	-16.6	378.7	999.9	99.9	999.9	63.7	138.
37.7	126.0	13337.4	149.0	-52.9	99.9	313.6	20.7	15.0	-14.3	379.6	999.9	99.9	999.9	64.3	138.
38.1	127.0	13468.3	146.0	-53.9	99.9	310.9	19.6	14.8	-12.8	380.2	999.9	99.9	999.9	64.9	138.
38.7	128.0	13646.4	142.0	-54.8	99.9	307.1	17.2	13.7	-10.4	381.5	999.9	99.9	999.9	65.5	138.
39.2	129.0	13782.8	139.0	-55.3	99.9	308.1	17.8	14.1	-11.0	383.0	999.9	99.9	999.9	65.8	138.
39.8	130.0	13921.9	136.0	-55.5	99.9	314.6	23.4	16.7	-16.4	385.1	999.9	99.9	999.9	66.6	138.
40.5	131.0	14112.4	132.0	-55.2	99.9	319.0	32.1	21.1	-24.2	389.0	999.9	99.9	999.9	67.5	138.
41.0	132.0	14309.4	128.0	-54.0	99.9	318.7	32.3	21.1	-24.3	394.5	999.9	99.9	999.9	69.1	138.
41.6	133.0	14461.4	125.0	-54.7	99.9	315.4	25.1	17.1	-17.9	396.0	999.9	99.9	999.9	69.9	138.
42.0	134.0	14617.0	122.0	-54.4	99.9	310.6	20.0	15.1	-13.5	399.4	999.9	99.9	999.9	70.7	138.
42.6	135.0	14776.3	119.0	-55.0	99.9	304.7	21.0	17.1	-12.0	401.0	999.9	99.9	999.9	70.9	138.
43.1	136.0	14994.7	115.0	-55.2	99.9	303.9	20.9	17.1	-11.6	404.7	999.9	99.9	999.9	71.9	138.
43.7	137.0	15163.3	112.0	-55.5	99.9	304.9	16.7	13.7	-9.6	407.1	999.9	99.9	999.9	72.6	138.
44.3	138.0	15394.7	108.0	-56.5	99.9	307.9	17.6	13.1	-10.8	409.5	999.9	99.9	999.9	72.8	138.
44.9	139.0	15573.5	105.0	-56.3	99.9	309.4	24.1	18.1	-15.3	413.1	999.9	99.9	999.9	73.6	138.
45.4	140.0	15819.8	101.0	-57.0	99.9	309.8	24.9	19.2	-15.0	416.4	999.9	99.9	999.9	74.6	137.
46.1	141.0	16010.1	98.0	-58.4	99.9	314.3	20.2	14.4	-14.1	417.4	999.9	99.9	999.9	75.5	137.
46.8	142.0	16272.8	94.0	-57.5	99.9	320.2	22.1	14.1	-16.9	424.1	999.9	99.9	999.9	76.1	137.
47.5	143.0	16477.4	91.0	-58.2	99.9	320.3	27.5	17.5	-21.1	426.7	999.9	99.9	999.9	77.2	137.
48.2	144.0	16760.8	87.0	-57.7	99.9	320.4	28.5	18.1	-21.9	433.2	999.9	99.9	999.9	78.5	137.
48.9	145.0	16982.2	84.0	-57.7	99.9	318.3	24.7	16.4	-18.4	437.6	999.9	99.9	999.9	79.7	137.
49.5	146.0	17212.1	81.0	-57.0	99.9	315.4	17.2	12.1	-12.2	443.6	999.9	99.9	999.9	80.7	138.
50.2	147.0	17450.6	78.0	-57.8	99.9	318.5	13.8	9.2	-10.4	446.6	999.9	99.9	999.9	80.9	137.
50.9	148.0	17657.6	75.0	-58.5	99.9	317.5	16.1	10.9	-11.9	450.2	999.9	99.9	999.9	81.7	138.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
1715 GMT

151 26. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
51.6	149.0	18041.8	71.0	-58.9	99.9	310.6	13.7	11.4	-8.9	456.6	999.9	99.9	999.9	82.4	137.
52.3	150.0	18314.0	68.0	-57.0	99.9	311.0	15.7	11.8	-10.3	466.3	999.9	99.9	999.9	82.7	137.
53.1	151.0	18600.0	65.0	-56.5	99.9	317.4	24.6	11.6	-18.1	473.5	999.9	99.9	999.9	83.7	137.
53.9	152.0	18899.6	62.0	-56.8	99.9	317.4	22.5	15.2	-16.5	479.2	999.9	99.9	999.9	85.1	137.
54.7	153.0	19213.3	59.0	-57.7	99.9	307.4	8.6	11.8	-5.2	484.1	999.9	99.9	999.9	86.0	137.
55.5	154.0	19542.3	56.0	-58.2	99.9	312.3	8.9	11.6	-6.0	490.2	999.9	99.9	999.9	85.9	137.
56.3	155.0	19887.1	53.0	-60.5	99.9	316.8	19.0	13.0	-13.9	492.7	999.9	99.9	999.9	86.7	137.
57.2	156.0	20249.3	50.0	-61.4	99.9	314.0	19.5	14.0	-13.5	498.8	999.9	99.9	999.9	87.8	137.
58.0	157.0	20633.4	47.0	-61.0	99.9	311.3	17.3	13.1	-11.4	504.6	999.9	99.9	999.9	89.3	137.
59.0	158.0	21042.0	44.0	-62.3	99.9	305.7	9.0	11.1	-5.3	515.1	999.9	99.9	999.9	88.9	137.
60.0	159.0	21476.5	41.0	-63.9	99.9	317.2	17.8	13.1	-13.1	521.8	999.9	99.9	999.9	90.1	137.
61.1	160.0	21943.4	38.0	-62.9	99.9	325.5	19.3	10.9	-15.9	535.7	999.9	99.9	999.9	91.3	137.
62.5	161.0	22450.8	35.0	-62.1	99.9	332.9	13.2	11.0	-11.8	550.4	999.9	99.9	999.9	92.7	137.
63.7	162.0	23004.1	32.0	-62.5	99.9	333.0	20.1	11.1	-17.9	563.7	999.9	99.9	999.9	94.0	138.
65.0	163.0	23606.7	29.0	-65.8	99.9	999.9	99.9	99.9	99.9	570.7	999.9	99.9	999.9	999.9	999.
66.5	164.0	24270.1	26.0	-65.6	99.9	999.9	99.9	99.9	99.9	589.3	999.9	99.9	999.9	999.9	999.

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
2015 GMT

146 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	966.0	906.9	-10.0	-18.2	170.0	2.6	-0.6	2.6	270.7	273.5	1.0	51.0	0.0	0.
0.3	15.0	1050.6	897.0	-10.4	-20.3	999.9	99.9	99.9	99.9	271.1	273.3	0.8	42.0	999.9	999.
0.6	16.0	1162.9	884.0	-10.6	-21.0	999.9	99.9	99.9	99.9	272.1	274.3	0.8	41.8	999.9	999.
0.8	17.0	1259.1	873.0	-11.4	-20.1	999.9	99.9	99.9	99.9	272.2	274.6	0.9	48.3	999.9	999.
1.1	18.0	1347.4	863.0	-11.9	-20.1	999.9	99.9	99.9	99.9	272.6	275.1	0.9	50.3	999.9	999.
1.4	19.0	1436.7	853.0	-12.0	-20.3	999.9	99.9	99.9	99.9	273.4	275.9	0.9	49.8	999.9	999.
1.7	20.0	1527.1	843.0	-11.1	-21.1	999.9	99.9	99.9	99.9	275.2	277.6	0.8	43.5	999.9	999.
2.1	21.0	1637.2	831.0	-10.9	-26.0	999.9	99.9	99.9	99.9	276.6	278.2	0.5	27.3	999.9	999.
2.5	22.0	1730.2	821.0	-10.9	-26.5	999.9	99.9	99.9	99.9	277.6	279.1	0.5	26.2	999.9	999.
2.8	23.0	1824.4	811.0	-10.9	-27.3	314.7	15.3	10.6	-10.8	278.5	280.0	0.5	24.2	1.2	147.
3.0	24.0	1919.6	801.0	-11.6	-27.9	311.7	15.6	11.9	-13.4	278.8	280.2	0.5	24.3	1.3	145.
3.3	25.0	2015.8	791.0	-12.0	-29.2	309.3	16.2	12.6	-13.3	279.3	280.6	0.4	22.3	1.6	142.
3.7	26.0	2132.7	779.0	-12.6	-30.3	307.2	16.7	12.9	-13.1	279.9	281.1	0.4	21.0	2.0	139.
3.9	27.0	2221.2	770.0	-13.4	-31.0	306.7	16.7	13.4	-13.0	279.9	281.0	0.4	21.1	2.2	138.
4.3	28.0	2320.6	760.0	-14.0	-33.1	307.8	17.2	14.6	-10.5	280.4	281.3	0.3	18.0	2.6	136.
4.6	29.0	2410.9	751.0	-14.7	-32.6	309.4	17.8	14.8	-11.3	280.6	281.5	0.3	19.9	2.9	135.
4.9	30.0	2512.3	741.0	-15.2	-32.0	311.5	18.8	14.1	-12.5	281.0	282.1	0.3	22.1	3.2	135.
5.2	31.0	2604.6	732.0	-15.6	-31.3	313.6	19.4	14.7	-13.3	281.6	282.7	0.4	24.6	3.6	135.
5.5	32.0	2708.3	722.0	-16.1	-29.7	315.6	19.7	13.7	-14.1	282.2	283.6	0.4	29.6	3.9	135.
5.8	33.0	2802.7	713.0	-16.6	-33.1	316.2	20.6	14.3	-14.9	282.6	283.6	0.3	22.2	4.3	135.
6.1	34.0	2898.0	704.0	-17.4	-32.3	316.8	21.6	14.8	-15.7	282.8	283.8	0.4	25.8	4.7	135.
6.5	35.0	2994.3	695.0	-17.8	-32.3	317.3	23.1	15.7	-17.0	283.3	284.4	0.3	25.5	5.2	135.
6.8	36.0	3113.6	684.0	-18.0	-33.1	317.8	23.8	16.0	-17.7	284.5	285.5	0.3	25.1	5.6	135.
7.1	37.0	3212.6	675.0	-18.1	-25.7	318.3	24.5	16.3	-18.3	285.4	287.5	0.7	51.0	6.1	136.
7.4	38.0	3312.8	666.0	-18.8	-22.1	318.7	25.0	16.4	-17.8	285.8	288.6	1.0	74.9	6.5	136.
7.7	39.0	3414.1	657.0	-19.6	-20.1	318.8	25.6	16.9	-17.2	286.0	289.4	1.2	95.7	7.0	136.
8.0	40.0	3505.2	649.0	-19.3	-20.9	318.7	26.2	17.1	-17.7	287.3	290.6	1.1	87.5	7.4	136.
8.5	41.0	3632.3	638.0	-19.6	-21.3	317.9	27.5	18.1	-20.4	288.4	291.5	1.1	83.9	8.2	136.
8.8	42.0	3737.7	629.0	-20.3	-24.2	317.7	27.9	18.8	-20.7	288.8	291.4	0.9	70.8	8.8	136.
9.1	43.0	3844.5	620.0	-20.7	-27.3	317.9	28.3	19.1	-21.0	289.5	291.5	0.6	54.5	9.3	136.
9.5	44.0	3940.4	612.0	-21.2	-29.9	318.6	28.5	18.9	-21.4	290.0	291.6	0.5	45.2	9.9	137.
9.8	45.0	4049.7	603.0	-21.5	-32.1	319.6	28.5	18.9	-21.7	290.9	292.2	0.4	37.6	10.5	137.
10.1	46.0	4148.3	595.0	-21.2	-35.8	320.5	28.5	18.1	-22.0	292.3	293.2	0.3	25.3	11.0	137.
10.4	47.0	4248.1	587.0	-21.5	-36.2	321.4	28.2	18.6	-22.1	293.1	294.0	0.3	25.0	11.5	137.
10.8	48.0	4349.2	579.0	-21.9	-36.5	322.2	27.9	17.8	-22.0	293.8	294.7	0.3	25.0	12.2	137.
11.1	49.0	4464.4	570.0	-22.5	-36.7	322.4	27.7	16.4	-21.9	294.3	295.2	0.3	25.4	12.7	138.
11.4	50.0	4555.0	563.0	-23.1	-31.3	322.2	27.6	16.4	-21.8	294.8	296.2	0.5	44.3	13.1	138.
11.8	51.0	4699.3	552.0	-24.0	-31.2	321.3	27.3	17.1	-21.3	295.3	296.9	0.5	50.9	13.8	138.
12.1	52.0	4805.7	544.0	-24.8	-31.9	320.5	27.1	17.2	-20.9	295.6	297.1	0.5	51.4	14.4	138.
12.5	53.0	4899.8	537.0	-25.7	-32.2	319.4	26.8	17.9	-20.4	295.6	297.1	0.5	54.3	14.9	138.
12.9	54.0	5008.4	529.0	-26.8	-31.5	319.0	27.4	18.0	-20.7	295.6	297.2	0.5	64.0	15.6	138.
13.1	55.0	5118.3	521.0	-27.2	-32.7	318.9	27.9	18.3	-20.0	296.4	297.9	0.5	59.0	15.9	138.
13.6	56.0	5243.7	512.0	-27.8	-34.2	318.8	29.4	19.4	-21.1	297.1	298.4	0.4	54.2	16.7	138.
13.9	57.0	5356.8	504.0	-28.3	-37.1	318.5	30.2	20.0	-21.6	297.8	298.8	0.3	42.4	17.3	138.
14.1	58.0	5471.4	496.0	-29.0	-38.1	318.3	30.4	20.2	-22.7	298.4	299.3	0.3	40.5	17.7	138.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
2015 GMT

146 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
14.4	59.0	5573.0	489.0	-29.6	-37.1	318.0	30.3	20.2	-22.5	298.8	299.8	0.3	48.1	18.3	138.
14.8	60.0	5690.4	481.0	-30.6	-37.4	317.9	29.5	19.3	-21.9	299.1	300.1	0.3	50.6	19.0	138.
15.0	61.0	5794.4	474.0	-31.5	-37.9	317.8	29.1	19.1	-21.6	299.2	300.2	0.3	52.6	19.4	138.
15.3	62.0	5899.5	467.0	-32.5	-38.2	317.4	29.2	19.8	-21.5	299.1	300.1	0.3	56.8	19.8	138.
15.7	63.0	6005.7	460.0	-33.6	-39.0	316.3	29.9	20.7	-21.6	299.1	300.0	0.3	57.8	20.5	138.
16.0	64.0	6128.6	452.0	-34.8	-40.2	315.2	30.9	21.8	-21.9	299.1	300.0	0.2	57.0	21.0	138.
16.3	65.0	6237.5	445.0	-35.2	-39.7	313.6	31.6	22.9	-21.8	300.0	300.9	0.3	62.5	21.6	138.
16.7	66.0	6379.6	436.0	-36.2	-40.0	311.8	32.1	23.9	-21.4	300.4	301.3	0.3	67.8	22.4	138.
17.1	67.0	6475.7	430.0	-36.6	-40.6	310.5	31.9	24.3	-20.7	301.1	301.9	0.3	66.1	23.2	138.
17.5	68.0	6589.3	423.0	-37.4	-42.3	309.8	31.1	23.7	-19.9	301.5	302.2	0.2	59.8	23.9	137.
17.8	69.0	6704.3	416.0	-38.2	-43.4	309.5	30.7	21.7	-19.5	301.9	302.5	0.2	58.0	24.5	137.
18.1	70.0	6820.9	409.0	-38.9	-44.0	309.3	30.8	21.9	-19.5	302.5	303.1	0.2	57.9	25.1	137.
18.6	71.0	6956.1	401.0	-40.1	99.9	309.1	33.3	25.8	-21.0	302.7	999.9	99.9	999.9	25.8	137.
18.9	72.0	7076.1	394.0	-41.0	99.9	309.1	35.4	27.5	-22.3	303.0	999.9	99.9	999.9	26.5	137.
19.3	73.0	7180.2	388.0	-42.0	99.9	309.0	36.6	28.5	-23.0	303.1	999.9	99.9	999.9	27.5	136.
19.7	74.0	7303.2	381.0	-43.1	99.9	309.0	36.3	28.1	-22.9	303.2	999.9	99.9	999.9	28.4	136.
20.0	75.0	7427.9	374.0	-44.2	99.9	309.3	35.5	27.1	-22.5	303.3	999.9	99.9	999.9	29.0	136.
20.4	76.0	7536.1	368.0	-45.2	99.9	310.7	35.3	26.1	-23.0	303.4	999.9	99.9	999.9	29.7	136.
20.8	77.0	7645.7	362.0	-45.9	99.9	312.0	35.5	26.4	-23.8	303.9	999.9	99.9	999.9	30.6	136.
21.1	78.0	7775.4	355.0	-46.9	99.9	312.6	35.6	26.2	-24.1	304.3	999.9	99.9	999.9	31.4	136.
21.5	79.0	7888.2	349.0	-47.6	99.9	312.7	35.1	25.8	-23.8	304.8	999.9	99.9	999.9	32.1	136.
21.8	80.0	8002.5	343.0	-48.5	99.9	312.6	35.1	25.9	-23.8	305.2	999.9	99.9	999.9	32.8	135.
22.2	81.0	8137.8	336.0	-49.9	99.9	312.8	36.2	26.6	-24.6	305.0	999.9	99.9	999.9	33.6	135.
22.6	82.0	8275.1	329.0	-51.0	99.9	313.3	38.3	27.9	-26.3	305.4	999.9	99.9	999.9	34.3	135.
22.9	83.0	8394.7	323.0	-51.7	99.9	313.7	39.8	28.8	-27.5	305.9	999.9	99.9	999.9	35.2	135.
23.2	84.0	8516.0	317.0	-52.8	99.9	313.7	39.8	28.8	-27.5	306.1	999.9	99.9	999.9	36.0	135.
23.6	85.0	8639.0	311.0	-54.0	99.9	313.2	38.2	27.8	-26.1	306.0	999.9	99.9	999.9	36.9	135.
23.9	86.0	8784.8	304.0	-55.0	99.9	312.3	35.6	26.3	-23.9	306.7	999.9	99.9	999.9	37.7	135.
24.2	87.0	8911.9	298.0	-56.1	99.9	311.3	34.1	25.6	-22.5	306.9	999.9	99.9	999.9	38.3	135.
24.7	88.0	9019.2	293.0	-57.2	99.9	310.5	34.7	26.4	-22.6	306.8	999.9	99.9	999.9	39.1	135.
25.0	89.0	9149.9	287.0	-57.9	99.9	310.7	37.3	28.3	-24.3	307.6	999.9	99.9	999.9	39.5	135.
25.2	90.0	9260.6	282.0	-58.1	99.9	311.4	39.0	29.3	-25.8	308.9	999.9	99.9	999.9	40.1	135.
25.6	91.0	9396.1	276.0	-58.2	99.9	312.7	41.5	30.5	-23.2	310.6	999.9	99.9	999.9	41.2	135.
25.9	92.0	9510.9	271.0	-59.4	99.9	313.7	40.9	29.6	-28.3	310.5	999.9	99.9	999.9	42.2	135.
26.2	93.0	9627.3	266.0	-59.9	99.9	314.6	39.6	28.2	-27.8	311.4	999.9	99.9	999.9	42.8	135.
26.7	94.0	9745.8	261.0	-60.1	99.9	316.3	37.8	26.1	-27.3	312.9	999.9	99.9	999.9	43.8	135.
27.0	95.0	9891.0	255.0	-59.8	99.9	317.5	37.6	25.4	-27.7	315.5	999.9	99.9	999.9	44.6	135.
27.5	96.0	10015.3	250.0	-58.1	99.9	319.3	38.8	25.3	-29.4	319.8	999.9	99.9	999.9	45.6	135.
27.8	97.0	10169.3	244.0	-55.4	99.9	319.5	38.9	25.3	-29.6	325.9	999.9	99.9	999.9	46.4	135.
28.1	98.0	10301.7	239.0	-54.0	99.9	319.6	38.4	24.9	-29.2	330.0	999.9	99.9	999.9	47.1	135.
28.5	99.0	10437.5	234.0	-53.7	99.9	319.3	36.3	23.6	-27.5	332.5	999.9	99.9	999.9	48.1	135.
29.0	100.0	10548.4	230.0	-53.6	99.9	319.6	33.9	22.0	-25.8	334.3	999.9	99.9	999.9	49.2	135.
29.7	101.0	10718.1	224.0	-54.5	99.9	319.3	37.7	24.6	-28.6	335.4	999.9	99.9	999.9	50.3	135.
30.0	102.0	10862.7	219.0	-54.3	99.9	318.9	39.7	26.1	-29.9	337.9	999.9	99.9	999.9	51.2	135.
30.3	103.0	11011.2	214.0	-53.1	99.9	318.3	38.1	25.4	-21.5	342.0	999.9	99.9	999.9	52.1	135.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
2015 GMT

146 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
30.8	104.0	11133.0	210.0	-52.3	99.9	317.7	34.1	22.9	-25.2	345.1	999.9	99.9	999.9	53.1	136.
31.2	105.0	11288.5	205.0	-53.2	99.9	317.8	31.8	21.4	-23.5	346.0	999.9	99.9	999.9	53.8	136.
31.6	106.0	11415.3	201.0	-53.9	99.9	318.0	31.9	21.3	-23.7	347.0	999.9	99.9	999.9	54.5	136.
32.0	107.0	11544.6	197.0	-53.1	99.9	317.4	34.0	23.0	-23.0	350.2	999.9	99.9	999.9	55.2	136.
32.5	108.0	11710.4	192.0	-52.9	99.9	315.7	34.8	24.3	-24.9	353.1	999.9	99.9	999.9	56.5	136.
32.9	109.0	11845.9	188.0	-54.0	99.9	315.6	33.3	23.3	-23.8	353.4	999.9	99.9	999.9	57.3	136.
33.2	110.0	11983.7	184.0	-54.6	99.9	316.1	31.8	22.0	-22.9	354.6	999.9	99.9	999.9	57.8	136.
33.8	111.0	12160.4	179.0	-53.7	99.9	316.3	28.5	19.7	-20.6	358.9	999.9	99.9	999.9	58.9	136.
34.1	112.0	12305.9	175.0	-52.9	99.9	315.1	27.4	19.3	-19.4	362.5	999.9	99.9	999.9	59.5	136.
34.7	113.0	12455.3	171.0	-52.3	99.9	311.4	28.4	21.3	-11.8	366.0	999.9	99.9	999.9	60.3	136.
35.0	114.0	12608.5	167.0	-52.0	99.9	310.3	30.6	23.3	-17.8	367.0	999.9	99.9	999.9	60.6	136.
35.5	115.0	12765.5	163.0	-52.0	99.9	310.6	34.3	26.0	-22.3	371.5	999.9	99.9	999.9	61.9	135.
36.0	116.0	12967.0	158.0	-52.8	99.9	311.7	33.6	25.1	-22.3	373.6	999.9	99.9	999.9	62.9	135.
36.4	117.0	13132.0	154.0	-54.0	99.9	313.4	31.7	23.0	-21.8	374.2	999.9	99.9	999.9	63.7	135.
36.9	118.0	13258.2	151.0	-54.2	99.9	316.0	31.2	21.7	-22.5	376.0	999.9	99.9	999.9	64.5	135.
37.3	119.0	13430.2	147.0	-54.8	99.9	316.9	31.9	21.8	-23.2	377.8	999.9	99.9	999.9	65.3	135.
37.7	120.0	13606.6	143.0	-55.0	99.9	316.3	31.9	22.1	-23.1	380.6	999.9	99.9	999.9	66.1	135.
38.1	121.0	13742.1	140.0	-55.0	99.9	314.4	30.8	22.0	-21.5	382.9	999.9	99.9	999.9	66.9	135.
38.6	122.0	13927.3	136.0	-55.1	99.9	310.5	27.7	21.1	-19.0	385.8	999.9	99.9	999.9	67.8	135.
39.0	123.0	14069.3	133.0	-56.2	99.9	306.9	25.7	20.5	-15.4	386.2	999.9	99.9	999.9	68.5	135.
39.5	124.0	14263.3	129.0	-56.4	99.9	306.2	27.6	22.3	-16.3	389.3	999.9	99.9	999.9	68.9	135.
39.8	125.0	14412.7	126.0	-56.2	99.9	308.3	29.6	23.3	-10.3	392.3	999.9	99.9	999.9	69.5	135.
40.6	126.0	14618.0	122.0	-55.6	99.9	311.2	26.4	19.9	-17.4	397.1	999.9	99.9	999.9	71.4	135.
41.1	127.0	14776.8	119.0	-55.1	99.9	309.7	20.6	15.9	-11.2	400.8	999.9	99.9	999.9	72.0	135.
41.8	128.0	14940.1	116.0	-54.5	99.9	309.5	25.3	19.5	-15.1	404.9	999.9	99.9	999.9	72.4	135.
42.3	129.0	15107.8	113.0	-54.8	99.9	309.5	30.9	23.9	-19.7	407.4	999.9	99.9	999.9	73.5	135.
42.9	130.0	15279.5	110.0	-55.8	99.9	309.8	29.8	22.9	-19.1	408.7	999.9	99.9	999.9	74.7	135.
43.5	131.0	15515.1	106.0	-56.2	99.9	312.8	23.4	17.2	-15.9	412.1	999.9	99.9	999.9	75.9	135.
44.0	132.0	15697.3	103.0	-56.9	99.9	315.2	19.0	13.4	-13.5	414.3	999.9	99.9	999.9	76.1	135.
44.5	133.0	15884.4	100.0	-57.2	99.9	311.3	13.5	10.2	-8.9	417.2	999.9	99.9	999.9	77.0	135.
45.0	134.0	16076.9	97.0	-57.6	99.9	293.5	9.8	9.0	-3.9	420.2	999.9	99.9	999.9	77.3	135.
45.5	135.0	16275.0	94.0	-58.2	99.9	291.6	12.4	11.6	-4.6	422.7	999.9	99.9	999.9	76.9	135.
46.0	136.0	16478.8	91.0	-59.1	99.9	305.1	18.1	14.1	-10.4	424.9	999.9	99.9	999.9	77.9	134.
46.6	137.0	16760.2	87.0	-59.8	99.9	312.3	25.2	18.6	-16.9	429.0	999.9	99.9	999.9	78.4	134.
47.0	138.0	16979.6	84.0	-59.6	99.9	312.7	29.9	22.1	-20.3	433.7	999.9	99.9	999.9	78.9	135.
47.7	139.0	17207.0	81.0	-59.8	99.9	313.8	30.1	21.7	-20.8	437.9	999.9	99.9	999.9	80.7	134.
48.4	140.0	17443.1	78.0	-59.4	99.9	316.5	24.6	16.4	-17.8	443.4	999.9	99.9	999.9	81.8	134.
49.3	141.0	17774.0	74.0	-57.7	99.9	315.8	22.2	15.1	-15.9	453.6	999.9	99.9	999.9	83.1	134.
50.2	142.0	18035.6	71.0	-57.1	99.9	318.6	14.5	9.1	-10.9	460.5	999.9	99.9	999.9	84.0	134.
51.0	143.0	18309.8	68.0	-55.6	99.9	321.6	11.2	7.1	-8.8	469.3	999.9	99.9	999.9	84.5	135.
51.8	144.0	18596.6	65.0	-56.6	99.9	313.8	16.1	11.6	-11.2	473.3	999.9	99.9	999.9	85.1	135.
52.6	145.0	18895.0	62.0	-58.6	99.9	315.8	13.2	9.1	-7.5	475.3	999.9	99.9	999.9	86.2	135.
53.4	146.0	19205.9	59.0	-59.8	99.9	313.3	17.1	12.4	-11.7	479.5	999.9	99.9	999.9	86.5	135.
54.3	147.0	19532.1	56.0	-59.8	99.9	320.5	22.0	14.0	-17.0	486.7	999.9	99.9	999.9	87.6	134.
55.2	148.0	19875.3	53.0	-61.0	99.9	324.8	8.5	4.9	-6.9	491.6	999.9	99.9	999.9	89.2	135.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
2015 GMT

146 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
56.3	149.0	20113.6	51.0	-62.4	99.9	314.3	6.5	4.9	-4.6	493.6	999.9	99.9	999.9	88.6	135.
57.0	150.0	20487.0	48.0	-63.3	99.9	323.3	16.4	9.1	-10.1	500.1	999.9	99.9	999.9	89.4	135.
57.9	151.0	20883.3	45.0	-63.7	99.9	321.0	26.1	16.4	-20.3	508.5	999.9	99.9	999.9	90.4	135.
58.9	152.0	21307.9	42.0	-62.4	99.9	327.5	28.5	15.3	-24.0	521.8	999.9	99.9	999.9	92.2	135.
60.2	153.0	21767.9	39.0	-60.1	99.9	329.9	17.2	8.7	-14.9	538.8	999.9	99.9	999.9	94.0	135.
61.5	154.0	22268.6	36.0	-59.1	99.9	10.3	7.4	-1.9	-7.2	554.0	999.9	99.9	999.9	94.9	135.
62.7	155.0	22625.4	34.0	-61.0	99.9	343.3	8.7	2.3	-3.3	558.1	999.9	99.9	999.9	95.0	136.
64.0	156.0	23196.1	31.0	-63.5	99.9	316.2	18.8	13.3	-13.6	566.2	999.9	99.9	999.9	96.6	136.
65.7	157.0	23820.9	28.0	-63.7	99.9	309.9	12.5	9.6	-8.0	582.4	999.9	99.9	999.9	97.1	136.
67.0	158.0	24514.6	25.0	-64.6	99.9	999.9	99.9	99.4	99.9	598.9	999.9	99.9	999.9	999.9	999.
68.8	159.0	25298.8	22.0	-62.8	99.9	999.9	99.9	99.9	99.9	626.7	999.9	99.9	999.9	999.9	999.

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
2315 GMT

148 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.5	966.0	903.8	-10.0	-16.7	160.0	2.6	-0.1	2.4	271.0	274.1	1.1	58.0	0.0	0.
0.1	15.0	1007.0	899.0	-10.8	-18.3	214.3	0.9	0.1	0.8	270.6	273.3	1.0	54.1	0.1	356.
0.5	16.0	1119.3	886.0	-9.2	-22.2	214.3	0.9	0.1	0.8	273.3	275.3	0.7	33.7	0.1	356.
0.9	17.0	1216.1	875.0	-8.7	-20.8	212.6	1.0	0.1	0.8	274.9	277.2	0.8	36.6	0.1	3.
1.2	18.0	1305.0	865.0	-9.2	-20.4	219.2	1.9	1.1	1.5	275.2	277.6	0.9	39.5	0.1	7.
1.5	19.0	1394.9	855.0	-9.7	-21.5	222.4	3.3	2.1	2.5	275.6	277.9	0.8	37.3	0.2	10.
1.9	20.0	1495.1	844.0	-8.4	-21.2	228.3	6.4	6.1	-2.0	278.0	280.4	0.8	34.6	0.3	26.
2.3	21.0	1606.6	832.0	-6.7	-22.0	307.7	11.5	9.1	-7.0	280.9	283.2	0.8	28.4	0.3	75.
2.6	22.0	1691.4	823.0	-7.5	-21.5	311.7	14.2	10.6	-9.4	281.0	283.4	0.8	31.2	0.5	100.
3.0	23.0	1796.1	812.0	-7.6	-20.5	307.5	14.3	11.4	-8.7	281.9	284.5	0.9	34.3	0.8	112.
3.4	24.0	1892.4	802.0	-8.4	-20.4	305.6	14.5	11.9	-8.4	282.1	284.8	0.9	36.3	1.2	115.
3.8	25.0	1989.6	792.0	-9.4	-20.3	304.2	14.8	12.2	-8.3	282.1	284.8	1.0	40.6	1.5	118.
4.2	26.0	2117.3	779.0	-10.3	-20.4	302.6	15.6	13.1	-9.4	282.5	285.2	1.0	42.9	1.9	119.
4.5	27.0	2206.7	770.0	-11.1	-20.8	301.2	16.5	14.1	-9.5	282.5	285.2	0.9	44.5	2.2	119.
4.9	28.0	2306.9	760.0	-12.1	-21.0	301.9	19.0	16.1	-10.0	282.5	285.1	0.9	47.3	2.6	119.
5.1	29.0	2398.0	751.0	-12.5	-20.8	302.3	19.9	16.9	-10.6	283.0	285.7	1.0	49.7	2.8	120.
5.4	30.0	2500.2	741.0	-13.4	-23.7	303.0	20.8	17.4	-11.3	283.1	285.3	0.8	41.4	3.2	120.
5.8	31.0	2603.7	731.0	-12.8	-28.5	303.4	20.9	17.5	-11.5	284.8	286.3	0.5	25.2	3.7	121.
6.1	32.0	2698.2	722.0	-13.0	-39.2	304.4	21.0	17.9	-11.9	285.6	286.2	0.2	8.9	4.1	121.
6.4	33.0	2793.6	713.0	-13.8	-40.3	307.1	21.5	17.2	-13.0	285.7	286.2	0.2	8.5	4.5	121.
6.8	34.0	2900.9	703.0	-14.1	-40.5	311.5	21.4	16.1	-14.2	286.5	287.0	0.2	8.5	5.0	122.
7.1	35.0	2998.5	694.0	-14.8	-39.3	314.0	21.6	15.5	-15.0	286.8	287.4	0.2	10.2	5.3	123.
7.6	36.0	3119.3	683.0	-15.3	-38.8	314.4	22.9	16.4	-15.0	287.5	288.1	0.2	11.3	6.0	124.
7.9	37.0	3219.3	674.0	-16.2	-35.5	314.7	23.5	16.7	-15.6	287.7	288.5	0.3	16.9	6.4	125.
8.2	38.0	3320.5	665.0	-16.4	-29.7	315.0	24.1	17.9	-17.0	288.5	290.0	0.5	30.7	6.8	125.
8.6	39.0	3422.9	656.0	-17.0	-26.4	315.2	24.9	17.5	-17.6	289.0	291.0	0.7	42.9	7.4	126.
9.0	40.0	3514.8	648.0	-18.1	-26.0	315.4	25.9	18.2	-18.4	288.8	290.9	0.7	49.7	8.0	127.
9.4	41.0	3642.6	637.0	-18.8	-25.9	315.8	27.0	18.1	-19.3	289.5	291.7	0.7	53.2	8.6	128.
9.8	42.0	3748.6	628.0	-19.0	-26.3	316.3	27.8	19.1	-20.1	290.3	292.5	0.7	52.6	9.3	128.
10.1	43.0	3856.0	619.0	-19.4	-32.7	316.8	28.3	19.1	-20.6	291.0	292.3	0.4	29.5	9.8	129.
10.5	44.0	3952.6	611.0	-20.0	-40.2	317.7	29.0	19.5	-21.5	291.5	292.1	0.2	14.4	10.4	129.
10.9	45.0	4062.6	602.0	-20.4	-37.4	318.8	29.7	19.7	-22.5	292.3	293.1	0.2	20.0	11.2	130.
11.1	46.0	4161.7	594.0	-20.0	-33.3	319.3	30.3	19.8	-23.0	293.9	295.0	0.4	27.8	11.5	130.
11.5	47.0	4262.2	586.0	-20.6	-25.4	320.1	30.9	19.8	-23.7	294.3	296.8	0.8	65.5	12.2	131.
11.9	48.0	4363.8	578.0	-21.3	-26.2	320.7	30.7	19.4	-23.7	294.6	297.0	0.8	64.4	13.0	131.
12.2	49.0	4479.4	569.0	-22.1	-26.7	320.7	30.4	19.2	-23.5	295.0	297.3	0.8	66.2	13.6	132.
12.6	50.0	4583.4	561.0	-23.0	-27.0	320.3	30.1	19.3	-23.2	295.1	297.4	0.7	69.7	14.3	132.
13.2	51.0	4714.9	551.0	-24.2	-27.7	319.4	30.8	20.5	-23.1	295.2	297.4	0.7	72.5	15.3	133.
13.5	52.0	4821.5	543.0	-24.8	-27.7	317.5	31.5	21.3	-23.3	295.8	298.0	0.7	74.6	16.0	133.
13.9	53.0	4929.4	535.0	-25.0	-28.3	317.7	32.8	22.1	-24.3	296.8	298.8	0.7	70.6	16.6	133.
14.3	54.0	5038.8	527.0	-25.7	-30.7	318.2	33.8	22.5	-25.2	297.2	299.0	0.6	62.7	17.4	133.
14.7	55.0	5135.7	520.0	-26.2	-32.0	318.7	34.1	22.5	-25.6	297.7	299.3	0.5	57.8	18.3	133.
15.1	56.0	5275.9	510.0	-27.1	-33.4	319.1	33.6	22.0	-25.4	298.3	299.7	0.4	54.9	19.2	134.
15.5	57.0	5375.3	503.0	-28.0	-33.9	319.7	32.5	21.0	-24.8	298.3	299.7	0.4	56.7	19.9	134.
15.9	58.0	5490.3	495.0	-29.0	-34.4	320.7	31.2	19.8	-24.1	298.6	299.9	0.4	58.8	20.7	134.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
2315 GMT

140 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.3	59.0	5592.0	488.0	-29.9	-34.8	321.4	30.0	18.7	-23.5	298.7	300.0	0.4	61.7	21.4	134.
16.7	60.0	5709.6	480.0	-30.4	-35.7	322.1	29.8	18.3	-23.5	299.4	300.7	0.4	59.1	22.1	135.
17.1	61.0	5813.9	473.0	-31.3	-37.2	322.7	30.8	18.7	-24.5	299.6	300.6	0.3	55.9	22.7	135.
17.5	62.0	5919.4	466.0	-32.2	-38.3	323.6	32.9	19.6	-26.5	299.7	300.7	0.3	56.1	23.5	135.
17.9	63.0	6026.1	459.0	-32.8	-37.7	324.5	34.3	19.9	-28.0	300.3	301.4	0.3	60.6	24.4	135.
18.2	64.0	6149.8	451.0	-33.0	-40.0	324.8	35.0	20.2	-29.6	301.5	302.4	0.3	48.9	25.0	136.
18.6	65.0	6259.7	444.0	-33.7	-41.7	324.6	35.7	20.7	-29.1	302.0	302.8	0.2	43.9	25.8	136.
19.1	66.0	6403.0	435.0	-34.9	-43.8	323.6	35.8	21.2	-28.8	302.3	302.9	0.2	39.4	26.8	136.
19.5	67.0	6516.1	428.0	-35.5	-44.4	322.8	34.6	21.0	-27.6	302.9	303.4	0.2	39.2	27.9	137.
19.9	68.0	6630.7	421.0	-36.4	-45.9	322.1	33.0	20.3	-26.1	303.1	303.6	0.1	36.6	28.5	137.
20.3	69.0	6746.6	414.0	-37.8	-47.1	321.8	32.6	20.1	-25.6	302.9	303.3	0.1	36.5	29.3	137.
20.7	70.0	6863.9	407.0	-38.8	-48.2	321.9	32.5	20.1	-25.6	302.9	303.4	0.1	36.5	30.0	137.
21.2	71.0	6999.9	399.0	-39.9	-49.1	322.6	32.5	19.7	-25.8	303.3	303.6	0.1	36.3	31.1	137.
21.5	72.0	7120.6	392.0	-40.6	99.9	323.3	32.2	19.2	-25.8	304.0	999.9	99.9	999.9	31.8	137.
22.0	73.0	7225.4	386.0	-41.7	99.9	324.8	33.2	19.1	-27.1	303.9	999.9	99.9	999.9	32.3	137.
22.4	74.0	7349.3	379.0	-42.6	99.9	327.1	33.4	18.1	-28.0	304.3	999.9	99.9	999.9	33.4	137.
22.9	75.0	7475.1	372.0	-42.9	99.9	331.2	31.5	15.2	-27.6	305.5	999.9	99.9	999.9	34.5	138.
23.3	76.0	7566.1	367.0	-44.0	99.9	333.7	30.3	13.4	-27.1	305.2	999.9	99.9	999.9	35.1	138.
23.7	77.0	7695.2	360.0	-44.6	99.9	334.1	30.8	13.4	-27.7	306.2	999.9	99.9	999.9	35.7	139.
24.1	78.0	7807.5	354.0	-45.7	99.9	332.9	33.3	15.1	-29.6	306.1	999.9	99.9	999.9	36.4	139.
24.5	79.0	7921.2	348.0	-46.3	99.9	331.5	36.7	17.1	-32.3	306.9	999.9	99.9	999.9	37.2	139.
24.9	80.0	8036.5	342.0	-47.2	99.9	330.5	38.8	19.1	-33.8	307.0	999.9	99.9	999.9	38.2	139.
25.3	81.0	8173.1	335.0	-48.3	99.9	329.2	39.4	20.1	-33.8	307.5	999.9	99.9	999.9	39.1	140.
25.7	82.0	8291.9	329.0	-49.0	99.9	327.8	38.8*	20.7	-32.9	308.1	999.9	99.9	999.9	40.1	140.
26.1	83.0	8412.5	323.0	-50.0	99.9	326.6	37.5*	20.7	-31.3	308.3	999.9	99.9	999.9	41.0	140.
26.4	84.0	8534.8	317.0	-50.9	99.9	326.2	36.3*	20.2	-30.1	308.7	999.9	99.9	999.9	41.6	140.
26.8	85.0	8659.0	311.0	-51.6	99.9	326.1	33.8*	18.1	-28.0	309.4	999.9	99.9	999.9	42.6	140.
27.3	86.0	8806.3	304.0	-52.9	99.9	325.8	30.8*	17.1	-25.5	309.7	999.9	99.9	999.9	43.5	140.
27.7	87.0	8913.1	299.0	-53.8	99.9	325.5	31.0*	17.5	-25.5	309.8	999.9	99.9	999.9	44.1	141.
28.1	88.0	9021.1	294.0	-55.0	99.9	325.3	34.3*	19.5	-18.2	309.5	999.9	99.9	999.9	44.8	141.
28.5	89.0	9152.5	288.0	-56.2	99.9	325.6	40.5*	22.9	-13.4	309.8	999.9	99.9	999.9	45.4	141.
28.9	90.0	9286.3	282.0	-56.3	99.9	325.3	44.2*	25.2	-36.3	311.4	999.9	99.9	999.9	46.9	141.
29.3	91.0	9399.8	277.0	-56.8	99.9	324.5	44.3*	27.7	-36.1	312.3	999.9	99.9	999.9	48.0	141.
29.7	92.0	9515.0	272.0	-57.5	99.9	324.1	42.8*	29.1	-34.6	313.0	999.9	99.9	999.9	49.0	141.
30.2	93.0	9632.1	267.0	-57.8	99.9	325.2	40.8*	32.2	-33.5	314.2	999.9	99.9	999.9	50.2	141.
30.6	94.0	9751.2	262.0	-58.5	99.9	327.3	40.1*	34.7	-33.8	314.9	999.9	99.9	999.9	51.2	141.
31.0	95.0	9896.5	256.0	-59.5	99.9	329.3	39.3*	37.0	-33.8	315.5	999.9	99.9	999.9	52.0	141.
31.4	96.0	10044.8	250.0	-59.8	99.9	329.2	35.1*	38.0	-30.2	317.1	999.9	99.9	999.9	53.2	141.
31.8	97.0	10145.6	246.0	-59.8	99.9	327.4	31.3*	36.9	-26.4	318.6	999.9	99.9	999.9	54.0	142.
32.2	98.0	10273.6	241.0	-60.7	99.9	324.7	31.7*	38.4	-25.9	319.2	999.9	99.9	999.9	54.4	142.
32.7	99.0	10403.9	236.0	-61.2	99.9	322.0	39.3*	24.2	-31.0	320.3	999.9	99.9	999.9	55.2	142.
33.1	100.0	10537.2	231.0	-60.2	99.9	321.1	45.1*	28.8	-35.7	323.9	999.9	99.9	999.9	56.4	142.
33.6	101.0	10702.0	225.0	-58.5	99.9	320.9	45.8*	28.9	-35.6	328.9	999.9	99.9	999.9	58.3	142.
34.0	102.0	10815.4	221.0	-56.2	99.9	321.6	40.2*	25.0	-31.5	334.2	999.9	99.9	999.9	59.0	142.
34.5	103.0	10961.2	216.0	-55.2	99.9	320.6	34.1*	21.6	-26.3	337.8	999.9	99.9	999.9	60.5	142.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. #2  
RAPID CITY, S D

6 FEBRUARY 1975  
2315 GMT

148 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.9	104.0	11080.8	212.0	-54.1	99.9	316.7	33.8*	23.2	-24.6	341.4	999.9	99.9	999.9	60.7	142.
35.3	105.0	11233.9	207.0	-54.3	99.9	313.7	35.5*	25.6	-24.6	343.5	999.9	99.9	999.9	61.7	141.
35.8	106.0	11358.8	203.0	-55.0	99.9	313.4	37.5*	27.2	-25.7	344.1	999.9	99.9	999.9	62.8	141.
36.3	107.0	11485.9	199.0	-55.0	99.9	315.1	37.8*	26.7	-26.8	346.1	999.9	99.9	999.9	64.0	141.
36.8	108.0	11648.5	194.0	-54.9	99.9	314.9	38.8*	27.5	-27.4	348.9	999.9	99.9	999.9	65.2	141.
37.3	109.0	11781.9	190.0	-54.3	99.9	312.8	39.8*	29.2	-27.1	352.0	999.9	99.9	999.9	66.0	141.
37.7	110.0	11918.3	186.0	-54.6	99.9	311.5	37.2*	27.8	-24.6	353.6	999.9	99.9	999.9	67.4	141.
38.2	111.0	12092.5	181.0	-55.0	99.9	311.5	31.0*	23.2	-20.5	355.6	999.9	99.9	999.9	68.7	141.
38.7	112.0	12235.0	177.0	-55.8	99.9	313.9	30.2*	21.7	-20.9	356.6	999.9	99.9	999.9	68.7	141.
39.1	113.0	12380.5	173.0	-55.8	99.9	316.4	34.7*	22.9	-25.1	358.9	999.9	99.9	999.9	69.6	140.
39.6	114.0	12529.3	169.0	-56.2	99.9	319.2	39.8*	26.3	-30.1	360.8	999.9	99.9	999.9	71.2	140.
40.0	115.0	12643.1	166.0	-56.3	99.9	321.3	40.5*	25.4	-31.6	362.4	999.9	99.9	999.9	71.8	140.
40.8	116.0	12838.0	161.0	-54.9	99.9	322.5	36.5*	22.2	-28.9	368.0	999.9	99.9	999.9	74.0	141.
41.2	117.0	13041.0	156.0	-52.0	99.9	322.4	33.7*	20.3	-23.7	376.3	999.9	99.9	999.9	74.8	141.
41.8	118.0	13167.1	153.0	-51.2	99.9	322.0	29.0*	18.4	-23.6	379.7	999.9	99.9	999.9	75.8	141.
42.2	119.0	13295.7	150.0	-51.6	99.9	321.9	27.7*	17.1	-21.8	381.1	999.9	99.9	999.9	76.6	141.
42.6	120.0	13471.1	146.0	-51.5	99.9	321.6	25.4*	15.8	-19.9	384.3	999.9	99.9	999.9	77.3	141.
43.0	121.0	13605.7	143.0	-52.1	99.9	320.6	23.2*	14.7	-17.9	385.5	999.9	99.9	999.9	77.5	141.
43.4	122.0	13789.0	139.0	-53.0	99.9	317.1	22.0*	15.6	-16.7	387.1	999.9	99.9	999.9	78.5	141.
44.0	123.0	13929.5	136.0	-53.6	99.9	311.9	25.5*	18.4	-17.0	388.4	999.9	99.9	999.9	78.6	141.
44.5	124.0	14072.7	133.0	-54.3	99.9	309.1	27.5*	21.4	-17.4	389.8	999.9	99.9	999.9	80.3	140.
45.0	125.0	14268.2	129.0	-54.9	99.9	305.1	27.6*	22.6	-15.9	392.1	999.9	99.9	999.9	80.6	140.
45.6	126.0	14469.1	125.0	-56.0	99.9	300.6	29.6*	25.5	-15.1	393.6	999.9	99.9	999.9	81.7	140.
46.2	127.0	14623.5	122.0	-56.3	99.9	300.5	32.9*	28.4	-16.7	395.7	999.9	99.9	999.9	82.7	140.
46.8	128.0	14781.7	119.0	-56.0	99.9	305.3	30.6*	24.9	-17.7	399.2	999.9	99.9	999.9	84.1	139.
47.3	129.0	14943.8	116.0	-57.0	99.9	311.7	26.1*	19.5	-14.4	400.3	999.9	99.9	999.9	84.8	139.
47.9	130.0	15110.0	113.0	-56.0	99.9	314.6	26.3*	18.7	-14.5	405.1	999.9	99.9	999.9	85.5	139.
48.6	131.0	15338.9	109.0	-56.7	99.9	312.3	30.0*	22.2	-14.2	408.1	999.9	99.9	999.9	86.8	139.
49.1	132.0	15515.6	106.0	-57.3	99.9	311.9	26.4*	19.7	-17.6	410.1	999.9	99.9	999.9	87.8	139.
49.6	133.0	15697.0	103.0	-57.8	99.9	309.4	18.3*	14.1	-13.6	412.6	999.9	99.9	999.9	88.7	139.
50.1	134.0	15882.8	100.0	-59.1	99.9	297.1	12.2*	10.8	-5.5	413.5	999.9	99.9	999.9	88.8	139.
50.7	135.0	16073.4	97.0	-59.8	99.9	286.4	11.1*	10.6	-3.1	415.7	999.9	99.9	999.9	89.2	139.
51.3	136.0	16269.0	94.0	-61.4	99.9	298.9	15.8*	13.8	-7.6	416.4	999.9	99.9	999.9	89.2	139.
52.2	137.0	16539.6	90.0	-60.0	99.9	309.4	25.5*	19.7	-16.2	424.4	999.9	99.9	999.9	90.9	139.
52.9	138.0	16751.8	87.0	-59.0	99.9	313.8	25.1*	18.2	-17.4	430.6	999.9	99.9	999.9	91.4	139.
53.6	139.0	16971.5	84.0	-59.8	99.9	315.8	22.8*	15.9	-16.4	433.2	999.9	99.9	999.9	93.1	138.
54.3	140.0	17198.8	81.0	-59.7	99.9	317.5	21.3*	14.4	-15.7	438.1	999.9	99.9	999.9	93.6	138.
55.0	141.0	17434.7	78.0	-59.8	99.9	318.8	30.7*	20.2	-23.1	442.5	999.9	99.9	999.9	94.0	138.
55.9	142.0	17765.0	74.0	-58.1	99.9	322.6	28.8*	17.5	-22.9	452.8	999.9	99.9	999.9	96.7	138.
56.9	143.0	18025.6	71.0	-58.1	99.9	317.7	15.8*	10.6	-11.7	458.2	999.9	99.9	999.9	97.4	139.
57.8	144.0	18297.5	68.0	-58.1	99.9	316.1	15.0*	10.4	-10.8	463.9	999.9	99.9	999.9	98.7	138.
58.6	145.0	18581.6	65.0	-58.3	99.9	319.8	9.5*	6.1	-7.3	469.5	999.9	99.9	999.9	99.1	139.
59.6	146.0	18878.6	62.0	-58.8	99.9	305.7	18.1*	14.7	-10.6	474.8	999.9	99.9	999.9	99.9	139.
60.5	147.0	19188.7	59.0	-60.5	99.9	299.9	18.1*	15.7	-9.0	477.7	999.9	99.9	999.9	100.6	138.
61.5	148.0	19512.8	56.0	-61.8	99.9	307.9	8.0*	6.3	-4.9	482.1	999.9	99.9	999.9	102.3	138.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

6 FEBRUARY 1975  
2315 GMT

148 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CLMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
62.5	149.0	19853.3	53.0	-62.3	99.9	307.5	15.2*	12.0	-7.2	488.5	999.9	99.9	999.9	102.1	138.
63.6	150.0	20213.0	50.0	-62.5	99.9	316.0	28.3*	19.7	-20.3	496.3	999.9	99.9	999.9	103.2	138.
64.7	151.0	20595.2	47.0	-62.1	99.9	324.8	22.0*	12.7	-18.0	506.0	999.9	99.9	999.9	105.6	138.
65.9	152.0	21003.6	44.0	-61.4	99.9	325.3	23.8*	13.5	-17.5	517.4	999.9	99.9	999.9	107.1	138.
67.1	153.0	21441.7	41.0	-61.2	99.9	325.7	10.1	5.7	-3.3	528.4	999.9	99.9	999.9	108.3	138.
68.2	154.0	21752.3	39.0	-61.1	99.9	355.5	3.3	0.3	-3.3	536.4	999.9	99.9	999.9	108.5	138.
69.6	155.0	22247.3	36.0	-63.0	99.9	322.2	19.8	12.1	-15.6	543.7	999.9	99.9	999.9	110.1	138.
71.1	156.0	22782.8	33.0	-63.0	99.9	315.8	25.4	17.7	-18.2	557.4	999.9	99.9	999.9	110.4	138.
72.6	157.0	23366.0	30.0	-65.5	99.9	331.1	16.1	7.7	-14.1	566.1	999.9	99.9	999.9	113.6	138.
74.3	158.0	24006.3	27.0	-65.9	99.9	330.3	19.9	9.9	-17.3	582.4	999.9	99.9	999.9	114.9	139.
76.1	159.0	24721.0	24.0	-66.1	99.9	353.2	17.8	2.1	-17.7	601.7	999.9	99.9	999.9	117.1	139.
78.4	160.0	25544.2	21.0	-59.3	99.9	319.6	29.5	19.1	-22.4	645.6	999.9	99.9	999.9	120.1	139.
80.8	161.0	26503.8	18.0	-61.9	99.9	999.9	99.9	99.9	99.9	666.4	999.9	99.9	999.9	999.9	999.

STATION NO. 662  
RAPID CITY, S D

7 FEBRUARY 1975  
515 GMT

126 61. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COVP M/SEC	V COVP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	12.9	966.0	899.8	8.0	-2.3	320.0	1.5	1.0	-1.1	290.2	299.9	3.5	47.0	0.0	0.
0.1	13.0	982.2	898.0	-1.5	-11.1	999.9	99.9	99.9	99.9	280.3	285.3	1.8	47.9	999.9	999.
0.5	14.0	1089.4	886.0	-1.5	-14.3	999.9	99.9	99.9	99.9	281.4	285.2	1.4	36.0	999.9	999.
0.8	15.0	1206.9	873.0	-2.3	-16.3	999.9	99.9	99.9	99.9	281.7	285.2	1.2	33.3	999.9	999.
1.2	16.0	1344.6	858.0	-2.0	-16.6	999.9	99.9	99.9	99.9	283.4	286.9	1.2	31.6	999.9	999.
1.5	17.0	1465.7	845.0	-2.9	-17.4	999.9	99.9	99.9	99.9	283.7	287.0	1.2	31.7	999.9	999.
2.0	18.0	1578.8	833.0	-3.7	-17.6	999.9	99.9	99.9	99.9	284.1	287.3	1.1	33.0	999.9	999.
2.4	19.0	1693.2	821.0	-4.7	-18.2	303.2	16.9	14.2	-2.3	284.1	287.3	1.1	33.9	1.3	115.
2.7	20.0	1808.8	809.0	-5.6	-18.7	304.4	18.1	15.0	-12.2	284.3	287.4	1.1	34.8	1.6	117.
3.1	21.0	1955.3	794.0	-6.8	-19.3	307.3	18.9	15.0	-12.5	284.6	287.5	1.0	34.8	2.1	119.
3.5	22.0	2064.0	783.0	-7.7	-20.1	310.9	18.6	14.0	-12.2	284.8	287.6	1.0	36.2	2.5	121.
3.9	23.0	2183.8	771.0	-9.0	-20.9	312.4	19.1	14.1	-12.9	284.6	287.3	0.9	37.4	3.0	122.
4.3	24.0	2305.1	759.0	-9.7	-21.4	313.3	19.3	14.0	-13.2	285.1	287.8	0.9	37.9	3.4	124.
4.6	25.0	2417.7	748.0	-10.0	-22.6	313.8	19.7	14.2	-13.7	286.0	288.4	0.8	34.8	3.8	125.
5.1	26.0	2563.2	734.0	-10.6	-24.6	313.6	21.6	15.7	-13.9	286.9	289.0	0.7	30.4	4.4	126.
5.4	27.0	2689.9	722.0	-11.3	-25.3	312.3	22.7	16.8	-13.2	287.5	289.5	0.7	29.8	4.8	127.
5.7	28.0	2807.6	711.0	-11.7	-25.7	311.1	22.4	16.9	-14.7	288.3	290.2	0.7	30.1	5.2	127.
6.1	29.0	2926.9	700.0	-12.3	-26.1	309.8	21.6	16.6	-13.8	288.9	290.9	0.6	30.5	5.7	127.
6.5	30.0	3047.7	689.0	-13.3	-26.5	309.7	22.2	17.1	-14.1	289.1	291.0	0.6	31.8	6.2	128.
6.8	31.0	3159.0	679.0	-13.6	-26.7	310.3	21.8	16.6	-14.1	290.0	291.9	0.6	31.8	6.7	128.
7.2	32.0	3283.3	668.0	-13.2	-32.2	311.9	21.3	15.8	-14.2	291.8	293.0	0.4	18.3	7.2	128.
7.6	33.0	3409.6	657.0	-13.9	-32.8	314.5	21.0	15.0	-14.7	292.4	293.6	0.4	18.3	7.6	128.
8.0	34.0	3537.7	646.0	-14.7	-33.7	317.0	21.4	14.6	-15.6	292.9	294.0	0.3	18.0	8.1	129.
8.4	35.0	3655.8	636.0	-14.8	-34.7	317.7	22.4	15.1	-16.6	294.0	295.0	0.3	16.1	8.6	129.
8.8	36.0	3799.7	624.0	-15.7	-36.3	317.0	23.6	16.1	-17.2	294.7	295.5	0.3	14.7	9.2	130.
9.2	37.0	3921.4	614.0	-16.2	-35.9	315.7	24.8	17.3	-17.7	295.4	296.3	0.3	16.2	9.8	130.
9.7	38.0	4044.9	604.0	-16.9	-35.9	313.8	26.2	18.9	-18.1	296.0	297.0	0.3	17.3	10.5	130.
10.0	39.0	4170.0	594.0	-17.6	-36.2	312.8	27.0	19.8	-18.3	296.6	297.6	0.3	17.8	11.1	131.
10.5	40.0	4296.9	584.0	-18.8	-37.4	311.2	27.5	20.7	-18.2	296.6	297.5	0.3	17.5	11.8	131.
10.9	41.0	4451.3	572.0	-19.6	-38.0	309.9	27.4	21.0	-17.6	297.4	298.3	0.2	17.6	12.6	131.
11.4	42.0	4569.0	563.0	-20.2	-38.3	308.7	27.4	21.4	-17.1	298.2	299.0	0.2	17.6	13.3	131.
11.7	43.0	4701.5	553.0	-21.2	-39.3	308.3	27.7	21.7	-17.2	298.4	299.2	0.2	17.7	13.8	131.
12.2	44.0	4822.4	544.0	-22.3	-35.2	308.5	28.5	22.3	-17.8	298.5	299.7	0.3	29.8	14.7	130.
12.5	45.0	4944.7	535.0	-23.4	-30.4	309.0	29.1	22.6	-18.3	298.7	300.5	0.6	52.2	15.2	130.
12.9	46.0	5082.5	525.0	-24.3	-30.2	310.3	29.2	22.2	-18.9	299.2	301.1	0.6	58.1	15.9	130.
13.3	47.0	5208.3	516.0	-25.5	-31.9	311.5	28.5	21.3	-19.8	299.2	300.8	0.5	54.7	16.6	130.
13.7	48.0	5335.8	507.0	-26.3	-31.0	312.3	27.5	20.3	-18.5	299.8	301.5	0.6	64.1	17.3	130.
14.1	49.0	5450.7	499.0	-26.7	-30.8	312.8	27.0	19.8	-18.4	300.6	302.5	0.6	68.2	17.9	130.
14.5	50.0	5581.9	490.0	-27.5	-32.8	313.1	27.8	20.3	-19.0	301.2	302.8	0.5	60.5	18.5	131.
15.0	51.0	5745.1	479.0	-28.1	-34.0	312.2	30.5	22.6	-20.5	302.5	304.0	0.4	56.4	19.3	131.
15.4	52.0	5881.1	470.0	-28.7	-35.8	310.5	31.5	23.9	-20.5	303.3	304.6	0.4	50.0	20.2	131.
15.8	53.0	6003.8	462.0	-29.5	-37.5	308.9	31.0	24.1	-19.5	303.8	304.9	0.3	45.6	21.0	131.
16.2	54.0	6128.3	454.0	-30.5	-38.8	307.8	30.0	23.7	-19.4	304.1	305.1	0.3	43.5	21.7	131.
16.7	55.0	6270.3	445.0	-31.5	-40.5	307.7	29.2	23.1	-17.8	304.5	305.4	0.2	40.3	22.5	130.
17.1	56.0	6431.0	435.0	-32.2	-42.2	308.3	29.3	23.0	-18.2	305.7	306.4	0.2	35.9	23.3	130.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

7 FEBRUARY 1975  
515 GMT

126 61. 0

TIME 41N	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.6	57.0	6561.6	427.0	-33.6	-43.0	309.0	30.1	23.4	-10.0	305.6	306.2	0.2	37.6	24.1	130.
17.9	58.0	6694.0	419.0	-34.9	-43.8	309.1	30.6	23.7	-10.3	305.5	306.1	0.2	39.3	24.7	130.
18.3	59.0	6828.1	411.0	-36.3	-44.7	308.7	31.1	24.3	-10.5	305.4	306.0	0.2	41.2	25.4	130.
18.8	60.0	6947.0	404.0	-37.7	-45.7	308.1	31.6	24.9	-10.5	305.1	305.7	0.2	42.4	26.4	130.
19.2	61.0	7084.6	396.0	-38.8	-46.5	307.9	31.5	24.8	-10.3	305.4	305.9	0.1	43.3	27.1	130.
19.6	62.0	7206.9	389.0	-39.5	-47.3	308.0	30.8	24.2	-13.9	306.1	306.6	0.1	42.7	27.9	130.
20.0	63.0	7348.8	381.0	-40.4	99.9	308.2	29.9	23.5	-13.5	306.7	999.9	99.9	999.9	28.7	130.
20.4	64.0	7474.9	374.0	-41.6	99.9	309.6	30.7	24.0	-19.2	306.8	999.9	99.9	999.9	29.3	130.
20.8	65.0	7602.9	367.0	-42.3	99.9	309.2	32.6	25.2	-20.6	307.5	999.9	99.9	999.9	30.0	130.
21.3	66.0	7770.4	358.0	-43.4	99.9	309.6	35.2	27.1	-22.4	308.2	999.9	99.9	999.9	31.1	130.
21.7	67.0	7902.9	351.0	-44.7	99.9	309.1	37.0	28.7	-23.3	308.2	999.9	99.9	999.9	31.9	130.
22.1	68.0	8037.3	344.0	-45.9	99.9	307.9	38.1	30.4	-23.4	308.4	999.9	99.9	999.9	32.7	130.
22.5	69.0	8173.8	337.0	-46.9	99.9	306.6	38.2	30.7	-22.8	308.8	999.9	99.9	999.9	34.0	130.
23.0	70.0	8292.8	331.0	-47.2	99.9	306.2	36.6	29.6	-22.7	309.9	999.9	99.9	999.9	34.9	130.
23.5	71.0	8474.5	322.0	-48.9	99.9	307.6	35.5	28.1	-22.6	310.1	999.9	99.9	999.9	36.0	130.
23.9	72.0	8597.9	316.0	-49.5	99.9	309.0	35.9	27.9	-22.6	310.9	999.9	99.9	999.9	36.9	130.
24.3	73.0	8744.2	309.0	-50.8	99.9	309.7	37.4	28.8	-23.7	311.1	999.9	99.9	999.9	37.6	130.
24.7	74.0	8871.5	303.0	-52.2	99.9	309.9	38.9	27.9	-24.9	310.9	999.9	99.9	999.9	38.6	130.
25.0	75.0	9000.8	297.0	-52.7	99.9	309.7	39.9	32.7	-25.4	312.0	999.9	99.9	999.9	39.5	130.
25.6	76.0	9132.2	291.0	-54.0	99.9	310.0	39.3	30.2	-25.3	311.9	999.9	99.9	999.9	40.7	130.
25.9	77.0	9265.6	285.0	-55.2	99.9	310.7	39.2	29.7	-25.6	312.1	999.9	99.9	999.9	41.6	130.
26.1	78.0	9401.1	279.0	-56.2	99.9	311.3	39.6	29.7	-25.2	312.6	999.9	99.9	999.9	42.0	130.
26.7	79.0	9538.9	273.0	-57.4	99.9	312.8	43.3	31.8	-25.4	312.8	999.9	99.9	999.9	43.3	130.
27.1	80.0	9679.3	267.0	-57.4	99.9	313.2	46.3	33.7	-31.7	314.8	999.9	99.9	999.9	44.5	130.
27.5	81.0	9847.2	260.0	-57.6	99.9	313.2	48.1	35.1	-33.0	316.9	999.9	99.9	999.9	45.6	130.
27.8	82.0	9994.2	254.0	-58.7	99.9	313.1	47.2	34.4	-32.3	317.4	999.9	99.9	999.9	46.5	130.
28.2	83.0	10119.0	249.0	-59.2	99.9	313.2	45.1	32.8	-30.9	318.4	999.9	99.9	999.9	47.7	130.
28.5	84.0	10271.4	243.0	-60.5	99.9	313.5	42.9	31.1	-27.5	318.7	999.9	99.9	999.9	48.6	130.
28.9	85.0	10400.7	238.0	-61.0	99.9	314.1	41.3	29.7	-27.7	319.8	999.9	99.9	999.9	49.3	130.
29.4	86.0	10586.1	231.0	-61.2	99.9	314.8	40.8	29.0	-27.8	322.3	999.9	99.9	999.9	50.7	130.
29.7	87.0	10721.9	226.0	-61.2	99.9	315.1	41.0	28.9	-27.0	324.3	999.9	99.9	999.9	51.4	130.
30.0	88.0	10860.7	221.0	-61.6	99.9	315.3	41.2	27.0	-27.3	325.8	999.9	99.9	999.9	52.1	130.
30.3	89.0	11002.7	216.0	-60.9	99.9	314.5	43.2	30.8	-31.3	329.1	999.9	99.9	999.9	52.8	130.
30.7	90.0	11148.6	211.0	-60.1	99.9	313.1	46.3	33.8	-31.7	332.5	999.9	99.9	999.9	53.7	131.
30.9	91.0	11268.0	207.0	-60.3	99.9	312.3	48.1	31.6	-32.4	334.0	999.9	99.9	999.9	54.2	131.
31.2	92.0	11421.0	202.0	-58.8	99.9	311.1	48.6	31.6	-32.0	338.6	999.9	99.9	999.9	55.4	131.
31.6	93.0	11578.2	197.0	-59.0	99.9	309.9	47.2	32.2	-30.3	340.8	999.9	99.9	999.9	56.9	131.
32.0	94.0	11706.9	193.0	-59.0	99.9	309.4	43.4	33.5	-27.6	342.8	999.9	99.9	999.9	57.5	131.
32.5	95.0	11871.6	188.0	-58.8	99.9	310.4	40.9	31.1	-26.5	345.7	999.9	99.9	999.9	59.0	131.
32.9	96.0	12041.4	183.0	-57.4	99.9	311.0	39.6	29.6	-26.0	350.7	999.9	99.9	999.9	59.8	131.
33.4	97.0	12181.7	179.0	-55.5	99.9	310.2	35.1	26.8	-22.6	356.0	999.9	99.9	999.9	61.2	131.
33.8	98.0	12362.6	174.0	-54.8	99.9	307.8	30.6	24.1	-19.7	360.0	999.9	99.9	999.9	62.0	131.
34.4	99.0	12511.6	170.0	-54.0	99.9	304.8	30.8*	27.3	-17.6	363.8	999.9	99.9	999.9	62.6	131.
34.7	100.0	12664.2	166.0	-54.7	99.9	305.8	34.8*	28.2	-20.4	365.2	999.9	99.9	999.9	63.0	130.
35.3	101.0	12859.7	161.0	-55.2	99.9	308.6	40.2*	31.7	-23.1	367.5	999.9	99.9	999.9	64.9	130.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

7 FEBRUARY 1975  
515 GMT

126 61. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
35.8	102.0	13019.9	157.0	-56.2	99.9	308.7	36.2*	28.3	-22.7	368.4	999.9	99.9	999.9	66.2	130.
35.3	103.0	13142.6	154.0	-55.9	99.9	307.8	30.7*	24.3	-18.8	371.1	999.9	99.9	999.9	67.0	130.
35.8	104.0	13310.1	150.0	-55.9	99.9	309.4	29.1*	22.5	-18.4	373.9	999.9	99.9	999.9	67.8	130.
37.3	105.0	13482.4	146.0	-55.2	99.9	310.7	29.6*	22.4	-19.3	377.9	999.9	99.9	999.9	68.7	130.
37.7	106.0	13615.1	143.0	-55.0	99.9	309.2	29.8*	23.1	-13.9	380.5	999.9	99.9	999.9	69.4	130.
38.2	107.0	13796.3	139.0	-55.2	99.9	305.6	29.7*	24.1	-17.3	383.3	999.9	99.9	999.9	70.3	130.
38.7	108.0	13935.4	136.0	-55.7	99.9	303.0	29.2*	24.5	-17.9	384.8	999.9	99.9	999.9	71.2	130.
39.2	109.0	14125.2	132.0	-56.5	99.9	301.3	27.8*	23.8	-14.5	386.6	999.9	99.9	999.9	72.1	130.
39.7	110.0	14270.9	129.0	-57.1	99.9	299.3	25.9*	22.8	-12.1	388.2	999.9	99.9	999.9	73.0	130.
40.3	111.0	14469.9	125.0	-57.9	99.9	297.2	25.2*	22.4	-11.5	390.1	999.9	99.9	999.9	73.6	130.
40.7	112.0	14623.2	122.0	-57.4	99.9	296.8	25.1*	22.4	-11.3	393.8	999.9	99.9	999.9	74.3	130.
41.3	113.0	14780.9	119.0	-56.4	99.9	297.9	24.3*	21.5	-11.4	398.5	999.9	99.9	999.9	75.2	130.
41.8	114.0	14942.9	116.0	-56.7	99.9	301.5	25.1*	21.4	-11.1	400.8	999.9	99.9	999.9	75.8	129.
42.2	115.0	15108.6	113.0	-57.9	99.9	304.8	26.4*	21.7	-11.1	401.5	999.9	99.9	999.9	76.5	129.
42.8	116.0	15278.1	110.0	-58.3	99.9	307.6	27.5	21.8	-11.6	404.0	999.9	99.9	999.9	77.5	129.
43.4	117.0	15452.1	107.0	-58.3	99.9	307.6	27.4	21.7	-16.7	407.2	999.9	99.9	999.9	78.5	129.
43.8	118.0	15631.2	104.0	-57.9	99.9	307.5	27.2	21.6	-16.5	411.2	999.9	99.9	999.9	79.2	129.
44.4	119.0	15753.4	102.0	-58.8	99.9	306.0	27.1	21.9	-15.9	411.7	999.9	99.9	999.9	80.1	129.
44.9	120.0	15940.3	99.0	-59.9	99.9	301.6	25.1	21.4	-13.2	413.1	999.9	99.9	999.9	81.0	129.
45.4	121.0	16132.5	96.0	-59.9	99.9	297.1	20.7	18.5	-11.5	416.8	999.9	99.9	999.9	81.9	129.
45.9	122.0	16263.9	94.0	-60.3	99.9	298.5	20.3	17.9	-9.7	418.6	999.9	99.9	999.9	82.0	129.
46.5	123.0	16397.6	92.0	-61.4	99.9	300.5	27.6	23.8	-14.0	418.9	999.9	99.9	999.9	82.6	129.
47.0	124.0	16603.2	89.0	-61.4	99.9	298.0	31.9	28.2	-15.0	422.9	999.9	99.9	999.9	84.4	129.
47.5	125.0	16744.3	87.0	-61.0	99.9	300.2	30.0	26.0	-11.1	426.5	999.9	99.9	999.9	84.3	129.
48.0	126.0	16962.5	84.0	-60.7	99.9	311.1	24.9	18.8	-11.4	431.5	999.9	99.9	999.9	86.3	129.
48.6	127.0	17112.8	82.0	-59.7	99.9	320.8	22.1	13.9	-17.1	436.4	999.9	99.9	999.9	86.3	129.
49.1	128.0	17267.7	80.0	-58.1	99.9	316.4	23.8	16.4	-17.3	442.8	999.9	99.9	999.9	87.0	129.
49.6	129.0	17427.1	78.0	-58.5	99.9	308.9	27.2	21.1	-17.1	445.3	999.9	99.9	999.9	87.9	129.
50.1	130.0	17590.4	76.0	-58.7	99.9	305.8	29.1	23.6	-17.0	448.3	999.9	99.9	999.9	88.7	129.
50.8	131.0	17844.1	73.0	-57.4	99.9	307.6	26.9	21.3	-16.4	456.1	999.9	99.9	999.9	90.0	129.
51.3	132.0	18019.6	71.0	-57.6	99.9	309.8	21.2	16.3	-13.5	459.3	999.9	99.9	999.9	90.9	129.
51.8	133.0	18199.9	69.0	-57.9	99.9	316.6	13.9	9.5	-11.1	462.4	999.9	99.9	999.9	91.3	129.
52.5	134.0	18385.5	67.0	-57.4	99.9	999.9	99.9	99.9	99.9	467.4	999.9	99.9	999.9	999.9	999.
52.9	135.0	18480.6	66.0	-57.4	99.9	999.9	99.9	99.9	99.9	469.4	999.9	99.9	999.9	999.9	999.
53.6	136.0	18773.4	63.0	-59.0	99.9	999.9	99.9	99.9	99.9	472.2	999.9	99.9	999.9	999.9	999.
54.1	137.0	18975.4	61.0	-59.9	99.9	999.9	99.9	99.9	99.9	474.5	999.9	99.9	999.9	999.9	999.

STATION NO. 662  
RAPID CITY, S D

7 FEBRUARY 1975  
1115 GMT

145 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
3.0	14.9	966.0	898.4	-7.2	-18.5	320.0	3.1	2.0	-2.4	274.3	277.1	1.0	40.0	0.0	0.
3.1	15.0	978.2	897.0	-4.6	-19.5	327.6	11.2	6.0	-9.4	277.2	279.7	0.9	30.0	0.2	144.
3.5	16.0	1093.8	884.0	-1.5	-16.4	327.6	11.2	6.0	-9.4	281.6	285.0	1.2	30.9	0.2	144.
0.8	17.0	1184.4	874.0	-1.5	-16.3	327.2	11.4	6.2	-9.6	282.5	286.0	1.2	31.3	0.4	146.
1.2	18.0	1285.1	863.0	-2.3	-16.4	326.8	12.3	6.8	-10.3	282.7	286.2	1.2	32.6	0.7	146.
1.5	19.0	1377.5	853.0	-3.2	-16.8	326.5	13.5	7.4	-11.2	282.7	286.1	1.2	33.9	0.9	146.
1.8	20.0	1470.6	843.0	-4.1	-17.2	325.4	14.5	8.2	-11.9	282.6	286.0	1.2	35.1	1.2	146.
2.2	21.0	1593.0	830.0	-4.9	-17.3	323.2	14.9	8.9	-11.9	283.1	286.5	1.2	37.0	1.6	146.
2.5	22.0	1688.2	820.0	-5.6	-17.5	321.0	14.5	9.1	-11.3	283.3	286.6	1.2	38.5	1.8	146.
2.9	23.0	1784.3	810.0	-6.4	-18.0	320.6	14.7	9.3	-11.4	283.5	286.7	1.1	39.0	2.2	145.
3.1	24.0	1891.0	799.0	-7.3	-18.3	320.5	15.0	9.5	-11.6	283.6	286.9	1.1	40.7	2.3	144.
3.4	25.0	1979.2	790.0	-8.0	-18.5	320.3	15.7	10.0	-12.1	283.8	287.0	1.1	42.4	2.6	144.
3.9	26.0	2097.9	778.0	-9.2	-18.9	318.0	17.4	11.7	-13.0	283.7	286.9	1.1	45.1	3.1	143.
4.2	27.0	2197.8	768.0	-10.0	-19.2	316.3	18.2	12.5	-13.1	283.9	287.0	1.1	46.8	3.4	143.
4.5	28.0	2298.8	758.0	-10.5	-19.8	314.6	18.7	13.3	-13.1	284.5	287.5	1.0	46.2	3.8	142.
4.8	29.0	2390.7	749.0	-10.9	-20.2	312.4	19.1	14.1	-12.9	285.0	287.9	1.0	46.3	4.1	141.
5.2	30.0	2493.9	739.0	-11.3	-20.8	309.8	19.7	15.1	-12.6	285.6	288.4	1.0	45.3	4.6	140.
5.4	31.0	2587.8	730.0	-11.8	-21.5	308.6	19.9	15.6	-12.4	286.1	288.8	0.9	44.1	4.8	140.
5.8	32.0	2693.4	720.0	-12.3	-21.7	306.0	19.6	15.8	-11.5	286.6	289.3	0.9	45.2	5.3	139.
6.1	33.0	2800.1	710.0	-13.2	-22.4	303.7	19.8	16.5	-11.0	286.8	289.4	0.9	45.6	5.6	138.
6.4	34.0	2897.2	701.0	-13.7	-23.0	301.2	21.5	18.4	-11.1	287.2	289.8	0.9	45.4	6.0	137.
6.7	35.0	2995.4	692.0	-14.0	-23.6	298.5	22.9	20.1	-10.9	288.0	290.4	0.8	43.8	6.3	136.
7.0	36.0	3117.1	681.0	-14.2	-24.4	295.8	24.1	21.7	-10.5	289.2	291.5	0.8	41.5	6.8	135.
7.2	37.0	3218.0	672.0	-14.3	-26.7	293.9	24.2	22.1	-7.8	290.1	292.0	0.6	33.9	7.1	134.
7.5	38.0	3320.2	663.0	-14.6	-28.2	291.2	24.4	22.8	-3.8	290.9	292.6	0.6	30.2	7.6	133.
7.9	39.0	3423.7	654.0	-14.7	-32.3	288.4	24.3	23.1	-7.7	291.8	293.1	0.4	20.7	8.0	131.
8.2	40.0	3528.5	645.0	-15.3	-33.5	287.7	24.5	23.3	-7.5	292.4	293.4	0.3	18.9	8.4	130.
8.6	41.0	3658.4	634.0	-15.8	-35.4	288.2	24.9	23.6	-7.8	293.2	294.1	0.3	16.7	9.0	128.
9.0	42.0	3766.3	625.0	-14.8	-33.8	290.1	25.1	23.6	-3.1	295.5	296.6	0.3	18.0	9.5	127.
9.3	43.0	3876.1	616.0	-15.0	-33.7	291.1	24.7	23.1	-8.9	296.5	297.7	0.4	18.5	10.0	126.
9.6	44.0	3974.8	608.0	-15.7	-33.3	291.6	24.3	22.6	-8.9	296.9	298.1	0.4	20.3	10.5	126.
10.0	45.0	4087.3	599.0	-15.8	-34.1	290.5	23.7	22.2	-6.3	298.0	299.1	0.4	19.0	11.0	125.
10.4	46.0	4201.4	590.0	-16.1	-35.0	287.8	23.2	22.1	-7.1	298.9	300.0	0.3	17.6	11.5	124.
10.7	47.0	4304.0	582.0	-16.9	-35.4	286.0	23.1	22.2	-6.4	299.1	300.2	0.3	18.2	11.9	124.
11.1	48.0	4407.7	574.0	-18.1	-36.1	284.2	23.2	22.5	-5.7	298.9	299.9	0.3	18.8	12.5	123.
11.5	49.0	4512.3	566.0	-19.2	-35.9	283.4	23.7	23.0	-5.5	298.8	299.8	0.3	21.1	12.9	122.
11.8	50.0	4631.4	557.0	-19.8	-35.1	283.3	23.9	23.2	-5.5	299.5	300.7	0.3	24.0	13.4	121.
12.2	51.0	4765.5	547.0	-21.1	-35.5	283.2	23.5	22.7	-5.4	299.5	300.6	0.3	26.0	14.0	121.
12.5	52.0	4874.1	539.0	-22.0	-35.9	283.1	22.9	22.7	-5.2	299.7	300.7	0.3	27.1	14.4	120.
12.9	53.0	4983.9	531.0	-23.2	-36.3	283.2	22.2	21.6	-5.1	299.5	300.5	0.3	28.8	14.8	119.
13.2	54.0	5094.8	523.0	-24.2	-36.5	283.8	22.3	21.6	-5.3	299.7	300.7	0.3	30.5	15.2	119.
13.6	55.0	5192.9	516.0	-25.1	-36.9	285.1	23.1	22.3	-6.0	299.7	300.7	0.3	32.2	15.7	119.
14.1	56.0	5334.8	506.0	-26.0	-37.4	287.1	25.0	23.9	-7.3	300.3	301.3	0.3	33.3	16.4	118.
14.4	57.0	5450.2	498.0	-26.3	-38.8	288.3	26.0	24.7	-8.2	301.3	302.2	0.3	29.3	16.9	118.
14.8	58.0	5552.3	491.0	-27.2	-39.5	289.5	27.1	25.5	-9.0	301.4	302.2	0.2	29.9	17.5	117.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

7 FEBRUARY 1975  
1115 GMT

145 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.1	59.0	5670.5	483.0	-28.0	-40.1	290.0	27.7	26.1	-9.5	301.8	302.6	0.2	30.3	18.0	117.
15.4	60.0	5775.2	476.0	-28.5	-40.9	290.1	28.2	26.5	-9.7	302.4	303.2	0.2	29.1	18.5	117.
15.8	61.0	5896.6	468.0	-28.8	-41.7	290.3	28.5	26.8	-9.9	303.6	304.3	0.2	27.4	19.2	117.
16.2	62.0	6004.3	461.0	-29.7	-42.7	290.9	29.1	27.2	-10.4	303.7	304.4	0.2	26.8	19.9	117.
16.5	63.0	6113.3	454.0	-30.0	-43.4	291.7	29.7	27.6	-11.0	304.7	305.3	0.2	25.4	20.3	116.
16.8	64.0	6223.8	447.0	-30.9	-44.5	292.6	30.7	28.3	-11.8	304.9	305.5	0.2	24.8	20.9	116.
17.2	65.0	6335.6	440.0	-31.8	-45.0	293.3	32.0	29.4	-12.7	305.1	305.7	0.2	25.5	21.7	116.
17.6	66.0	6481.3	431.0	-33.0	-45.9	293.5	33.3	30.5	-13.3	305.4	305.9	0.1	26.0	22.5	116.
18.0	67.0	6596.3	424.0	-34.0	-46.5	293.0	34.7	32.0	-13.5	305.7	306.1	0.1	26.7	23.2	116.
18.3	68.0	6712.7	417.0	-34.9	-47.2	292.1	35.3	32.7	-13.3	305.9	306.4	0.1	27.1	23.9	116.
18.7	69.0	6830.6	410.0	-36.0	-47.9	291.0	35.3	32.9	-12.6	306.0	306.5	0.1	27.8	24.8	116.
19.1	70.0	6950.0	403.0	-36.9	-47.7	290.0	34.2	32.1	-11.7	306.3	306.8	0.1	31.1	25.7	116.
19.7	71.0	7088.3	395.0	-38.5	-48.4	289.6	33.1	31.2	-11.1	306.0	306.4	0.1	34.0	26.8	115.
20.1	72.0	7211.0	388.0	-39.1	-46.3	290.3	34.0	31.8	-11.8	306.8	307.4	0.1	45.4	27.5	115.
20.5	73.0	7335.7	381.0	-39.6	-44.8	291.5	35.8	33.3	-13.1	307.7	308.3	0.2	57.3	28.4	115.
20.9	74.0	7444.1	375.0	-40.3	99.9	292.4	36.6	33.7	-14.0	308.3	999.9	99.9	999.9	29.3	115.
21.2	75.0	7553.9	369.0	-41.4	99.9	292.8	37.0	34.1	-14.1	308.2	999.9	99.9	999.9	30.0	115.
21.5	76.0	7683.9	362.0	-41.5	99.9	293.0	37.2	34.3	-14.1	309.7	999.9	99.9	999.9	30.7	115.
21.9	77.0	7797.1	356.0	-42.1	99.9	293.0	38.7	35.6	-15.1	310.5	999.9	99.9	999.9	31.4	115.
22.2	78.0	7912.0	350.0	-42.6	99.9	293.2	40.0	36.7	-15.7	311.2	999.9	99.9	999.9	32.2	115.
22.6	79.0	8048.2	343.0	-43.5	99.9	293.3	41.6	38.2	-16.5	311.9	999.9	99.9	999.9	33.2	115.
23.0	80.0	8166.5	337.0	-44.9	99.9	293.2	42.9	39.4	-16.9	311.6	999.9	99.9	999.9	34.3	115.
23.4	81.0	8306.4	330.0	-46.3	99.9	292.2	43.6	40.4	-16.5	311.5	999.9	99.9	999.9	35.2	115.
23.8	82.0	8428.1	324.0	-47.3	99.9	291.4	43.9	40.9	-16.0	311.7	999.9	99.9	999.9	36.4	115.
24.2	83.0	8551.4	318.0	-48.5	99.9	291.4	44.2	41.2	-16.1	311.7	999.9	99.9	999.9	37.5	114.
24.7	84.0	8676.4	312.0	-49.6	99.9	293.0	44.8	41.3	-17.5	312.0	999.9	99.9	999.9	38.6	114.
25.1	85.0	8803.2	306.0	-50.8	99.9	295.0	44.4	40.2	-18.7	312.0	999.9	99.9	999.9	39.8	114.
25.5	86.0	8953.6	299.0	-51.8	99.9	297.4	41.3	36.7	-19.0	312.6	999.9	99.9	999.9	41.1	114.
25.9	87.0	9062.7	294.0	-52.9	99.9	299.0	37.8	33.0	-19.3	312.6	999.9	99.9	999.9	42.0	114.
26.3	88.0	9195.4	288.0	-53.9	99.9	298.8	39.5	34.6	-19.0	313.0	999.9	99.9	999.9	42.5	115.
26.7	89.0	9330.3	282.0	-54.8	99.9	297.7	44.2	39.2	-20.6	313.6	999.9	99.9	999.9	43.3	115.
27.1	90.0	9444.5	277.0	-55.5	99.9	296.7	48.5	43.3	-21.7	314.2	999.9	99.9	999.9	44.7	115.
27.4	91.0	9560.4	272.0	-56.5	99.9	296.3	47.5	42.6	-21.0	314.4	999.9	99.9	999.9	46.0	115.
27.8	92.0	9701.7	266.0	-57.3	99.9	296.5	44.7	40.0	-19.7	315.2	999.9	99.9	999.9	47.0	115.
28.2	93.0	9845.4	260.0	-58.9	99.9	297.2	44.9*	40.0	-20.1	315.0	999.9	99.9	999.9	47.6	115.
28.5	94.0	9967.0	255.0	-59.7	99.9	297.8	47.7*	42.2	-22.3	315.5	999.9	99.9	999.9	48.0	115.
28.8	95.0	10090.6	250.0	-60.4	99.9	298.1	51.0*	45.0	-26.0	316.2	999.9	99.9	999.9	49.5	115.
29.2	96.0	10241.5	244.0	-61.7	99.9	297.9	51.9*	45.8	-26.3	316.5	999.9	99.9	999.9	51.0	115.
29.6	97.0	10369.4	239.0	-62.6	99.9	297.3	49.0*	43.5	-22.5	317.0	999.9	99.9	999.9	52.1	115.
30.0	98.0	10499.8	234.0	-62.8	99.9	296.8	44.7*	39.9	-20.2	318.6	999.9	99.9	999.9	53.3	115.
30.3	99.0	10632.4	229.0	-64.0	99.9	297.9	43.1*	38.1	-20.2	318.9	999.9	99.9	999.9	53.9	115.
30.7	100.0	10767.7	224.0	-64.0	99.9	299.8	41.0*	35.6	-20.4	320.9	999.9	99.9	999.9	54.9	115.
31.1	101.0	10906.5	219.0	-62.6	99.9	301.3	38.0*	33.2	-20.2	325.0	999.9	99.9	999.9	56.1	115.
31.4	102.0	11048.9	214.0	-62.6	99.9	301.0	36.8*	31.7	-19.0	327.2	999.9	99.9	999.9	56.7	115.
31.9	103.0	11165.2	210.0	-62.6	99.9	298.7	34.8*	30.7	-15.7	328.9	999.9	99.9	999.9	57.5	116.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 662  
RAPID CITY, S D

7 FEBRUARY 1975  
1115 GMT

145 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
32.3	104.0	11314.0	205.0	-62.1	99.9	297.2	34.1*	30.3	-15.6	332.1	999.9	99.9	999.9	58.6	116.
32.7	105.0	11436.2	201.0	-60.8	99.9	296.7	33.4*	29.8	-15.0	336.0	999.9	99.9	999.9	59.3	116.
33.1	106.0	11593.7	196.0	-58.5	99.9	297.3	32.6*	29.0	-15.0	342.1	999.9	99.9	999.9	59.9	116.
33.4	107.0	11723.7	192.0	-57.3	99.9	298.3	32.2*	28.4	-15.3	346.0	999.9	99.9	999.9	60.9	115.
33.9	108.0	11856.8	188.0	-57.2	99.9	298.0	33.6*	29.7	-15.8	348.4	999.9	99.9	999.9	61.4	116.
34.3	109.0	11993.0	184.0	-56.8	99.9	296.9	36.8*	32.9	-16.7	351.1	999.9	99.9	999.9	62.4	116.
34.7	110.0	12132.6	180.0	-56.0	99.9	296.7	40.0*	35.8	-18.0	354.6	999.9	99.9	999.9	63.4	116.
35.2	111.0	12312.0	175.0	-55.3	99.9	298.2	41.4*	36.5	-17.5	358.6	999.9	99.9	999.9	64.6	116.
35.6	112.0	12459.7	171.0	-55.0	99.9	299.5	39.7*	34.5	-19.5	361.5	999.9	99.9	999.9	65.8	116.
36.0	113.0	12610.8	167.0	-55.3	99.9	299.5	36.6*	31.9	-18.1	363.4	999.9	99.9	999.9	66.6	116.
36.5	114.0	12765.2	163.0	-56.0	99.9	296.9	36.9*	32.9	-16.7	364.9	999.9	99.9	999.9	67.5	116.
36.9	115.0	12923.5	159.0	-55.3	99.9	295.6	39.7*	35.8	-17.1	368.6	999.9	99.9	999.9	68.3	116.
37.4	116.0	13086.0	155.0	-55.5	99.9	295.9	39.1*	35.2	-17.1	371.0	999.9	99.9	999.9	69.9	116.
37.8	117.0	13252.4	151.0	-56.2	99.9	297.1	35.1*	31.3	-15.0	372.6	999.9	99.9	999.9	70.9	116.
38.2	118.0	13423.0	147.0	-56.3	99.9	297.9	32.5*	28.7	-15.2	375.2	999.9	99.9	999.9	71.5	116.
38.6	119.0	13553.9	144.0	-56.7	99.9	297.1	33.3*	29.6	-15.1	376.9	999.9	99.9	999.9	71.9	116.
39.0	120.0	13732.5	140.0	-56.8	99.9	294.8	38.0*	34.5	-15.0	379.6	999.9	99.9	999.9	72.9	116.
39.5	121.0	13870.1	137.0	-55.5	99.9	292.1	40.5*	37.5	-15.3	384.3	999.9	99.9	999.9	74.3	116.
39.9	122.0	14058.8	133.0	-56.2	99.9	291.8	35.9*	33.3	-13.3	386.4	999.9	99.9	999.9	75.3	116.
40.3	123.0	14203.4	130.0	-57.2	99.9	293.6	30.0*	27.5	-12.0	387.1	999.9	99.9	999.9	76.2	116.
40.7	124.0	14351.0	127.0	-57.7	99.9	296.6	25.9*	23.7	-11.6	388.8	999.9	99.9	999.9	76.7	116.
41.3	125.0	14552.8	123.0	-58.0	99.9	297.7	24.8*	21.7	-11.5	391.8	999.9	99.9	999.9	77.4	116.
41.8	126.0	14760.8	119.0	-58.7	99.9	295.8	25.4*	22.9	-11.1	394.2	999.9	99.9	999.9	78.4	116.
42.4	127.0	14921.2	116.0	-58.7	99.9	297.4	27.2*	24.2	-12.5	397.1	999.9	99.9	999.9	78.8	116.
42.8	128.0	15085.7	113.0	-59.0	99.9	301.1	28.4*	24.3	-14.7	399.5	999.9	99.9	999.9	79.9	116.
43.3	129.0	15254.5	110.0	-58.9	99.9	305.3	28.8*	23.5	-16.6	402.9	999.9	99.9	999.9	80.8	116.
43.7	130.0	15423.1	107.0	-58.9	99.9	306.8	28.7*	23.0	-17.1	406.1	999.9	99.9	999.9	81.3	116.
44.4	131.0	15666.6	103.0	-60.1	99.9	307.9	27.2*	21.5	-16.7	408.2	999.9	99.9	999.9	82.6	116.
44.8	132.0	15789.1	101.0	-59.6	99.9	308.9	24.7*	19.2	-15.5	411.5	999.9	99.9	999.9	83.4	116.
45.3	133.0	15977.7	98.0	-59.6	99.9	306.4	22.6*	18.2	-15.4	415.1	999.9	99.9	999.9	83.8	116.
45.9	134.0	16172.0	95.0	-60.1	99.9	296.9	22.5*	20.1	-17.2	417.7	999.9	99.9	999.9	84.6	116.
46.4	135.0	16372.1	92.0	-60.4	99.9	290.9	22.4*	20.9	-18.0	420.9	999.9	99.9	999.9	85.6	116.
47.1	136.0	16578.7	89.0	-60.3	99.9	289.5	26.4*	24.9	-18.8	425.2	999.9	99.9	999.9	85.9	116.
47.8	137.0	16865.3	85.0	-60.4	99.9	288.1	25.6*	24.3	-13.0	430.5	999.9	99.9	999.9	87.9	116.
48.4	138.0	17089.4	82.0	-60.1	99.9	283.5	17.9*	17.4	-4.2	435.7	999.9	99.9	999.9	88.1	116.
49.0	139.0	17321.5	79.0	-61.0	99.9	281.6	20.3*	19.9	-4.1	438.5	999.9	99.9	999.9	89.0	116.
49.7	140.0	17562.3	76.0	-60.6	99.9	292.2	30.1*	27.9	-11.4	444.1	999.9	99.9	999.9	89.8	116.
50.4	141.0	17812.7	73.0	-61.2	99.9	302.8	30.4*	25.6	-16.5	448.1	999.9	99.9	999.9	91.5	116.
51.1	142.0	18073.0	70.0	-61.5	99.9	306.5	27.7*	22.2	-16.1	452.8	999.9	99.9	999.9	92.2	116.
51.8	143.0	18344.1	67.0	-62.3	99.9	310.0	19.1*	14.6	-12.8	456.9	999.9	99.9	999.9	93.8	116.
52.5	144.0	18627.5	64.0	-61.5	99.9	325.9	13.9*	7.8	-11.5	464.5	999.9	99.9	999.9	94.0	116.
53.2	145.0	18927.4	61.0	-58.3	99.9	318.0	21.1	1.1	-15.7	478.0	999.9	99.9	999.9	94.6	117.
54.0	146.0	19244.7	58.0	-58.3	99.9	304.6	30.0	2.7	-17.0	485.0	999.9	99.9	999.9	95.4	117.
54.8	147.0	19577.8	55.0	-59.7	99.9	302.3	29.5	25.0	-15.8	489.2	999.9	99.9	999.9	97.4	117.
55.7	148.0	19927.2	52.0	-61.2	99.9	308.8	13.8	10.8	-8.7	493.8	999.9	99.9	999.9	99.0	117.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662  
RAPID CITY, S D

7 FEBRUARY 1971  
1115 GMT

145 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.5	149.0	20295.9	49.0	-61.5	99.9	311.5	8.5	6.3	-5.6	501.4	999.9	99.9	999.9	98.9	117.
17.4	150.0	20554.1	47.0	-61.7	99.9	326.1	10.6	5.0	-6.8	507.0	999.9	99.9	999.9	99.5	117.
18.2	151.0	20963.1	44.0	-61.2	99.9	320.0	15.0	9.6	-11.5	517.9	999.9	99.9	999.9	100.0	117.
19.2	152.0	21401.2	41.0	-61.5	99.9	316.1	13.6	9.4	-8.8	527.6	999.9	99.9	999.9	101.2	117.
20.3	153.0	21870.8	38.0	-62.8	99.9	322.5	9.8	6.0	-7.7	535.9	999.9	99.9	999.9	101.5	118.
21.3	154.0	22204.7	36.0	-61.7	99.9	325.2	16.1	9.2	-12.2	547.1	999.9	99.9	999.9	102.3	118.
22.5	155.0	22744.3	33.0	-61.2	99.9	323.3	32.5	17.4	-15.1	562.4	999.9	99.9	999.9	104.3	118.
23.7	156.0	23336.9	30.0	-60.6	99.9	336.9	16.2	6.3	-14.9	579.4	999.9	99.9	999.9	105.8	119.
25.0	157.0	23991.4	27.0	-61.5	99.9	999.9	99.9	99.9	99.9	594.6	999.9	99.9	999.9	999.9	999.
26.5	158.0	24465.2	25.0	-64.4	99.9	999.9	99.9	99.9	99.9	599.7	999.9	99.9	999.9	999.9	999.

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

5 FEBRUARY 1975  
2315 GMT

110 85. 0

TIME 4IN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	6.2	180.0	991.2	13.4	9.1	270.0	2.1	7.1	0.0	288.2	307.3	7.3	75.0	0.0	0.
0.3	7.0	275.6	980.0	12.2	7.4	279.1	7.7	7.6	-1.2	287.9	305.2	6.6	72.3	0.2	107.
0.8	8.0	378.8	968.0	11.3	7.2	283.2	9.3	8.1	-1.9	288.0	305.2	6.6	75.9	0.4	104.
1.2	9.0	491.7	955.0	10.5	6.9	287.5	9.2	8.8	-2.8	288.3	305.3	6.5	77.6	0.6	105.
1.6	10.0	597.0	943.0	9.4	6.7	289.6	10.4	9.8	-3.5	288.2	305.3	6.6	83.1	0.8	106.
2.1	11.0	730.0	928.0	8.5	7.1	287.3	12.0	11.5	-1.6	288.6	306.5	6.8	90.7	1.2	107.
2.3	12.0	846.6	915.0	7.2	6.5	285.3	12.0	11.6	-2.2	288.5	305.9	6.7	94.9	1.3	107.
2.8	13.0	955.2	903.0	6.0	5.5	278.4	12.2	12.0	-1.8	288.2	304.7	6.3	96.3	1.7	106.
3.2	14.0	1064.9	891.0	5.5	5.0	272.6	12.5	12.5	-0.6	288.8	305.0	6.2	96.8	2.0	104.
3.5	15.0	1185.2	878.0	4.8	4.5	268.7	12.9	12.9	0.3	289.2	304.9	5.9	96.4	2.2	103.
4.2	16.0	1316.3	864.0	3.9	3.2	260.4	14.7	14.5	2.5	289.6	304.5	5.6	94.9	2.7	99.
4.7	17.0	1429.9	852.0	2.7	2.0	260.4	15.0	14.8	2.5	289.5	303.4	5.2	94.8	3.2	96.
5.2	18.0	1544.8	840.0	2.1	1.2	259.1	14.5	14.3	2.8	289.9	303.3	5.0	93.9	3.6	94.
5.6	19.0	1660.9	828.0	1.3	-2.4	256.9	15.9	15.5	3.6	290.1	300.7	3.9	76.6	3.9	93.
5.9	20.0	1778.3	816.0	0.4	-2.5	254.8	16.6	16.1	4.3	290.5	301.3	4.0	81.9	4.2	92.
6.4	21.0	1916.9	802.0	-1.2	-3.3	249.7	14.0	13.1	4.8	290.2	300.4	3.7	85.2	4.7	90.
6.9	22.0	2027.1	791.0	-1.8	-6.7	248.9	13.0	12.1	4.7	290.5	298.7	2.9	69.2	5.0	88.
7.6	23.0	2148.6	779.0	-2.7	-7.5	251.1	15.4	14.6	5.0	290.8	298.8	2.9	72.2	5.6	86.
8.1	24.0	2281.8	766.0	-3.8	-6.3	250.8	16.9	16.0	5.6	291.0	299.7	3.1	82.8	6.1	85.
8.5	25.0	2395.9	755.0	-4.9	-6.7	249.8	18.0	16.9	6.2	291.1	299.6	3.1	86.9	6.5	84.
9.1	26.0	2543.1	741.0	-5.4	-6.6	248.3	19.0	17.1	7.0	292.1	300.9	3.2	91.2	7.1	83.
9.6	27.0	2660.5	730.0	-5.8	-14.1	249.4	20.1	18.1	7.1	292.7	297.8	1.8	51.9	7.7	82.
10.2	28.0	2779.5	719.0	-6.1	-18.9	253.2	22.8	21.1	6.6	293.6	297.1	1.2	35.4	8.4	81.
10.6	29.0	2900.0	708.0	-6.7	-20.1	255.6	25.1	24.4	6.2	294.2	297.3	1.0	31.7	9.0	80.
11.0	30.0	3022.2	697.0	-7.0	-22.5	257.5	27.6	27.0	6.0	295.2	297.9	0.9	28.1	9.6	80.
11.5	31.0	3169.0	684.0	-7.3	-23.6	259.2	30.0	29.5	5.6	296.4	299.0	0.8	25.7	10.5	80.
11.9	32.0	3295.0	673.0	-8.3	-23.7	259.8	31.5	31.1	5.6	296.7	299.3	0.9	28.9	11.3	80.
12.3	33.0	3411.1	663.0	-9.1	-22.6	259.6	32.7	32.1	5.9	297.1	300.0	0.9	32.3	12.0	80.
12.7	34.0	3540.3	652.0	-9.9	-20.9	258.7	33.8	33.1	6.6	297.6	300.9	1.1	40.0	12.8	80.
13.3	35.0	3671.3	641.0	-11.0	-22.4	256.5	35.2	34.2	3.2	297.9	300.9	1.0	38.0	14.1	80.
13.8	36.0	3816.4	629.0	-11.4	-24.5	254.9	36.0	34.7	7.4	299.0	301.5	0.8	32.3	15.2	79.
14.3	37.0	3939.1	619.0	-12.4	-27.5	254.1	36.3	35.0	9.9	299.2	301.3	0.7	28.2	16.2	79.
14.8	38.0	4075.9	608.0	-13.4	-28.1	254.1	36.3	34.9	10.0	299.6	301.5	0.6	27.5	17.3	79.
15.4	39.0	4201.9	598.0	-14.2	-28.6	254.3	36.4	35.0	9.8	300.0	301.9	0.6	28.3	18.6	78.
16.0	40.0	4329.7	588.0	-15.0	-29.3	255.0	37.7	36.4	9.7	300.5	302.3	0.6	28.3	19.8	78.
16.7	41.0	4485.5	576.0	-15.6	-22.9	256.4	40.0	38.9	9.4	301.7	304.9	1.0	53.3	21.6	78.
17.2	42.0	4617.5	566.0	-16.1	-28.6	257.3	42.9*	41.9	9.5	302.5	304.5	0.6	32.9	22.7	78.
17.8	43.0	4738.1	557.0	-16.8	-25.2	257.8	47.4*	46.3	10.1	303.1	305.9	0.9	48.0	24.4	78.
18.3	44.0	4874.2	547.0	-16.8	-26.4	257.9	48.3*	47.3	10.1	304.7	307.3	0.8	44.2	26.0	78.
18.9	45.0	5013.0	537.0	-15.9	-29.3	257.8	47.1*	46.1	9.9	307.4	309.4	0.6	30.4	27.7	78.
19.7	46.0	5168.9	526.0	-16.1	-60.7	257.0	50.1*	48.1	11.3	308.8	308.9	0.0	1.0	29.8	78.
20.2	47.0	5298.6	517.0	-17.2	-31.7	255.7	50.5*	48.9	12.4	309.1	310.8	0.5	26.9	31.5	78.
20.7	48.0	5444.7	507.0	-18.3	-30.6	253.9	47.5*	45.6	13.1	309.5	311.4	0.6	32.9	33.1	78.
21.2	49.0	5578.2	498.0	-19.5	-29.8	252.3	46.5*	44.3	14.1	309.6	311.7	0.6	39.3	34.2	78.
21.7	50.0	5713.4	489.0	-20.5	-30.6	251.8	50.1*	47.6	15.7	310.1	312.0	0.6	39.5	35.6	77.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

5 FEBRUARY 1975  
2315 GMT

110 85. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
22.3	51.0	5881.4	478.0	-21.8	-31.0	252.1	55.4*	52.7	17.1	310.4	312.3	0.6	41.0	37.6	77.
22.8	52.0	6021.1	469.0	-22.8	-32.0	252.8	59.6*	56.9	17.7	310.9	312.7	0.5	40.2	39.3	77.
23.3	53.0	6163.0	460.0	-23.9	-33.0	253.6	63.1*	60.6	17.8	311.2	312.9	0.5	42.8	41.1	77.
24.0	54.0	6307.0	451.0	-24.6	-34.7	253.9	60.1*	57.7	15.7	312.1	313.6	0.4	38.4	44.1	76.
24.7	55.0	6437.1	443.0	-25.5	-36.3	251.2	46.6*	44.1	15.0	312.5	313.8	0.4	35.6	46.2	76.
25.4	56.0	6619.1	432.0	-26.6	-38.3	247.9	37.2*	34.1	14.0	313.4	314.5	0.3	31.7	48.0	76.
26.0	57.0	6753.8	424.0	-27.9	-39.5	246.7	33.3*	30.6	13.1	313.4	314.4	0.3	31.7	49.1	76.
26.6	58.0	6890.3	416.0	-29.2	-40.4	248.2	40.1*	37.2	14.9	313.5	314.4	0.3	32.6	50.1	76.
27.2	59.0	7046.3	407.0	-30.3	-41.0	249.3	53.2*	49.4	15.7	314.1	314.9	0.2	31.8	51.7	75.
27.8	60.0	7197.1	399.0	-31.6	-42.0	246.8	61.2*	56.2	16.1	314.1	314.9	0.2	32.3	54.1	75.
28.4	61.0	7366.1	390.0	-33.4	-44.0	246.2	65.3*	59.7	16.4	314.0	314.7	0.2	33.4	56.3	75.
28.9	62.0	7511.7	381.0	-34.6	-44.6	246.4	70.0*	64.1	18.0	314.3	315.0	0.2	34.9	58.1	74.
29.5	63.0	7659.5	373.0	-36.1	-46.5	245.9	71.5*	65.3	19.2	314.3	314.8	0.2	32.9	61.1	74.
30.0	64.0	7809.7	365.0	-37.1	-46.9	244.2	65.7*	59.2	18.6	314.8	315.4	0.1	34.9	63.1	74.
30.6	65.0	7943.3	358.0	-38.2	-47.8	242.0	62.2*	54.9	19.2	315.1	315.6	0.1	35.3	65.2	73.
31.2	66.0	8118.1	349.0	-39.5	-48.9	240.3	63.1*	54.8	21.3	315.6	316.1	0.1	35.7	67.3	73.
31.8	67.0	8276.4	341.0	-40.6	-49.9	237.9	57.8*	49.0	20.8	316.3	999.9	99.9	999.9	69.7	73.
32.5	68.0	8417.2	334.0	-42.0	-49.0	232.6	45.4*	36.0	27.6	316.3	999.9	99.9	999.9	72.0	72.
33.2	69.0	8580.9	326.0	-43.4	-49.9	224.0	31.9*	22.2	22.9	316.6	999.9	99.9	999.9	73.3	72.
33.8	70.0	8726.5	319.0	-44.8	-49.9	222.0	25.8*	17.2	19.1	316.7	999.9	99.9	999.9	73.9	71.
34.5	71.0	8895.9	311.0	-46.2	-49.9	229.5	26.6*	20.2	17.3	317.0	999.9	99.9	999.9	74.8	71.
35.0	72.0	9046.8	304.0	-47.6	-49.9	231.2	26.4*	21.6	16.6	317.1	999.9	99.9	999.9	76.1	71.
35.6	73.0	9200.2	297.0	-48.9	-49.9	235.4	31.2*	25.7	17.7	317.3	999.9	99.9	999.9	76.2	70.
36.2	74.0	9356.3	290.0	-50.6	-49.0	238.5	35.8*	30.1	18.7	317.2	999.9	99.9	999.9	77.9	70.
36.7	75.0	9492.2	284.0	-52.1	-49.0	239.1	33.8*	28.7	17.8	316.9	999.9	99.9	999.9	79.2	70.
37.4	76.0	9676.7	276.0	-53.3	-49.0	239.2	38.2*	32.8	19.6	317.7	999.9	99.9	999.9	80.0	70.
38.0	77.0	9842.0	269.0	-53.8	-49.0	242.0	55.5*	49.0	26.0	319.4	999.9	99.9	999.9	81.4	70.
38.6	78.0	10011.3	262.0	-53.9	-49.9	241.9	65.8*	58.0	31.0	321.6	999.9	99.9	999.9	84.1	69.
39.1	79.0	10159.8	256.0	-54.7	-49.9	239.9	66.0*	57.1	33.1	322.5	999.9	99.9	999.9	86.3	69.
39.6	80.0	10311.3	250.0	-55.5	-49.9	237.5	65.1**	54.9	35.0	323.6	999.9	99.9	999.9	87.8	69.
40.2	81.0	10491.7	243.0	-57.1	-49.9	236.4	69.5**	57.8	38.5	323.7	999.9	99.9	999.9	90.3	69.
40.7	82.0	10649.6	237.0	-57.8	-49.0	236.9	76.9**	64.4	42.0	325.1	999.9	99.9	999.9	92.2	68.
41.2	83.0	10811.2	231.0	-58.1	-49.0	237.0	84.0**	70.5	45.7	326.9	999.9	99.9	999.9	94.8	68.
41.8	84.0	10977.7	225.0	-56.2	-49.9	236.6	91.2**	76.1	50.2	332.5	999.9	99.9	999.9	97.9	68.
42.5	85.0	11120.8	220.0	-55.5	-49.9	237.4	101.3**	87.3	54.5	335.6	999.9	99.9	999.9	101.3	67.
43.4	86.0	11326.9	213.0	-55.5	-49.9	237.8	76.4**	64.7	40.7	338.7	999.9	99.9	999.9	107.7	67.
44.2	87.0	11508.8	207.0	-56.2	-49.9	239.1	47.1**	40.4	24.2	340.5	999.9	99.9	999.9	109.7	67.
44.8	88.0	11696.0	201.0	-55.5	-49.0	242.2	41.9**	37.1	19.5	344.4	999.9	99.9	999.9	111.3	67.
45.4	89.0	11856.9	196.0	-54.7	-49.0	244.8	41.7**	37.7	17.8	348.1	999.9	99.9	999.9	112.7	66.
46.0	90.0	12022.4	191.0	-54.4	-49.0	246.2	42.9**	39.3	17.3	351.2	999.9	99.9	999.9	114.2	66.
46.7	91.0	12226.4	185.0	-55.4	-49.9	246.5	46.5**	42.6	18.5	352.9	999.9	99.9	999.9	116.1	66.
47.2	92.0	12401.0	180.0	-56.0	-49.9	246.5	48.2**	44.2	19.2	354.6	999.9	99.9	999.9	117.5	66.
47.7	93.0	12580.1	175.0	-56.2	-49.9	246.5	48.6**	44.6	19.4	357.2	999.9	99.9	999.9	119.1	66.
48.3	94.0	12764.2	170.0	-56.5	-49.9	246.5	51.9**	47.6	20.7	359.7	999.9	99.9	999.9	120.7	66.
48.9	95.0	12953.2	165.0	-57.5	-49.0	246.5	59.9**	55.0	23.9	361.1	999.9	99.9	999.9	122.4	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

5 FEBRUARY 1975  
2315 GMT

110 85. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CONDI M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
49.7	96.0	13147.0	160.0	-58.8	99.9	246.5	56.0**	51.3	22.3	362.0	999.9	99.9	999.9	126.1	66.
50.4	97.0	13345.8	155.0	-59.9	99.9	246.5	46.2**	42.4	18.4	363.5	999.9	99.9	999.9	127.8	66.
51.1	98.0	13550.4	150.0	-60.6	99.9	245.6	58.9**	53.6	24.3	365.8	999.9	99.9	999.9	129.6	66.
51.7	99.0	13718.5	146.0	-61.1	99.9	244.0	80.3**	72.1	35.2	367.7	999.9	99.9	999.9	131.9	66.
52.3	100.0	13890.7	142.0	-61.8	99.9	242.8	81.5**	72.5	37.2	369.4	999.9	99.9	999.9	136.0	66.
53.0	101.0	14112.1	137.0	-62.9	99.9	242.9	61.5**	54.7	28.1	371.2	999.9	99.9	999.9	138.8	66.
53.7	102.0	14293.8	133.0	-64.6	99.9	244.2	79.0**	71.1	34.5	371.4	999.9	99.9	999.9	140.5	66.
54.3	103.0	14480.9	129.0	-63.5	99.9	245.1	93.2**	84.6	39.2	376.7	999.9	99.9	999.9	144.9	66.
54.9	104.0	14674.4	125.0	-63.3	99.9	245.8	73.3**	66.9	30.0	380.4	999.9	99.9	999.9	148.4	66.
55.7	105.0	14873.9	121.0	-64.2	99.9	246.2	54.2**	49.6	21.9	382.3	999.9	99.9	999.9	150.4	66.
56.4	106.0	15132.9	116.0	-63.1	99.9	246.2	66.8**	61.1	27.0	389.0	999.9	99.9	999.9	152.5	66.
57.2	107.0	15294.2	113.0	-62.7	99.9	246.2	58.7**	53.7	25.7	392.6	999.9	99.9	999.9	156.8	66.
57.8	108.0	15516.2	109.0	-63.1	99.9	246.2	32.1**	29.4	12.9	396.0	999.9	99.9	999.9	158.6	66.
58.5	109.0	15745.9	105.0	-63.6	99.9	246.2	9.5**	5.7	2.8	399.2	999.9	99.9	999.9	158.2	66.
59.1	110.0	15923.5	102.0	-64.4	99.9	246.2	7.1**	6.5	2.9	401.0	999.9	99.9	999.9	159.3	66.
59.8	111.0	16168.2	98.0	-64.2	99.9	246.2	9.3**	8.5	3.8	406.0	999.9	99.9	999.9	159.5	66.
60.5	112.0	16423.1	94.0	-64.4	99.9	999.9	99.9	99.9	99.9	410.5	999.9	99.9	999.9	999.9	999.
61.2	113.0	16621.2	91.0	-65.0	99.9	999.9	99.9	99.9	99.9	413.2	999.9	99.9	999.9	999.9	999.
61.8	114.0	16824.8	88.0	-66.6	99.9	999.9	99.9	99.9	99.9	414.0	999.9	99.9	999.9	999.9	999.
62.4	115.0	17034.8	85.0	-66.4	99.9	999.9	99.9	99.9	99.9	418.5	999.9	99.9	999.9	999.9	999.

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
515 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	180.0	993.0	6.3	5.7	240.0	0.5	0.4	0.3	280.8	295.5	5.8	96.0	0.0	0.
0.3	7.0	254.9	984.0	7.1	6.1	275.4	9.5	7.4	-0.9	282.3	297.8	6.0	93.6	0.2	71.
0.7	8.0	356.0	972.0	7.3	5.8	274.4	10.5	19.5	-0.8	283.5	298.9	6.0	90.6	0.3	80.
1.1	9.0	458.3	960.0	6.9	5.5	272.6	12.2	12.1	-0.6	284.1	299.4	5.9	90.6	0.6	86.
1.4	10.0	553.2	949.0	6.9	2.6	270.7	12.8	12.1	-0.2	284.9	297.7	4.9	74.1	0.8	88.
2.0	11.0	675.3	935.0	6.4	2.1	268.7	12.1	12.1	0.3	285.6	298.1	4.8	74.0	1.2	88.
2.4	12.0	772.3	924.0	5.3	1.1	269.0	12.0	12.1	0.2	285.4	297.3	4.5	74.4	1.6	89.
2.8	13.0	870.1	913.0	4.6	0.4	267.8	11.7	11.1	0.4	285.6	297.2	4.4	75.3	1.8	89.
3.3	14.0	968.8	902.0	3.5	0.4	264.5	11.0	10.1	1.0	285.5	297.3	4.5	81.3	2.1	88.
3.8	15.0	1077.5	890.0	2.5	0.9	259.7	11.6	11.4	2.1	285.6	297.7	4.6	89.2	2.5	88.
4.3	16.0	1196.5	877.0	1.8	0.9	256.1	12.0	11.1	2.9	286.1	298.4	4.7	93.7	2.8	86.
4.7	17.0	1298.3	866.0	1.2	-0.8	256.7	12.2	11.1	2.8	286.4	297.5	4.2	86.7	3.1	85.
5.2	18.0	1401.1	855.0	0.7	-2.2	259.9	12.3	12.1	2.1	286.8	297.1	3.8	81.1	3.5	84.
5.6	19.0	1505.1	844.0	-0.2	-3.2	261.6	12.5	12.4	1.8	287.0	296.6	3.6	79.3	3.8	84.
5.9	20.0	1600.4	834.0	-0.8	-4.1	262.3	12.9	12.1	1.7	287.3	296.4	3.4	78.2	4.0	84.
6.4	21.0	1725.8	821.0	-2.0	-5.4	264.8	12.0	12.1	1.1	287.3	295.8	3.1	76.9	4.4	84.
6.8	22.0	1832.9	810.0	-3.1	-6.5	265.9	11.6	11.6	0.8	287.2	295.2	2.9	77.3	4.7	84.
7.3	23.0	1931.2	800.0	-3.7	-5.4	265.9	12.1	12.1	0.9	287.6	296.3	3.2	87.9	5.0	84.
7.7	24.0	2030.6	790.0	-3.9	-9.6	266.0	13.3	13.3	0.9	288.4	294.9	2.3	64.4	5.3	84.
8.1	25.0	2141.4	779.0	-3.5	-12.3	266.0	14.8	14.8	1.0	289.8	295.1	1.9	49.6	5.7	84.
8.6	26.0	2264.1	767.0	-4.0	-10.5	264.8	16.7	16.6	1.5	290.6	297.0	2.3	61.2	6.1	85.
8.9	27.0	2378.1	756.0	-4.3	-10.5	264.8	17.2	17.1	1.6	291.5	297.9	2.2	61.2	6.5	84.
9.3	28.0	2472.3	747.0	-5.2	-11.5	265.6	17.5	17.4	1.3	291.5	297.5	2.1	61.5	6.9	84.
9.7	29.0	2578.0	737.0	-6.2	-12.3	266.6	17.8	17.7	1.1	291.6	297.3	2.0	61.9	7.3	85.
10.2	30.0	2684.8	727.0	-7.1	-13.1	267.0	18.5	17.5	1.0	291.7	297.2	1.9	62.1	7.8	85.
10.6	31.0	2792.7	717.0	-7.8	-23.2	266.4	19.1	19.1	1.2	291.9	294.4	0.8	27.7	8.3	85.
10.9	32.0	2901.8	707.0	-8.6	-24.0	265.3	19.4	19.3	1.6	292.2	294.6	0.8	27.4	8.7	85.
11.3	33.0	3000.9	698.0	-9.4	-25.2	263.6	19.2	19.1	2.1	292.3	294.5	0.7	26.2	9.1	85.
11.8	34.0	3112.3	688.0	-10.0	-25.7	261.7	18.9	18.7	2.7	292.9	295.0	0.7	26.2	9.7	85.
12.3	35.0	3225.1	678.0	-10.6	-27.3	260.6	19.2	18.9	3.1	293.5	295.3	0.6	23.8	10.3	85.
12.8	36.0	3350.8	667.0	-11.2	-31.4	260.2	19.9	19.6	3.4	294.2	295.5	0.4	16.9	10.8	84.
13.3	37.0	3466.5	657.0	-11.9	-34.9	259.9	20.3	20.0	3.6	294.6	295.6	0.3	12.7	11.5	84.
13.8	38.0	3572.0	648.0	-12.5	-37.2	259.6	19.9	19.6	3.6	295.1	295.9	0.2	10.5	12.1	84.
14.2	39.0	3678.6	639.0	-13.2	-40.2	259.6	19.7	19.3	3.6	295.5	296.1	0.2	8.2	12.5	84.
14.7	40.0	3786.6	630.0	-13.8	-39.7	260.3	20.5	20.2	3.5	296.0	296.7	0.2	8.8	13.1	84.
15.3	41.0	3920.1	619.0	-14.7	-40.3	261.6	23.3	23.1	3.4	296.4	297.0	0.2	8.9	13.8	83.
15.7	42.0	4030.9	610.0	-15.1	-38.4	261.9	25.5	25.2	3.6	297.2	297.9	0.2	11.3	14.4	83.
16.2	43.0	4143.2	601.0	-15.7	-35.0	261.3	27.6	27.2	4.2	297.8	298.9	0.3	17.2	15.3	83.
16.7	44.0	4244.2	593.0	-15.7	-33.9	260.3	29.8	29.4	5.0	299.0	300.1	0.4	19.2	16.1	83.
17.2	45.0	4359.6	584.0	-15.7	-34.4	259.3	33.8	33.2	5.3	300.3	301.4	0.3	18.2	16.9	83.
17.6	46.0	4463.6	576.0	-16.0	-35.5	258.3	37.7	36.9	7.6	301.1	302.2	0.3	16.7	17.8	83.
17.9	47.0	4582.2	567.0	-16.0	-36.5	257.1	40.3	39.3	9.0	302.5	303.4	0.3	14.7	18.7	83.
18.3	48.0	4689.3	559.0	-15.7	-31.4	255.3	43.2	41.8	11.0	304.1	305.6	0.5	24.0	19.6	82.
18.7	49.0	4798.0	551.0	-16.1	-28.2	253.8	45.1	43.3	12.6	304.8	307.0	0.7	34.4	20.6	82.
19.1	50.0	4907.9	543.0	-17.1	-25.3	252.7	45.2	43.1	13.4	305.0	307.8	0.9	48.5	21.8	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
515 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.5	51.0	5047.1	533.0	-18.2	-24.0	251.7	42.6	40.4	13.3	305.3	308.6	1.0	60.1	23.1	81.
19.8	52.0	5174.2	524.0	-19.1	-24.4	251.4	40.6	38.5	13.0	305.7	308.7	1.0	60.1	23.7	81.
20.3	53.0	5274.1	517.0	-20.3	-25.7	252.0	41.2	39.2	12.7	305.4	308.3	0.9	62.1	24.6	80.
20.7	54.0	5389.4	509.0	-21.1	-26.2	253.4	45.0	43.2	12.8	305.8	308.4	0.8	59.4	25.6	80.
21.2	55.0	5506.2	501.0	-21.9	-25.4	254.7	48.9	47.2	12.9	306.2	309.2	1.0	72.9	27.1	90.
21.7	56.0	5654.5	491.0	-22.5	-24.6	254.3	46.2	44.5	12.5	307.3	310.7	1.0	82.2	28.9	79.
22.2	57.0	5759.9	484.0	-23.0	-26.4	252.4	40.9*	38.9	12.4	307.9	310.8	0.9	73.6	30.1	79.
22.8	58.0	5882.1	476.0	-23.2	-27.8	250.2	42.0*	39.5	14.2	309.1	311.7	0.8	65.7	31.1	79.
23.3	59.0	5990.4	469.0	-24.0	-28.1	249.4	46.6*	43.6	18.4	309.4	312.0	0.8	68.6	32.6	78.
23.8	60.0	6115.7	461.0	-25.1	-29.5	243.6	46.5*	43.3	17.0	309.6	311.9	0.7	66.0	34.2	78.
24.3	61.0	6226.8	454.0	-25.7	-30.2	247.3	41.4*	38.2	16.0	310.1	312.3	0.7	65.4	35.6	78.
24.8	62.0	6339.3	447.0	-26.1	-34.3	244.8	35.3*	32.0	15.1	311.0	312.5	0.5	46.0	36.6	77.
25.2	63.0	6453.4	440.0	-27.0	-35.7	241.5	30.8*	27.0	14.7	311.2	312.6	0.4	43.4	37.3	77.
25.7	64.0	6585.5	432.0	-27.7	-36.7	237.2	27.0*	22.7	14.6	312.0	313.3	0.4	41.7	38.3	77.
26.1	65.0	6685.9	426.0	-28.3	-37.7	237.2	28.3*	23.8	15.3	312.4	313.6	0.3	39.9	38.7	76.
26.6	66.0	6838.7	417.0	-29.5	-41.4	242.0	38.7*	34.2	17.2	312.8	313.7	0.2	30.2	38.9	76.
27.1	67.0	6959.3	410.0	-30.5	-42.1	245.0	49.2*	44.5	27.8	313.0	313.8	0.2	30.6	41.1	75.
27.4	68.0	7063.8	404.0	-31.6	-43.5	245.6	51.6*	47.0	21.3	313.0	313.7	0.2	30.9	42.0	75.
27.8	69.0	7187.2	397.0	-32.9	-44.7	246.1	53.4*	48.7	21.7	312.9	313.5	0.2	29.4	43.0	75.
28.3	70.0	7312.1	390.0	-33.9	-45.2	246.5	56.6*	51.9	22.5	313.1	313.7	0.2	30.6	44.6	75.
28.8	71.0	7456.9	382.0	-35.3	-46.0	246.8	60.4*	55.3	23.8	313.1	313.7	0.2	32.3	46.4	74.
29.3	72.0	7567.0	376.0	-36.5	-46.6	246.9	63.5*	58.5	24.9	313.0	313.5	0.1	33.9	48.3	74.
29.8	73.0	7696.9	369.0	-37.6	-46.4	246.8	65.9*	60.6	26.0	313.3	313.8	0.2	38.6	50.2	74.
30.3	74.0	7809.8	363.0	-38.9	-46.7	246.6	67.1*	61.6	26.6	313.0	313.5	0.2	42.9	52.2	74.
30.7	75.0	7923.8	357.0	-40.2	99.9	246.4	66.8*	61.3	26.7	312.8	999.9	99.9	999.9	53.9	73.
31.2	76.0	8039.3	351.0	-41.0	99.9	246.3	66.1*	60.5	26.6	313.2	999.9	99.9	999.9	55.8	73.
31.6	77.0	8156.4	345.0	-41.6	99.9	246.4	65.7*	60.2	26.3	313.9	999.9	99.9	999.9	57.3	73.
32.1	78.0	8275.1	339.0	-42.7	99.9	246.7	63.7*	58.5	27.2	314.0	999.9	99.9	999.9	59.5	73.
32.5	79.0	8395.3	333.0	-43.9	99.9	246.8	59.9*	55.1	23.6	314.0	999.9	99.9	999.9	60.9	72.
33.0	80.0	8517.1	327.0	-44.7	99.9	245.5	50.2*	45.7	27.8	314.5	999.9	99.9	999.9	62.6	72.
33.5	81.0	8661.8	320.0	-45.3	99.9	242.7	36.1*	32.1	16.6	315.7	999.9	99.9	999.9	64.4	72.
34.0	82.0	8787.9	314.0	-46.1	99.9	240.1	24.1*	20.9	12.0	316.2	999.9	99.9	999.9	64.5	72.
34.5	83.0	8916.0	308.0	-46.8	99.9	240.7	19.9*	17.4	9.8	317.0	999.9	99.9	999.9	65.4	72.
34.9	84.0	9024.4	303.0	-47.1	99.9	241.5	22.1*	19.4	10.5	318.1	999.9	99.9	999.9	65.6	72.
35.3	85.0	9134.4	298.0	-48.1	99.9	242.1	25.7*	22.7	12.0	318.2	999.9	99.9	999.9	66.2	72.
35.9	86.0	9290.6	291.0	-49.3	99.9	243.2	29.7*	26.5	17.4	318.6	999.9	99.9	999.9	67.3	72.
36.4	87.0	9427.0	285.0	-50.0	99.9	244.0	26.8*	24.0	11.7	319.5	999.9	99.9	999.9	68.3	72.
36.8	88.0	9542.4	280.0	-51.2	99.9	244.3	20.7*	18.6	9.0	319.4	999.9	99.9	999.9	69.0	71.
37.3	89.0	9659.2	275.0	-52.4	99.9	245.3	16.4*	14.5	6.8	319.4	999.9	99.9	999.9	69.4	71.
37.8	90.0	9777.6	270.0	-53.3	99.9	246.9	25.0*	23.0	9.8	319.8	999.9	99.9	999.9	69.3	71.
38.3	91.0	9897.8	265.0	-54.2	99.9	247.4	43.8*	40.4	16.8	320.2	999.9	99.9	999.9	70.4	71.
38.8	92.0	10019.7	260.0	-54.9	99.9	247.2	56.7*	52.3	22.0	320.8	999.9	99.9	999.9	72.1	71.
39.2	93.0	10143.6	255.0	-55.7	99.9	246.1	57.8*	52.9	23.4	321.5	999.9	99.9	999.9	74.1	71.
39.6	94.0	10269.5	250.0	-56.8	99.9	244.3	56.1*	50.6	24.3	321.7	999.9	99.9	999.9	75.8	71.
39.9	95.0	10357.4	245.0	-57.3	99.9	243.1	59.5*	53.0	26.9	322.8	999.9	99.9	999.9	75.4	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
515 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
40.4	96.0	10527.7	240.0	-57.4	99.9	243.4	73.7*	65.9	33.0	324.5	999.9	99.9	999.9	77.6	71.
40.8	97.0	10660.8	235.0	-57.3	99.9	244.6	82.4*	74.5	35.3	326.7	999.9	99.9	999.9	80.1	71.
41.3	98.0	10769.5	231.0	-56.6	99.9	245.9	86.9*	79.3	35.6	329.2	999.9	99.9	999.9	82.6	70.
41.7	99.0	10908.3	226.0	-56.6	99.9	246.0	83.0*	75.8	33.8	331.3	999.9	99.9	999.9	84.3	70.
42.1	100.0	11021.4	222.0	-57.3	99.9	245.1	69.5*	63.0	27.2	332.0	999.9	99.9	999.9	86.6	70.
42.6	101.0	11144.6	216.0	-57.3	99.9	241.3	38.1*	33.4	13.3	334.6	999.9	99.9	999.9	90.1	70.
43.0	102.0	11312.8	212.0	-57.3	99.9	232.9	21.2*	16.9	12.8	336.4	999.9	99.9	999.9	88.1	70.
43.4	103.0	11433.1	208.0	-57.9	99.9	236.1	35.4*	29.4	19.7	337.3	999.9	99.9	999.9	88.0	70.
43.9	104.0	11555.3	204.0	-58.9	99.9	238.5	54.4*	46.4	28.4	337.6	999.9	99.9	999.9	90.7	70.
44.3	105.0	11679.3	200.0	-59.5	99.9	238.3	55.0*	46.8	28.9	338.5	999.9	99.9	999.9	92.7	70.
44.8	106.0	11805.6	196.0	-60.2	99.9	238.5	51.4*	43.8	26.8	339.4	999.9	99.9	999.9	93.5	69.
45.3	107.0	11934.2	192.0	-60.2	99.9	242.2	67.8*	59.9	31.7	341.4	999.9	99.9	999.9	94.8	69.
45.7	108.0	12067.2	188.0	-54.8	99.9	244.9	99.5**	90.1	42.2	352.2	999.9	99.9	999.9	96.2	69.
46.2	109.0	12204.7	184.0	-54.8	99.9	246.5	136.0**	124.7	54.3	354.4	999.9	99.9	999.9	99.5	69.
46.7	110.0	12345.3	180.0	-54.8	99.9	247.0	127.2**	117.1	49.8	356.6	999.9	99.9	999.9	106.4	69.
47.3	111.0	12525.5	175.0	-54.9	99.9	246.7	69.1**	63.5	27.3	359.3	999.9	99.9	999.9	109.6	69.
47.8	112.0	12636.0	172.0	-54.8	99.9	246.0	47.5**	43.4	19.3	361.3	999.9	99.9	999.9	109.4	69.
48.3	113.0	12786.8	168.0	-54.2	99.9	245.7	64.7**	59.0	26.6	364.7	999.9	99.9	999.9	111.5	69.
48.8	114.0	12902.3	165.0	-54.3	99.9	245.5	108.3**	98.6	44.9	366.4	999.9	99.9	999.9	113.2	69.
49.3	115.0	13059.4	161.0	-54.8	99.9	245.5	161.0**	146.5	64.8	368.2	999.9	99.9	999.9	116.5	69.
49.8	116.0	13220.2	157.0	-55.1	99.9	245.6	168.1**	153.0	69.6	370.3	999.9	99.9	999.9	123.6	68.
50.3	117.0	13343.3	154.0	-55.5	99.9	244.2	92.3**	83.1	40.2	371.6	999.9	99.9	999.9	131.6	68.
50.8	118.0	13510.6	150.0	-56.9	99.9	163.4	7.4**	-2.1	7.1	372.0	999.9	99.9	999.9	130.5	68.
51.2	119.0	13638.3	147.0	-57.7	99.9	94.4	20.6**	-20.5	1.6	372.8	999.9	99.9	999.9	126.9	68.
51.7	120.0	13812.1	143.0	-58.4	99.9	230.1	31.8**	24.4	20.4	374.6	999.9	99.9	999.9	126.6	68.
52.2	121.0	13900.6	141.0	-58.9	99.9	243.3	90.8**	81.1	40.8	375.2	999.9	99.9	999.9	129.6	68.
52.6	122.0	14035.3	138.0	-59.5	99.9	245.6	108.3**	98.6	44.8	376.4	999.9	99.9	999.9	132.6	68.
53.1	123.0	14172.5	135.0	-60.7	99.9	246.6	89.3**	82.0	35.4	376.7	999.9	99.9	999.9	137.1	68.
53.4	124.0	14359.0	131.0	-62.1	99.9	245.7	48.1**	43.8	19.8	377.5	999.9	99.9	999.9	138.6	68.
54.0	125.0	14454.0	129.0	-62.6	99.9	236.0	18.8**	15.6	10.5	378.2	999.9	99.9	999.9	137.5	68.
54.6	126.0	14648.3	125.0	-62.6	99.9	237.4	26.9**	22.7	14.5	381.7	999.9	99.9	999.9	137.9	68.
55.3	127.0	14798.3	122.0	-62.2	99.9	75.5	14.4**	-14.0	-3.6	385.0	999.9	99.9	999.9	141.3	68.
55.9	128.0	14900.6	120.0	-61.2	99.9	71.0	20.4**	-19.2	-6.6	388.7	999.9	99.9	999.9	136.5	68.
56.5	129.0	15111.1	116.0	-61.2	99.9	240.9	35.7**	31.2	17.4	392.5	999.9	99.9	999.9	136.9	68.
57.1	130.0	15219.1	114.0	-61.2	99.9	241.4	53.7**	47.2	25.7	394.4	999.9	99.9	999.9	141.7	67.
57.7	131.0	15440.9	110.0	-61.0	99.9	237.0	36.7**	30.8	20.0	398.8	999.9	99.9	999.9	141.6	67.
58.2	132.0	15554.9	108.0	-61.0	99.9	216.5	14.6**	8.7	11.8	400.9	999.9	99.9	999.9	143.6	67.
58.7	133.0	15729.7	105.0	-61.6	99.9	106.4	10.6**	-10.1	3.0	403.2	999.9	99.9	999.9	143.6	67.
59.2	134.0	15848.7	103.0	-62.4	99.9	111.5	6.3**	-5.9	2.3	403.7	999.9	99.9	999.9	141.1	67.
59.7	135.0	16030.9	100.0	-62.9	99.9	240.6	13.3**	11.6	6.5	406.1	999.9	99.9	999.9	142.4	67.
60.3	136.0	16218.3	97.0	-63.3	99.9	255.4	19.3**	18.7	4.9	409.0	999.9	99.9	999.9	144.0	67.
60.9	137.0	16411.0	94.0	-64.0	99.9	257.2	23.6**	23.1	5.2	411.3	999.9	99.9	999.9	142.2	67.
61.6	138.0	16609.4	91.0	-64.7	99.9	221.0	5.8**	3.8	4.4	413.7	999.9	99.9	999.9	146.8	67.
62.2	139.0	16814.2	88.0	-64.4	99.9	83.9	21.8**	-21.7	-2.3	418.4	999.9	99.9	999.9	144.2	67.
62.8	140.0	16954.6	86.0	-65.1	99.9	87.7	12.7**	-12.7	-0.5	419.7	999.9	99.9	999.9	143.1	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
515 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
63.4	141.0	17171.1	83.0	-64.7	99.9	73.8	11.2**	-10.8	-3.1	424.7	999.9	99.9	999.9	143.8	67.
64.1	142.0	17396.0	80.0	-64.4	99.9	63.3	42.5**	-38.0	-19.1	429.9	999.9	99.9	999.9	142.8	67.
64.8	143.0	17550.5	78.0	-65.5	99.9	61.2	41.7*	-36.5	-20.1	430.8	999.9	99.9	999.9	139.3	67.
65.4	144.0	17789.0	75.0	-65.5	99.9	62.2	9.1*	-8.1	-1.3	435.6	999.9	99.9	999.9	138.6	67.
66.0	145.0	17953.7	73.0	-64.7	99.9	196.6	3.0*	0.8	2.8	440.6	999.9	99.9	999.9	139.9	67.
66.8	146.0	18210.4	70.0	-64.0	99.9	89.9	11.3*	-11.3	-0.0	447.5	999.9	99.9	999.9	138.8	67.
67.5	147.0	18387.9	68.0	-64.0	99.9	199.4	10.4*	3.4	9.8	451.2	999.9	99.9	999.9	137.7	67.
68.2	148.0	18663.9	65.0	-64.7	99.9	223.9	14.2*	9.9	10.2	455.4	999.9	99.9	999.9	139.6	67.
68.8	149.0	18854.6	63.0	-64.7	99.9	104.0	5.6*	-5.5	1.4	459.5	999.9	99.9	999.9	139.9	67.
69.6	150.0	19051.9	61.0	-64.0	99.9	75.0	19.0*	-18.4	-4.9	465.4	999.9	99.9	999.9	138.6	67.
70.4	151.0	19360.3	58.0	-64.7	99.9	75.8	17.0*	-16.5	-4.2	470.5	999.9	99.9	999.9	137.9	67.
71.1	152.0	19574.3	56.0	-65.3	99.9	77.7	9.8*	-9.6	-2.1	474.0	999.9	99.9	999.9	137.1	67.
71.9	153.0	19795.2	54.0	-66.2	99.9	298.8	0.7*	0.7	-0.4	476.8	999.9	99.9	999.9	137.3	67.
72.8	154.0	20141.0	51.0	-67.0	99.9	184.0	1.2*	0.1	1.2	482.9	999.9	99.9	999.9	136.9	67.
73.6	155.0	20383.0	49.0	-66.2	99.9	48.2	5.1*	-3.8	-3.4	490.3	999.9	99.9	999.9	137.6	67.
74.5	156.0	20635.3	47.0	-66.6	99.9	36.4	6.4*	-3.8	-5.1	495.2	999.9	99.9	999.9	136.4	67.
75.3	157.0	20857.9	45.0	-67.4	99.9	252.1	45.4*	43.2	13.9	499.5	999.9	99.9	999.9	136.5	67.
76.2	158.0	21172.1	43.0	-67.2	99.9	245.4	89.0*	80.9	37.1	506.6	999.9	99.9	999.9	141.3	67.
77.1	159.0	21461.1	41.0	-64.7	99.9	249.0	67.9*	63.4	24.4	519.6	999.9	99.9	999.9	147.7	67.
78.1	160.0	21766.9	39.0	-64.0	99.9	255.0	51.5*	49.8	13.3	528.9	999.9	99.9	999.9	148.7	67.
79.3	161.0	22257.9	36.0	-63.5	99.9	250.4	82.1*	77.4	27.5	542.6	999.9	99.9	999.9	152.1	67.
80.3	162.0	22609.4	34.0	-62.9	99.9	238.7	36.8*	31.9	19.1	552.9	999.9	99.9	999.9	159.4	67.
81.4	163.0	22981.1	32.0	-64.7	99.9	246.2	28.4*	26.0	11.5	557.8	999.9	99.9	999.9	160.7	67.
82.6	164.0	23580.4	29.0	-65.9	99.9	253.8	44.0*	42.3	12.3	570.6	999.9	99.9	999.9	161.5	67.
83.8	165.0	24014.3	27.0	-65.9	99.9	250.5	50.8*	47.9	17.0	582.4	999.9	99.9	999.9	166.1	67.
85.3	166.0	24481.8	25.0	-65.7	99.9	247.7	62.1*	57.4	23.5	595.9	999.9	99.9	999.9	170.3	67.
86.7	167.0	24990.8	23.0	-63.8	99.9	257.5	27.8*	27.1	6.0	615.7	999.9	99.9	999.9	175.5	67.
88.5	168.0	25551.2	21.0	-61.9	99.9	262.3	34.1*	33.8	4.6	637.8	999.9	99.9	999.9	175.9	67.
90.5	169.0	26174.0	19.0	-59.5	99.9	247.8	34.0*	31.5	12.8	663.6	999.9	99.9	999.9	181.9	68.
92.6	170.0	26872.6	17.0	-57.9	99.9	999.9	99.9	99.9	99.9	690.3	999.9	99.9	999.9	999.9	999.

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1115 GMT

161 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGF KM	AZ DG
0.0	6.6	180.0	992.4	5.4	3.3	300.0	0.5	0.4	-0.2	279.8	292.3	4.9	86.0	0.0	0.
0.2	7.0	232.9	986.0	5.0	2.9	307.9	8.1	6.4	-5.0	279.9	292.2	4.8	86.2	0.2	120.
0.6	8.0	332.8	974.0	4.5	2.2	307.8	8.1	6.4	-5.0	280.3	292.2	4.6	85.0	0.2	121.
0.9	9.0	433.7	962.0	3.4	1.2	307.7	8.1	6.4	-5.0	280.2	291.5	4.4	85.7	0.4	124.
1.3	10.0	527.0	951.0	2.7	1.4	305.0	8.2	6.7	-4.7	280.4	292.0	4.5	91.0	0.6	125.
1.8	11.0	655.5	936.0	1.4	0.4	301.0	8.0	6.4	-4.1	280.3	291.2	4.2	93.4	0.8	124.
2.2	12.0	750.6	925.0	0.4	-0.2	293.8	8.4	7.6	-3.4	280.2	290.8	4.1	96.0	1.0	123.
2.6	13.0	846.6	914.0	-0.3	-0.6	283.3	7.7	9.5	-2.2	280.5	290.9	4.0	97.5	1.2	122.
2.9	14.0	943.6	903.0	-0.1	-0.5	273.9	10.8	10.8	-0.7	281.6	292.3	4.1	97.2	1.4	118.
3.3	15.0	1042.1	892.0	0.9	0.8	267.2	11.6	11.6	0.6	283.7	295.6	4.6	99.6	1.6	113.
3.8	16.0	1169.5	878.0	1.5	-3.8	266.4	13.5	13.5	0.9	285.5	294.4	3.3	67.6	2.0	108.
4.2	17.0	1271.0	867.0	0.7	-3.9	263.1	15.1	15.0	1.8	285.7	294.6	3.3	71.0	2.3	105.
4.5	18.0	1373.5	856.0	-0.1	-0.4	257.5	16.0	15.7	3.5	286.0	297.5	4.3	97.9	2.6	103.
4.9	19.0	1477.1	845.0	-0.3	-3.2	251.5	16.7	15.7	5.3	286.8	296.4	3.6	80.4	2.9	99.
5.3	20.0	1582.0	834.0	-0.8	-6.1	248.9	16.2	15.1	5.8	287.3	295.2	2.9	67.3	3.3	95.
5.8	21.0	1697.7	822.0	-1.4	-8.8	249.0	15.8	14.7	5.7	287.7	294.3	2.4	57.0	3.7	92.
6.2	22.0	1805.0	811.0	-1.6	-9.7	252.3	16.8	16.0	5.1	288.6	294.9	2.2	53.6	4.0	90.
6.6	23.0	1913.7	800.0	-1.9	-9.4	256.3	18.7	18.1	4.4	289.4	296.0	2.4	56.7	4.5	89.
6.9	24.0	2013.6	790.0	-3.0	-10.0	257.2	19.4	18.7	4.3	289.2	295.6	2.3	58.7	4.8	88.
7.3	25.0	2124.6	779.0	-3.7	-9.8	257.2	19.3	18.9	4.3	289.7	296.3	2.3	62.1	5.3	87.
7.8	26.0	2247.0	767.0	-4.9	-10.6	257.8	18.9	18.5	4.0	289.7	295.9	2.2	64.4	5.8	86.
8.3	27.0	2360.4	756.0	-5.8	-11.1	259.0	19.2	18.8	3.7	289.9	295.9	2.2	66.0	6.4	85.
8.8	28.0	2464.7	746.0	-6.6	-11.2	259.2	20.1	19.8	3.8	290.1	296.3	2.2	69.8	6.9	85.
9.2	29.0	2570.1	736.0	-6.9	-13.2	258.4	21.0	20.6	4.2	290.9	296.2	1.9	60.6	7.4	84.
9.6	30.0	2666.1	727.0	-7.5	-15.4	257.0	21.7	21.1	4.9	291.2	295.8	1.6	53.1	8.0	84.
10.0	31.0	2773.8	717.0	-8.1	-18.0	255.2	21.9	21.2	5.6	291.7	295.4	1.3	44.5	8.5	84.
10.5	32.0	2883.0	707.0	-8.1	-17.0	253.3	22.1	21.1	6.3	292.8	296.8	1.3	45.2	9.1	83.
10.9	33.0	2982.4	698.0	-8.7	-19.1	252.9	22.4	21.4	6.6	293.2	296.8	1.2	42.5	9.6	82.
11.3	34.0	3094.1	688.0	-9.4	-19.7	253.2	22.6	21.7	6.5	293.6	297.1	1.2	42.8	10.2	82.
11.7	35.0	3195.8	679.0	-10.1	-20.4	254.4	22.6	21.7	6.1	293.9	297.2	1.1	42.6	10.8	81.
12.3	36.0	3333.1	667.0	-10.7	-20.9	257.3	22.0	21.5	4.8	294.8	298.0	1.1	42.6	11.5	81.
12.7	37.0	3437.5	658.0	-11.2	-21.6	259.4	21.8	21.4	4.0	295.4	298.5	1.0	41.5	12.1	81.
13.2	38.0	3554.8	648.0	-12.2	-20.7	260.9	21.9	21.7	3.5	295.6	299.0	1.1	48.9	12.7	81.
13.7	39.0	3661.6	639.0	-13.0	-21.4	261.3	22.7	22.5	3.4	295.8	299.1	1.1	49.4	13.4	81.
14.2	40.0	3769.6	630.0	-13.7	-23.0	261.4	23.9	23.6	3.6	296.2	299.0	0.9	45.0	14.0	81.
14.7	41.0	3903.4	619.0	-14.4	-23.7	261.7	24.9	24.6	3.6	296.9	299.6	0.9	45.1	14.8	81.
15.1	42.0	4014.2	610.0	-15.4	-23.9	261.9	25.5	25.3	3.6	297.0	299.8	0.9	48.1	15.4	81.
15.6	43.0	4113.7	602.0	-16.5	-24.3	262.0	26.6	26.4	3.7	296.8	299.5	0.9	50.6	16.1	81.
15.9	44.0	4224.9	593.0	-17.2	-25.6	262.0	27.3	27.0	3.8	297.3	299.8	0.8	47.9	16.7	81.
16.3	45.0	4341.4	584.0	-17.9	-25.6	261.8	28.1	27.8	4.0	297.8	300.3	0.8	50.4	17.4	81.
16.7	46.0	4444.5	576.0	-18.5	-25.9	261.6	29.2	28.9	4.3	298.2	300.7	0.8	52.3	18.0	81.
17.2	47.0	4561.8	567.0	-19.4	-25.9	261.0	31.2	30.8	4.9	298.6	301.1	0.8	56.0	18.9	81.
17.5	48.0	4667.4	559.0	-19.9	-25.2	260.5	32.6	32.2	5.4	299.2	301.9	0.9	62.6	19.4	81.
17.8	49.0	4774.3	551.0	-20.4	-24.8	259.3	33.9	33.3	6.3	299.8	302.6	0.9	68.1	20.1	81.
18.3	50.0	4882.4	543.0	-21.4	-24.1	256.3	36.3	35.3	8.6	299.9	303.0	1.0	78.2	21.1	81.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1115 GMT

161 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	D/R DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	HR PCT	RANGE KM	AZ DG
18.8	51.0	5019.5	533.0	-21.4	-23.3	252.3	39.5	37.6	12.0	301.5	304.9	1.1	84.4	22.3	81.
19.2	52.0	5131.0	525.0	-22.7	-23.7	244.4	42.5	39.8	14.9	301.9	305.2	1.1	87.6	23.2	80.
19.6	53.0	5243.8	517.0	-22.7	-23.2	247.6	45.3	41.9	17.3	302.6	306.1	1.1	95.5	24.2	80.
20.0	54.0	5358.3	509.0	-22.6	-25.9	246.9	47.3	43.5	18.5	304.0	306.9	0.9	73.7	25.4	79.
20.4	55.0	5474.5	501.0	-23.1	-33.5	247.5	47.2	43.6	18.0	304.7	306.2	0.4	37.8	26.5	79.
20.9	56.0	5607.4	492.0	-23.0	-36.2	249.2	47.2	44.1	16.7	306.4	307.6	0.3	28.4	27.9	78.
21.4	57.0	5727.6	484.0	-22.6	-34.9	251.8	51.4*	48.8	16.0	308.4	309.7	0.4	31.2	29.2	78.
21.8	58.0	5834.3	477.0	-23.6	-34.9	253.9	57.9*	55.6	16.0	308.4	309.7	0.4	34.2	30.3	77.
22.2	59.0	5957.8	469.0	-24.4	-34.8	255.2	63.1*	61.0	16.1	308.9	310.3	0.4	37.2	31.9	77.
22.6	60.0	6067.3	462.0	-24.9	-33.7	255.7	64.4*	62.4	15.8	309.6	311.1	0.5	43.4	33.8	77.
22.9	61.0	6173.3	455.0	-25.2	-33.1	255.5	61.2*	59.2	15.3	310.6	312.3	0.5	47.4	35.0	77.
23.3	62.0	6306.9	447.0	-26.0	-33.5	254.6	55.8*	53.8	14.8	311.2	312.9	0.5	49.0	36.4	77.
23.7	63.0	6421.0	440.0	-27.0	-33.5	253.6	52.9*	50.8	15.0	311.3	313.0	0.5	53.6	37.5	77.
24.2	64.0	6536.4	433.0	-27.9	-33.2	252.6	54.7*	52.2	16.3	311.5	313.3	0.5	60.1	38.9	77.
24.6	65.0	6653.3	426.0	-29.0	-33.8	252.2	57.7*	54.9	17.7	311.7	313.4	0.5	62.9	40.3	77.
25.1	66.0	6778.7	418.0	-29.7	-34.2	252.0	58.1*	55.2	19.0	312.4	314.1	0.5	64.9	42.3	77.
25.5	67.0	6908.9	411.0	-30.9	-35.3	252.1	55.0*	52.3	16.9	312.5	314.1	0.5	64.0	43.4	76.
25.9	68.0	7030.6	404.0	-31.7	-36.2	252.0	48.3*	46.0	14.9	312.9	314.3	0.4	63.6	45.0	76.
26.4	69.0	7136.3	398.0	-32.7	-40.3	251.4	39.4*	37.3	12.6	312.9	313.9	0.3	46.4	46.4	76.
26.8	70.0	7261.0	391.0	-33.8	-41.3	251.0	36.1*	34.1	11.7	313.1	314.0	0.3	46.3	46.9	76.
27.3	71.0	7405.6	383.0	-35.0	-42.5	251.6	39.7*	37.7	12.5	313.3	314.1	0.2	46.1	47.9	76.
27.8	72.0	7515.4	377.0	-36.2	-43.6	252.5	51.0*	48.6	15.4	313.1	313.9	0.2	46.2	49.0	76.
28.2	73.0	7645.2	370.0	-37.3	-44.1	252.7	62.0*	59.2	18.4	313.4	314.1	0.2	48.3	50.4	76.
28.7	74.0	7758.0	364.0	-38.2	-44.9	252.7	74.6*	71.2	22.2	313.7	314.3	0.2	48.6	52.7	76.
29.0	75.0	7872.2	358.0	-39.0	-46.4	252.6	81.0*	77.3	24.2	314.1	314.7	0.2	44.8	53.7	76.
29.4	76.0	7988.0	352.0	-39.7	-47.6	252.5	86.2*	82.2	25.9	314.6	315.1	0.1	42.6	56.2	75.
29.8	77.0	8125.0	345.0	-40.8	99.9	252.4	89.2*	85.0	26.9	315.0	999.9	99.9	999.9	58.4	75.
30.2	78.0	8244.1	339.0	-41.9	99.9	252.1	90.4*	86.0	27.9	315.2	999.9	99.9	999.9	60.4	75.
30.7	79.0	8344.6	334.0	-42.8	99.9	251.2	89.7*	85.0	28.9	315.2	999.9	99.9	999.9	63.2	75.
31.2	80.0	8466.6	328.0	-43.9	99.9	250.2	87.0*	81.9	29.5	315.4	999.9	99.9	999.9	66.0	75.
31.7	81.0	8611.0	321.0	-45.2	99.9	249.6	83.9*	78.6	29.3	315.4	999.9	99.9	999.9	68.3	75.
32.2	82.0	8736.7	315.0	-46.5	99.9	249.3	80.8*	75.6	28.5	315.4	999.9	99.9	999.9	70.9	75.
32.5	83.0	8842.6	310.0	-47.6	99.9	249.1	78.7*	73.6	27.9	315.3	999.9	99.9	999.9	72.3	74.
32.9	84.0	8971.4	304.0	-48.7	99.9	248.8	72.7*	67.5	27.0	315.5	999.9	99.9	999.9	74.2	74.
33.3	85.0	9102.2	298.0	-49.8	99.9	246.2	63.0*	57.6	25.1	315.7	999.9	99.9	999.9	76.0	74.
33.8	86.0	9234.9	292.0	-51.0	99.9	242.0	47.2*	41.6	22.2	315.9	999.9	99.9	999.9	77.7	74.
34.2	87.0	9369.7	286.0	-52.0	99.9	236.4	35.6*	29.7	19.7	316.3	999.9	99.9	999.9	78.6	74.
34.7	88.0	9483.5	281.0	-53.3	99.9	230.0	28.5*	21.8	18.3	316.0	999.9	99.9	999.9	79.2	74.
35.1	89.0	9598.9	276.0	-54.3	99.9	230.4	29.3*	22.7	18.5	316.3	999.9	99.9	999.9	79.4	73.
35.5	90.0	9715.8	271.0	-55.3	99.9	236.2	34.1*	28.4	19.0	316.5	999.9	99.9	999.9	80.3	73.
35.9	91.0	9834.4	266.0	-56.4	99.9	240.0	37.7*	32.7	18.9	316.6	999.9	99.9	999.9	81.3	73.
36.3	92.0	9954.7	261.0	-57.0	99.9	241.6	38.0*	34.2	18.5	317.4	999.9	99.9	999.9	82.2	73.
36.7	93.0	10076.9	256.0	-57.7	99.9	242.3	37.4*	33.1	17.4	318.2	999.9	99.9	999.9	83.2	73.
37.2	94.0	10201.3	251.0	-58.0	99.9	243.3	30.5*	27.2	13.7	319.5	999.9	99.9	999.9	84.3	73.
37.6	95.0	10327.9	246.0	-58.8	99.9	245.9	21.2*	19.4	8.7	320.1	999.9	99.9	999.9	85.1	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1115 GMT

161 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SEC	POT DG F	E POT DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
38.2	96.0	10456.8	241.0	-58.6	99.9	257.7	12.6*	12.3	2.7	322.0	999.9	99.9	999.9	85.4	72.
38.6	97.0	10588.3	236.0	-59.5	99.9	258.1	18.2*	17.8	3.8	323.0	999.9	99.9	999.9	84.9	73.
39.0	98.0	10722.3	231.0	-59.5	99.9	253.3	33.9*	32.5	9.7	325.0	999.9	99.9	999.9	86.0	73.
39.4	99.0	10831.8	227.0	-58.8	99.9	250.7	51.3*	48.4	16.9	327.6	999.9	99.9	999.9	86.8	73.
39.8	100.0	10943.3	223.0	-59.3	99.9	249.7	61.1*	57.7	21.2	329.5	999.9	99.9	999.9	88.4	73.
40.3	101.0	11114.7	217.0	-57.8	99.9	248.6	60.7*	56.0	22.2	333.3	999.9	99.9	999.9	90.9	72.
40.7	102.0	11232.4	213.0	-56.7	99.9	246.7	54.6*	50.2	21.6	336.8	999.9	99.9	999.9	92.3	72.
41.2	103.0	11352.6	209.0	-56.6	99.9	243.0	53.0*	47.2	24.0	338.9	999.9	99.9	999.9	93.4	72.
41.6	104.0	11475.3	205.0	-56.4	99.9	241.1	61.3*	53.7	29.7	341.0	999.9	99.9	999.9	94.3	72.
42.0	105.0	11632.5	200.0	-55.2	99.9	240.7	75.0*	65.5	36.7	345.4	999.9	99.9	999.9	95.5	72.
42.4	106.0	11761.5	196.0	-55.2	99.9	241.3	81.6*	71.6	39.2	347.4	999.9	99.9	999.9	98.7	72.
42.8	107.0	11893.1	192.0	-55.2	99.9	242.6	95.2**	75.6	39.3	349.5	999.9	99.9	999.9	100.3	71.
43.3	108.0	12027.6	188.0	-55.2	99.9	244.9	87.9**	79.6	37.2	351.6	999.9	99.9	999.9	102.4	71.
43.7	109.0	12164.8	184.0	-55.3	99.9	246.8	84.9**	78.0	33.5	353.5	999.9	99.9	999.9	105.1	71.
44.2	110.0	12269.6	181.0	-55.8	99.9	248.8	73.1**	68.2	26.4	354.4	999.9	99.9	999.9	108.0	71.
44.8	111.0	12448.0	176.0	-55.8	99.9	250.5	62.7**	59.1	20.9	357.3	999.9	99.9	999.9	109.4	71.
45.3	112.0	12594.3	172.0	-55.8	99.9	251.1	64.3**	60.9	20.8	359.6	999.9	99.9	999.9	111.6	71.
45.8	113.0	12744.2	168.0	-55.6	99.9	251.7	69.2**	65.7	21.7	362.3	999.9	99.9	999.9	113.4	71.
46.3	114.0	12859.0	165.0	-55.6	99.9	252.5	76.0**	72.5	22.8	364.2	999.9	99.9	999.9	115.6	71.
46.7	115.0	13015.3	161.0	-55.8	99.9	253.2	79.7**	76.3	23.1	366.5	999.9	99.9	999.9	117.4	71.
47.2	116.0	13175.5	157.0	-55.8	99.9	254.2	74.2**	71.4	20.3	369.1	999.9	99.9	999.9	120.2	71.
47.7	117.0	13298.2	154.0	-56.2	99.9	255.8	57.3**	55.5	14.1	370.4	999.9	99.9	999.9	122.8	71.
48.1	118.0	13423.0	151.0	-57.0	99.9	256.8	45.8**	44.6	10.5	371.1	999.9	99.9	999.9	122.8	71.
48.5	119.0	13592.9	147.0	-57.2	99.9	255.5	43.9**	42.5	11.0	373.7	999.9	99.9	999.9	124.1	71.
48.9	120.0	13723.3	144.0	-57.3	99.9	251.8	51.6**	49.0	16.1	375.6	999.9	99.9	999.9	125.3	71.
49.3	121.0	13856.3	141.0	-57.3	99.9	248.5	59.0**	54.9	21.6	377.9	999.9	99.9	999.9	126.3	71.
49.8	122.0	13992.2	138.0	-57.5	99.9	244.7	62.4**	56.4	26.6	380.0	999.9	99.9	999.9	128.7	71.
50.3	123.0	14130.8	135.0	-58.5	99.9	241.0	57.0**	49.9	27.7	380.7	999.9	99.9	999.9	130.6	71.
50.8	124.0	14271.7	132.0	-59.6	99.9	238.0	48.8**	41.4	25.9	381.1	999.9	99.9	999.9	131.9	71.
51.2	125.0	14415.2	129.0	-60.4	99.9	235.6	42.2**	35.3	23.2	382.1	999.9	99.9	999.9	133.0	71.
51.8	126.0	14610.9	125.0	-61.6	99.9	237.0	34.9**	29.3	19.0	383.4	999.9	99.9	999.9	134.7	71.
52.3	127.0	14761.0	122.0	-62.8	99.9	240.5	40.8**	35.5	20.1	383.9	999.9	99.9	999.9	134.7	71.
52.7	128.0	14862.7	120.0	-63.2	99.9	243.4	54.2**	48.5	24.3	385.0	999.9	99.9	999.9	135.7	71.
53.2	129.0	15018.5	117.0	-63.0	99.9	245.7	70.1**	63.9	28.9	388.1	999.9	99.9	999.9	138.2	70.
53.6	130.0	15178.3	114.0	-63.0	99.9	246.7	71.6**	65.7	28.3	391.0	999.9	99.9	999.9	139.9	70.
54.1	131.0	15342.5	111.0	-63.0	99.9	247.1	53.6**	49.4	20.9	394.0	999.9	99.9	999.9	143.0	70.
54.6	132.0	15454.6	109.0	-62.3	99.9	245.5	29.9**	27.2	12.4	397.4	999.9	99.9	999.9	143.7	70.
55.0	133.0	15627.4	106.0	-61.1	99.9	242.1	18.2**	16.1	8.5	402.9	999.9	99.9	999.9	143.3	70.
55.5	134.0	15805.9	103.0	-60.6	99.9	244.7	16.0**	14.4	6.8	407.2	999.9	99.9	999.9	144.8	70.
56.0	135.0	15990.2	100.0	-59.9	99.9	250.6	14.5**	13.7	4.8	411.9	999.9	99.9	999.9	144.2	70.
56.4	136.0	16181.0	97.0	-58.6	99.9	249.2	10.2**	9.5	3.6	418.1	999.9	99.9	999.9	145.6	70.
57.3	137.0	16378.3	94.0	-59.0	99.9	84.7	4.1**	-4.1	-0.4	421.2	999.9	99.9	999.9	145.4	70.
57.9	138.0	16581.3	91.0	-60.1	99.9	67.9	15.7**	-14.5	-5.9	422.9	999.9	99.9	999.9	145.2	70.
58.5	139.0	16719.5	89.0	-61.3	99.9	58.7	13.2**	-11.2	-6.8	423.2	999.9	99.9	999.9	143.9	70.
59.1	140.0	16931.5	86.0	-63.0	99.9	263.6	10.4**	10.4	1.2	423.9	999.9	99.9	999.9	143.6	70.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1115 GMT

161 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
59.7	141.0	17149.4	83.0	-64.1	99.9	253.2	20.4**	19.5	5.9	426.0	999.9	99.9	999.9	145.2	70.
60.2	142.0	17298.5	81.0	-64.8	99.9	252.6	16.2**	15.5	4.9	427.5	999.9	99.9	999.9	145.7	70.
60.8	143.0	17528.8	79.0	-64.8	99.9	252.8	11.8**	11.3	3.5	432.1	999.9	99.9	999.9	146.1	70.
61.4	144.0	17687.9	76.0	-63.4	99.9	239.5	6.7**	5.7	3.4	438.4	999.9	99.9	999.9	145.8	70.
62.1	145.0	17851.9	74.0	-63.0	99.9	84.3	7.0*	-7.0	-0.7	442.5	999.9	99.9	999.9	147.6	70.
62.8	146.0	18106.7	71.0	-62.8	99.9	41.8	4.6*	-3.1	-3.4	448.1	999.9	99.9	999.9	145.8	70.
63.5	147.0	18283.3	69.0	-61.6	99.9	27.4	7.0*	-3.2	-6.3	454.4	999.9	99.9	999.9	146.0	70.
64.2	148.0	18558.6	66.0	-61.8	99.9	139.1	5.4*	1.9	-5.0	459.9	999.9	99.9	999.9	145.2	70.
65.0	149.0	18748.3	64.0	-63.4	99.9	275.9	11.9*	11.8	-1.2	460.5	999.9	99.9	999.9	147.5	71.
65.7	150.0	18943.3	62.0	-63.7	99.9	250.3	17.9*	16.8	6.0	463.9	999.9	99.9	999.9	146.0	71.
66.5	151.0	19248.9	59.0	-61.8	99.9	243.0	26.3*	23.4	11.9	474.8	999.9	99.9	999.9	147.3	71.
67.3	152.0	19462.6	57.0	-61.5	99.9	242.8	43.4*	35.9	18.5	480.3	999.9	99.9	999.9	148.9	71.
68.0	153.0	19683.8	55.0	-62.0	99.9	246.0	39.6*	31.6	14.1	484.1	999.9	99.9	999.9	152.3	70.
68.8	154.0	19912.2	53.0	-63.2	99.9	256.5	25.8*	25.1	6.0	486.4	999.9	99.9	999.9	152.0	70.
69.7	155.0	20147.9	51.0	-64.8	99.9	253.0	57.8*	55.3	16.9	488.0	999.9	99.9	999.9	153.7	71.
70.4	156.0	20391.6	49.0	-65.6	99.9	250.8	78.7*	74.3	26.0	491.8	999.9	99.9	999.9	156.9	71.
71.2	157.0	20645.3	47.0	-65.0	99.9	250.6	39.9*	37.7	13.3	499.1	999.9	99.9	999.9	161.5	71.
72.1	158.0	20910.8	45.0	-64.5	99.9	248.6	41.4*	38.6	15.1	506.7	999.9	99.9	999.9	161.4	71.
73.1	159.0	21189.5	43.0	-63.2	99.9	256.0	43.7*	42.4	10.6	516.4	999.9	99.9	999.9	165.1	71.
74.1	160.0	21482.3	41.0	-63.4	99.9	260.4	42.2*	41.6	7.0	523.0	999.9	99.9	999.9	167.2	71.
75.2	161.0	21950.4	38.0	-62.3	99.9	255.1	45.3*	43.7	11.6	537.2	999.9	99.9	999.9	170.3	71.
76.2	162.0	22283.7	36.0	-63.0	99.9	254.2	57.5*	55.3	15.6	543.7	999.9	99.9	999.9	172.8	71.
77.2	163.0	22636.4	34.0	-62.0	99.9	255.0	61.0*	58.9	15.8	555.5	999.9	99.9	999.9	177.5	71.
78.2	164.0	23011.1	32.0	-62.3	99.9	258.1	42.8*	41.9	8.9	564.2	999.9	99.9	999.9	180.1	71.
79.4	165.0	23408.1	30.0	-63.9	99.9	999.9	99.9	99.9	99.9	570.4	999.9	99.9	999.9	999.9	999.
80.8	166.0	23830.1	28.0	-64.8	99.9	999.9	99.9	99.9	99.9	579.3	999.9	99.9	999.9	999.9	999.

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1415 GMT

165 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	180.0	992.8	5.5	2.5	290.0	3.1	2.9	-1.1	279.8	291.7	4.6	81.0	0.0	0.
0.4	7.0	260.9	983.0	3.4	0.9	305.4	6.5	5.3	-3.8	278.5	289.2	4.2	83.6	0.2	127.
0.7	8.0	352.1	972.0	2.4	0.9	303.2	6.4	5.4	-3.5	278.4	289.2	4.2	89.6	0.3	127.
1.1	9.0	452.5	960.0	1.8	0.9	300.4	6.4	5.5	-3.2	278.7	289.7	4.3	94.4	0.4	125.
1.5	10.0	545.4	949.0	0.8	0.3	302.1	6.6	5.6	-3.5	278.6	289.2	4.1	96.4	0.6	122.
1.9	11.0	664.7	935.0	-0.4	-0.8	307.5	6.0	4.8	-3.7	278.6	288.5	3.9	96.6	0.7	124.
2.3	12.0	750.3	924.0	-1.2	-1.3	310.0	5.4	4.2	-3.5	278.7	288.4	3.8	98.7	0.9	125.
2.7	13.0	854.8	913.0	-1.8	-1.9	314.0	5.6	4.0	-3.9	279.0	288.5	3.7	99.5	1.0	125.
3.0	14.0	951.2	902.0	-2.6	-2.6	317.9	6.3	4.2	-4.7	279.1	288.2	3.5	100.4	1.1	126.
3.3	15.0	1048.6	891.0	-3.1	-3.1	315.0	6.4	4.5	-4.5	279.6	288.5	3.4	100.8	1.2	128.
3.8	16.0	1174.0	877.0	-3.5	-3.5	297.7	7.2	6.4	-3.3	280.4	289.2	3.4	100.7	1.4	128.
4.3	17.0	1264.7	867.0	-3.7	-14.5	283.5	9.2	8.9	-2.1	280.9	284.8	1.4	42.6	1.6	125.
4.7	18.0	1365.7	856.0	-3.1	-15.4	284.2	10.1	9.8	-2.5	282.5	286.3	1.3	37.8	1.9	122.
5.1	19.0	1468.4	845.0	-1.3	-13.0	282.4	10.7	10.4	-2.3	285.4	290.1	1.7	40.4	2.1	120.
5.5	20.0	1572.8	834.0	-1.8	-12.4	260.0	13.6	13.4	2.4	286.0	291.0	1.8	44.0	2.3	120.
6.0	21.0	1697.7	821.0	-2.0	-12.1	244.5	17.4	15.7	7.5	287.1	292.3	1.8	45.5	2.7	109.
6.4	22.0	1795.0	811.0	-2.9	-10.5	247.4	15.6	14.6	5.5	287.2	293.1	2.1	55.6	3.0	105.
6.8	23.0	1903.1	800.0	-3.5	-10.6	250.9	15.1	14.3	4.9	287.6	293.6	2.1	58.1	3.3	101.
7.2	24.0	1992.4	791.0	-4.5	-10.8	250.9	15.4	14.6	5.1	287.6	293.5	2.1	61.0	3.6	98.
7.6	25.0	2102.7	780.0	-4.8	-11.2	250.2	16.1	15.2	5.5	288.4	294.3	2.1	60.8	3.9	96.
8.1	26.0	2234.8	767.0	-5.5	-11.6	249.0	17.3	16.1	6.5	289.0	294.8	2.1	62.3	4.4	93.
8.4	27.0	2337.7	757.0	-6.3	-12.0	247.1	17.8	16.4	6.9	289.2	294.9	2.0	64.0	4.7	91.
8.8	28.0	2431.1	748.0	-7.2	-12.4	246.4	18.4	16.9	7.4	289.2	294.8	2.0	66.1	5.1	89.
9.3	29.0	2536.0	738.0	-7.8	-14.6	245.9	19.7	17.9	8.0	289.7	294.4	1.7	57.7	5.6	87.
9.7	30.0	2642.0	728.0	-8.2	-13.7	245.6	21.1	19.2	8.7	290.3	295.5	1.8	64.5	6.1	85.
10.1	31.0	2749.4	718.0	-8.7	-12.4	245.0	22.5	20.4	9.5	291.0	296.8	2.0	74.0	6.6	84.
10.5	32.0	2847.2	709.0	-8.9	-13.9	244.2	23.7	21.4	10.3	291.7	297.0	1.8	67.1	7.1	82.
10.9	33.0	2957.1	699.0	-9.7	-16.2	243.1	24.5	21.9	11.1	292.1	296.5	1.5	58.6	7.7	81.
11.3	34.0	3057.1	690.0	-10.4	-16.1	242.0	25.2	22.2	11.8	292.3	296.9	1.6	62.8	8.2	80.
11.7	35.0	3158.1	681.0	-11.1	-14.8	241.3	25.8	22.7	12.4	292.7	297.8	1.8	74.3	8.8	78.
12.2	36.0	3294.5	669.0	-11.7	-14.8	241.1	26.8	23.4	13.0	293.5	298.7	1.8	77.4	9.6	77.
12.6	37.0	3398.2	660.0	-12.4	-15.4	241.4	27.8	24.4	13.3	293.8	298.9	1.8	78.5	10.2	76.
13.0	38.0	3503.0	651.0	-13.2	-16.2	242.1	29.1	25.7	13.6	294.0	298.9	1.7	78.6	10.8	75.
13.3	39.0	3609.0	642.0	-13.9	-16.7	243.0	29.8	26.6	13.5	294.4	299.1	1.6	79.3	11.4	74.
13.8	40.0	3716.2	633.0	-14.4	-16.9	244.3	30.5	27.5	13.2	295.1	299.8	1.6	81.3	12.3	73.
14.2	41.0	3849.1	622.0	-14.6	-16.9	245.1	30.9	28.0	13.0	296.3	301.1	1.6	82.7	13.0	73.
14.7	42.0	3959.4	613.0	-15.3	-17.7	245.5	32.3	29.4	13.4	296.7	301.3	1.5	81.8	13.9	73.
15.1	43.0	4058.6	605.0	-15.9	-18.2	245.8	34.1	31.1	14.0	297.2	301.7	1.5	82.6	14.6	72.
15.4	44.0	4171.5	596.0	-16.6	-18.6	246.3	35.6	32.2	14.3	297.7	302.1	1.5	84.5	15.3	72.
15.8	45.0	4285.8	587.0	-17.3	-19.2	247.3	36.7	33.7	14.2	298.1	302.4	1.4	84.7	16.2	72.
16.2	46.0	4388.6	579.0	-17.8	-20.3	248.4	37.4	34.7	13.7	298.7	302.6	1.3	80.6	17.1	71.
16.6	47.0	4505.7	570.0	-18.8	-21.6	249.2	37.9	35.5	13.4	298.9	302.5	1.2	77.8	18.0	71.
17.0	48.0	4610.9	562.0	-19.3	-22.3	249.4	39.0	36.5	13.7	299.4	302.9	1.1	77.1	18.9	71.
17.4	49.0	4717.5	554.0	-20.1	-23.1	249.0	40.7	38.0	14.6	299.7	303.0	1.1	77.0	19.9	71.
17.8	50.0	4825.2	546.0	-20.6	-23.8	248.7	42.1	39.1	15.3	300.3	303.5	1.0	75.9	20.9	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1415 GMT

165 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.3	51.0	4961.8	536.0	-21.4	-24.7	248.4	43.6	40.5	16.0	300.9	303.9	1.0	75.1	22.2	71.
18.7	52.0	5072.6	528.0	-22.1	-25.2	248.5	44.5	41.5	16.3	301.4	304.3	0.9	75.7	23.2	71.
19.1	53.0	5170.6	521.0	-23.2	-26.0	248.8	45.7	42.6	16.5	301.3	304.0	0.9	77.4	24.2	71.
19.4	54.0	5298.0	512.0	-24.1	-27.1	249.3	46.6	43.6	16.5	301.7	304.2	0.8	75.8	25.1	71.
19.8	55.0	5398.3	505.0	-24.6	-27.7	249.7	47.7	44.7	16.5	302.2	304.6	0.8	75.4	26.3	71.
20.3	56.0	5543.7	495.0	-25.5	-28.2	249.7	49.8*	46.7	17.2	302.8	305.2	0.7	78.1	27.7	71.
20.7	57.0	5647.2	488.0	-25.2	-27.6	249.4	52.8*	49.4	18.6	304.5	307.1	0.8	75.6	28.9	70.
21.2	58.0	5767.5	480.0	-24.1	-26.4	248.5	57.1*	53.1	21.2	307.3	310.2	0.9	81.3	30.5	70.
21.7	59.0	5874.8	473.0	-24.1	-26.4	247.3	60.7*	56.3	23.4	308.6	311.5	0.9	80.8	32.4	70.
22.1	60.0	5983.4	466.0	-25.2	-27.9	246.3	60.7*	55.1	24.2	308.6	311.2	0.8	77.7	34.0	70.
22.5	61.0	6109.0	458.0	-25.9	-29.1	245.3	58.3*	52.9	24.4	309.1	311.5	0.7	74.5	35.5	70.
22.9	62.0	6220.4	451.0	-26.9	-30.1	244.6	58.6*	52.9	25.1	309.3	311.6	0.7	74.1	36.5	70.
23.3	63.0	6333.0	444.0	-27.9	-31.1	244.1	59.9*	53.9	26.1	309.4	311.5	0.6	74.1	38.0	70.
23.8	64.0	6447.0	437.0	-28.8	-32.1	243.7	60.1*	53.8	26.6	309.6	311.5	0.6	72.8	40.0	69.
24.2	65.0	6562.5	430.0	-29.4	-32.5	243.7	59.2*	53.1	26.2	310.4	312.3	0.6	73.6	41.4	69.
24.7	66.0	6696.4	422.0	-30.3	-33.4	244.2	59.7*	53.1	25.8	310.9	312.6	0.5	73.7	43.0	69.
25.2	67.0	6815.2	415.0	-31.2	-34.1	244.9	60.7*	54.6	25.5	311.2	312.9	0.5	75.0	44.8	69.
25.6	68.0	6935.5	408.0	-32.2	-35.4	245.4	59.6*	54.2	24.8	311.3	312.8	0.5	72.8	46.4	69.
26.0	69.0	7039.9	402.0	-33.4	-37.6	245.9	57.2*	52.3	23.4	311.1	312.3	0.4	65.5	48.0	68.
26.4	70.0	7145.2	396.0	-34.5	-39.1	246.6	55.2*	50.7	21.9	311.1	312.2	0.3	62.7	48.8	68.
26.8	71.0	7305.6	387.0	-35.7	-40.7	247.1	52.6*	48.7	20.6	311.5	312.5	0.3	59.6	50.5	68.
27.3	72.0	7432.3	380.0	-36.8	-42.2	247.1	50.6*	46.9	19.8	311.6	312.4	0.2	56.9	52.0	68.
27.7	73.0	7542.2	374.0	-38.0	-43.4	246.9	53.6*	49.3	21.0	311.4	312.2	0.2	56.5	53.0	68.
28.2	74.0	7653.3	368.0	-39.2	-44.7	246.4	63.4*	58.1	25.4	311.3	311.9	0.2	55.5	54.5	68.
28.6	75.0	7765.8	362.0	-39.8	-45.1	245.9	73.1*	66.7	29.8	312.0	312.7	0.2	56.4	56.1	68.
29.0	76.0	7899.0	355.0	-40.6	-46.0	245.4	81.4*	74.0	33.9	312.7	999.9	99.9	999.9	58.9	68.
29.4	77.0	8014.9	349.0	-41.5	-46.0	245.5	86.2*	78.5	35.8	313.0	999.9	99.9	999.9	59.7	68.
29.8	78.0	8132.3	343.0	-42.5	-46.0	246.0	84.5*	77.6	34.5	313.2	999.9	99.9	999.9	62.6	68.
30.2	79.0	8251.4	337.0	-43.2	-46.0	246.7	79.5*	73.0	31.4	313.9	999.9	99.9	999.9	65.1	68.
30.7	80.0	8351.9	332.0	-44.0	-46.0	247.5	75.6*	69.9	28.9	314.1	999.9	99.9	999.9	66.6	68.
31.2	81.0	8515.1	324.0	-45.3	-46.0	247.9	82.7*	76.6	31.2	314.6	999.9	99.9	999.9	68.5	68.
31.7	82.0	8618.8	319.0	-46.0	-46.0	247.9	89.3**	82.8	33.6	315.0	999.9	99.9	999.9	71.8	68.
32.2	83.0	8744.8	313.0	-47.2	-46.0	247.9	84.6**	78.3	31.9	314.9	999.9	99.9	999.9	74.7	68.
32.6	84.0	8851.1	308.0	-48.4	-46.0	247.8	72.8**	67.4	27.5	314.8	999.9	99.9	999.9	76.0	68.
33.2	85.0	8980.2	302.0	-49.6	-46.0	249.3	33.5**	31.7	12.0	314.9	999.9	99.9	999.9	79.5	68.
33.8	86.0	9133.3	295.0	-51.0	-46.0	52.0	16.9**	-13.3	-10.4	314.9	999.9	99.9	999.9	79.3	68.
34.3	87.0	9244.3	290.0	-52.1	-46.0	55.5	34.0**	-28.0	-19.2	315.0	999.9	99.9	999.9	77.5	68.
34.8	88.0	9356.6	285.0	-53.3	-46.0	52.5	25.7**	-20.4	-15.6	314.8	999.9	99.9	999.9	76.2	68.
35.3	89.0	9470.3	280.0	-54.1	-46.0	45.5	13.0*	-9.2	-9.1	315.3	999.9	99.9	999.9	76.2	68.
35.8	90.0	9585.7	275.0	-54.9	-46.0	35.3	7.2*	-4.2	-5.9	315.7	999.9	99.9	999.9	75.9	69.
36.3	91.0	9702.9	270.0	-55.5	-46.0	314.1	4.2*	3.0	-2.9	316.5	999.9	99.9	999.9	76.0	69.
36.7	92.0	9821.8	265.0	-56.3	-46.0	261.9	19.5*	19.4	2.8	317.0	999.9	99.9	999.9	75.6	69.
37.2	93.0	9942.6	260.0	-57.0	-46.0	254.9	55.4*	53.5	14.4	317.8	999.9	99.9	999.9	76.0	69.
37.6	94.0	10065.5	255.0	-57.1	-46.0	253.4	85.8*	82.3	24.5	319.3	999.9	99.9	999.9	78.7	69.
38.0	95.0	10190.5	250.0	-58.1	-46.0	252.6	106.6*	101.7	31.9	319.6	999.9	99.9	999.9	79.6	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1415 GMT

165 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.6	96.0	10343.1	244.0	-59.1	99.9	251.5	104.9*	99.5	33.3	320.4	999.9	99.9	999.9	86.3	69.
39.0	97.0	10446.6	240.0	-59.7	99.9	253.6	97.8*	92.2	32.4	321.1	999.9	99.9	999.9	86.2	69.
39.4	98.0	10578.2	235.0	-60.0	99.9	249.4	93.9**	87.9	33.0	322.5	999.9	99.9	999.9	90.3	69.
39.8	99.0	10712.3	230.0	-60.5	99.9	247.9	90.5**	83.9	34.1	323.7	999.9	99.9	999.9	92.0	69.
40.3	100.0	10821.7	226.0	-59.8	99.9	246.1	87.3**	79.8	35.3	326.4	999.9	99.9	999.9	94.8	69.
40.8	101.0	10961.9	221.0	-58.5	99.9	245.5	85.5**	77.8	35.5	330.6	999.9	99.9	999.9	97.0	69.
41.3	102.0	11106.2	216.0	-57.3	99.9	245.8	83.5**	76.1	34.2	334.6	999.9	99.9	999.9	100.0	69.
41.8	103.0	11224.4	212.0	-57.1	99.9	246.2	87.4**	80.0	35.3	336.6	999.9	99.9	999.9	102.2	69.
42.3	104.0	11345.1	208.0	-56.5	99.9	246.3	112.8**	103.3	45.4	339.5	999.9	99.9	999.9	104.2	69.
42.8	105.0	11468.7	204.0	-55.5	99.9	246.3	155.7**	142.6	62.6	342.9	999.9	99.9	999.9	107.9	69.
43.3	106.0	11595.2	200.0	-54.4	99.9	246.1	174.2**	159.3	70.5	346.6	999.9	99.9	999.9	113.7	69.
43.8	107.0	11724.7	196.0	-54.3	99.9	245.6	142.0**	129.4	58.6	348.9	999.9	99.9	999.9	121.9	68.
44.3	108.0	11856.9	192.0	-54.3	99.9	245.0	104.0**	94.3	44.0	350.9	999.9	99.9	999.9	122.8	68.
44.7	109.0	11991.7	188.0	-54.9	99.9	245.0	97.0**	87.9	40.9	352.0	999.9	99.9	999.9	123.1	68.
45.2	110.0	12129.2	184.0	-54.9	99.9	245.3	96.1**	87.3	40.2	354.2	999.9	99.9	999.9	128.8	68.
45.7	111.0	12305.3	179.0	-54.9	99.9	244.6	66.5**	60.1	28.5	357.0	999.9	99.9	999.9	132.1	68.
46.2	112.0	12449.8	175.0	-54.9	99.9	242.3	27.1**	24.0	12.6	359.3	999.9	99.9	999.9	132.2	68.
46.6	113.0	12560.2	172.0	-55.4	99.9	242.6	13.4**	11.9	6.2	360.3	999.9	99.9	999.9	132.9	68.
47.1	114.0	12710.1	168.0	-56.0	99.9	240.7	35.5**	33.1	12.9	361.7	999.9	99.9	999.9	132.1	68.
47.5	115.0	12824.5	165.0	-56.8	99.9	249.7	74.9**	69.8	27.2	362.2	999.9	99.9	999.9	131.4	68.
48.0	116.0	13019.3	160.0	-57.1	99.9	248.4	110.1**	102.4	40.5	364.8	999.9	99.9	999.9	137.7	68.
48.5	117.0	13139.0	157.0	-57.5	99.9	249.2	106.1**	99.1	37.7	366.3	999.9	99.9	999.9	141.2	68.
48.9	118.0	13260.7	154.0	-58.1	99.9	250.8	91.6**	86.5	30.1	367.2	999.9	99.9	999.9	142.5	68.
49.4	119.0	13426.3	150.0	-58.5	99.9	252.8	71.6**	68.3	21.2	369.4	999.9	99.9	999.9	145.9	68.
50.1	120.0	13553.5	147.0	-58.1	99.9	254.3	31.0**	29.9	8.4	372.1	999.9	99.9	999.9	147.9	68.
50.6	121.0	13683.5	144.0	-57.5	99.9	255.3	11.1**	10.8	2.8	375.4	999.9	99.9	999.9	148.5	68.
51.1	122.0	13816.7	141.0	-57.0	99.9	249.1	24.3**	22.7	8.7	378.6	999.9	99.9	999.9	147.3	68.
51.5	123.0	13952.9	138.0	-56.7	99.9	247.7	51.7**	47.8	19.6	381.5	999.9	99.9	999.9	146.6	68.
51.9	124.0	14092.2	135.0	-57.1	99.9	247.1	66.4**	61.1	25.8	383.0	999.9	99.9	999.9	152.0	68.
52.4	125.0	14234.1	132.0	-58.0	99.9	245.7	75.8**	69.1	31.2	384.0	999.9	99.9	999.9	152.4	68.
52.8	126.0	14427.8	128.0	-58.5	99.9	245.3	88.0**	80.0	36.7	386.5	999.9	99.9	999.9	153.4	68.
53.3	127.0	14576.7	125.0	-59.1	99.9	247.5	91.9**	84.9	35.2	387.9	999.9	99.9	999.9	158.3	68.
53.8	128.0	14728.9	122.0	-59.5	99.9	253.3	52.0**	49.8	15.0	390.0	999.9	99.9	999.9	160.4	68.
54.2	129.0	14884.5	119.0	-59.8	99.9	316.5	4.6**	3.1	-3.3	392.1	999.9	99.9	999.9	162.8	68.
54.7	130.0	15043.7	116.0	-60.9	99.9	81.3	20.4**	-20.2	-3.1	393.1	999.9	99.9	999.9	160.4	68.
55.2	131.0	15205.9	113.0	-62.7	99.9	229.3	40.1**	30.4	26.2	392.7	999.9	99.9	999.9	155.0	68.
55.7	132.0	15371.5	110.0	-63.4	99.9	241.5	91.8**	80.6	47.9	394.3	999.9	99.9	999.9	163.6	68.
56.2	133.0	15484.4	108.0	-62.9	99.9	247.9	73.9**	68.5	27.8	397.5	999.9	99.9	999.9	166.5	68.
56.8	134.0	15658.1	105.0	-62.5	99.9	261.4	39.2**	38.7	5.8	401.4	999.9	99.9	999.9	166.5	68.
57.3	135.0	15837.3	102.0	-61.6	99.9	258.9	41.9**	41.1	8.0	406.4	999.9	99.9	999.9	166.9	68.
57.9	136.0	16022.4	99.0	-61.4	99.9	254.1	33.0**	31.7	9.0	410.3	999.9	99.9	999.9	170.9	68.
58.6	137.0	16214.0	96.0	-59.8	99.9	295.8	4.8**	4.3	-2.1	417.0	999.9	99.9	999.9	169.9	68.
59.2	138.0	16413.2	93.0	-58.1	99.9	259.4	16.7**	16.5	3.1	424.1	999.9	99.9	999.9	169.5	68.
59.9	139.0	16619.2	90.0	-59.1	99.9	247.4	43.0**	39.7	16.5	426.1	999.9	99.9	999.9	171.4	68.
60.5	140.0	16830.9	87.0	-60.7	99.9	246.9	50.8**	46.7	19.9	427.1	999.9	99.9	999.9	173.3	68.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1415 GMT

165 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
61.2	141.0	17048.4	84.0	-62.5	99.9	250.5	57.6**	54.3	19.2	427.8	999.9	99.9	999.9	175.2	68.
61.8	142.0	17197.0	82.0	-62.7	99.9	251.7	33.3**	31.6	10.4	430.4	999.9	99.9	999.9	178.5	68.
62.4	143.0	17427.9	79.0	-60.7	99.9	70.0	27.2**	-25.6	-9.3	439.1	999.9	99.9	999.9	179.3	68.
63.1	144.0	17668.5	76.0	-61.2	99.9	72.3	45.8**	-43.7	-13.9	442.9	999.9	99.9	999.9	174.7	68.
63.8	145.0	17833.5	74.0	-62.5	99.9	72.1	15.9**	-15.1	-4.9	443.6	999.9	99.9	999.9	174.2	68.
64.4	146.0	18089.2	71.0	-61.9	99.9	65.1	61.3**	-55.3	-25.8	450.1	999.9	99.9	999.9	176.1	68.
65.2	147.0	18266.2	69.0	-61.6	99.9	65.5	112.1**	-102.1	-46.4	454.5	999.9	99.9	999.9	167.9	68.
65.8	148.0	18541.6	66.0	-61.6	99.9	65.0	52.6**	-47.7	-22.2	460.3	999.9	99.9	999.9	163.8	68.
66.6	149.0	18732.0	64.0	-62.3	99.9	63.2	21.2**	-19.1	-9.6	462.8	999.9	99.9	999.9	165.6	68.
67.4	150.0	19028.4	61.0	-62.5	99.9	64.0	22.2**	-20.1	-9.8	468.8	999.9	99.9	999.9	162.3	69.
68.2	151.0	19234.1	59.0	-62.5	99.9	73.5	20.1**	-19.1	-5.7	473.3	999.9	99.9	999.9	162.8	69.
69.0	152.0	19556.8	56.0	-61.6	99.9	67.1	46.4**	-42.1	-18.0	482.5	999.9	99.9	999.9	161.6	68.
69.9	153.0	19781.5	54.0	-62.9	99.9	282.5	6.1**	5.1	-1.3	484.6	999.9	99.9	999.9	157.5	69.
70.7	154.0	20132.8	51.0	-63.8	99.9	280.5	4.5*	4.4	-0.8	490.4	999.9	99.9	999.9	161.5	69.
71.6	155.0	20377.3	49.0	-65.3	99.9	63.7	53.1*	-47.6	-23.5	492.5	999.9	99.9	999.9	158.1	69.
72.5	156.0	20763.3	46.0	-63.8	99.9	242.2	44.4*	39.3	20.7	505.1	999.9	99.9	999.9	156.0	69.
73.4	157.0	21035.8	44.0	-64.0	99.9	244.2	39.7*	35.7	17.3	511.1	999.9	99.9	999.9	163.1	68.
74.3	158.0	21320.6	42.0	-64.3	99.9	38.8	22.6*	-14.2	-17.6	517.0	999.9	99.9	999.9	160.7	69.
75.4	159.0	21774.5	39.0	-63.8	99.9	253.1	54.7*	52.3	15.9	529.5	999.9	99.9	999.9	163.4	69.
76.4	160.0	22096.5	37.0	-64.9	99.9	256.0	34.4*	33.4	8.3	534.7	999.9	99.9	999.9	163.7	69.
77.5	161.0	22613.0	34.0	-64.3	99.9	248.0	119.3*	110.6	44.7	549.2	999.9	99.9	999.9	170.8	69.
78.6	162.0	22984.3	32.0	-63.8	99.9	253.3	53.8*	51.5	15.5	560.4	999.9	99.9	999.9	175.5	69.
79.8	163.0	23379.0	30.0	-64.9	99.9	248.1	72.6*	67.3	27.1	567.7	999.9	99.9	999.9	178.3	69.
81.2	164.0	24025.2	27.0	-62.7	99.9	255.5	60.8*	58.8	15.2	591.4	999.9	99.9	999.9	187.2	69.
82.4	165.0	24498.8	25.0	-63.4	99.9	252.2	51.3*	48.9	15.7	602.4	999.9	99.9	999.9	188.2	69.
83.9	166.0	25010.4	23.0	-64.0	99.9	259.2	53.9*	52.9	10.1	615.3	999.9	99.9	999.9	194.2	69.
85.6	167.0	25868.7	20.0	-63.0	99.9	254.7	49.1*	47.4	13.0	643.3	999.9	99.9	999.9	200.0	70.
87.5	168.0	26520.5	18.0	-60.9	99.9	294.8	14.6*	13.3	-6.1	669.7	999.9	99.9	999.9	204.6	70.
89.7	169.0	27665.9	15.0	-56.5	99.9	277.2	16.4*	16.3	-2.1	720.2	999.9	99.9	999.9	206.3	70.
92.1	170.0	28576.8	13.0	-55.2	99.9	999.9	99.9	99.9	99.9	754.7	999.9	99.9	999.9	999.9	999.

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1715 GMT

159 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GP/KG	RH PCT	RANGF KM	AZ DG
0.0	6.3	180.0	994.0	3.1	2.4	290.0	5.2	4.9	-1.8	277.3	289.0	4.6	95.0	0.0	0.
0.3	7.0	245.4	986.0	1.9	1.5	293.3	9.6	8.8	-3.8	276.8	287.8	4.3	97.2	0.3	108.
0.7	8.0	352.5	973.0	1.1	0.8	294.1	10.0	9.1	-4.1	277.0	287.6	4.2	97.7	0.4	110.
1.2	9.0	443.9	962.0	0.5	0.3	294.8	10.4	9.4	-4.4	277.2	287.6	4.1	98.5	0.7	112.
1.5	10.0	544.7	950.0	-0.0	-0.2	294.4	10.4	9.4	-4.3	277.7	287.9	4.0	98.5	0.9	113.
2.0	11.0	663.6	936.0	-0.8	-1.1	290.0	10.1	9.4	-3.4	278.0	287.8	3.8	98.2	1.2	113.
2.4	12.0	766.6	924.0	-1.6	-1.8	284.4	10.1	9.4	-3.2	278.2	287.6	3.6	98.2	1.4	112.
2.8	13.0	861.9	913.0	-2.2	-2.5	286.0	9.7	9.4	-2.7	278.5	287.6	3.5	98.2	1.7	111.
3.2	14.0	958.2	902.0	-3.0	-3.3	283.6	9.5	9.4	-2.2	278.6	287.3	3.3	97.9	1.9	111.
3.6	15.0	1055.4	891.0	-3.5	-3.7	281.3	9.7	9.5	-1.9	279.1	287.7	3.3	98.0	2.1	110.
4.1	16.0	1180.7	877.0	-3.8	-4.1	276.5	9.7	9.6	-1.1	280.1	288.6	3.2	97.7	2.4	109.
4.4	17.0	1280.4	866.0	-4.2	-4.6	270.2	8.7	8.7	-0.0	280.6	288.9	3.2	97.7	2.6	108.
4.8	18.0	1381.2	855.0	-4.7	-5.0	261.7	7.2	7.1	1.0	281.1	289.3	3.1	97.6	2.8	106.
5.2	19.0	1483.1	844.0	-5.0	-5.3	257.5	6.5	6.3	1.4	281.8	290.0	3.1	97.8	2.9	104.
5.7	20.0	1586.2	833.0	-5.5	-5.8	264.5	7.6	7.6	0.7	282.4	290.4	3.0	97.7	3.1	103.
6.2	21.0	1709.6	820.0	-6.2	-6.5	267.5	11.0	11.0	0.5	282.9	290.6	2.9	98.2	3.3	102.
6.5	22.0	1815.3	809.0	-6.5	-6.8	264.8	13.6	13.5	1.2	283.7	291.3	2.8	98.2	3.5	101.
6.8	23.0	1912.8	799.0	-5.6	-5.8	257.5	15.8	15.5	3.4	285.7	294.0	3.1	98.3	3.8	100.
7.3	24.0	2021.8	788.0	-5.0	-5.2	250.3	19.0	17.9	6.4	287.5	296.4	3.3	98.4	4.3	96.
7.7	25.0	2122.2	778.0	-5.3	-5.5	247.6	20.4	18.9	7.8	288.2	297.1	3.3	98.5	4.7	94.
8.2	26.0	2254.6	765.0	-5.8	-6.0	246.5	21.5	19.7	8.6	289.1	297.9	3.2	98.5	5.3	90.
8.7	27.0	2357.7	755.0	-6.5	-6.7	247.0	22.6	20.4	8.8	289.3	297.8	3.1	98.4	5.9	88.
9.2	28.0	2472.5	744.0	-6.7	-6.9	249.1	23.6	22.1	8.4	290.4	298.9	3.1	98.4	6.5	85.
9.6	29.0	2578.2	734.0	-7.1	-7.3	251.0	24.4	23.1	7.9	291.0	299.3	3.0	98.3	7.1	84.
9.9	30.0	2674.4	725.0	-7.8	-8.1	251.9	24.7	23.4	7.7	291.2	299.2	2.9	98.0	7.5	84.
10.3	31.0	2782.4	715.0	-8.4	-8.9	252.3	24.6	23.4	7.5	291.7	299.3	2.7	96.4	8.1	83.
10.7	32.0	2891.6	705.0	-9.5	-10.3	252.4	24.4	23.3	7.4	291.7	298.7	2.5	93.8	8.7	82.
11.2	33.0	2990.8	696.0	-10.3	-11.1	252.6	24.4	23.4	7.3	291.8	298.4	2.3	93.7	9.4	81.
11.5	34.0	3102.2	686.0	-11.0	-11.6	252.8	24.7	23.6	7.3	292.2	298.7	2.3	95.3	9.8	81.
11.8	35.0	3203.5	677.0	-12.0	-12.8	252.7	25.2	24.1	7.5	292.2	298.2	2.1	94.1	10.3	81.
12.3	36.0	3340.3	665.0	-12.6	-13.5	251.9	26.4	25.1	8.2	293.0	298.9	2.0	93.3	11.1	80.
12.7	37.0	3444.2	656.0	-13.6	-16.6	250.8	27.9	26.3	9.2	293.0	297.6	1.6	78.1	11.7	80.
13.2	38.0	3560.9	646.0	-14.4	-22.6	249.3	30.6	28.6	10.8	293.3	296.1	1.0	49.7	12.5	79.
13.5	39.0	3667.2	637.0	-15.1	-28.5	248.4	32.6	30.3	12.0	293.6	295.4	0.6	30.8	13.1	79.
13.9	40.0	3774.7	628.0	-15.1	-26.5	247.6	35.8	33.1	13.6	294.8	297.0	0.7	37.1	13.9	78.
14.4	41.0	3908.4	617.0	-15.0	-23.9	247.3	39.4	36.4	15.2	296.5	299.2	0.9	46.2	15.0	77.
14.9	42.0	4019.6	608.0	-15.0	-19.8	247.0	41.7	38.4	16.3	297.8	301.7	1.3	66.6	16.3	76.
15.4	43.0	4132.3	599.0	-15.5	-20.9	246.1	42.8	39.2	17.3	298.4	302.0	1.2	63.2	17.4	76.
15.9	44.0	4246.4	590.0	-16.5	-22.0	244.8	43.8	39.7	18.6	298.6	301.9	1.1	62.5	18.8	75.
16.3	45.0	4349.1	582.0	-16.6	-21.2	243.7	44.1	39.4	19.6	299.6	303.2	1.2	67.3	19.8	74.
16.8	46.0	4466.2	573.0	-17.0	-20.7	242.3	43.2	38.4	20.1	300.4	304.3	1.3	73.2	21.2	74.
17.2	47.0	4571.6	565.0	-17.6	-20.1	241.1	41.7	36.5	20.1	301.0	305.2	1.4	80.8	22.2	73.
17.6	48.0	4678.3	557.0	-18.5	-21.8	240.1	40.4	35.0	20.2	301.1	304.8	1.2	75.6	23.2	73.
18.0	49.0	4799.6	548.0	-19.4	-22.2	239.5	40.8	35.1	20.7	301.5	305.1	1.2	78.0	24.0	72.
18.4	50.0	4908.8	540.0	-20.4	-23.0	240.0	45.5*	39.4	22.7	301.5	304.9	1.1	79.6	24.9	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1715 GMT

159 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	10 COME M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
18.8	51.0	5047.1	530.0	-21.0	-23.6	240.8	52.4*	45.1	25.5	302.5	305.8	1.1	79.3	26.0	71.
19.2	52.0	5159.3	522.0	-21.9	-25.1	241.3	58.9*	51.1	28.3	302.7	305.6	0.9	75.3	27.3	71.
19.5	53.0	5287.3	513.0	-22.3	-28.8	241.5	62.9*	55.1	30.0	303.6	305.8	0.7	55.0	28.6	70.
19.9	54.0	5402.7	505.0	-22.8	-32.1	241.2	60.9*	53.4	29.4	304.3	306.0	0.5	42.2	30.1	70.
20.3	55.0	5505.2	498.0	-22.2	-29.5	240.6	54.2*	47.1	26.6	306.4	308.5	0.7	51.1	31.8	69.
20.9	56.0	5654.2	488.0	-22.7	-29.3	240.8	45.4*	39.6	22.2	307.5	309.7	0.7	54.3	33.2	69.
21.3	57.0	5760.1	481.0	-23.4	-29.6	242.6	50.0*	44.4	23.0	308.0	310.2	0.7	56.3	34.1	69.
21.8	58.0	5882.6	473.0	-24.6	-30.7	244.9	64.3*	58.1	27.3	308.0	310.0	0.6	56.2	35.4	68.
22.3	59.0	6006.7	465.0	-25.1	-29.8	246.2	73.5*	67.1	29.7	308.8	311.1	0.7	64.4	38.1	68.
22.7	60.0	6116.9	458.0	-25.5	-29.8	246.7	68.6*	63.0	27.1	309.7	312.0	0.7	67.0	40.3	68.
23.2	61.0	6228.5	451.0	-26.0	-30.1	246.8	51.5*	47.1	20.3	310.4	312.6	0.7	68.2	42.2	68.
23.5	62.0	6358.0	443.0	-26.5	-29.0	246.3	40.3*	36.1	16.2	311.3	313.9	0.8	79.8	42.9	68.
23.9	63.0	6473.0	436.0	-27.1	-28.8	245.3	34.6*	31.4	14.4	312.1	314.7	0.8	85.1	43.2	68.
24.3	64.0	6589.5	429.0	-28.0	-29.7	244.9	35.2*	31.1	14.9	312.3	314.8	0.7	84.9	44.2	68.
24.7	65.0	6707.4	422.0	-29.0	-30.8	245.0	41.5*	37.4	17.5	312.4	314.7	0.7	85.0	45.0	68.
25.2	66.0	6844.1	414.0	-30.0	-31.8	245.5	57.2*	52.1	23.7	313.0	315.1	0.6	84.2	46.1	68.
25.6	67.0	6965.4	407.0	-30.8	-32.8	245.9	74.3*	67.1	30.4	313.5	315.4	0.6	81.8	47.7	68.
26.1	68.0	7088.3	400.0	-31.9	-34.1	246.0	97.5*	89.1	39.6	313.5	315.2	0.5	80.7	50.1	68.
26.5	69.0	7212.9	393.0	-32.6	-36.6	246.0	114.9*	104.1	46.7	314.2	315.6	0.4	67.0	53.1	68.
26.9	70.0	7321.2	387.0	-33.3	-39.5	245.8	127.4*	116.1	52.1	314.7	315.8	0.3	52.8	55.6	68.
27.5	71.0	7467.8	379.0	-33.9	-42.1	245.0	129.7*	117.1	54.8	315.7	316.6	0.2	42.8	61.3	67.
27.9	72.0	7598.2	372.0	-34.7	-44.1	243.4	112.3**	100.1	50.2	316.3	317.0	0.2	37.3	64.5	67.
28.3	73.0	7711.6	366.0	-35.6	-45.0	241.5	88.1**	77.1	42.1	316.6	317.2	0.2	37.0	66.7	67.
28.7	74.0	7845.7	359.0	-36.4	-45.4	238.8	61.5**	52.1	31.8	317.2	317.9	0.2	38.4	68.5	67.
29.2	75.0	7962.3	353.0	-37.6	-46.4	233.8	33.2**	26.1	19.6	317.1	317.7	0.2	39.1	70.0	67.
29.5	76.0	8080.2	347.0	-38.9	-47.1	227.9	20.7**	15.1	13.9	317.1	317.6	0.2	40.9	70.2	67.
29.9	77.0	8199.7	341.0	-39.9	-48.1	227.7	19.8**	14.1	13.3	317.2	317.7	0.1	40.6	69.5	67.
30.3	78.0	8320.6	335.0	-41.0	99.9	233.2	25.5**	20.1	15.3	317.4	999.9	99.9	999.9	70.7	66.
30.7	79.0	8443.2	329.0	-42.3	99.9	237.8	33.2*	28.1	17.7	317.3	999.9	99.9	999.9	71.3	66.
31.1	80.0	8567.4	323.0	-43.4	99.9	240.4	37.8*	32.1	18.7	317.5	999.9	99.9	999.9	71.5	66.
31.6	81.0	8714.4	316.0	-44.8	99.9	241.3	30.6*	26.1	14.7	317.5	999.9	99.9	999.9	74.2	66.
32.0	82.0	8842.3	310.0	-46.1	99.9	241.2	15.7*	13.7	7.5	317.5	999.9	99.9	999.9	74.4	66.
32.5	83.0	8950.2	305.0	-47.1	99.9	36.1	1.1*	-0.7	-0.9	317.5	999.9	99.9	999.9	74.2	66.
33.0	84.0	9081.4	299.0	-48.4	99.9	21.6	1.9*	-0.7	-1.8	317.5	999.9	99.9	999.9	74.2	66.
33.4	85.0	9192.1	294.0	-49.5	99.9	252.8	12.6*	12.1	3.7	317.4	999.9	99.9	999.9	73.5	66.
33.8	86.0	9349.6	287.0	-50.6	99.9	249.9	31.2*	29.1	10.8	318.1	999.9	99.9	999.9	74.1	66.
34.3	87.0	9463.7	282.0	-52.1	99.9	249.5	55.5*	52.0	19.5	317.5	999.9	99.9	999.9	75.9	66.
34.7	88.0	9602.6	276.0	-53.2	99.9	249.4	74.2*	69.1	26.1	317.9	999.9	99.9	999.9	77.1	66.
35.2	89.0	9720.1	271.0	-54.3	99.9	249.4	97.0**	90.1	34.2	317.9	999.9	99.9	999.9	79.6	66.
35.6	90.0	9839.3	266.0	-55.3	99.9	249.6	112.7**	105.1	39.4	318.2	999.9	99.9	999.9	82.7	66.
36.0	91.0	9960.1	261.0	-56.1	99.9	250.1	122.9**	115.1	41.9	318.8	999.9	99.9	999.9	84.7	66.
36.4	92.0	10083.1	256.0	-56.1	99.9	251.1	114.5**	108.1	37.1	320.5	999.9	99.9	999.9	88.7	67.
36.9	93.0	10208.4	251.0	-56.4	99.9	252.5	91.4**	87.1	27.4	321.9	999.9	99.9	999.9	92.9	67.
37.3	94.0	10310.3	247.0	-56.9	99.9	251.9	85.6**	81.4	26.6	322.6	999.9	99.9	999.9	93.4	67.
37.8	95.0	10439.7	242.0	-57.4	99.9	249.1	105.6**	98.1	37.7	323.7	999.9	99.9	999.9	94.9	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1715 GMT

159 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.3	96.0	10598.3	236.0	-57.6	99.9	247.2	133.3**	122.3	51.7	325.8	999.9	99.9	999.9	99.5	67.
38.8	97.0	10733.5	231.0	-57.6	99.9	246.3	138.4**	126.6	55.7	327.8	999.9	99.9	999.9	104.7	67.
39.3	98.0	10844.0	227.0	-56.9	99.9	245.4	133.6**	121.3	55.6	330.5	999.9	99.9	999.9	108.3	67.
39.7	99.0	10985.6	222.0	-55.4	99.9	245.1	142.3**	129.1	60.0	334.9	999.9	99.9	999.9	110.8	67.
40.1	100.0	11101.6	218.0	-55.1	99.9	245.1	161.8**	146.3	68.1	337.1	999.9	99.9	999.9	113.9	67.
40.6	101.0	11250.1	213.0	-54.3	99.9	245.3	178.4**	162.2	74.5	340.6	999.9	99.9	999.9	119.9	67.
40.9	102.0	11402.3	208.0	-54.3	99.9	245.2	172.7**	156.3	72.5	342.9	999.9	99.9	999.9	125.0	67.
41.3	103.0	11526.9	204.0	-54.1	99.9	244.7	153.7**	139.1	65.8	345.1	999.9	99.9	999.9	127.6	67.
41.7	104.0	11653.8	200.0	-54.3	99.9	243.9	128.9**	115.1	56.6	346.8	999.9	99.9	999.9	130.7	67.
42.2	105.0	11783.1	196.0	-55.1	99.9	242.7	90.8**	80.1	41.6	347.5	999.9	99.9	999.9	135.2	67.
42.5	106.0	11914.9	192.0	-54.8	99.9	241.4	63.7**	55.1	30.5	350.1	999.9	99.9	999.9	136.4	67.
42.9	107.0	12049.4	188.0	-55.3	99.9	236.5	28.0**	23.3	15.5	351.4	999.9	99.9	999.9	137.7	67.
43.5	108.0	12106.9	184.0	-54.6	99.9	224.8	9.4**	6.3	6.7	354.6	999.9	99.9	999.9	136.7	66.
43.8	109.0	12327.8	180.0	-54.0	99.9	241.6	36.1**	31.1	17.2	357.9	999.9	99.9	999.9	136.4	66.
44.3	110.0	12471.9	176.0	-54.3	99.9	245.2	90.9**	82.1	38.1	359.7	999.9	99.9	999.9	137.1	66.
44.9	111.0	12656.3	171.0	-55.3	99.9	246.6	122.6**	112.3	48.7	361.1	999.9	99.9	999.9	145.0	66.
45.4	112.0	12769.0	168.0	-56.1	99.9	246.5	88.8**	81.1	35.4	361.6	999.9	99.9	999.9	147.8	66.
45.9	113.0	12922.1	164.0	-56.4	99.9	243.0	38.0**	33.1	17.3	363.5	999.9	99.9	999.9	149.2	66.
46.4	114.0	13039.3	161.0	-56.4	99.9	125.3	2.7**	-2.1	1.6	365.4	999.9	99.9	999.9	150.6	66.
46.9	115.0	13198.9	157.0	-56.9	99.9	65.4	16.1**	-14.1	-6.7	367.2	999.9	99.9	999.9	147.9	66.
47.4	116.0	13362.1	153.0	-57.6	99.9	57.3	6.9**	-5.1	-3.7	368.8	999.9	99.9	999.9	148.4	66.
47.8	117.0	13487.1	150.0	-57.7	99.9	246.0	8.9**	8.1	3.6	370.6	999.9	99.9	999.9	148.1	66.
48.3	118.0	13614.3	147.0	-58.6	99.9	245.4	29.0**	26.1	12.1	371.3	999.9	99.9	999.9	148.5	66.
48.8	119.0	13787.5	143.0	-59.3	99.9	248.1	46.1**	42.1	17.2	373.1	999.9	99.9	999.9	150.0	66.
49.2	120.0	13920.3	140.0	-59.3	99.9	249.7	61.7**	57.1	21.4	375.3	999.9	99.9	999.9	151.3	66.
49.7	121.0	14056.0	137.0	-59.3	99.9	250.6	87.0**	82.0	28.9	377.7	999.9	99.9	999.9	152.7	66.
50.2	122.0	14194.7	134.0	-59.3	99.9	251.3	104.0**	98.3	33.4	380.1	999.9	99.9	999.9	156.2	66.
50.7	123.0	14336.3	131.0	-60.1	99.9	251.5	94.5**	89.1	29.9	381.0	999.9	99.9	999.9	160.8	67.
51.2	124.0	14481.0	128.0	-59.4	99.9	249.3	77.4**	72.1	27.4	384.8	999.9	99.9	999.9	162.3	67.
51.7	125.0	14629.5	125.0	-59.4	99.9	245.4	83.7**	76.1	34.8	387.4	999.9	99.9	999.9	163.8	67.
52.3	126.0	14833.3	121.0	-58.9	99.9	244.1	107.3**	96.3	46.8	391.9	999.9	99.9	999.9	167.5	67.
52.8	127.0	14990.8	118.0	-59.3	99.9	244.9	102.5**	92.1	43.5	394.1	999.9	99.9	999.9	172.0	67.
53.4	128.0	15152.0	115.0	-59.4	99.9	246.6	71.7**	65.8	28.5	396.7	999.9	99.9	999.9	174.9	66.
53.8	129.0	15261.7	113.0	-60.1	99.9	244.4	57.6**	51.9	24.9	397.4	999.9	99.9	999.9	176.0	67.
54.4	130.0	15429.4	110.0	-60.5	99.9	239.1	53.1**	45.6	27.3	399.8	999.9	99.9	999.9	177.7	66.
54.9	131.0	15601.7	107.0	-60.3	99.9	243.3	55.3**	49.4	24.8	403.3	999.9	99.9	999.9	179.4	66.
55.4	132.0	15778.9	104.0	-60.7	99.9	252.0	55.1**	52.4	17.0	405.9	999.9	99.9	999.9	181.2	66.
55.9	133.0	15961.0	101.0	-60.8	99.9	257.3	52.0**	50.7	11.4	409.0	999.9	99.9	999.9	182.9	67.
56.4	134.0	16085.5	99.0	-60.3	99.9	256.9	49.0**	47.7	11.1	412.4	999.9	99.9	999.9	184.2	67.
56.9	135.0	16212.8	97.0	-60.1	99.9	251.3	47.1**	45.4	12.7	415.1	999.9	99.9	999.9	185.5	67.
57.7	136.0	16476.4	93.0	-58.8	99.9	256.6	20.6**	20.0	4.8	422.9	999.9	99.9	999.9	188.1	67.
58.3	137.0	16682.9	90.0	-57.6	99.9	63.0	20.0**	-17.8	-9.1	429.3	999.9	99.9	999.9	188.1	67.
58.9	138.0	16897.4	87.0	-56.7	99.9	70.4	46.0**	-43.4	-15.5	435.1	999.9	99.9	999.9	186.3	67.
59.5	139.0	17044.4	85.0	-57.9	99.9	78.6	33.2**	-32.5	-6.6	435.7	999.9	99.9	999.9	184.0	67.
60.2	140.0	17270.2	82.0	-59.3	99.9	242.4	51.2**	45.4	23.8	437.4	999.9	99.9	999.9	183.2	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
1715 GMT

159 27. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
60.8	141.0	17503.2	79.0	-60.3	99.9	247.4	124.8**	115.2	47.9	439.9	999.9	99.9	999.9	186.9	67.
61.5	142.0	17663.0	77.0	-60.5	99.9	247.7	130.2**	120.5	49.3	442.8	999.9	99.9	999.9	196.3	67.
62.2	143.0	17910.5	74.0	-60.5	99.9	250.0	60.8**	57.1	20.8	447.8	999.9	99.9	999.9	198.5	67.
62.9	144.0	18081.0	72.0	-61.0	99.9	23.1	12.3**	-4.8	-11.3	450.2	999.9	99.9	999.9	200.3	67.
63.6	145.0	18345.1	69.0	-61.6	99.9	60.0	48.1**	41.6	-24.1	454.6	999.9	99.9	999.9	198.0	67.
64.3	146.0	18527.6	67.0	-61.0	99.9	23.2	3.1**	-1.2	-2.9	459.6	999.9	99.9	999.9	194.9	67.
64.9	147.0	18813.1	64.0	-59.8	99.9	247.9	35.1**	32.5	13.2	468.3	999.9	99.9	999.9	197.1	67.
65.6	148.0	19010.9	62.0	-61.0	99.9	61.4	6.2**	-5.5	-3.0	469.9	999.9	99.9	999.9	199.1	67.
66.3	149.0	19214.6	60.0	-61.0	99.9	65.2	96.7**	-87.8	-40.6	474.3	999.9	99.9	999.9	197.3	67.
67.0	150.0	19532.5	57.0	-62.1	99.9	64.4	107.5**	-96.9	-46.4	478.8	999.9	99.9	999.9	188.6	67.
67.7	151.0	19752.7	55.0	-63.2	99.9	64.3	78.8**	-71.0	-34.1	481.2	999.9	99.9	999.9	187.7	67.
68.4	152.0	19980.1	53.0	-64.0	99.9	65.4	116.0**	-105.5	-48.4	484.6	999.9	99.9	999.9	185.2	67.
69.2	153.0	20215.9	51.0	-63.8	99.9	64.4	56.2**	-50.7	-24.2	490.4	999.9	99.9	999.9	175.9	67.
70.0	154.0	20587.7	48.0	-63.8	99.9	247.8	32.3**	29.9	12.2	499.0	999.9	99.9	999.9	178.7	67.
70.9	155.0	20849.1	46.0	-63.0	99.9	62.8	14.1**	-12.6	-6.5	506.9	999.9	99.9	999.9	180.8	67.
71.7	156.0	21122.8	44.0	-62.9	99.9	63.8	30.5**	-27.4	-13.5	513.8	999.9	99.9	999.9	177.0	67.
72.5	157.0	21409.4	42.0	-62.9	99.9	63.3	27.4**	-24.5	-12.3	520.7	999.9	99.9	999.9	177.7	67.
73.4	158.0	21710.2	40.0	-62.5	99.9	63.8	73.4**	-65.9	-32.4	529.0	999.9	99.9	999.9	174.1	67.
74.3	159.0	22191.7	37.0	-62.1	99.9	52.7	18.4*	14.6	-11.2	541.8	999.9	99.9	999.9	169.8	67.
75.3	160.0	22535.4	35.0	-61.9	99.9	249.9	19.5*	18.4	6.7	551.0	999.9	99.9	999.9	171.2	67.
76.2	161.0	22898.6	33.0	-62.9	99.9	250.0	37.5*	35.1	12.8	557.9	999.9	99.9	999.9	172.8	67.
77.2	162.0	23284.8	31.0	-61.7	99.9	253.3	47.1*	45.1	13.5	570.9	999.9	99.9	999.9	175.4	68.
78.2	163.0	23697.4	29.0	-62.1	99.9	999.9	99.9	99.9	99.9	580.9	999.9	99.9	999.9	999.9	999.
79.6	164.0	24139.3	27.0	-61.9	99.9	999.9	99.9	99.9	99.9	593.4	999.9	99.9	999.9	999.9	999.

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
2015 GMT

155 36. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	180.0	993.6	2.2	-0.5	290.0	3.6	3.4	-1.2	276.3	285.8	3.7	82.0	0.0	0.
0.2	7.0	258.3	984.0	1.1	-0.8	302.5	8.1	6.8	-4.4	276.0	285.4	3.7	87.3	0.2	130.
0.6	8.0	348.7	973.0	0.4	-0.9	302.3	7.9	6.7	-4.2	276.2	285.6	3.7	90.5	0.2	128.
0.9	9.0	448.2	961.0	-0.7	-1.5	301.6	7.4	6.3	-3.9	276.0	285.2	3.6	94.5	0.4	126.
1.3	10.0	548.5	949.0	-1.7	-1.9	299.0	7.1	6.2	-3.5	276.0	285.1	3.5	98.5	0.5	124.
1.8	11.0	666.7	935.0	-2.8	-2.8	296.0	7.0	6.3	-3.1	276.1	284.7	3.3	100.9	0.8	122.
2.3	12.0	760.5	924.0	-3.5	-3.5	294.8	6.8	6.2	-2.9	276.2	284.4	3.2	100.8	1.0	121.
2.7	13.0	855.1	913.0	-4.3	-4.3	296.6	7.5	6.7	-3.4	276.3	284.2	3.0	100.7	1.1	120.
3.1	14.0	959.4	901.0	-4.9	-4.9	299.4	8.9	7.7	-4.3	276.7	284.4	2.9	100.6	1.3	119.
3.4	15.0	1055.9	890.0	-5.7	-5.7	301.1	9.4	8.1	-4.9	276.9	284.3	2.8	100.5	1.5	120.
3.9	16.0	1180.3	876.0	-5.7	-5.7	300.7	9.8	8.5	-5.0	278.2	285.7	2.9	100.5	1.8	120.
4.3	17.0	1279.4	865.0	-6.0	-6.0	299.1	10.7	9.4	-5.2	278.8	286.3	2.8	100.5	2.0	120.
4.7	18.0	1379.7	854.0	-6.6	-6.6	297.4	11.9	10.6	-5.5	279.2	286.5	2.7	100.4	2.3	120.
5.1	19.0	1471.8	844.0	-6.7	-6.7	295.8	12.8	11.5	-5.6	280.0	287.3	2.7	100.4	2.6	119.
5.5	20.0	1574.2	833.0	-7.2	-7.2	294.5	12.8	11.7	-5.3	280.6	287.7	2.7	100.3	2.9	119.
5.1	21.0	1696.7	820.0	-8.1	-8.1	294.8	14.3	13.0	-6.0	280.9	287.7	2.5	100.2	3.4	118.
6.5	22.0	1801.8	809.0	-8.1	-8.1	295.2	12.4	11.2	-5.3	282.0	288.9	2.6	100.2	3.8	118.
6.9	23.0	1908.1	798.0	-8.7	-8.7	292.4	9.5	8.8	-3.6	282.4	289.2	2.5	100.1	4.0	118.
7.3	24.0	2005.9	788.0	-8.9	-9.0	289.8	9.8	9.2	-3.3	283.1	289.8	2.5	99.8	4.2	117.
7.8	25.0	2104.9	778.0	-8.9	-9.1	287.3	12.5	12.2	-2.7	284.2	290.9	2.5	99.8	4.5	117.
8.3	26.0	2235.5	765.0	-8.7	-9.0	275.2	16.0	15.9	-1.5	285.9	292.8	2.5	97.4	4.9	115.
8.7	27.0	2337.6	755.0	-8.8	-12.8	272.6	18.5	18.4	-0.8	286.7	292.0	1.9	72.7	5.3	113.
9.1	28.0	2440.9	745.0	-9.2	-15.6	271.7	20.2	20.2	-0.6	287.3	291.6	1.5	60.0	5.8	111.
9.4	29.0	2545.4	735.0	-9.4	-17.2	271.5	20.8	20.8	-0.5	288.2	292.1	1.3	52.9	6.2	110.
9.9	30.0	2651.2	725.0	-9.7	-18.3	271.1	21.2	21.2	-0.4	289.0	292.6	1.2	49.4	6.7	109.
10.3	31.0	2758.4	715.0	-10.1	-19.7	270.7	21.8	21.8	-0.3	289.6	292.9	1.1	45.1	7.2	107.
10.7	32.0	2866.9	705.0	-10.4	-20.9	270.7	22.9	22.9	-0.3	290.5	293.5	1.0	41.7	7.7	106.
11.1	33.0	2965.7	696.0	-11.5	-21.9	270.9	24.4	24.4	-0.4	290.3	293.1	0.9	41.7	8.2	105.
11.4	34.0	3076.4	686.0	-12.4	-23.8	271.1	25.5	25.4	-0.5	290.5	292.9	0.8	37.8	8.7	104.
11.8	35.0	3188.6	676.0	-12.8	-28.2	271.1	26.1	26.1	-0.5	291.2	292.9	0.6	26.2	9.4	103.
12.3	36.0	3325.0	664.0	-13.4	-31.7	270.8	26.0	26.0	-0.4	292.1	293.3	0.4	19.5	10.1	103.
12.8	37.0	3428.7	655.0	-14.1	-32.3	270.7	25.5	25.5	-0.3	292.4	293.6	0.4	19.6	10.9	102.
13.2	38.0	3533.6	646.0	-14.8	-34.7	271.2	25.3	25.3	-0.5	292.8	293.8	0.3	16.4	11.5	101.
13.7	39.0	3639.6	637.0	-15.8	-36.7	272.0	25.6	25.5	-0.9	292.8	293.7	0.3	14.5	12.2	100.
14.1	40.0	3746.7	628.0	-16.6	-37.4	272.5	25.9	25.9	-1.1	293.1	293.9	0.2	14.5	12.8	100.
14.6	41.0	3879.3	617.0	-17.4	-38.0	272.2	26.3	26.3	-1.0	293.6	294.4	0.2	14.6	13.7	100.
15.1	42.0	3989.3	608.0	-17.8	-40.6	270.7	27.4	27.4	-0.3	294.4	295.0	0.2	11.5	14.3	99.
15.4	43.0	4100.8	599.0	-18.4	-41.0	269.1	28.6	28.6	0.4	295.0	295.6	0.2	11.6	14.9	99.
15.8	44.0	4213.6	590.0	-19.0	-41.5	266.5	30.3	30.2	1.8	295.5	296.1	0.2	11.6	15.6	99.
16.3	45.0	4315.2	582.0	-19.4	-43.1	263.6	32.1	31.9	3.6	296.2	296.7	0.1	10.1	16.5	98.
16.7	46.0	4431.0	573.0	-19.3	-43.1	262.3	33.9	33.6	4.6	297.7	298.2	0.1	10.0	17.3	97.
17.0	47.0	4535.6	565.0	-19.4	-43.1	261.9	35.4	35.1	5.0	298.7	299.2	0.1	10.1	17.7	97.
17.3	48.0	4654.7	556.0	-20.1	-43.6	262.1	37.5	37.1	5.2	299.3	299.8	0.1	10.1	18.4	96.
17.7	49.0	4762.0	548.0	-21.0	-44.3	261.9	39.7	39.3	5.6	299.4	299.9	0.1	10.2	19.4	95.
18.2	50.0	4884.0	539.0	-22.0	-44.9	260.7	41.5	40.9	6.7	299.7	300.1	0.1	10.3	20.6	95.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
2015 GMT

155 36. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	A7 DG
18.6	51.0	5021.6	529.0	-22.6	-45.4	259.0	42.5	41.7	8.1	300.5	300.9	0.1	10.4	21.6	94.
19.0	52.0	5133.3	521.0	-23.2	-45.8	257.0	44.0	42.8	9.9	301.2	301.6	0.1	10.4	22.5	93.
19.4	53.0	5246.6	513.0	-23.2	-45.8	255.3	46.4	44.9	11.8	302.5	302.9	0.1	10.4	23.6	92.
19.9	54.0	5361.7	505.0	-23.3	-42.8	253.4	50.0	47.9	14.3	303.7	304.3	0.2	14.6	24.9	91.
20.3	55.0	5463.8	498.0	-23.8	-41.1	251.7	52.2	49.6	16.4	304.3	305.0	0.2	18.5	26.1	91.
21.0	56.0	5611.7	488.0	-24.6	-39.8	248.6	55.3	51.5	20.2	305.1	305.9	0.2	22.9	28.4	89.
21.4	57.0	5716.7	481.0	-25.3	-35.3	247.8	60.0*	55.6	22.6	305.6	306.9	0.4	38.4	29.4	88.
21.8	58.0	5838.6	473.0	-25.2	-30.5	247.6	65.2*	60.3	24.8	307.2	309.3	0.6	60.9	30.8	87.
22.3	59.0	5962.6	465.0	-25.0	-31.7	247.1	67.2*	61.9	26.2	308.9	310.8	0.6	53.4	33.0	86.
22.7	60.0	6072.7	458.0	-25.7	-32.9	246.1	64.0*	58.5	25.9	309.4	311.1	0.5	50.4	34.7	85.
23.1	61.0	6200.3	450.0	-26.5	-33.4	245.1	59.5*	54.0	25.1	310.0	311.6	0.5	51.8	36.1	84.
23.5	62.0	6313.4	443.0	-27.3	-36.3	245.4	58.3*	53.0	24.3	310.4	311.7	0.4	41.7	36.8	83.
23.9	63.0	6428.0	436.0	-27.8	-35.3	247.2	63.1*	58.2	24.5	311.1	312.6	0.4	48.1	38.4	83.
24.3	64.0	6544.2	429.0	-28.6	-36.6	247.7	65.7*	60.8	25.0	311.5	312.9	0.4	45.7	39.9	82.
24.7	65.0	6661.9	422.0	-29.1	-38.9	246.3	62.9*	57.6	25.2	312.3	313.4	0.3	37.7	41.7	82.
25.2	66.0	6758.8	414.0	-29.1	-41.2	241.5	52.3*	45.9	24.9	314.0	314.9	0.2	29.5	43.7	81.
25.7	67.0	6920.6	407.0	-29.4	-46.5	235.7	43.1*	35.6	24.3	315.2	315.7	0.1	17.1	44.6	80.
26.1	68.0	7044.2	400.0	-30.5	-47.4	234.8	41.7*	34.1	24.1	315.3	315.7	0.1	17.2	45.3	80.
26.5	69.0	7169.5	393.0	-31.4	-46.0	238.2	46.4*	39.4	24.5	315.7	316.2	0.2	22.1	46.1	79.
26.9	70.0	7278.1	387.0	-32.5	-44.2	242.9	58.2*	51.8	26.5	315.7	316.4	0.2	29.6	47.3	79.
27.3	71.0	7425.0	379.0	-33.8	-44.3	246.2	74.4*	68.1	30.0	315.8	316.5	0.2	33.6	48.6	78.
27.8	72.0	7555.4	372.0	-34.9	-44.3	248.3	94.9*	88.2	35.1	316.1	316.8	0.2	37.2	51.2	78.
28.3	73.0	7668.7	366.0	-35.8	-45.0	248.8	106.8*	99.6	38.7	316.4	317.0	0.2	37.6	54.7	77.
28.7	74.0	7783.4	360.0	-37.0	-44.8	248.7	109.1*	101.7	39.7	316.3	317.0	0.2	43.8	57.4	77.
29.2	75.0	7918.9	353.0	-38.0	-46.1	248.2	108.0*	100.3	40.1	316.6	317.2	0.2	41.8	60.5	76.
29.6	76.0	8036.7	347.0	-39.2	-46.3	247.7	105.8*	97.9	40.1	316.5	317.1	0.2	46.4	62.8	76.
30.0	77.0	8155.9	341.0	-40.3	99.9	247.0	99.7*	91.8	38.9	316.7	999.9	99.9	999.9	65.9	76.
30.4	78.0	8276.7	335.0	-41.5	99.9	246.2	85.5*	78.3	34.5	316.7	999.9	99.9	999.9	68.4	75.
30.8	79.0	8398.9	329.0	-42.8	99.9	244.8	71.6*	64.8	30.5	316.6	999.9	99.9	999.9	69.7	75.
31.2	80.0	8522.8	323.0	-43.9	99.9	242.3	60.1*	53.2	27.9	316.8	999.9	99.9	999.9	71.1	75.
31.7	81.0	8669.6	316.0	-45.1	99.9	238.0	49.6*	42.1	26.3	317.0	999.9	99.9	999.9	72.9	75.
32.2	82.0	8757.6	310.0	-45.1	99.9	233.8	40.4*	32.6	23.9	318.8	999.9	99.9	999.9	74.0	74.
32.6	83.0	8906.1	305.0	-45.5	99.9	230.8	33.3*	25.8	21.0	319.7	999.9	99.9	999.9	74.9	74.
33.1	84.0	9038.4	299.0	-46.1	99.9	227.6	26.0*	19.2	17.5	320.7	999.9	99.9	999.9	75.8	74.
33.5	85.0	9150.3	294.0	-47.2	99.9	226.1	22.4*	16.2	15.6	320.6	999.9	99.9	999.9	75.8	73.
34.1	86.0	9309.4	287.0	-48.1	99.9	233.6	25.8*	20.8	15.3	321.6	999.9	99.9	999.9	76.9	73.
34.5	87.0	9425.0	282.0	-49.1	99.9	240.8	35.7*	31.2	17.4	321.8	999.9	99.9	999.9	76.9	73.
34.9	88.0	9565.8	276.0	-50.3	99.9	245.9	56.8*	51.9	23.2	322.1	999.9	99.9	999.9	78.0	73.
35.4	89.0	9684.7	271.0	-51.6	99.9	248.7	81.3*	75.7	29.6	321.8	999.9	99.9	999.9	79.9	73.
35.9	90.0	9805.3	266.0	-52.6	99.9	243.6	87.8**	82.3	30.6	322.2	999.9	99.9	999.9	84.0	73.
36.3	91.0	9927.6	261.0	-53.6	99.9	249.6	82.3**	77.1	28.7	322.3	999.9	99.9	999.9	85.7	73.
36.7	92.0	10051.7	256.0	-54.7	99.9	249.4	78.1**	73.1	27.5	322.5	999.9	99.9	999.9	87.1	73.
37.3	93.0	10177.6	251.0	-55.5	99.9	249.6	85.4**	80.0	29.8	323.2	999.9	99.9	999.9	89.9	72.
37.7	94.0	10279.9	247.0	-56.3	99.9	249.8	97.0**	91.0	33.5	323.4	999.9	99.9	999.9	91.9	72.
38.1	95.0	10409.7	242.0	-56.5	99.9	249.8	109.1**	102.4	37.8	325.1	999.9	99.9	999.9	94.3	72.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
2015 GMT

155 36. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
38.6	96.0	10569.2	236.0	-56.0	99.9	249.6	119.5**	112.0	41.7	328.2	999.9	99.9	999.9	98.3	72.
39.0	97.0	10677.9	232.0	-55.8	99.9	249.5	122.6**	114.8	43.0	330.0	999.9	99.9	999.9	100.6	72.
39.4	98.0	10816.8	227.0	-55.2	99.9	249.2	116.3**	108.6	41.4	333.1	999.9	99.9	999.9	104.4	72.
39.8	99.0	10930.4	223.0	-54.9	99.9	248.8	108.3**	101.0	39.1	335.3	999.9	99.9	999.9	107.3	72.
40.2	100.0	11075.4	218.0	-54.7	99.9	248.8	105.5**	98.3	38.2	337.7	999.9	99.9	999.9	109.1	72.
40.8	101.0	11224.1	213.0	-54.1	99.9	249.0	113.2**	105.7	40.6	340.9	999.9	99.9	999.9	112.9	72.
41.2	102.0	11345.7	209.0	-54.1	99.9	248.8	116.4**	108.5	42.1	342.8	999.9	99.9	999.9	116.1	72.
41.7	103.0	11469.7	205.0	-54.1	99.9	247.8	109.6**	101.5	41.4	344.7	999.9	99.9	999.9	119.4	72.
42.2	104.0	11628.1	200.0	-54.3	99.9	246.5	92.2**	84.6	36.7	346.9	999.9	99.9	999.9	122.8	72.
42.7	105.0	11725.0	197.0	-54.3	99.9	245.3	73.0**	66.4	30.5	348.4	999.9	99.9	999.9	125.3	71.
43.1	106.0	11856.4	193.0	-54.7	99.9	244.8	66.3**	60.0	28.2	349.7	999.9	99.9	999.9	126.4	71.
43.6	107.0	11990.3	189.0	-54.9	99.9	245.6	80.7**	73.5	33.3	351.5	999.9	99.9	999.9	127.8	71.
44.0	108.0	12127.0	185.0	-55.0	99.9	245.2	102.2**	93.5	41.2	353.4	999.9	99.9	999.9	129.1	71.
44.4	109.0	12266.7	181.0	-54.9	99.9	245.6	108.7**	99.0	44.9	355.9	999.9	99.9	999.9	134.1	71.
44.9	110.0	12409.5	177.0	-55.0	99.9	243.4	93.3**	83.4	41.8	357.9	999.9	99.9	999.9	136.5	71.
45.4	111.0	12555.2	173.0	-56.0	99.9	238.1	58.1**	49.4	30.7	358.7	999.9	99.9	999.9	140.0	71.
45.8	112.0	12703.8	169.0	-56.7	99.9	222.1	22.1**	14.8	16.4	360.0	999.9	99.9	999.9	140.3	71.
46.3	113.0	12855.3	165.0	-57.8	99.9	84.3	23.4**	-23.3	-2.3	360.5	999.9	99.9	999.9	140.8	70.
46.8	114.0	12971.0	162.0	-58.0	99.9	74.1	30.3**	-29.2	-8.3	362.2	999.9	99.9	999.9	137.8	70.
47.2	115.0	13088.8	159.0	-58.1	99.9	134.3	2.4**	-1.7	1.7	363.8	999.9	99.9	999.9	136.1	71.
47.8	116.0	13289.7	154.0	-58.8	99.9	246.0	68.1**	62.2	27.7	366.0	999.9	99.9	999.9	138.0	70.
48.2	117.0	13413.1	151.0	-59.1	99.9	247.1	92.5**	85.2	36.0	367.5	999.9	99.9	999.9	140.9	70.
48.8	118.0	13539.2	148.0	-58.1	99.9	248.5	82.0**	76.3	30.1	371.4	999.9	99.9	999.9	145.4	70.
49.2	119.0	13711.9	144.0	-57.8	99.9	248.3	63.8**	59.3	23.6	374.9	999.9	99.9	999.9	146.6	70.
49.7	120.0	13844.7	141.0	-57.8	99.9	246.3	48.1**	44.0	19.3	377.1	999.9	99.9	999.9	148.1	70.
50.2	121.0	13980.3	138.0	-57.8	99.9	246.6	42.6**	39.1	16.9	379.4	999.9	99.9	999.9	149.3	70.
50.8	122.0	14118.9	135.0	-58.1	99.9	251.7	41.9**	39.8	13.1	381.2	999.9	99.9	999.9	150.8	70.
51.3	123.0	14260.3	132.0	-58.3	99.9	255.0	42.3**	40.9	10.9	383.4	999.9	99.9	999.9	152.0	70.
51.8	124.0	14404.8	129.0	-58.8	99.9	256.6	41.3**	40.2	9.6	385.0	999.9	99.9	999.9	153.4	70.
52.4	125.0	14552.5	126.0	-59.0	99.9	258.5	40.2**	30.4	8.0	387.3	999.9	99.9	999.9	154.8	70.
53.1	126.0	14704.1	123.0	-57.8	99.9	259.7	46.0**	45.1	9.0	392.1	999.9	99.9	999.9	156.3	70.
53.6	127.0	14860.0	120.0	-57.5	99.9	256.2	53.6**	52.5	12.8	395.5	999.9	99.9	999.9	157.8	71.
54.0	128.0	15020.0	117.0	-57.1	99.9	255.1	58.4**	56.1	15.1	399.0	999.9	99.9	999.9	159.3	71.
54.4	129.0	15184.3	114.0	-57.3	99.9	256.8	58.9**	57.4	13.4	401.7	999.9	99.9	999.9	160.8	71.
54.8	130.0	15352.5	111.0	-58.3	99.9	256.3	57.1**	55.1	13.5	402.9	999.9	99.9	999.9	162.2	71.
55.4	131.0	15524.9	108.0	-58.5	99.9	249.2	53.4**	49.1	18.9	405.7	999.9	99.9	999.9	164.1	71.
55.8	132.0	15701.8	105.0	-59.1	99.9	246.7	51.6**	47.1	20.4	407.7	999.9	99.9	999.9	165.4	71.
56.3	133.0	15822.2	103.0	-59.7	99.9	249.8	49.1**	46.1	17.0	409.0	999.9	99.9	999.9	166.9	71.
56.8	134.0	16006.9	100.0	-59.8	99.9	251.8	46.4**	44.1	14.5	412.1	999.9	99.9	999.9	168.4	71.
57.3	135.0	16132.9	98.0	-60.9	99.9	249.1	43.3**	40.7	16.1	412.5	999.9	99.9	999.9	169.7	71.
58.2	136.0	16391.7	94.0	-61.4	99.9	262.6	37.2**	36.1	4.8	416.4	999.9	99.9	999.9	171.9	71.
59.0	137.0	16525.2	92.0	-60.9	99.9	280.5	40.0**	39.4	-7.3	420.0	999.9	99.9	999.9	173.3	71.
59.8	138.0	16732.2	89.0	-59.1	99.9	250.3	39.4**	37.1	13.3	427.5	999.9	99.9	999.9	175.3	71.
60.6	139.0	16947.5	86.0	-58.3	99.9	248.5	40.4**	37.5	14.8	433.4	999.9	99.9	999.9	177.2	71.
61.4	140.0	17170.9	83.0	-58.5	99.9	258.0	38.4**	37.4	8.0	437.5	999.9	99.9	999.9	179.2	71.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
2015 GMT

155 36. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	H COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
62.2	141.0	17324.3	81.0	-58.3	99.9	257.1	40.2**	39.2	9.0	440.9	999.9	99.9	999.9	180.8	71.
62.9	142.0	17562.8	78.0	-56.7	99.9	256.3	43.2**	42.0	10.2	449.1	999.9	99.9	999.9	182.8	71.
63.6	143.0	17727.2	76.0	-57.3	99.9	250.7	44.8**	42.3	14.8	451.1	999.9	99.9	999.9	184.4	71.
64.3	144.0	17981.4	73.0	-58.1	99.9	250.8	46.1**	43.5	15.2	454.5	999.9	99.9	999.9	186.5	71.
65.0	145.0	18155.9	71.0	-59.1	99.9	251.6	48.1**	45.7	15.2	456.0	999.9	99.9	999.9	188.2	71.
65.7	146.0	18426.1	68.0	-59.8	99.9	246.9	49.7**	45.8	19.5	460.2	999.9	99.9	999.9	190.6	71.
66.4	147.0	18612.0	66.0	-61.2	99.9	248.4	50.5**	47.0	18.6	461.1	999.9	99.9	999.9	192.5	71.
67.1	148.0	18900.4	63.0	-61.8	99.9	254.9	48.9**	47.2	12.7	466.1	999.9	99.9	999.9	194.8	71.
67.8	149.0	19100.0	61.0	-62.1	99.9	251.7	44.9**	42.6	14.1	469.6	999.9	99.9	999.9	196.7	71.
68.6	150.0	19305.8	59.0	-62.7	99.9	249.4	48.2**	45.1	16.9	472.9	999.9	99.9	999.9	198.7	71.
69.4	151.0	19627.8	56.0	-62.3	99.9	250.8	50.9**	48.1	16.7	480.8	999.9	99.9	999.9	201.3	71.
70.1	152.0	19852.2	54.0	-62.7	99.9	249.7	47.9**	44.9	16.6	485.0	999.9	99.9	999.9	203.4	71.
70.9	153.0	20084.3	52.0	-63.8	99.9	262.2	15.9**	15.8	2.2	487.7	999.9	99.9	999.9	205.6	71.
71.6	154.0	20448.9	49.0	-63.6	99.9	65.2	53.3**	-48.4	-22.3	496.5	999.9	99.9	999.9	206.6	71.
72.4	155.0	20704.8	47.0	-63.4	99.9	68.3	88.9**	-82.6	-32.9	502.9	999.9	99.9	999.9	201.5	71.
73.2	156.0	20971.9	45.0	-63.6	99.9	69.7	136.8**	-128.3	-47.4	508.8	999.9	99.9	999.9	196.6	71.
74.1	157.0	21250.9	43.0	-63.6	99.9	67.8	92.6**	-85.7	-35.0	515.4	999.9	99.9	999.9	183.9	71.
75.0	158.0	21694.7	40.0	-63.8	99.9	264.6	48.0**	47.1	4.5	525.7	999.9	99.9	999.9	187.2	71.
76.3	159.0	22012.5	38.0	-59.5	99.9	999.9	99.9	99.9	99.9	544.4	999.9	99.9	999.9	999.9	999.
77.3	160.0	22351.9	36.0	-58.1	99.9	999.9	99.9	99.9	99.9	556.4	999.9	99.9	999.9	999.9	999.

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
2315 GMT

166 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	5.9	180.0	996.0	0.5	-3.2	290.0	5.2	4.9	-1.8	274.4	282.3	3.0	76.0	0.0	0.
0.1	6.0	196.1	994.0	0.5	-2.8	306.6	11.1	8.9	-6.6	274.5	282.6	3.1	78.1	0.2	121.
0.4	7.0	285.3	983.0	-0.5	-3.5	306.6	11.1	8.9	-6.6	274.4	282.2	3.0	79.7	0.2	121.
0.7	8.0	383.5	971.0	-1.3	-3.1	306.6	10.8	8.7	-6.4	274.6	282.7	3.1	87.4	0.3	124.
1.0	9.0	474.2	960.0	-2.2	-3.6	306.5	10.3	8.3	-6.1	274.5	282.4	3.1	90.4	0.5	125.
1.4	10.0	557.4	950.0	-3.0	-3.9	306.3	10.5	8.4	-6.2	274.5	282.3	3.0	93.7	0.7	125.
1.8	11.0	674.8	936.0	-4.1	-4.8	306.1	10.2	8.2	-6.0	274.6	282.0	2.9	94.8	1.0	126.
2.2	12.0	768.0	925.0	-5.2	-5.4	305.9	9.6	7.8	-5.6	274.4	281.6	2.8	98.4	1.2	126.
2.5	13.0	853.3	915.0	-5.9	-5.9	305.7	9.0	7.3	-5.3	274.5	281.4	2.7	101.6	1.4	126.
2.8	14.0	948.0	904.0	-6.5	-6.5	305.5	9.2	7.5	-5.3	274.8	281.5	2.6	101.5	1.5	126.
3.2	15.0	1043.8	893.0	-6.7	-6.7	306.1	9.4	7.6	-5.5	275.6	282.4	2.6	101.5	1.8	126.
3.6	16.0	1158.3	880.0	-7.3	-7.3	308.1	9.6	7.6	-5.9	276.1	282.7	2.5	101.4	2.0	126.
3.9	17.0	1247.3	870.0	-7.9	-7.9	310.3	10.1	7.7	-6.5	276.4	282.8	2.4	101.3	2.2	126.
4.2	18.0	1346.3	859.0	-8.0	-8.0	312.6	10.5	7.8	-7.1	277.2	283.7	2.4	101.3	2.4	126.
4.6	19.0	1446.6	848.0	-7.7	-7.7	315.1	11.1	7.8	-7.8	278.6	285.3	2.5	101.3	2.6	127.
4.9	20.0	1539.0	838.0	-7.7	-9.1	315.6	11.4	8.0	-8.1	279.5	285.6	2.3	89.4	2.8	128.
5.3	21.0	1660.6	825.0	-8.2	-10.1	314.2	11.6	8.3	-8.1	280.2	286.0	2.1	85.6	3.1	129.
5.7	22.0	1755.2	815.0	-8.9	-11.0	312.0	11.2	8.3	-7.5	280.4	285.9	2.0	84.8	3.4	129.
6.1	23.0	1850.8	805.0	-9.5	-11.3	309.4	10.3	8.0	-6.5	280.8	286.2	2.0	86.3	3.6	129.
6.5	24.0	1947.4	795.0	-9.8	-11.4	307.0	10.1	8.1	-6.1	281.5	287.0	2.0	87.8	3.8	129.
6.9	25.0	2045.1	785.0	-10.3	-12.2	307.1	11.7	9.3	-7.0	281.9	287.1	1.9	86.3	4.1	129.
7.4	26.0	2174.0	772.0	-9.6	-12.2	307.7	12.1	9.6	-7.4	284.0	289.4	1.9	81.2	4.5	129.
7.8	27.0	2274.9	762.0	-8.9	-13.6	308.1	12.3	9.7	-7.6	285.8	290.6	1.8	68.5	4.8	129.
8.2	28.0	2367.0	753.0	-8.6	-14.6	308.0	12.6	9.9	-7.7	287.1	291.7	1.6	61.6	5.1	129.
8.5	29.0	2470.7	743.0	-8.6	-16.1	307.6	12.8	10.1	-7.8	288.2	292.4	1.5	54.4	5.3	129.
8.8	30.0	2565.1	734.0	-9.2	-18.1	306.5	13.0	10.5	-7.7	288.5	292.2	1.3	48.2	5.5	129.
9.3	31.0	2671.1	724.0	-9.9	-20.0	303.5	13.7	11.4	-7.6	288.8	292.0	1.1	43.4	5.9	129.
9.6	32.0	2767.5	715.0	-10.6	-20.8	301.2	14.3	12.2	-7.4	289.1	292.1	1.0	42.9	6.2	128.
10.1	33.0	2875.7	705.0	-11.2	-22.5	297.2	15.4	13.7	-7.1	289.6	292.2	0.9	38.6	6.6	128.
10.4	34.0	2974.2	696.0	-11.8	-24.5	295.2	15.9	14.4	-6.8	290.0	292.3	0.7	33.7	6.9	127.
10.8	35.0	3073.8	687.0	-12.3	-26.7	292.6	16.4	15.2	-6.3	290.4	292.3	0.6	28.8	7.3	126.
11.3	36.0	3197.0	676.0	-13.0	-28.8	289.4	17.2	16.2	-5.7	291.0	292.4	0.5	25.1	7.8	126.
11.7	37.0	3299.0	667.0	-13.8	-29.4	287.2	17.9	17.1	-5.3	291.3	292.8	0.5	25.1	8.2	125.
12.2	38.0	3402.1	658.0	-14.3	-30.1	285.6	18.7	18.0	-5.0	291.8	293.3	0.5	24.7	8.7	123.
12.5	39.0	3506.5	649.0	-14.9	-31.6	285.2	19.1	18.4	-5.0	292.3	293.6	0.4	22.3	9.0	123.
12.9	40.0	3612.0	640.0	-15.7	-34.6	285.8	19.5	18.8	-5.3	292.5	293.5	0.3	17.9	9.5	122.
13.4	41.0	3742.6	629.0	-16.2	-36.1	286.4	19.8	19.0	-5.6	293.3	294.2	0.3	16.0	10.0	121.
13.9	42.0	3850.9	620.0	-17.1	-36.8	285.1	19.9	19.1	-5.2	293.6	294.4	0.3	16.1	10.6	120.
14.3	43.0	3948.2	612.0	-17.8	-36.5	282.1	19.9	19.1	-4.2	293.9	294.3	0.3	17.6	11.1	120.
14.7	44.0	4058.9	603.0	-18.4	-36.7	278.6	20.2	19.1	-3.0	294.4	295.2	0.3	18.1	11.5	119.
15.2	45.0	4158.4	595.0	-19.1	-37.5	275.2	20.9	20.3	-1.9	294.7	295.5	0.2	17.7	12.1	118.
15.6	46.0	4259.0	587.0	-19.6	-40.0	274.1	21.9	21.8	-1.6	295.2	295.9	0.2	14.3	12.6	117.
16.0	47.0	4360.8	579.0	-20.3	-41.6	273.9	23.1	23.1	-1.6	295.6	296.1	0.2	12.8	13.0	116.
16.4	48.0	4463.7	571.0	-20.9	-42.4	274.4	24.5	24.1	-1.9	296.1	296.7	0.2	12.3	13.6	115.
16.8	49.0	4581.0	562.0	-21.5	-43.7	274.4	25.4	25.1	-1.9	296.7	297.2	0.1	11.4	14.2	114.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
2315 GMT

166 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.2	50.0	4673.2	555.0	-22.5	-44.8	273.7	25.8	25.8	-1.7	296.6	297.1	0.1	10.9	14.8	113.
17.7	51.0	4806.5	545.0	-23.5	-45.6	272.3	26.1	26.1	-1.0	296.9	297.3	0.1	11.0	15.5	112.
18.2	52.0	4914.4	537.0	-24.3	-46.6	271.0	26.6	26.1	-0.5	297.2	297.6	0.1	10.5	16.2	111.
18.6	53.0	5023.5	529.0	-25.6	-47.6	270.0	26.9	26.1	0.0	296.9	297.3	0.1	10.7	16.9	110.
18.9	54.0	5133.8	521.0	-26.5	-47.8	268.9	26.7	26.7	0.5	297.1	297.5	0.1	11.3	17.3	110.
19.3	55.0	5231.4	514.0	-27.5	-47.3	267.3	26.3	26.7	1.2	297.2	297.5	0.1	13.0	17.9	109.
19.9	56.0	5372.4	504.0	-28.6	-47.6	264.5	26.2	26.1	2.5	297.4	297.8	0.1	14.1	18.8	108.
20.3	57.0	5472.4	497.0	-29.6	-48.3	262.5	27.5	27.3	3.6	297.5	297.8	0.1	14.2	19.3	107.
20.7	58.0	5573.4	490.0	-30.5	-49.3	260.6	29.9	29.1	4.8	297.6	297.9	0.1	13.8	19.9	107.
21.2	59.0	5690.3	482.0	-30.9	-49.0	259.4	33.9	33.8	6.2	298.5	298.8	0.1	14.8	20.7	105.
21.6	60.0	5794.1	475.0	-31.0	-49.1	258.4	36.8	36.1	7.4	299.6	299.9	0.1	14.8	21.5	104.
22.0	61.0	5899.4	468.0	-31.4	-49.1	256.9	38.9	37.9	8.8	300.4	300.7	0.1	15.4	22.4	103.
22.4	62.0	6006.0	461.0	-31.9	-49.2	255.2	40.8	39.5	10.4	301.0	301.3	0.1	15.9	23.2	102.
22.8	63.0	6114.0	454.0	-32.2	-49.4	254.3	43.9	42.2	11.9	302.0	302.3	0.1	15.9	24.1	101.
23.3	64.0	6239.4	446.0	-32.6	-49.8	254.0	48.8	46.4	13.5	303.0	303.4	0.1	16.0	25.3	100.
23.7	65.0	6334.9	440.0	-32.3	-49.5	253.6	52.6	50.1	14.8	304.5	304.9	0.1	15.9	26.4	98.
24.2	66.0	6480.9	431.0	-31.9	-50.1	252.3	55.9	53.1	17.0	306.8	307.2	0.1	14.4	28.0	97.
24.7	67.0	6596.6	424.0	-31.8	-50.0	250.4	58.9	55.1	19.7	308.5	308.8	0.1	14.4	29.5	96.
25.0	68.0	6697.3	418.0	-31.9	-50.1	249.4	61.1	57.1	21.6	309.5	309.9	0.1	14.4	30.5	95.
25.5	69.0	6816.8	411.0	-31.6	-49.9	248.3	66.2	61.1	24.5	311.4	311.7	0.1	14.4	31.9	93.
25.9	70.0	6938.2	404.0	-32.0	-50.2	247.9	68.5	63.4	25.8	312.4	312.7	0.1	14.4	33.9	92.
26.5	71.0	7079.3	396.0	-32.6	-50.6	248.9	72.4*	67.1	26.1	313.5	313.8	0.1	14.5	35.9	90.
26.9	72.0	7186.7	390.0	-33.2	-51.1	250.6	77.4*	73.1	25.8	314.0	314.3	0.1	14.5	37.3	89.
27.4	73.0	7295.6	384.0	-33.7	-51.5	250.8	79.8*	75.1	26.2	314.7	315.0	0.1	14.6	40.3	88.
27.9	74.0	7405.8	378.0	-34.5	-52.1	249.1	76.8*	71.1	27.4	315.1	315.4	0.1	14.7	42.5	87.
28.4	75.0	7536.3	371.0	-35.2	-52.6	248.1	77.3*	71.1	28.9	315.9	316.2	0.1	14.7	44.2	86.
28.8	76.0	7649.9	365.0	-35.6	-52.9	248.0	79.8*	74.1	29.9	316.9	317.1	0.1	14.8	45.9	86.
29.3	77.0	7765.0	359.0	-36.6	-53.8	246.9	76.9*	70.1	30.2	317.0	317.2	0.1	14.9	48.9	85.
29.7	78.0	7881.7	353.0	-36.6	-53.8	244.4	68.1*	61.1	29.4	318.5	318.7	0.1	14.9	50.7	84.
30.2	79.0	8000.3	347.0	-37.4	-54.4	240.7	55.9*	48.1	27.4	319.0	319.2	0.1	14.9	52.0	83.
30.6	80.0	8120.4	341.0	-38.5	-55.2	240.0	52.2*	45.1	26.1	319.1	319.3	0.1	15.0	53.3	83.
31.1	81.0	8262.7	334.0	-39.7	-56.2	244.0	62.1*	55.1	27.2	319.4	319.6	0.1	15.2	54.0	82.
31.6	82.0	8365.6	329.0	-40.6	99.9	248.3	84.7*	78.7	31.3	319.6	999.9	99.9	999.9	56.2	82.
32.0	83.0	8490.6	323.0	-41.7	99.9	250.5	105.9*	99.9	35.3	319.7	999.9	99.9	999.9	58.6	81.
32.5	84.0	8596.1	318.0	-42.8	99.9	252.3	127.1*	121.0	38.7	319.7	999.9	99.9	999.9	61.6	81.
32.9	85.0	8702.8	313.0	-43.9	99.9	252.7	131.2*	125.2	39.0	319.6	999.9	99.9	999.9	65.7	80.
33.5	86.0	8876.3	305.0	-44.9	99.9	252.0	119.1*	113.2	36.8	320.6	999.9	99.9	999.9	70.6	80.
34.0	87.0	8986.5	300.0	-46.0	99.9	249.8	96.4*	90.4	33.3	320.5	999.9	99.9	999.9	73.5	79.
34.4	88.0	9098.1	295.0	-47.0	99.9	247.6	75.7*	70.0	28.9	320.7	999.9	99.9	999.9	76.0	79.
34.9	89.0	9211.1	290.0	-48.0	99.9	245.3	53.0*	48.2	22.2	320.8	999.9	99.9	999.9	77.4	79.
35.4	90.0	9348.7	284.0	-49.0	99.9	244.9	39.2*	35.5	16.6	321.3	999.9	99.9	999.9	78.5	78.
35.9	91.0	9465.1	279.0	-49.7	99.9	244.6	31.1*	28.1	13.3	321.9	999.9	99.9	999.9	79.5	78.
36.3	92.0	9583.2	274.0	-50.5	99.9	243.2	25.7*	22.9	11.6	322.5	999.9	99.9	999.9	80.4	78.
36.8	93.0	9703.3	269.0	-50.8	99.9	242.4	23.5*	20.9	10.9	323.7	999.9	99.9	999.9	80.7	78.
37.2	94.0	9800.8	265.0	-51.1	99.9	244.6	29.1*	26.3	12.5	324.7	999.9	99.9	999.9	81.0	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
2315 GMT

166 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
37.7	95.0	9924.7	260.0	-51.1	99.9	248.0	44.7*	41.4	16.7	326.5	999.9	99.9	999.9	82.1	78.
38.2	96.0	10076.6	254.0	-51.1	99.9	250.3	63.8**	60.1	21.6	328.7	999.9	99.9	999.9	83.6	78.
38.7	97.0	10205.7	249.0	-51.7	99.9	251.4	78.7**	74.6	25.1	329.6	999.9	99.9	999.9	85.9	77.
39.2	98.0	10310.8	245.0	-51.7	99.9	251.3	81.8**	77.5	26.3	331.2	999.9	99.9	999.9	88.7	77.
39.6	99.0	10444.4	240.0	-52.0	99.9	250.6	76.6**	72.2	25.5	332.7	999.9	99.9	999.9	91.2	77.
40.0	100.0	10580.6	235.0	-52.7	99.9	249.9	70.2**	65.9	24.1	333.5	999.9	99.9	999.9	92.4	77.
40.5	101.0	10719.4	230.0	-52.9	99.9	250.5	75.7**	71.4	25.3	335.4	999.9	99.9	999.9	93.5	77.
41.0	102.0	10832.4	226.0	-53.5	99.9	251.5	91.0**	86.3	28.9	336.1	999.9	99.9	999.9	97.4	77.
41.5	103.0	10976.2	221.0	-54.1	99.9	252.3	103.4**	98.5	31.5	337.3	999.9	99.9	999.9	98.6	77.
42.0	104.0	11093.4	217.0	-54.0	99.9	252.8	106.2**	101.5	31.5	339.3	999.9	99.9	999.9	104.3	76.
42.5	105.0	11213.0	213.0	-53.5	99.9	253.0	105.1**	100.5	30.7	341.9	999.9	99.9	999.9	105.3	76.
43.1	106.0	11335.0	209.0	-53.5	99.9	253.0	102.1**	97.6	29.9	343.7	999.9	99.9	999.9	110.2	76.
43.6	107.0	11459.3	205.0	-53.7	99.9	252.3	92.4**	88.0	28.1	345.4	999.9	99.9	999.9	113.1	76.
44.1	108.0	11586.0	201.0	-53.5	99.9	251.5	80.8**	76.6	25.7	347.6	999.9	99.9	999.9	115.8	76.
44.6	109.0	11715.6	197.0	-52.4	99.9	252.3	79.7**	75.9	24.2	351.3	999.9	99.9	999.9	117.4	76.
45.1	110.0	11848.2	193.0	-52.7	99.9	253.7	90.5**	86.9	25.3	352.9	999.9	99.9	999.9	120.2	76.
45.6	111.0	12017.5	188.0	-53.0	99.9	253.6	93.1**	94.1	27.7	355.0	999.9	99.9	999.9	122.5	76.
46.1	112.0	12156.0	184.0	-53.7	99.9	251.4	86.5**	82.0	27.6	356.2	999.9	99.9	999.9	127.2	76.
46.6	113.0	12297.1	180.0	-54.3	99.9	246.7	63.6**	58.4	25.1	357.4	999.9	99.9	999.9	128.5	76.
47.0	114.0	12404.8	177.0	-54.4	99.9	242.5	50.0**	44.3	23.1	358.9	999.9	99.9	999.9	129.6	75.
47.5	115.0	12551.0	173.0	-55.1	99.9	241.5	44.5**	39.1	21.2	360.2	999.9	99.9	999.9	131.0	75.
48.2	116.0	12738.0	168.0	-55.9	99.9	244.4	42.6**	38.1	18.4	361.9	999.9	99.9	999.9	132.7	75.
48.8	117.0	12852.5	165.0	-56.7	99.9	249.9	45.0**	42.1	15.4	362.5	999.9	99.9	999.9	134.1	75.
49.3	118.0	13047.4	160.0	-57.1	99.9	253.3	45.6**	43.1	13.1	364.8	999.9	99.9	999.9	135.6	75.
49.8	119.0	13207.6	156.0	-57.3	99.9	253.6	38.1**	36.1	10.8	367.2	999.9	99.9	999.9	137.1	75.
50.3	120.0	13330.3	153.0	-57.5	99.9	250.5	25.3**	23.1	8.4	369.0	999.9	99.9	999.9	138.4	75.
50.8	121.0	13455.3	150.0	-57.6	99.9	246.8	18.7**	17.2	7.4	370.8	999.9	99.9	999.9	138.3	75.
51.3	122.0	13625.9	146.0	-57.8	99.9	247.0	18.9**	17.1	7.4	373.4	999.9	99.9	999.9	138.8	75.
51.8	123.0	13756.8	143.0	-58.0	99.9	245.8	16.7**	15.3	6.9	375.3	999.9	99.9	999.9	140.1	75.
52.3	124.0	13890.4	140.0	-58.1	99.9	245.2	15.7**	14.1	6.6	377.3	999.9	99.9	999.9	139.9	75.
52.9	125.0	14026.8	137.0	-58.3	99.9	251.6	26.3**	24.1	8.3	379.4	999.9	99.9	999.9	140.3	75.
53.5	126.0	14213.1	133.0	-58.6	99.9	254.1	37.7**	36.1	10.3	382.0	999.9	99.9	999.9	141.9	75.
54.1	127.0	14356.3	130.0	-59.0	99.9	253.2	38.0**	36.1	11.0	383.9	999.9	99.9	999.9	143.3	75.
54.7	128.0	14502.7	127.0	-59.3	99.9	253.8	36.9**	35.1	10.3	385.8	999.9	99.9	999.9	144.6	75.
55.3	129.0	14652.3	124.0	-59.5	99.9	257.7	35.6**	34.1	7.6	388.2	999.9	99.9	999.9	145.9	75.
55.9	130.0	14805.7	121.0	-59.3	99.9	261.1	32.9**	32.1	5.1	391.2	999.9	99.9	999.9	147.2	75.
56.8	131.0	14963.6	118.0	-57.5	99.9	259.3	30.3**	29.1	5.6	397.4	999.9	99.9	999.9	148.8	75.
57.5	132.0	15126.5	115.0	-57.0	99.9	260.6	30.7**	30.1	5.0	401.3	999.9	99.9	999.9	150.2	75.
58.2	133.0	15237.4	113.0	-57.6	99.9	263.5	35.8**	35.6	4.0	402.1	999.9	99.9	999.9	151.3	75.
58.8	134.0	15407.5	110.0	-57.0	99.9	256.8	40.2**	39.2	9.2	406.4	999.9	99.9	999.9	152.8	75.
59.3	135.0	15582.2	107.0	-58.0	99.9	249.4	42.5**	39.7	15.0	407.8	999.9	99.9	999.9	154.1	75.
60.1	136.0	15761.1	104.0	-58.8	99.9	252.4	46.3**	44.1	14.0	409.5	999.9	99.9	999.9	156.0	75.
60.7	137.0	16006.9	100.0	-59.7	99.9	260.6	49.0**	48.1	8.0	412.5	999.9	99.9	999.9	157.9	75.
61.3	138.0	16157.0	97.0	-60.3	99.9	257.3	45.9**	44.1	10.1	414.8	999.9	99.9	999.9	159.7	75.
61.9	139.0	16392.5	94.0	-61.0	99.9	246.7	40.7**	37.4	16.1	417.1	999.9	99.9	999.9	161.4	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 FEBRUARY 1975  
2315 GMT

166 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
62.6	140.0	15525.9	92.0	-61.7	99.9	249.5	29.2**	36.7	13.7	418.3	999.9	99.9	999.9	162.7	75.
63.3	141.0	16730.7	89.0	-62.8	99.9	259.7	44.2**	43.5	7.9	420.1	999.9	99.9	999.9	164.5	75.
63.9	142.0	16941.6	86.0	-63.6	99.9	261.5	46.2**	45.7	6.8	422.8	999.9	99.9	999.9	166.2	75.
64.6	143.0	17159.0	83.0	-64.7	99.9	259.8	42.6**	41.9	7.5	424.8	999.9	99.9	999.9	168.2	75.
65.4	144.0	17384.3	80.0	-63.7	99.9	268.2	38.2**	39.2	1.2	431.2	999.9	99.9	999.9	170.1	75.
66.2	145.0	17540.0	78.0	-62.6	99.9	274.1	40.2**	40.2	-2.9	436.7	999.9	99.9	999.9	171.7	75.
66.9	146.0	17782.3	75.0	-61.7	99.9	266.4	41.2**	41.2	2.6	443.5	999.9	99.9	999.9	173.5	76.
67.7	147.0	17950.7	73.0	-59.3	99.9	264.0	47.2**	46.9	4.9	452.1	999.9	99.9	999.9	175.3	76.
68.3	148.0	18213.1	70.0	-60.0	99.9	264.3	53.0**	52.8	5.2	456.1	999.9	99.9	999.9	177.2	76.
68.8	149.0	18393.6	68.0	-61.2	99.9	261.5	53.1**	52.5	7.9	457.2	999.9	99.9	999.9	178.9	76.
69.5	150.0	18673.6	65.0	-61.4	99.9	254.1	46.7**	44.9	12.8	462.8	999.9	99.9	999.9	181.3	76.
70.3	151.0	18867.4	63.0	-61.4	99.9	252.9	42.5**	40.4	12.5	466.9	999.9	99.9	999.9	183.0	76.
71.9	153.0	19376.3	58.0	-64.7	99.9	259.1	24.7**	23.9	4.6	470.7	999.9	99.9	999.9	187.3	76.
72.7	154.0	19700.4	55.0	-65.1	99.9	63.1	15.7**	-13.9	-7.0	477.0	999.9	99.9	999.9	187.6	76.
73.7	155.0	19927.4	53.0	-62.6	99.9	260.9	13.2**	13.0	2.1	487.7	999.9	99.9	999.9	186.4	76.
74.7	156.0	20164.3	51.0	-63.2	99.9	75.9	5.6**	-5.4	-1.4	491.8	999.9	99.9	999.9	188.5	76.
75.7	157.0	20537.2	48.0	-63.2	99.9	74.6	38.5**	-37.1	-10.2	500.4	999.9	99.9	999.9	184.8	76.
76.7	158.0	20798.9	46.0	-63.2	99.9	61.0	13.1**	-11.5	-6.4	506.5	999.9	99.9	999.9	184.3	76.
77.9	159.0	21072.9	44.0	-62.3	99.9	275.1	5.3**	5.3	-0.5	515.2	999.9	99.9	999.9	183.0	76.
79.1	160.0	21510.3	41.0	-61.0	99.9	71.5	3.2**	-2.9	-1.0	528.8	999.9	99.9	999.9	185.3	76.
80.2	161.0	21821.3	39.0	-60.7	99.9	62.1	10.1**	-8.9	-4.7	537.3	999.9	99.9	999.9	183.2	76.
81.3	162.0	22147.4	37.0	-62.6	99.9	258.7	23.7**	22.8	4.6	540.5	999.9	99.9	999.9	183.3	76.
82.5	163.0	22668.8	34.0	-62.6	99.9	50.3	8.5**	-6.5	-5.4	553.7	999.9	99.9	999.9	187.1	76.
83.9	164.0	23042.6	32.0	-62.6	99.9	275.1	3.6**	3.6	-0.3	563.4	999.9	99.9	999.9	185.0	76.
85.2	165.0	23439.7	30.0	-62.6	99.9	238.3	16.6*	14.1	8.7	571.4	999.9	99.9	999.9	185.6	76.
86.8	166.0	24085.4	27.0	-64.3	99.9	279.2	8.7*	8.6	-1.4	586.8	999.9	99.9	999.9	186.2	76.
88.6	167.0	24558.1	25.0	-62.6	99.9	256.2	13.5*	13.1	3.2	604.6	999.9	99.9	999.9	188.2	76.
90.6	168.0	25346.0	22.0	-62.8	99.9	256.3	38.4*	37.3	9.1	626.6	999.9	99.9	999.9	191.7	76.
92.7	169.0	25934.2	20.0	-62.1	99.9	265.8	32.7*	32.2	2.4	646.1	999.9	99.9	999.9	195.7	76.
95.0	170.0	26587.4	18.0	-60.9	99.9	258.9	41.6*	40.9	8.0	669.8	999.9	99.9	999.9	200.1	76.
97.5	171.0	27728.0	15.0	-58.3	99.9	999.9	99.9	99.9	99.9	714.1	999.9	99.9	999.9	999.9	999.

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

7 FEBRUARY 1975  
540 GMT

164 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	180.0	999.1	-1.9	-8.6	343.0	4.1	1.4	-3.9	271.6	276.8	2.0	60.0	0.0	0.
0.2	6.0	204.7	996.0	-1.7	-6.2	344.0	7.0	1.9	-6.7	272.1	278.3	2.4	71.4	0.1	167.
0.6	7.0	301.1	984.0	-2.6	-6.1	343.1	7.1	2.1	-6.8	272.1	278.4	2.5	77.2	0.2	166.
0.9	8.0	390.1	973.0	-3.6	-5.9	340.4	7.3	2.4	-6.9	272.0	278.5	2.5	83.9	0.3	165.
1.3	9.0	488.1	961.0	-4.6	-6.3	336.9	7.8	3.1	-7.2	271.9	278.3	2.5	88.4	0.5	162.
1.8	10.0	578.6	950.0	-5.6	-6.3	333.1	8.3	3.8	-7.4	271.9	278.3	2.5	94.3	0.7	160.
2.2	11.0	703.3	935.0	-6.6	-6.7	329.2	8.7	4.4	-7.5	272.0	278.4	2.5	99.1	0.9	158.
2.6	12.0	795.7	924.0	-7.6	-7.6	324.2	8.8	5.2	-7.2	271.9	277.9	2.3	100.0	1.1	156.
2.9	13.0	897.3	912.0	-8.5	-8.5	319.3	8.4	5.5	-6.4	272.0	277.7	2.2	99.8	1.3	154.
3.3	14.0	991.3	901.0	-9.2	-9.3	312.5	8.0	5.9	-5.4	272.2	277.6	2.1	99.7	1.5	152.
3.6	15.0	1086.3	890.0	-10.0	-10.0	307.9	8.1	6.4	-5.0	272.4	277.6	2.0	99.6	1.6	150.
4.2	16.0	1199.7	877.0	-10.7	-10.7	305.7	9.6	7.8	-5.6	272.7	277.8	1.9	99.5	1.9	146.
4.6	17.0	1296.8	866.0	-10.8	-10.9	309.5	10.3	7.9	-6.5	273.6	278.7	1.9	99.5	2.1	144.
4.9	18.0	1395.4	855.0	-9.4	-9.4	315.5	9.7	6.8	-6.9	276.1	281.9	2.2	99.7	2.3	143.
5.3	19.0	1495.8	844.0	-8.5	-9.1	313.1	8.4	6.1	-5.7	278.1	284.1	2.3	95.3	2.5	143.
5.8	20.0	1597.7	833.0	-7.9	-9.6	294.5	8.2	7.2	-3.9	279.7	285.7	2.2	87.4	2.8	141.
6.3	21.0	1710.8	821.0	-7.2	-9.9	294.7	9.7	8.8	-4.1	281.7	287.6	2.2	81.1	3.0	139.
6.7	22.0	1816.0	810.0	-7.2	-10.9	295.9	11.0	9.9	-4.8	282.7	288.4	2.1	74.8	3.2	137.
7.2	23.0	1922.6	799.0	-7.2	-10.9	293.8	12.7	11.6	-5.1	283.8	289.6	2.1	74.8	3.6	135.
7.6	24.0	2020.9	789.0	-7.0	-11.2	290.2	13.6	12.8	-4.7	285.0	290.7	2.1	72.4	3.9	133.
8.0	25.0	2130.4	778.0	-7.3	-11.8	285.8	13.5	13.0	-3.7	285.8	291.4	2.0	70.1	4.2	131.
8.6	26.0	2251.4	766.0	-7.9	-12.7	286.2	14.5	14.0	-4.1	286.5	291.7	1.9	68.3	4.6	128.
9.0	27.0	2363.7	755.0	-8.8	-13.7	286.3	15.0	14.4	-4.2	286.7	291.6	1.8	67.6	5.0	127.
9.4	28.0	2456.6	746.0	-9.4	-14.7	286.8	15.1	14.4	-4.3	287.0	291.7	1.6	65.2	5.3	125.
9.9	29.0	2560.8	736.0	-10.3	-15.8	289.0	15.0	14.3	-4.6	287.2	291.5	1.5	63.5	5.7	124.
10.3	30.0	2666.1	726.0	-10.8	-18.0	289.3	15.1	14.3	-5.0	287.6	291.3	1.3	55.5	6.1	123.
10.7	31.0	2772.6	716.0	-11.3	-21.0	290.5	15.6	14.6	-5.5	288.3	291.2	1.0	44.2	6.4	122.
11.2	32.0	2880.5	706.0	-11.7	-22.7	291.6	16.7	15.5	-6.1	288.9	291.5	0.9	39.5	6.9	122.
11.6	33.0	2989.7	696.0	-12.2	-24.6	292.1	17.6	16.3	-6.6	289.5	291.7	0.7	34.9	7.3	121.
11.9	34.0	3089.1	687.0	-13.0	-27.4	292.3	18.1	16.8	-6.9	289.7	291.5	0.6	28.4	7.6	121.
12.4	35.0	3200.8	677.0	-13.2	-29.0	291.7	18.5	17.2	-6.8	290.6	292.2	0.5	25.1	8.2	120.
12.9	36.0	3325.5	666.0	-13.7	-30.0	290.3	19.3	18.1	-6.7	291.5	293.0	0.5	23.5	8.7	120.
13.3	37.0	3440.4	656.0	-14.2	-31.1	289.2	20.2	19.1	-6.6	292.1	293.5	0.4	22.2	9.2	119.
13.7	38.0	3556.8	646.0	-14.5	-32.2	289.4	20.8	19.7	-6.6	293.1	294.4	0.4	20.5	9.7	119.
14.2	39.0	3662.9	637.0	-15.6	-33.1	287.6	21.0	20.0	-6.4	293.0	294.2	0.4	20.6	10.3	118.
14.7	40.0	3770.2	628.0	-16.0	-33.4	286.8	21.0	20.1	-6.1	293.7	294.9	0.4	20.6	10.9	117.
15.2	41.0	3903.2	617.0	-16.4	-33.7	286.6	21.5	20.6	-6.1	294.8	295.9	0.4	20.7	11.6	117.
15.7	42.0	4013.6	608.0	-17.0	-34.2	287.5	22.6	21.6	-6.8	295.4	296.5	0.3	20.7	12.2	116.
16.1	43.0	4112.9	600.0	-17.8	-34.8	288.4	23.6	22.4	-7.4	295.5	296.6	0.3	20.7	12.7	116.
16.5	44.0	4225.8	591.0	-18.5	-35.4	289.0	24.1	22.8	-7.8	296.0	297.0	0.3	20.8	13.3	116.
16.9	45.0	4327.4	583.0	-18.9	-35.7	289.1	23.7	22.4	-7.7	296.7	297.7	0.3	20.8	13.9	115.
17.4	46.0	4443.2	574.0	-19.1	-35.6	289.3	23.4	22.1	-7.7	297.7	298.7	0.3	21.7	14.6	115.
17.8	47.0	4560.8	565.0	-19.4	-35.8	290.0	23.6	22.1	-8.0	298.7	299.8	0.3	21.7	15.1	115.
18.3	48.0	4666.7	557.0	-20.0	-36.2	290.7	24.0	22.5	-8.5	299.3	300.3	0.3	21.8	15.9	115.
18.7	49.0	4773.8	549.0	-20.8	-36.9	290.3	24.5	23.0	-8.5	299.6	300.6	0.3	21.8	16.4	114.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATIC NO. 11001  
MARSHALL SPACE FLIGHT CENTER

7 FEBRUARY 1975  
540 GMT

164 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.2	50.0	4896.0	540.0	-20.9	-37.0	288.4	25.2	23.9	-7.9	300.9	301.8	0.3	21.8	17.2	114.
19.7	51.0	5033.9	530.0	-21.8	-37.8	285.9	26.3	25.3	-7.2	301.3	302.3	0.3	21.9	17.9	114.
20.1	52.0	5131.6	523.0	-22.6	-38.4	284.7	27.4	26.5	-7.0	301.5	302.4	0.3	21.9	18.5	114.
20.5	53.0	5258.7	514.0	-23.8	-39.4	284.4	28.6	27.7	-7.1	301.6	302.4	0.2	22.0	19.2	113.
20.9	54.0	5358.7	507.0	-24.6	-40.1	284.4	29.1	28.2	-7.3	301.8	302.5	0.2	22.0	20.0	113.
21.3	55.0	5474.3	499.0	-25.2	-40.5	284.0	29.3	28.4	-7.1	302.5	303.2	0.2	22.1	20.7	113.
21.8	56.0	5621.1	489.0	-26.1	-41.3	283.2	29.1	28.3	-6.7	303.1	303.8	0.2	22.1	21.5	112.
22.3	57.0	5725.2	482.0	-27.1	-42.2	282.5	28.9	28.1	-6.2	303.1	303.7	0.2	22.2	22.4	112.
22.7	58.0	5845.6	474.0	-28.1	-43.0	282.1	29.3	28.6	-6.2	303.4	304.0	0.2	22.3	23.1	112.
23.2	59.0	5952.2	467.0	-29.1	-43.9	281.6	31.2	30.5	-6.3	303.4	303.9	0.2	22.3	23.8	111.
23.6	60.0	6075.4	459.0	-30.2	-44.7	280.6	33.2	32.6	-6.1	303.5	304.1	0.1	22.4	24.6	111.
24.0	61.0	6184.7	452.0	-30.9	-45.3	278.6	34.7	34.3	-5.2	304.0	304.5	0.1	22.4	25.6	111.
24.4	62.0	6295.3	445.0	-31.4	-45.7	275.9	35.8	35.7	-3.7	304.7	305.2	0.1	22.5	26.3	110.
24.9	63.0	6407.7	438.0	-31.2	-45.6	273.9	37.1	38.0	-2.6	306.3	306.8	0.1	22.5	27.2	110.
25.4	64.0	6521.9	431.0	-31.1	-45.5	273.1	40.4	40.3	-2.2	307.9	308.4	0.1	22.5	28.6	109.
25.9	65.0	6637.8	424.0	-31.8	-46.1	272.2	41.6	41.5	-1.6	308.5	309.0	0.1	22.5	29.7	108.
26.5	66.0	6789.3	415.0	-32.4	-46.6	270.2	42.1	42.1	-0.2	309.5	310.0	0.1	22.5	31.2	108.
27.0	67.0	6909.0	408.0	-33.2	-47.3	268.3	42.4	42.4	1.3	310.0	310.4	0.1	22.6	32.3	107.
27.4	68.0	7030.4	401.0	-34.2	-47.8	266.7	43.4	43.3	2.5	310.3	310.7	0.1	23.4	33.3	106.
27.9	69.0	7135.8	395.0	-35.1	-48.6	264.8	45.8	45.6	4.1	310.4	310.8	0.1	23.5	34.5	105.
28.3	70.0	7260.2	388.0	-36.0	-49.4	263.9	47.0	46.8	5.0	310.8	311.2	0.1	23.6	35.6	105.
28.9	71.0	7404.5	380.0	-37.2	-50.4	263.7	45.1	44.8	5.0	311.0	311.4	0.1	23.6	37.4	104.
29.3	72.0	7532.7	373.0	-38.3	-51.3	263.4	42.5	42.2	4.9	311.3	311.6	0.1	23.7	38.2	103.
29.7	73.0	7644.1	367.0	-39.1	-52.0	261.7	41.2	40.8	5.9	311.6	311.9	0.1	23.7	39.1	103.
30.2	74.0	7756.9	361.0	-39.8	-52.6	259.5	42.6	41.7	8.5	312.2	312.5	0.1	23.8	40.3	102.
30.7	75.0	7871.4	355.0	-40.0	-52.7	257.3	40.1*	44.9	10.1	313.5	313.8	0.1	23.8	41.4	101.
31.0	76.0	7987.6	349.0	-40.9	99.9	257.8	42.6*	47.5	10.2	313.8	999.9	99.9	999.9	42.1	101.
31.5	77.0	8125.3	342.0	-41.2	99.9	261.2	55.9*	55.3	8.5	315.3	999.9	99.9	999.9	43.7	100.
31.9	78.0	8225.4	337.0	-41.2	99.9	263.1	63.2*	62.7	7.6	316.6	999.9	99.9	999.9	44.6	100.
32.4	79.0	8347.3	331.0	-41.6	99.9	262.5	65.8*	65.3	8.5	317.7	999.9	99.9	999.9	47.2	99.
32.9	80.0	8471.2	325.0	-42.2	99.9	259.4	59.3*	58.3	10.9	318.6	999.9	99.9	999.9	49.2	98.
33.4	81.0	8618.4	318.0	-42.7	99.9	256.7	53.4*	52.0	12.3	319.8	999.9	99.9	999.9	50.2	98.
33.9	82.0	8746.7	312.0	-43.6	99.9	256.9	56.3*	54.8	12.7	320.3	999.9	99.9	999.9	51.8	97.
34.4	83.0	8855.2	307.0	-44.1	99.9	257.9	65.6*	64.1	13.7	321.0	999.9	99.9	999.9	53.2	96.
34.9	84.0	8987.3	301.0	-45.0	99.9	257.7	70.7*	69.1	15.1	321.6	999.9	99.9	999.9	55.5	96.
35.4	85.0	9099.1	296.0	-45.9	99.9	255.9	65.1*	63.1	15.9	322.0	999.9	99.9	999.9	58.1	95.
36.1	86.0	9258.0	289.0	-47.0	99.9	251.9	53.3*	50.7	16.5	322.5	999.9	99.9	999.9	59.7	94.
36.5	87.0	9396.8	283.0	-47.6	99.9	249.9	50.5*	47.4	17.3	323.6	999.9	99.9	999.9	61.0	94.
37.0	88.0	9514.4	278.0	-48.0	99.9	248.9	49.9*	46.6	17.9	324.6	999.9	99.9	999.9	62.5	93.
37.4	89.0	9634.0	273.0	-48.5	99.9	250.6	52.7*	49.7	17.5	325.7	999.9	99.9	999.9	63.3	93.
37.9	90.0	9755.5	268.0	-48.8	99.9	253.0	57.8*	55.2	16.8	327.0	999.9	99.9	999.9	64.7	92.
38.3	91.0	9879.1	263.0	-49.4	99.9	254.0	59.9*	57.5	16.6	327.9	999.9	99.9	999.9	66.6	92.
38.8	92.0	10004.7	258.0	-50.1	99.9	255.4	64.5*	62.4	16.3	328.6	999.9	99.9	999.9	68.1	91.
39.2	93.0	10132.2	253.0	-51.2	99.9	257.9	74.5*	72.9	15.7	328.8	999.9	99.9	999.9	69.2	91.
39.7	94.0	10261.8	248.0	-52.0	99.9	261.0	91.8*	90.7	14.4	329.6	999.9	99.9	999.9	71.7	90.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

7 FEBRUARY 1975  
540 GMT

164 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
40.2	95.0	10393.7	243.0	-52.1	99.9	262.6	131.4*	100.6	13.1	331.2	999.9	99.9	999.9	75.3	90.
40.9	96.0	10555.5	237.0	-52.3	99.9	262.6	97.5*	96.7	12.6	333.4	999.9	99.9	999.9	79.0	90.
41.4	97.0	10665.6	233.0	-52.1	99.9	260.8	97.7*	86.5	13.9	335.3	999.9	99.9	999.9	82.6	90.
42.0	98.0	10806.0	228.0	-52.1	99.9	258.2	72.5*	71.0	14.8	337.3	999.9	99.9	999.9	85.4	89.
42.5	99.0	10920.5	224.0	-52.5	99.9	258.4	65.9*	64.5	13.3	338.6	999.9	99.9	999.9	86.3	89.
43.1	100.0	11066.4	219.0	-52.8	99.9	259.6	56.2*	55.2	10.1	340.3	999.9	99.9	999.9	89.8	89.
43.7	101.0	11215.4	214.0	-52.9	99.9	260.8	42.4*	41.9	6.8	342.3	999.9	99.9	999.9	91.0	88.
44.2	102.0	11337.2	210.0	-52.8	99.9	260.6	37.2*	36.7	6.1	344.4	999.9	99.9	999.9	92.0	88.
44.7	103.0	11492.8	205.0	-52.5	99.9	258.3	38.2*	37.4	7.7	347.3	999.9	99.9	999.9	93.1	88.
45.1	104.0	11620.1	201.0	-52.8	99.9	257.3	41.9*	40.9	9.2	348.7	999.9	99.9	999.9	94.1	88.
45.6	105.0	11749.8	197.0	-53.2	99.9	259.2	50.5*	49.6	9.5	350.0	999.9	99.9	999.9	95.1	88.
46.1	106.0	11881.9	193.0	-53.4	99.9	260.6	55.2*	54.5	9.0	351.8	999.9	99.9	999.9	96.7	88.
46.6	107.0	12016.6	189.0	-53.7	99.9	259.1	46.0*	45.0	9.5	353.4	999.9	99.9	999.9	99.6	88.
47.1	108.0	12154.1	185.0	-53.6	99.9	251.2	32.9*	31.1	10.6	355.8	999.9	99.9	999.9	99.6	88.
47.7	109.0	12294.9	181.0	-53.1	99.9	246.3	30.2*	27.7	12.2	358.8	999.9	99.9	999.9	100.7	87.
48.2	110.0	12402.6	178.0	-53.1	99.9	247.0	33.8*	31.1	13.2	360.5	999.9	99.9	999.9	101.6	87.
48.9	111.0	12586.0	173.0	-53.7	99.9	252.5	41.9*	40.0	12.6	362.4	999.9	99.9	999.9	103.0	87.
49.4	112.0	12736.2	169.0	-54.0	99.9	255.4	47.8*	46.3	12.1	364.3	999.9	99.9	999.9	104.1	87.
49.9	113.0	12851.0	166.0	-54.7	99.9	252.6	41.7*	39.8	12.5	365.1	999.9	99.9	999.9	106.2	87.
50.4	114.0	13006.9	162.0	-55.3	99.9	243.5	27.6*	24.7	12.3	366.6	999.9	99.9	999.9	107.7	86.
50.9	115.0	13166.1	158.0	-56.2	99.9	243.6	24.7*	22.1	11.0	367.8	999.9	99.9	999.9	106.5	86.
51.5	116.0	13328.8	154.0	-57.0	99.9	255.9	36.5*	35.4	8.9	369.1	999.9	99.9	999.9	108.7	86.
52.0	117.0	13453.1	151.0	-57.7	99.9	260.0	40.7*	40.1	7.1	370.0	999.9	99.9	999.9	109.7	86.
52.4	118.0	13579.7	148.0	-58.0	99.9	260.2	38.4*	37.8	6.5	371.6	999.9	99.9	999.9	110.6	86.
53.0	119.0	13752.2	144.0	-58.4	99.9	256.9	33.7*	32.8	7.6	373.9	999.9	99.9	999.9	111.9	86.
53.5	120.0	13884.6	141.0	-58.7	99.9	249.8	27.5*	25.8	9.5	375.5	999.9	99.9	999.9	113.0	86.
54.1	121.0	14019.6	138.0	-58.9	99.9	248.1	26.3*	24.4	9.8	377.6	999.9	99.9	999.9	113.7	86.
54.6	122.0	14157.5	135.0	-58.9	99.9	254.8	33.7*	32.5	8.8	379.9	999.9	99.9	999.9	113.8	86.
55.2	123.0	14298.3	132.0	-59.8	99.9	258.8	39.8*	39.1	7.7	380.8	999.9	99.9	999.9	116.1	85.
55.8	124.0	14442.0	129.0	-59.8	99.9	258.4	37.7*	37.0	7.6	383.3	999.9	99.9	999.9	117.3	85.
56.3	125.0	14589.4	126.0	-58.7	99.9	258.4	36.8*	36.0	7.4	387.8	999.9	99.9	999.9	118.4	85.
57.0	126.0	14792.0	122.0	-58.9	99.9	259.9	39.4*	38.8	6.9	391.1	999.9	99.9	999.9	119.9	85.
57.5	127.0	14948.0	119.0	-59.6	99.9	260.8	45.3*	44.8	7.3	392.6	999.9	99.9	999.9	121.1	85.
58.0	128.0	15107.6	116.0	-59.9	99.9	261.5	51.8*	51.2	7.7	394.8	999.9	99.9	999.9	122.3	85.
58.6	129.0	15216.1	114.0	-60.3	99.9	262.5	48.8*	48.4	6.3	396.1	999.9	99.9	999.9	124.9	85.
59.1	130.0	15382.6	111.0	-59.9	99.9	263.7	38.1*	37.9	4.2	399.8	999.9	99.9	999.9	126.0	85.
59.8	131.0	15553.5	108.0	-60.5	99.9	264.5	21.1*	21.0	2.0	402.0	999.9	99.9	999.9	127.4	85.
60.4	132.0	15729.0	105.0	-60.5	99.9	261.8	16.8*	16.6	2.4	405.2	999.9	99.9	999.9	127.3	85.
61.0	133.0	15909.4	102.0	-60.8	99.9	260.1	24.8*	24.4	4.2	407.9	999.9	99.9	999.9	128.3	85.
61.6	134.0	16032.4	100.0	-61.2	99.9	263.7	31.7*	31.5	3.5	409.5	999.9	99.9	999.9	129.3	85.
62.2	135.0	16221.7	97.0	-60.8	99.9	267.1	33.1*	33.0	1.7	413.8	999.9	99.9	999.9	130.6	85.
63.0	136.0	16416.6	94.0	-61.9	99.9	266.7	31.9*	31.9	1.8	415.4	999.9	99.9	999.9	132.2	85.
63.8	137.0	16616.9	91.0	-62.7	99.9	266.0	39.4*	39.3	2.7	417.8	999.9	99.9	999.9	133.7	85.
64.5	138.0	16824.2	88.0	-61.4	99.9	263.2	46.3*	46.0	5.5	424.4	999.9	99.9	999.9	135.2	85.
65.2	139.0	17039.7	85.0	-60.8	99.9	263.5	26.9*	26.7	3.1	429.7	999.9	99.9	999.9	137.9	85.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

7 FEBRUARY 1975  
540 GMT

164 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
66.0	140.0	17263.4	82.0	-60.3	99.9	241.3	6.9*	6.0	3.3	435.3	999.9	99.9	999.9	138.5	85.
66.7	141.0	17416.9	80.0	-61.6	99.9	251.2	19.0*	18.0	6.1	435.7	999.9	99.9	999.9	137.9	85.
67.4	142.0	17654.4	77.0	-60.5	99.9	259.1	33.8*	33.2	6.4	442.8	999.9	99.9	999.9	139.5	85.
68.2	143.0	17902.1	74.0	-60.3	99.9	252.3	36.1*	34.4	11.0	448.2	999.9	99.9	999.9	141.3	85.
68.9	144.0	18072.3	72.0	-61.9	99.9	244.4	36.7*	33.2	16.0	448.3	999.9	99.9	999.9	142.6	85.
69.7	145.0	18334.5	69.0	-63.6	99.9	245.8	35.6*	32.5	14.6	450.1	999.9	99.9	999.9	144.4	84.
70.5	146.0	18514.8	67.0	-64.2	99.9	250.5	35.9*	33.8	12.0	452.7	999.9	99.9	999.9	145.8	84.
71.3	147.0	18796.3	64.0	-62.5	99.9	254.4	36.5*	35.2	9.8	462.4	999.9	99.9	999.9	147.7	84.
72.1	148.0	18991.9	62.0	-63.2	99.9	259.2	29.7*	29.2	5.6	465.0	999.9	99.9	999.9	149.3	84.
73.0	149.0	19296.7	59.0	-63.4	99.9	262.8	11.6*	11.5	1.5	471.2	999.9	99.9	999.9	151.5	84.
73.9	150.0	19508.5	57.0	-63.4	99.9	254.3	29.0*	28.0	7.9	475.8	999.9	99.9	999.9	152.3	84.
74.8	151.0	19727.5	55.0	-64.2	99.9	260.6	30.3*	29.9	4.9	479.0	999.9	99.9	999.9	152.7	84.
75.7	152.0	20070.8	52.0	-64.2	99.9	268.1	35.9*	35.9	1.2	486.7	999.9	99.9	999.9	155.0	84.
76.6	153.0	20311.3	50.0	-63.4	99.9	266.0	33.9*	33.8	2.4	494.0	999.9	99.9	999.9	156.8	84.
77.5	154.0	20563.1	48.0	-61.7	99.9	266.1	37.7*	37.6	2.6	503.8	999.9	99.9	999.9	158.5	84.
78.6	155.0	20963.1	45.0	-61.4	99.9	270.6	38.0*	38.0	-0.4	514.1	999.9	99.9	999.9	161.3	84.
79.6	156.0	21244.9	43.0	-61.6	99.9	266.8	33.1*	33.0	1.8	520.4	999.9	99.9	999.9	163.4	84.
80.7	157.0	21540.4	41.0	-61.2	99.9	262.0	37.0*	36.6	5.1	528.5	999.9	99.9	999.9	165.5	84.
82.0	158.0	22013.0	38.0	-60.5	99.9	260.1	40.5*	39.9	7.0	541.9	999.9	99.9	999.9	168.7	84.
83.0	159.0	22347.1	36.0	-63.8	99.9	259.7	38.3*	37.7	6.8	541.7	999.9	99.9	999.9	171.1	84.
84.1	160.0	22697.3	34.0	-64.2	99.9	261.3	41.7*	41.2	6.3	549.6	999.9	99.9	999.9	173.5	84.
85.5	161.0	23262.4	31.0	-64.4	99.9	254.9	29.0*	28.0	7.6	563.8	999.9	99.9	999.9	177.4	84.
86.9	162.0	23669.8	29.0	-64.8	99.9	271.5	17.1*	17.1	-0.5	573.6	999.9	99.9	999.9	178.0	84.
88.5	163.0	24107.3	27.0	-63.4	99.9	232.8	8.2*	6.6	5.0	589.2	999.9	99.9	999.9	178.8	83.
90.1	164.0	24831.9	24.0	-62.9	99.9	263.6	31.5*	31.3	3.5	611.1	999.9	99.9	999.9	181.5	84.
92.0	165.0	25368.5	22.0	-62.3	99.9	241.1	7.9*	7.0	3.8	628.1	999.9	99.9	999.9	185.1	83.
94.2	166.0	25960.2	20.0	-60.1	99.9	271.8	7.4*	7.4	-0.2	652.2	999.9	99.9	999.9	187.0	84.
96.4	167.0	26973.6	17.0	-60.5	99.9	137.6	6.4*	-4.3	4.7	682.1	999.9	99.9	999.9	186.8	83.
99.2	168.0	27760.3	15.0	-56.7	99.9	999.9	99.9	99.9	99.9	719.6	999.9	99.9	999.9	999.9	999.

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

7 FEBRUARY 1975  
1115 GMT

160 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	180.0	1000.6	-2.6	-5.9	330.0	3.1	1.6	-2.7	270.8	277.1	2.5	78.0	0.0	0.
0.2	6.0	216.5	996.0	-3.3	-6.8	334.7	7.2	3.1	-6.5	270.5	276.4	2.3	76.7	0.1	149.
0.6	7.0	312.2	984.0	-4.5	-7.1	334.0	7.1	3.1	-6.4	270.1	276.0	2.3	82.0	0.1	151.
0.9	8.0	408.8	972.0	-5.1	-6.9	331.8	6.9	3.2	-6.0	270.5	276.5	2.3	87.5	0.3	153.
1.3	9.0	506.2	960.0	-6.4	-7.2	328.9	6.6	3.4	-5.7	270.2	276.2	2.3	93.6	0.4	151.
1.7	10.0	604.5	948.0	-7.4	-7.7	324.6	6.7	3.9	-5.4	270.1	275.9	2.3	98.1	0.6	150.
2.1	11.0	728.5	933.0	-8.6	-8.6	318.6	6.8	4.5	-5.1	270.1	275.6	2.1	100.6	0.7	149.
2.5	12.0	828.8	921.0	-9.5	-9.5	311.7	6.9	5.1	-4.6	270.2	275.4	2.0	100.5	0.9	146.
2.9	13.0	930.1	909.0	-9.8	-9.8	306.4	6.2	5.0	-3.7	270.9	276.1	2.0	100.5	1.1	144.
3.4	14.0	1024.2	898.0	-9.9	-9.9	301.7	6.0	5.1	-3.1	271.7	276.9	2.0	100.4	1.2	141.
3.8	15.0	1119.2	887.0	-10.6	-10.6	298.9	6.1	5.4	-3.0	271.9	276.9	1.9	100.3	1.4	139.
4.3	16.0	1241.5	873.0	-11.4	-11.4	296.0	6.8	6.0	-3.1	272.4	277.2	1.8	100.2	1.5	136.
4.7	17.0	1338.7	862.0	-12.1	-12.1	303.1	8.6	7.2	-4.7	272.6	277.2	1.8	100.1	1.7	134.
5.0	18.0	1436.8	851.0	-12.8	-12.8	309.4	11.0	8.5	-7.0	272.9	277.3	1.7	100.0	1.8	133.
5.3	19.0	1545.6	839.0	-11.1	-11.1	313.4	12.3	8.9	-8.5	275.0	281.0	2.0	100.3	2.1	133.
5.7	20.0	1647.1	828.0	-10.9	-14.5	314.1	13.7	9.5	-9.2	276.9	281.0	1.5	74.6	2.4	134.
6.3	21.0	1769.0	815.0	-9.6	-15.5	306.3	13.4	10.8	-7.9	279.6	283.4	1.4	62.1	2.9	133.
6.7	22.0	1874.0	804.0	-9.5	-17.5	300.8	13.8	11.8	-7.1	280.8	284.2	1.2	52.0	3.2	132.
7.1	23.0	1970.6	794.0	-10.1	-21.0	298.1	14.4	12.7	-6.8	281.1	283.7	0.9	40.0	3.5	131.
7.5	24.0	2078.1	783.0	-10.5	-22.6	297.9	15.4	13.6	-7.2	281.8	284.1	0.8	36.0	3.9	130.
7.9	25.0	2186.8	772.0	-11.5	-27.4	297.0	15.7	13.9	-7.1	281.8	283.3	0.5	25.4	4.3	129.
8.4	26.0	2306.7	760.0	-12.2	-33.0	295.3	16.5	14.9	-7.0	282.3	283.2	0.3	15.7	4.7	128.
8.8	27.0	2418.2	749.0	-11.9	-29.6	293.6	17.3	15.9	-6.9	283.8	285.1	0.4	21.2	5.1	126.
9.2	28.0	2521.0	739.0	-12.2	-28.7	291.7	18.1	16.8	-6.7	284.5	286.0	0.5	23.8	5.5	125.
9.6	29.0	2625.2	729.0	-12.4	-27.2	289.4	18.7	17.6	-6.2	285.5	287.2	0.6	27.7	5.9	124.
10.0	30.0	2730.6	719.0	-13.1	-27.1	286.2	19.1	18.3	-5.3	285.9	287.6	0.6	29.5	6.4	124.
10.5	31.0	2837.3	709.0	-13.1	-26.5	281.6	19.7	19.3	-4.0	287.0	288.9	0.6	31.2	6.9	122.
11.0	32.0	2945.5	699.0	-13.1	-26.5	278.5	20.6	20.4	-3.0	288.2	290.1	0.6	31.2	7.5	120.
11.4	33.0	3055.2	689.0	-13.6	-27.2	277.6	21.7	21.5	-2.9	288.7	290.5	0.6	30.5	8.0	119.
11.8	34.0	3166.4	679.0	-13.8	-28.4	277.4	22.8	22.6	-2.9	289.8	291.4	0.5	27.7	8.5	117.
12.3	35.0	3267.7	670.0	-14.3	-30.1	277.5	23.9	23.7	-3.1	290.3	291.7	0.5	24.7	9.1	116.
12.8	36.0	3404.7	658.0	-14.3	-34.7	277.4	24.5	24.3	-3.1	291.7	292.7	0.3	15.8	9.8	114.
13.3	37.0	3509.1	649.0	-14.5	-34.8	276.4	24.7	24.5	-2.8	292.7	293.7	0.3	15.8	10.6	113.
13.7	38.0	3626.6	639.0	-15.0	-35.2	274.9	24.8	24.7	-2.1	293.6	294.3	0.3	15.9	11.1	112.
14.2	39.0	3737.8	630.0	-15.3	-35.4	273.0	25.3	25.3	-1.3	294.3	295.2	0.3	15.9	11.8	111.
14.6	40.0	3842.4	621.0	-15.9	-35.8	272.5	25.7	25.7	-1.1	294.8	295.8	0.3	16.0	12.4	110.
15.2	41.0	3976.9	610.0	-16.6	-36.4	273.6	25.3	25.3	-1.6	295.6	296.5	0.3	16.0	13.3	109.
15.7	42.0	4101.1	600.0	-17.1	-36.5	274.9	24.0	23.9	-2.1	296.3	297.2	0.3	16.6	14.1	108.
16.2	43.0	4201.7	592.0	-17.5	-36.0	276.6	23.4	23.2	-2.7	297.0	298.0	0.3	18.0	14.7	108.
16.6	44.0	4316.3	583.0	-17.9	-35.4	278.4	24.0	23.7	-3.5	297.8	298.9	0.3	19.9	15.2	107.
17.1	45.0	4432.5	574.0	-18.6	-35.9	280.7	25.8	25.3	-4.8	298.4	299.4	0.3	19.9	16.0	107.
17.5	46.0	4537.0	566.0	-19.4	-36.6	281.9	27.2	26.6	-5.6	298.6	299.5	0.3	20.0	16.6	107.
17.9	47.0	4655.9	557.0	-20.5	-37.5	282.4	28.0	27.3	-6.0	298.7	299.6	0.3	20.1	17.2	107.
18.4	48.0	4776.2	548.0	-21.6	-37.2	282.3	28.2	27.6	-6.0	298.8	299.8	0.3	22.7	18.2	106.
18.9	49.0	4884.4	540.0	-22.5	-37.3	281.2	28.5	27.9	-5.5	299.0	299.9	0.3	24.3	19.0	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

7 FEBRUARY 1975  
1115 GMT

160 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
19.4	50.0	4993.9	532.0	-23.1	-38.2	279.9	28.9	28.5	-5.0	299.5	300.3	0.3	23.6	19.8	106.
20.0	51.0	5132.7	522.0	-23.8	-39.2	278.9	28.4	28.1	-4.4	300.3	301.1	0.2	22.4	20.9	106.
20.5	52.0	5245.3	514.0	-24.7	-40.0	278.3	27.7	27.4	-4.0	300.5	301.2	0.2	22.5	21.7	105.
21.0	53.0	5359.2	506.0	-25.8	-40.9	277.9	28.7	28.4	-3.9	300.6	301.3	0.2	22.5	22.4	105.
21.5	54.0	5474.5	498.0	-26.4	-41.6	277.5	29.9	29.6	-3.9	301.1	301.8	0.2	22.2	23.5	105.
22.0	55.0	5591.3	490.0	-27.5	-42.8	276.8	30.0	29.8	-3.5	301.3	301.9	0.2	21.4	24.4	105.
22.6	56.0	5739.5	480.0	-28.4	-43.6	276.8	31.2	31.0	-3.7	301.9	302.5	0.2	21.5	25.3	104.
23.0	57.0	5844.6	473.0	-29.2	-44.2	277.4	32.7	32.4	-4.2	302.2	302.7	0.2	21.5	26.1	104.
23.5	58.0	5966.3	465.0	-30.2	-45.1	278.3	34.4	34.0	-5.0	302.4	302.9	0.1	21.6	27.1	104.
24.0	59.0	6074.1	458.0	-31.0	-45.9	278.4	35.5	35.1	-5.2	302.7	303.2	0.1	21.2	28.1	104.
24.4	60.0	6198.8	450.0	-32.0	-46.8	277.1	35.1	34.8	-4.3	303.0	303.4	0.1	21.3	29.1	103.
24.9	61.0	6309.3	443.0	-33.1	-47.6	274.9	33.3	33.2	-2.8	303.0	303.4	0.1	21.4	30.2	103.
25.4	62.0	6421.2	436.0	-33.7	-48.2	273.4	32.4	32.3	-1.9	303.6	303.9	0.1	21.4	31.0	103.
25.9	63.0	6534.4	429.0	-34.9	-49.2	273.1	34.1	34.0	-1.8	303.5	303.8	0.1	21.5	31.9	103.
26.4	64.0	6665.6	421.0	-35.7	-49.8	272.4	36.1	36.1	-1.5	304.1	304.4	0.1	21.5	33.0	102.
26.9	65.0	6765.2	415.0	-36.6	-50.6	271.0	35.8	35.8	-0.6	304.2	304.5	0.1	21.6	34.2	102.
27.5	66.0	6916.9	406.0	-37.5	-51.2	268.7	33.8	33.8	0.8	304.9	305.2	0.1	22.1	35.4	101.
28.1	67.0	7036.7	399.0	-38.3	-51.9	268.3	35.0	35.0	1.1	305.4	305.7	0.1	22.1	36.5	101.
28.6	68.0	7158.2	392.0	-39.5	-52.9	269.3	38.4*	38.4	0.5	305.4	305.6	0.1	22.2	37.5	101.
29.1	69.0	7281.3	385.0	-40.3	99.9	270.3	42.8*	42.8	-0.2	306.0	999.9	99.9	999.9	38.8	100.
29.6	70.0	7388.3	379.0	-40.9	99.9	271.0	48.3*	48.3	-0.9	306.5	999.9	99.9	999.9	39.9	100.
30.3	71.0	7533.4	371.0	-40.8	99.9	270.7	53.0*	53.0	-0.7	308.5	999.9	99.9	999.9	42.3	100.
30.8	72.0	7662.9	364.0	-41.5	99.9	268.5	50.4*	50.4	1.3	309.3	999.9	99.9	999.9	44.1	99.
31.3	73.0	7775.6	358.0	-41.7	99.9	265.1	45.3*	45.2	3.9	310.4	999.9	99.9	999.9	45.3	99.
31.8	74.0	7890.0	352.0	-42.6	99.9	262.6	42.1*	41.8	5.4	310.9	999.9	99.9	999.9	46.6	98.
32.3	75.0	8006.0	346.0	-42.8	99.9	263.0	42.7*	42.3	5.2	312.0	999.9	99.9	999.9	47.6	98.
32.9	76.0	8124.0	340.0	-43.1	99.9	265.9	47.5*	47.4	3.4	313.2	999.9	99.9	999.9	49.2	97.
33.4	77.0	8243.8	334.0	-43.8	99.9	267.8	52.9*	52.9	2.1	313.9	999.9	99.9	999.9	50.6	97.
34.0	78.0	8385.8	327.0	-44.5	99.9	267.9	56.3*	56.2	2.1	314.8	999.9	99.9	999.9	52.7	97.
34.6	79.0	8509.7	321.0	-45.0	99.9	265.9	51.1*	50.9	3.6	315.8	999.9	99.9	999.9	54.9	97.
35.2	80.0	8635.7	315.0	-45.4	99.9	262.5	41.1*	40.7	5.4	316.9	999.9	99.9	999.9	56.4	96.
35.9	81.0	8785.4	308.0	-46.1	99.9	253.1	33.2*	32.5	6.8	318.0	999.9	99.9	999.9	57.8	96.
36.5	82.0	8894.1	303.0	-46.7	99.9	253.8	36.5*	35.8	7.1	318.7	999.9	99.9	999.9	58.5	95.
37.0	83.0	9026.6	297.0	-47.2	99.9	259.5	41.5*	40.8	7.6	319.7	999.9	99.9	999.9	60.0	95.
37.6	84.0	9138.9	292.0	-47.5	99.9	257.5	44.0*	43.0	9.5	320.9	999.9	99.9	999.9	61.6	95.
38.1	85.0	9276.2	286.0	-47.4	99.9	257.0	49.3*	48.0	11.1	323.0	999.9	99.9	999.9	62.6	94.
38.7	86.0	9416.5	280.0	-47.0	99.9	259.3	62.0*	60.9	11.5	325.5	999.9	99.9	999.9	64.5	94.
39.2	87.0	9559.9	274.0	-47.2	99.9	260.7	70.9*	70.0	11.4	327.2	999.9	99.9	999.9	66.5	93.
39.7	88.0	9681.7	269.0	-47.7	99.9	260.5	74.0*	73.0	12.2	328.3	999.9	99.9	999.9	69.0	93.
40.2	89.0	9805.4	264.0	-48.4	99.9	259.8	76.2*	75.0	13.5	329.0	999.9	99.9	999.9	71.0	93.
40.7	90.0	9931.1	259.0	-48.9	99.9	259.9	81.8*	80.5	14.3	330.0	999.9	99.9	999.9	73.0	92.
41.2	91.0	10059.0	254.0	-49.7	99.9	260.1	85.2*	83.9	14.7	330.7	999.9	99.9	999.9	76.0	92.
41.7	92.0	10188.9	249.0	-50.4	99.9	259.5	79.6*	78.2	14.5	331.6	999.9	99.9	999.9	78.3	91.
42.3	93.0	10321.2	244.0	-50.7	99.9	258.3	60.7*	59.4	12.3	333.0	999.9	99.9	999.9	81.3	91.
42.8	94.0	10428.8	240.0	-51.1	99.9	258.0	43.1*	42.1	9.0	334.0	999.9	99.9	999.9	82.6	91.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

7 FEBRUARY 1975  
1115 GMT

160 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
43.4	95.0	10565.8	235.0	-50.8	99.9	258.6	30.5*	29.9	6.0	336.4	999.9	99.9	999.9	83.6	91.
44.2	96.0	10734.2	229.0	-50.8	99.9	261.6	30.2*	29.9	4.4	338.9	999.9	99.9	999.9	84.9	90.
44.8	97.0	10849.0	225.0	-50.7	99.9	265.4	37.9*	37.8	3.0	340.9	999.9	99.9	999.9	85.8	90.
45.4	98.0	10955.6	220.0	-50.4	99.9	266.9	45.3*	45.3	2.4	343.5	999.9	99.9	999.9	87.8	90.
46.0	99.0	11115.4	216.0	-50.1	99.9	267.3	48.4*	48.4	2.3	345.8	999.9	99.9	999.9	88.9	90.
46.6	100.0	11237.4	212.0	-50.4	99.9	268.3	50.9*	50.9	1.5	347.2	999.9	99.9	999.9	91.2	90.
47.3	101.0	11424.8	206.0	-50.4	99.9	269.8	48.8*	48.8	1.0	350.0	999.9	99.9	999.9	93.4	90.
47.8	102.0	11552.8	202.0	-50.1	99.9	267.1	41.7*	41.6	2.1	352.5	999.9	99.9	999.9	94.8	90.
48.4	103.0	11683.5	198.0	-50.1	99.9	262.7	34.1*	33.8	4.4	354.5	999.9	99.9	999.9	95.9	90.
48.9	104.0	11816.7	194.0	-50.4	99.9	259.3	32.8*	32.2	6.1	356.1	999.9	99.9	999.9	96.9	90.
49.5	105.0	11952.6	190.0	-50.5	99.9	256.5	33.6*	32.7	7.8	358.0	999.9	99.9	999.9	98.0	90.
50.0	106.0	12091.1	186.0	-51.6	99.9	255.5	34.1*	33.0	8.5	358.5	999.9	99.9	999.9	99.1	90.
50.6	107.0	12232.0	182.0	-52.1	99.9	256.6	34.0*	33.1	7.9	359.8	999.9	99.9	999.9	100.2	89.
51.1	108.0	12375.6	178.0	-52.7	99.9	258.6	34.3*	33.6	6.8	361.1	999.9	99.9	999.9	101.3	89.
51.6	109.0	12485.2	175.0	-53.3	99.9	260.5	37.2*	36.7	6.1	361.9	999.9	99.9	999.9	102.2	89.
52.1	110.0	12633.8	171.0	-54.3	99.9	260.8	44.3*	43.7	7.1	362.7	999.9	99.9	999.9	103.3	89.
52.8	111.0	12823.6	166.0	-55.2	99.9	259.5	53.1*	52.2	5.6	364.3	999.9	99.9	999.9	105.6	89.
53.3	112.0	12939.9	163.0	-55.8	99.9	260.0	55.1*	54.2	5.5	365.1	999.9	99.9	999.9	107.2	89.
53.9	113.0	13098.1	159.0	-55.8	99.9	261.7	57.9*	57.3	6.3	367.7	999.9	99.9	999.9	109.0	89.
54.0	114.0	13219.3	156.0	-56.0	99.9	262.0	58.6*	58.0	8.1	369.5	999.9	99.9	999.9	109.4	89.
55.1	115.0	13342.6	153.0	-56.6	99.9	262.5	51.3**	50.9	6.7	370.5	999.9	99.9	999.9	113.5	88.
55.9	116.0	13510.4	149.0	-57.4	99.9	265.2	66.1**	65.9	5.5	371.9	999.9	99.9	999.9	114.8	88.
56.5	117.0	13682.3	145.0	-57.4	99.9	266.4	69.9**	69.8	4.4	374.8	999.9	99.9	999.9	119.5	88.
57.0	118.0	13814.4	142.0	-57.4	99.9	266.9	52.8**	52.7	2.9	377.1	999.9	99.9	999.9	120.6	88.
57.6	119.0	13949.2	139.0	-58.1	99.9	266.1	40.0**	39.9	2.7	378.2	999.9	99.9	999.9	121.8	88.
58.0	120.0	14086.6	136.0	-58.4	99.9	264.9	38.6**	38.5	3.5	380.0	999.9	99.9	999.9	122.8	88.
58.5	121.0	14226.8	133.0	-58.7	99.9	265.3	41.1**	40.9	3.3	381.9	999.9	99.9	999.9	123.9	88.
59.0	122.0	14369.8	130.0	-59.4	99.9	267.7	48.8**	48.8	2.0	383.2	999.9	99.9	999.9	125.1	88.
59.5	123.0	14515.8	127.0	-60.0	99.9	268.4	59.0**	59.0	1.6	384.5	999.9	99.9	999.9	126.3	88.
60.0	124.0	14664.8	124.0	-60.7	99.9	267.7	59.5**	59.4	2.4	385.9	999.9	99.9	999.9	129.3	88.
60.5	125.0	14816.9	121.0	-61.4	99.9	267.1	49.0**	48.9	2.5	387.4	999.9	99.9	999.9	130.6	88.
61.2	126.0	15025.3	117.0	-61.8	99.9	265.2	37.8**	37.7	3.2	390.5	999.9	99.9	999.9	132.2	88.
61.7	127.0	15131.9	115.0	-62.1	99.9	263.4	36.3**	36.1	4.2	391.8	999.9	99.9	999.9	133.2	88.
62.3	128.0	15295.2	112.0	-62.5	99.9	264.1	43.2**	43.1	4.5	394.1	999.9	99.9	999.9	134.5	88.
62.9	129.0	15462.7	109.0	-62.6	99.9	266.4	60.9**	60.8	3.8	396.8	999.9	99.9	999.9	135.8	88.
63.4	130.0	15576.6	107.0	-63.5	99.9	266.6	71.5**	71.4	4.2	397.2	999.9	99.9	999.9	138.3	88.
64.3	131.0	15751.2	104.0	-63.5	99.9	262.9	52.0**	51.6	6.4	400.5	999.9	99.9	999.9	142.3	88.
64.9	132.0	15931.2	101.0	-62.8	99.9	263.4	36.6**	36.4	4.2	405.2	999.9	99.9	999.9	143.6	88.
65.6	133.0	16054.3	99.0	-63.2	99.9	272.9	33.7**	33.7	-1.7	406.8	999.9	99.9	999.9	144.8	88.
66.2	134.0	16243.6	96.0	-63.2	99.9	275.4	35.6**	35.4	-3.4	410.4	999.9	99.9	999.9	146.2	88.
66.8	135.0	16373.0	94.0	-63.5	99.9	272.0	36.4**	36.4	-1.3	412.2	999.9	99.9	999.9	147.4	88.
67.7	136.0	16640.1	90.0	-63.4	99.9	269.3	36.9**	36.9	0.4	417.7	999.9	99.9	999.9	149.5	88.
68.3	137.0	16778.2	88.0	-63.4	99.9	271.4	37.3**	37.3	-0.9	420.4	999.9	99.9	999.9	150.7	88.
69.0	138.0	16991.3	85.0	-63.4	99.9	272.5	35.6**	35.5	-1.6	424.6	999.9	99.9	999.9	152.4	88.
69.8	139.0	17212.5	82.0	-62.6	99.9	267.8	16.8**	16.8	-0.6	430.5	999.9	99.9	999.9	154.1	88.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

7 FEBRUARY 1975  
1115 GMT

160 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIF DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
70.5	140.0	17364.8	80.0	-62.5	99.9	259.0	10.8**	10.6	2.1	433.9	999.9	99.9	999.9	153.2	88.
71.3	141.0	17600.4	77.0	-63.0	99.9	255.1	15.5**	15.0	4.0	437.5	999.9	99.9	999.9	155.2	88.
72.0	142.0	17844.5	74.0	-63.9	99.9	230.4	14.5**	11.2	9.2	440.6	999.9	99.9	999.9	154.9	88.
72.9	143.0	18012.3	72.0	-64.3	99.9	248.7	24.8**	23.1	9.0	443.3	999.9	99.9	999.9	156.2	88.
73.8	144.0	18185.1	70.0	-63.2	99.9	256.3	31.2**	30.3	7.4	449.2	999.9	99.9	999.9	157.7	88.
74.6	145.0	18453.8	67.0	-64.3	99.5	247.3	9.6**	8.9	3.7	452.5	999.9	99.9	999.9	159.6	87.
75.4	146.0	18639.4	65.0	-63.9	99.5	83.9	10.0**	-10.0	-1.1	457.3	999.9	99.9	999.9	157.7	87.
76.3	147.0	18929.3	62.0	-63.5	99.5	259.2	21.1**	20.8	4.0	464.3	999.9	99.9	999.9	158.9	88.
77.3	148.0	19130.9	60.0	-62.8	99.9	265.0	26.9**	26.8	2.3	470.3	999.9	99.9	999.9	160.5	87.
78.3	149.0	19340.0	58.0	-62.5	99.9	277.0	15.2**	15.1	-1.8	475.7	999.9	99.9	999.9	162.2	87.
79.3	150.0	19668.8	55.0	-61.1	99.9	289.4	18.3**	17.3	-6.1	486.2	999.9	99.9	999.9	162.3	88.
80.4	151.0	19899.3	53.0	-60.4	99.5	275.2	18.0*	17.9	-1.6	492.9	999.9	99.9	999.9	164.2	88.
81.4	152.0	20138.4	51.0	-61.4	99.5	87.2	6.4*	-6.4	-0.3	496.0	999.9	99.9	999.9	164.3	88.
82.4	153.0	20513.5	48.0	-62.5	99.5	267.0	19.8*	19.5	1.0	502.1	999.9	99.9	999.9	164.3	88.
83.5	154.0	20776.7	46.0	-61.6	99.9	259.4	31.8*	31.2	5.9	510.4	999.9	99.9	999.9	166.3	88.
84.5	155.0	21051.6	44.0	-62.5	99.9	254.0	20.7*	19.9	5.7	514.8	999.9	99.9	999.9	168.3	87.
85.7	156.0	21338.2	42.0	-63.2	99.9	256.3	20.5*	19.9	4.9	519.9	999.9	99.9	999.9	168.4	87.
86.8	157.0	21794.6	39.0	-62.6	99.9	265.3	38.0*	37.8	3.1	532.4	999.9	99.9	999.9	171.3	87.
88.1	158.0	22118.8	37.0	-63.2	99.9	268.2	30.5*	30.5	1.0	539.1	999.9	99.9	999.9	173.8	87.
89.4	159.0	22460.3	35.0	-63.5	99.5	254.3	33.2*	32.0	0.0	546.8	999.9	99.9	999.9	176.2	87.
90.7	160.0	22822.3	33.0	-62.6	99.5	258.2	39.0*	38.2	0.0	558.5	999.9	99.9	999.9	178.9	87.
92.2	161.0	23410.5	30.0	-62.3	99.9	274.6	16.9*	16.9	-1.4	574.9	999.9	99.9	999.9	182.0	87.
93.6	162.0	23837.7	28.0	-61.2	99.9	267.6	30.8*	30.8	1.3	589.2	999.9	99.9	999.9	183.6	87.
95.4	163.0	24298.6	26.0	-60.4	99.9	259.3	32.2	31.6	6.0	604.3	999.9	99.9	999.9	186.9	87.
97.1	164.0	24799.8	24.0	-58.4	99.9	999.9	99.9	99.9	99.9	624.1	999.9	99.9	999.9	999.9	999.

These data were computed by the  
National Weather Service using a  
scheme different from that used in  
the AVE reduction process.

Ft. Totten, N. Y.  
February 5, 1975 at 2315 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	5.0	10	36.00	59.0	256
.25	4.5	360	37.00	57.5	252
.50	7.5	11	38.00	56.0	250
.75	8.5	25	39.00	59.0	249
1.00	9.0	26	40.00	62.0	252
1.25	8.5	26	41.00	58.0	257
1.50	9.5	45	42.00	53.5	256
1.75	11.5	48	43.00	52.5	253
2.00	12.0	64	44.00	54.0	251
2.25	14.5	74	45.00	51.5	257
2.50	14.0	89	46.00	48.5	260
2.75	11.0	93	47.00	49.5	255
3.00	10.0	104	48.00	52.5	254
4.00	3.5	110	49.00	49.5	255
5.00	1.0	207	50.00	47.0	261
6.00	4.5	301	51.00	45.0	258
7.00	6.0	315	52.00	45.0	257
8.00	6.5	269	53.00	43.5	258
9.00	13.5	254	54.00	43.0	260
10.00	14.0	255	55.00	46.5	260
11.00	13.5	253	56.00	51.5	265
12.00	17.0	252	57.00	46.0	266
13.00	22.0	248	58.00	45.0	272
14.00	23.0	244	59.00	41.0	280
15.00	25.5	250	60.00	33.5	275
16.00	26.5	253	61.00	33.0	272
17.00	26.5	254	62.00	33.0	269
18.00	27.0	256	63.00	32.0	272
19.00	29.0	255	64.00	32.0	268
20.00	31.0	253	65.00	30.0	267
21.00	33.5	248	66.00	34.5	272
22.00	35.0	244	67.00	32.0	266
23.00	36.5	246	68.00	34.0	273
24.00	38.5	247	69.00	34.5	268
25.00	41.0	248	70.00	31.5	263
26.00	45.0	250	71.00	31.5	271
27.00	50.0	250	72.00	31.5	271
28.00	52.0	249	73.00	31.5	275
29.00	53.0	252	74.00	32.5	280
30.00	54.0	252	75.00	31.0	278
31.00	54.0	252	76.00	29.0	275
32.00	55.5	252	77.00	29.5	262
33.00	58.0	252	78.00	32.0	273
34.00	59.0	254	79.00	31.0	265
35.00	60.5	256	80.00	28.5	267

Ft. Totten, N. Y.  
February 5, 1975 at 2315 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	33.0	264
82.00	37.0	269
83.00	40.5	273
84.00	45.5	274
85.00	50.5	274
86.00	52.0	284
87.00	54.0	293
88.00	60.5	298
89.00	58.0	295
90.00	56.0	292



Ft. Totten, N. Y.  
February 6, 1975 at 0515 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	3.1	333	36.00	68.4	247
.50	3.8	351	37.00	73.5	247
.75	3.4	16	38.00	71.1	251
1.00	3.1	5	39.00	66.8	256
1.25	1.6	14	40.00	59.1	255
1.50	2.5	353	41.00	52.8	250
1.75	2.3	62	42.00	52.6	250
2.00	2.7	125	43.00	53.0	249
2.25	5.1	170	44.00	53.7	250
2.50	2.9	209	45.00	55.2	253
2.75	4.6	225	46.00	56.1	256
3.00	4.6	220	47.00	52.3	253
4.00	5.8	248	48.00	47.6	251
5.00	5.8	232	49.00	49.4	255
6.00	8.6	228	50.00	48.0	268
7.00	10.9	234	51.00	37.2	248
8.00	13.5	231	52.00	40.1	251
9.00	17.5	230	53.00	40.8	250
10.00	21.2	230	54.00	41.3	257
11.00	21.7	234	55.00	40.8	260
12.00	22.5	241	56.00	38.8	266
13.00	21.7	247	57.00	35.2	282
14.00	22.4	246	58.00	31.0	215
15.00	22.1	247	59.00	37.6	210
16.00	21.7	245	60.00	38.6	213
17.00	22.1	239	61.00	36.4	212
18.00	23.5	235	62.00	28.3	230
19.00	28.7	236	63.00	40.7	290
20.00	35.4	242	64.00	31.4	271
21.00	41.5	252	65.00	28.1	253
22.00	47.7	255	66.00	38.5	288
23.00	52.6	255	67.00	27.2	227
24.00	56.4	254	68.00	37.8	205
25.00	56.6	253	69.00	29.2	216
26.00	56.5	249	70.00	34.5	287
27.00	57.2	248	71.00	27.1	260
28.00	57.9	248	72.00	27.5	252
29.00	58.4	248	73.00	35.1	286
30.00	59.4	248	74.00	28.7	247
31.00	61.0	247	75.00	30.1	264
32.00	59.7	247	76.00	34.6	279
33.00	58.6	246	77.00	29.1	262
34.00	57.2	244	78.00	28.7	241
35.00	60.5	244			

Ft. Totten, N. Y.  
February 6, 1975 at 1115 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	5.0	240	36.00	62.0	243
.25	4.5	236	37.00	64.5	246
.50	7.5	256	38.00	61.0	253
.75	8.5	254	39.00	51.5	256
1.00	8.5	246	40.00	45.5	250
1.25	7.5	255	41.00	45.5	248
1.50	9.0	261	42.00	49.0	248
1.75	7.5	255	43.00	53.0	247
2.00	9.0	260	44.00	54.5	250
2.25	9.5	268	45.00	55.5	254
2.50	10.0	275	46.00	51.0	254
2.75	11.0	272	47.00	46.0	256
3.00	12.0	290	48.00	47.5	264
4.00	12.5	286	49.00	51.0	272
5.00	17.5	284	50.00	52.5	280
6.00	18.5	281	51.00	54.5	289
7.00	19.5	272	52.00	46.0	284
8.00	22.0	269	53.00	43.0	275
9.00	22.5	271	54.00	40.0	267
10.00	22.5	263	55.00	37.5	258
11.00	22.0	256	56.00	34.5	265
12.00	24.0	251	57.00	33.0	272
13.00	27.0	246	58.00	30.0	268
14.00	30.0	245	59.00	27.0	265
15.00	31.0	248	60.00	25.0	260
16.00	31.5	249	61.00	23.5	256
17.00	32.5	245	62.00	26.5	258
18.00	38.0	242	63.00	30.0	260
19.00	38.5	239	64.00	33.0	265
20.00	38.0	246	65.00	32.0	264
21.00	41.5	252	66.00	29.5	264
22.00	44.0	256	67.00	29.0	264
23.00	52.0	256	68.00	29.0	263
24.00	59.0	252	69.00	30.0	268
25.00	60.5	248	70.00	30.5	273
26.00	60.5	247	71.00	34.0	274
27.00	61.0	247	72.00	36.5	274
28.00	62.0	246	73.00	32.5	273
29.00	63.5	242	74.00	28.5	272
30.00	64.0	243	75.00	27.0	275
31.00	64.5	242	76.00	26.0	279
32.00	67.0	244			
33.00	69.5	245			
34.00	71.0	249			
35.00	66.0	248			

Ft. Totten, N. Y.  
February 6, 1975 at 1415 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	6.3	247	36.00	69.2	244
.50	8.1	246	37.00	66.2	247
.75	8.8	252	38.00	61.9	252
1.00	11.1	265	39.00	49.9	251
1.25	10.8	257	40.00	43.4	252
1.50	12.2	262	41.00	45.0	233
1.75	14.3	269	42.00	52.6	244
2.00	16.7	275	43.00	54.3	240
2.25	17.6	272	44.00	52.5	243
2.50	18.8	279	45.00	51.3	248
2.75	18.2	276	46.00	47.8	247
3.00	18.9	279	47.00	44.6	243
4.00	18.7	288	48.00	43.9	234
5.00	20.2	284	49.00	44.3	243
6.00	23.0	279	50.00	44.5	243
7.00	21.6	275	51.00	41.0	248
8.00	21.8	267	52.00	37.6	247
9.00	22.7	262	53.00	37.0	246
10.00	24.9	262	54.00	36.5	252
11.00	25.4	260	55.00	32.6	263
12.00	26.2	257	56.00	29.7	249
13.00	28.2	257	57.00	30.0	254
14.00	29.9	259	58.00	28.2	253
15.00	30.4	257	59.00	25.4	263
16.00	32.9	255	60.00	22.6	241
17.00	34.0	254	61.00	24.7	250
18.00	34.2	251	62.00	27.0	244
19.00	35.6	252	63.00	33.3	287
20.00	41.6	250	64.00	27.1	247
21.00	46.6	249	65.00	32.3	262
22.00	53.7	249	66.00	30.2	259
23.00	60.5	248	67.00	28.7	266
24.00	63.7	246	68.00	25.8	259
25.00	67.8	246	69.00	23.3	250
26.00	74.1	246	70.00	29.4	273
27.00	80.7	245	71.00	26.7	250
28.00	82.6	247	72.00	28.7	259
29.00	82.1	243	73.00	34.0	267
30.00	83.2	245	74.00	29.0	255
31.00	80.6	247			
32.00	76.9	249			
33.00	70.0	248			
34.00	69.7	243			
35.00	68.1	243			

Ft. Totten, N. Y.  
February 6, 1975 at 1715 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	7.2	226	36.00	64.1	247
.50	7.7	256	37.00	61.9	242
.75	6.3	238	38.00	64.0	243
1.00	7.6	247	39.00	67.8	242
1.25	10.9	251	40.00	68.1	246
1.50	12.0	262	41.00	64.8	249
1.75	17.3	269	42.00	61.7	251
2.00	17.7	267	43.00	54.8	251
2.25	17.5	267	44.00	52.1	250
2.50	18.8	271	45.00	51.3	246
2.75	18.6	269	46.00	51.6	240
3.00	21.5	271	47.00	51.0	242
4.00	22.2	267	48.00	53.3	243
5.00	22.9	269	49.00	55.7	249
6.00	23.0	272	50.00	55.3	256
7.00	22.2	275	51.00	44.1	251
8.00	21.8	271	52.00	39.0	234
9.00	22.6	262	53.00	37.7	240
10.00	24.1	259	54.00	39.8	237
11.00	25.1	257	55.00	40.6	244
12.00	24.6	256	56.00	41.4	242
13.00	25.0	254	57.00	43.6	236
14.00	26.6	255	58.00	51.6	298
15.00	26.9	256			
16.00	27.4	257			
17.00	27.2	258			
18.00	27.6	262			
19.00	28.2	261			
20.00	29.7	257			
21.00	33.5	253			
22.00	35.7	249			
23.00	40.3	253			
24.00	46.5	252			
25.00	55.2	252			
26.00	66.2	252			
27.00	77.8	252			
28.00	82.9	250			
29.00	84.4	247			
30.00	84.6	246			
31.00	83.9	246			
32.00	83.3	246			
33.00	80.7	247			
34.00	74.7	247			
35.00	68.5	246			

Ft. Totten, N. Y.  
February 6, 1975 at 2015 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	8.5	261	36.00	62.8	248
.50	8.9	263	37.00	61.5	248
.75	8.6	261	38.00	61.7	249
1.00	9.5	261	39.00	61.6	249
1.25	11.7	269	40.00	58.9	247
1.50	10.8	265	41.00	59.0	248
1.75	11.5	277	42.00	60.0	248
2.00	10.5	265	43.00	59.2	247
2.25	13.1	273	44.00	59.2	253
2.50	14.2	276	45.00	58.0	254
2.75	12.2	283	46.00	56.5	248
3.00	14.9	280	47.00	54.5	245
4.00	14.8	288	48.00	55.0	241
5.00	17.7	290	49.00	57.8	248
6.00	19.1	285	50.00	53.8	257
7.00	19.3	279	51.00	42.7	249
8.00	20.6	275	52.00	38.4	241
9.00	21.8	268	53.00	37.2	248
10.00	23.1	262	54.00	35.5	241
11.00	22.9	259	55.00	35.6	239
12.00	23.7	258	56.00	37.9	248
13.00	24.7	259	57.00	37.4	248
14.00	25.2	263	58.00	35.5	251
15.00	25.2	263	59.00	31.3	254
16.00	25.9	264	60.00	28.8	251
17.00	25.8	263	61.00	32.3	256
18.00	26.3	263	62.00	30.9	246
19.00	26.8	265	63.00	32.8	247
20.00	26.3	265	64.00	33.9	248
21.00	27.1	265	65.00	30.5	242
22.00	36.3	261	66.00	30.7	252
23.00	47.8	261	67.00	31.1	246
24.00	59.7	262	68.00	32.2	246
25.00	69.8	261	69.00	32.4	254
26.00	75.7	258	70.00	29.4	255
27.00	78.5	256	71.00	30.4	257
28.00	79.6	256	72.00	26.3	262
29.00	82.3	256	73.00	22.4	250
30.00	82.4	253	74.00	24.5	258
31.00	84.1	253	75.00	27.4	251
32.00	85.3	254	76.00	28.8	261
33.00	80.8	254	77.00	26.7	254
34.00	70.4	255	78.00	28.2	248
35.00	65.6	252	79.00	31.4	255
			80.00	31.6	257

Ft. Totten, N. Y.  
February 6, 1975 at 2015 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	31.5	250
82.00	33.1	261
83.00	31.2	263
84.00	29.6	252
85.00	32.8	272
86.00	28.5	240
87.00	30.2	256
88.00	33.5	250
89.00	32.0	254
90.00	32.2	244
91.00	38.4	259
92.00	41.1	256

Ft. Totten, N. Y.  
February 6, 1975 at 2315 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	6.5	260	36.00	81.0	247
.25	8.0	257	37.00	79.5	246
.50	10.0	253	38.00	79.5	246
.75	10.0	252	39.00	77.5	250
1.00	9.0	260	40.00	68.0	250
1.25	10.0	274	41.00	64.5	251
1.50	9.5	260	42.00	61.5	253
1.75	9.0	261	43.00	58.5	250
2.00	10.0	274	44.00	58.0	248
2.25	9.5	268	45.00	58.0	249
2.50	11.5	286	46.00	56.5	247
2.75	12.0	291	47.00	54.5	248
3.00	9.5	285	48.00	54.5	251
4.00	10.5	293	49.00	51.0	254
5.00	11.0	303	50.00	46.5	253
6.00	12.0	301	51.00	45.5	252
7.00	13.0	285	52.00	49.0	252
8.00	13.0	265	53.00	49.0	251
9.00	15.0	262	54.00	48.0	248
10.00	16.0	257	55.00	47.5	247
11.00	16.0	253	56.00	47.5	247
12.00	17.0	252	57.00	46.0	247
13.00	17.5	256	58.00	40.5	251
14.00	18.0	257	59.00	36.0	244
15.00	20.0	256	60.00	37.0	238
16.00	22.0	255	61.00	33.5	240
17.00	23.5	257	62.00	32.5	237
18.00	24.5	256	63.00	34.0	244
19.00	25.5	258	64.00	32.5	246
20.00	26.5	260	65.00	31.0	248
21.00	27.5	261	66.00	28.5	246
22.00	29.0	261	67.00	28.0	251
23.00	32.5	262	68.00	30.5	245
24.00	34.0	261	69.00	33.0	251
25.00	36.0	256	70.00	31.5	253
26.00	42.0	250	71.00	31.0	256
27.00	51.0	253	72.00	31.5	251
28.00	60.5	255	73.00	28.5	253
29.00	68.5	252	74.00	30.0	246
30.00	72.5	250	75.00	31.0	248
31.00	76.0	250	76.00	31.0	255
32.00	77.5	248	77.00	30.5	255
33.00	80.5	247	78.00	29.5	256
34.00	81.5	247	79.00	28.5	256
35.00	81.0	247	80.00	28.0	257

Ft. Totten, N. Y.  
February 6, 1975 at 2315 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	25.0	255
82.00	23.5	254
83.00	23.5	254
84.00	20.5	250
85.00	23.5	230
86.00	26.5	235
87.00	28.5	233
88.00	30.5	230
89.00	30.5	243
90.00	35.0	239



Ft. Totten, N. Y.  
February 7, 1975 at 0515 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	3.4	289	36.00	75.6	238
.50	4.8	287	37.00	72.8	238
.75	4.5	289	38.00	71.9	239
1.00	6.4	307	39.00	73.2	239
1.25	4.2	300	40.00	73.8	237
1.50	3.5	278	41.00	77.8	237
1.75	6.2	290	42.00	74.7	238
2.00	6.4	309	43.00	69.8	239
2.25	5.7	294	44.00	70.0	241
2.50	7.8	291	45.00	66.5	245
2.75	8.0	301	46.00	61.2	249
3.00	9.0	293	47.00	57.9	251
4.00	8.0	286	48.00	56.2	255
5.00	6.5	283	49.00	51.0	252
6.00	5.7	268	50.00	49.6	251
7.00	9.8	277	51.00	45.4	252
8.00	18.0	271	52.00	43.2	254
9.00	20.9	258	53.00	39.2	253
10.00	20.4	244	54.00	35.8	249
11.00	21.4	237	55.00	34.9	234
12.00	22.6	234	56.00	37.2	228
13.00	21.1	231	57.00	40.2	225
14.00	19.2	239	58.00	39.7	238
15.00	20.4	244	59.00	40.1	240
16.00	25.0	244	60.00	38.7	246
17.00	27.2	246	61.00	39.1	246
18.00	27.2	245	62.00	42.5	245
19.00	28.1	243	63.00	39.2	249
20.00	30.1	243	64.00	36.0	248
21.00	31.9	244	65.00	32.7	243
22.00	35.9	248	66.00	30.7	252
23.00	39.1	247	67.00	30.3	235
24.00	41.9	245	68.00	31.6	249
25.00	45.5	246	69.00	32.1	259
26.00	47.5	245	70.00	31.0	248
27.00	48.4	241	71.00	31.8	257
28.00	55.6	239	72.00	28.7	267
29.00	64.3	240	73.00	22.6	257
30.00	71.0	239	74.00	24.3	255
31.00	74.0	238	75.00	24.2	239
32.00	78.9	237	76.00	27.2	248
33.00	82.0	237	77.00	27.9	250
34.00	81.5	238	78.00	26.5	259
35.00	79.3	238	79.00	26.3	257
			80.00	27.0	252

Ft. Totten, N. Y.  
February 7, 1975 at 0515 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	27.3	251
82.00	27.7	243
83.00	30.1	238
84.00	30.2	247
85.00	31.3	257
86.00	30.8	249
87.00	31.6	241
88.00	34.9	250
89.00	35.3	255
90.00	34.6	250
91.00	34.2	254
92.00	32.9	262
93.00	29.2	259
94.00	27.5	257
95.00	28.4	263
96.00	25.4	255
97.00	25.2	245
98.00	27.7	261
99.00	32.6	241
100.00	35.6	280

Ft. Totten, N. Y.  
February 7, 1975 at 1115 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	4.0	320	36.00	48.5	237
.25	3.5	329	37.00	50.5	236
.50	4.5	324	38.00	53.5	238
.75	4.5	324	39.00	54.0	241
1.00	5.0	332	40.00	50.0	241
1.25	6.0	325	41.00	49.0	237
1.50	6.0	330	42.00	50.0	240
1.75	6.0	328	43.00	44.5	240
2.00	6.0	338	44.00	48.0	242
2.25	6.0	341	45.00	50.0	245
2.50	7.0	338	46.00	46.0	251
2.75	7.0	344	47.00	48.0	251
3.00	7.0	342	48.00	40.1	251
4.00	5.0	330	49.00	39.5	250
5.00	5.0	317	50.00	38.5	252
6.00	5.0	306	51.00	38.0	251
7.00	4.5	309	52.00	39.5	253
8.00	8.0	292	53.00	37.5	252
9.00	13.5	281	54.00	35.0	246
10.00	12.5	275	55.00	35.0	248
11.00	13.0	266	56.00	38.5	243
12.00	15.0	258	57.00	31.0	245
13.00	16.0	261	58.00	27.5	242
14.00	16.0	263	59.00	28.5	240
15.00	16.5	262	60.00	30.5	247
16.00	17.5	260	61.00	29.0	254
17.00	18.0	256	62.00	29.0	251
18.00	19.0	253	63.00	32.0	249
19.00	20.5	251	64.00	32.5	253
20.00	22.0	245	65.00	31.5	256
21.00	23.5	243	66.00	30.0	257
22.00	22.5	249	67.00	26.5	259
23.00	22.5	249	68.00	25.5	261
24.00	24.0	249	69.00	25.5	262
25.00	27.0	248	70.00	23.0	264
26.00	35.0	244	71.00	20.0	294
27.00	38.0	242	72.00	31.0	332
28.00	40.5	237	73.00	26.0	226
29.00	42.5	239	74.00	23.5	248
30.00	46.0	238	75.00	23.5	250
31.00	48.5	237	76.00	26.0	252
32.00	53.0	237	77.00	28.5	252
33.00	58.0	235	78.00	24.5	248
34.00	56.0	238	79.00	30.5	265
35.00	51.0	238	80.00	27.0	252
			81.00	26.5	250
			82.00	26.5	257
			83.00	26.0	252
			84.00	31.0	256

Ft. Totten, N. Y.  
February 7, 1975 at 1115 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
85.00	34.0	257
86.00	34.5	259
87.00	32.0	253
88.00	34.0	256
89.00	33.5	256
90.00	34.0	257
91.00	35.0	248
92.00	38.5	272
93.00	34.0	262

Wallops Island, Virginia  
February 5, 1975 at 2315 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	4.5	285	36.00	57.5	248
.25	5.5	288	37.00	61.0	249
.50	7.0	291	38.00	66.5	246
.75	8.0	294	39.00	73.5	247
1.00	8.5	292	40.00	77.0	246
1.25	9.0	299	41.00	75.5	247
1.50	4.5	311	42.00	66.5	249
1.75	5.5	280	43.00	60.5	253
2.00	7.0	248	44.00	59.5	255
2.25	8.0	247	45.00	54.5	259
2.50	9.5	247	46.00	50.0	257
2.75	9.0	241	47.00	51.5	257
3.00	11.0	242	48.00	53.5	257
4.00	12.0	244	49.00	53.0	257
5.00	15.0	245	50.00	52.5	259
6.00	17.0	247	51.00	51.0	255
7.00	19.5	249	52.00	51.0	251
8.00	23.0	249	53.00	51.5	255
9.00	23.5	248	54.00	55.0	255
10.00	23.5	246	55.00	49.0	257
11.00	24.0	242	56.00	46.5	258
12.00	26.5	245	57.00	46.0	255
13.00	26.5	247	58.00	46.0	254
14.00	28.5	245	59.00	41.5	254
15.00	30.5	247	60.00	37.0	254
16.00	31.5	247	61.00	32.5	253
17.00	31.5	243	62.00	28.0	253
18.00	32.0	248	63.00	27.5	258
19.00	35.0	248	64.00	28.5	258
20.00	37.0	246	65.00	29.0	259
21.00	40.0	251	66.00	30.0	259
22.00	41.0	252	67.00	29.5	264
23.00	42.0	252	68.00	28.0	273
24.00	43.5	252	69.00	26.0	272
25.00	44.5	249	70.00	24.5	271
26.00	45.5	248	71.00	25.0	271
27.00	46.0	250	72.00	25.5	271
28.00	46.5	249	73.00	25.5	271
29.00	46.0	248	74.00	26.0	271
30.00	46.0	248	75.00	24.0	272
31.00	46.0	248	76.00	21.5	272
32.00	49.0	248	77.00	19.5	273
33.00	51.5	248	78.00	21.5	251
34.00	54.0	247	79.00	26.0	252
35.00	56.5	249	80.00	28.0	264

Wallops Island, Virginia  
February 5, 1975 at 2315 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	24.0	265
82.00	24.5	264
83.00	28.5	257
84.00	30.0	259
85.00	29.5	250
86.00	33.0	254
87.00	33.0	250
88.00	35.0	259
89.00	32.0	258
90.00	28.5	256
91.00	25.5	255

Wallops Island, Virginia  
February 6, 1975 at 0515 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	9.9	283	36.00	67.6	238
.50	8.7	240	37.00	69.8	242
.75	9.8	242	38.00	74.7	243
1.00	13.1	252	39.00	75.5	242
1.25	13.4	251	40.00	75.9	243
1.50	14.9	256	41.00	71.9	249
1.75	14.8	255	42.00	67.0	255
2.00	15.7	255	43.00	60.3	255
2.25	17.3	261	44.00	56.4	253
2.50	17.2	261	45.00	53.8	252
2.75	19.2	276	46.00	56.1	252
3.00	24.6	284	47.00	57.0	251
4.00	21.0	279	48.00	55.9	252
5.00	21.2	275	49.00	55.5	251
6.00	23.8	260	50.00	57.2	253
7.00	25.2	253	51.00	54.5	256
8.00	26.5	254	52.00	49.0	256
9.00	31.7	254	53.00	48.0	251
10.00	34.8	254	54.00	51.6	252
11.00	35.7	250	55.00	48.9	258
12.00	36.9	248	56.00	46.6	254
13.00	36.2	240	57.00	41.2	245
14.00	30.9	238	58.00	45.3	259
15.00	29.6	248	59.00	39.6	262
16.00	30.1	259	60.00	32.0	267
17.00	37.3	265	61.00	27.0	252
18.00	43.7	263	62.00	30.7	250
19.00	45.4	259	63.00	28.9	253
20.00	46.1	257	64.00	27.2	247
21.00	46.7	254	65.00	24.9	253
22.00	45.8	253	66.00	26.5	256
23.00	47.0	252	67.00	27.0	259
24.00	47.1	252	68.00	27.8	260
25.00	47.6	252	69.00	25.7	265
26.00	49.1	252	70.00	26.2	271
27.00	50.8	250	71.00	23.8	254
28.00	52.6	250	72.00	23.4	260
29.00	54.2	249	73.00	22.6	257
30.00	55.7	249	74.00	25.3	267
31.00	57.7	251	75.00	23.0	265
32.00	58.6	250	76.00	19.9	251
33.00	61.3	247	77.00	25.0	253
34.00	63.4	246	78.00	26.3	264
35.00	65.3	242	79.00	23.9	264
			80.00	27.3	259

Wallops Island, Virginia  
February 6, 1975 at 0515 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	27.4	259
82.00	30.9	267
83.00	34.1	263
84.00	31.8	271
85.00	27.9	265
86.00	34.0	267
87.00	36.7	261
88.00	38.1	268
89.00	35.1	271
90.00	32.2	265
91.00	32.2	265



Wallops Island, Virginia  
February 6, 1975 at 1115 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	4.0	230	36.00	63.5	243
.25	5.5	231	37.00	64.5	245
.50	6.5	232	38.00	63.5	247
.75	8.0	233	39.00	63.5	248
1.00	9.5	234	40.00	64.0	244
1.25	11.0	248	41.00	67.5	243
1.50	12.0	257	42.00	65.0	244
1.75	15.5	266	43.00	65.5	246
2.00	17.5	252	44.00	66.0	246
2.25	18.0	271	45.00	62.5	249
2.50	17.5	272	46.00	57.0	250
2.75	17.0	272	47.00	56.0	247
3.00	15.5	269	48.00	56.5	248
4.00	15.0	272	49.00	55.0	250
5.00	14.5	275	50.00	53.5	250
6.00	15.5	272	51.00	51.5	250
7.00	18.5	258	52.00	52.5	251
8.00	19.0	260	53.00	49.5	251
9.00	20.5	259	54.00	45.5	247
10.00	26.0	254	55.00	47.0	242
11.00	31.5	249	56.00	50.0	241
12.00	35.0	248	57.00	48.5	245
13.00	38.5	248	58.00	47.5	249
14.00	41.0	247	59.00	44.5	249
15.00	41.0	248	60.00	42.5	250
16.00	41.5	250	61.00	40.5	249
17.00	42.0	251	62.00	39.0	248
18.00	45.5	253	63.00	39.0	248
19.00	45.5	252	64.00	39.5	253
20.00	46.5	250	65.00	34.5	254
21.00	48.5	250	66.00	31.5	249
22.00	50.0	246	67.00	32.5	250
23.00	50.5	246	68.00	29.0	244
24.00	51.5	249	69.00	28.0	246
25.00	54.0	250	70.00	26.0	249
26.00	56.5	250	71.00	23.0	262
27.00	59.0	249	72.00	24.0	263
28.00	60.5	246	73.00	25.5	264
29.00	58.0	244	74.00	27.0	264
30.00	59.0	246	75.00	28.0	265
31.00	62.0	248	76.00	25.5	262
32.00	63.5	247	77.00	23.0	259
33.00	63.5	245	78.00	20.5	256
34.00	63.0	244	79.00	23.0	258
35.00	63.5	244	80.00	25.0	259

Wallops Island, Virginia  
February 6, 1975 at 1115 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	27.5	261
82.00	27.0	263
83.00	26.5	265
84.00	25.5	266
85.00	25.0	268
86.00	28.0	267
87.00	28.0	260
88.00	28.5	260
89.00	29.0	259
90.00	29.5	259
91.00	30.0	258
92.00	31.0	258
93.00	34.5	258
94.00	34.0	265
95.00	33.5	272
96.00	33.5	272
97.00	32.5	270

Wallops Island, Virginia  
February 6, 1975 at 1415 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	16.7	272	36.00	68.5	242
.50	7.3	231	37.00	68.6	244
.75	7.9	234	38.00	67.5	244
1.00	9.0	240	39.00	67.1	242
1.25	13.3	251	40.00	67.5	241
1.50	15.8	263	41.00	71.1	242
1.75	17.3	268	42.00	72.0	248
2.00	17.6	275	43.00	66.1	254
2.25	17.3	277	44.00	62.3	246
2.50	18.0	278	45.00	65.2	243
2.75	16.7	277	46.00	63.1	247
3.00	15.6	280	47.00	56.9	247
4.00	15.2	277	48.00	55.6	245
5.00	16.4	280	49.00	56.5	247
6.00	16.9	276	50.00	52.9	250
7.00	19.2	271	51.00	52.6	247
8.00	20.3	266	52.00	51.3	248
9.00	20.0	262	53.00	49.4	248
10.00	21.3	254	54.00	50.7	243
11.00	25.0	253	55.00	51.1	249
12.00	28.2	256	56.00	42.6	245
13.00	29.6	257	57.00	38.6	239
14.00	33.2	256	58.00	37.8	243
15.00	37.0	250	59.00	38.0	247
16.00	39.8	244	60.00	35.1	245
17.00	38.8	244	61.00	36.4	248
18.00	40.9	250	62.00	34.0	240
19.00	47.1	252	63.00	34.3	245
20.00	50.5	249	64.00	29.5	260
21.00	52.4	250	65.00	27.4	249
22.00	55.4	251	66.00	24.7	242
23.00	58.6	251	67.00	24.5	242
24.00	59.0	250	68.00	24.8	255
25.00	59.6	251	69.00	23.3	259
26.00	61.8	253	70.00	27.4	262
27.00	63.6	252	71.00	26.8	264
28.00	64.3	250	72.00	22.1	267
29.00	64.6	248	73.00	17.8	251
30.00	65.2	246	74.00	22.7	231
31.00	64.5	243	75.00	25.4	244
32.00	66.1	244	76.00	26.3	250
33.00	67.8	243	77.00	27.0	264
34.00	69.7	243	78.00	25.1	269
35.00	69.2	242	79.00	25.2	265
			80.00	25.6	265

Wallops Island, Virginia  
February 6, 1975 at 1415 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	23.8	260
82.00	24.9	258
83.00	25.0	250
84.00	25.6	255
85.00	26.5	251
86.00	29.4	256
87.00	25.6	256
88.00	32.3	268
89.00	29.1	254
90.00	37.6	273
91.00	24.9	253
92.00	32.8	265
93.00	29.6	247
94.00	31.8	251
95.00	32.2	243
96.00	46.0	271
97.00	39.2	276
98.00	25.3	236
99.00	22.1	235
100.00	18.3	241

Wallops Island, Virginia  
February 6, 1975 at 1715 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	5.0	235	36.00	68.5	243
.25	6.0	228	37.00	67.0	244
.50	7.5	221	38.00	66.5	244
.75	7.5	255	39.00	68.0	239
1.00	5.5	248	40.00	70.5	238
1.25	9.5	271	41.00	75.5	240
1.50	11.5	267	42.00	74.5	246
1.75	11.5	257	43.00	72.5	252
2.00	14.0	277	44.00	66.5	255
2.25	12.0	272	45.00	60.5	249
2.50	13.5	274	46.00	59.5	247
2.75	12.5	277	47.00	61.0	245
3.00	12.5	276	48.00	65.5	247
4.00	15.0	282	49.00	61.0	248
5.00	14.5	279	50.00	56.5	247
6.00	14.0	277	51.00	55.0	244
7.00	15.0	272	52.00	57.0	247
8.00	18.0	267	53.00	55.5	249
9.00	21.0	261	54.00	53.5	243
10.00	26.5	261	55.00	51.5	246
11.00	29.5	259	56.00	49.0	245
12.00	31.0	254	57.00	50.0	247
13.00	31.5	254	58.00	42.5	249
14.00	32.5	256	59.00	37.5	245
15.00	33.0	253	60.00	34.5	247
16.00	35.5	255	61.00	34.5	245
17.00	35.5	258	62.00	38.0	250
18.00	37.0	253	63.00	33.0	250
19.00	44.0	252	64.00	29.0	239
20.00	52.5	252	65.00	32.0	255
21.00	56.0	250	66.00	28.0	259
22.00	55.5	249	67.00	25.0	245
23.00	57.5	253	68.00	22.5	236
24.00	60.0	254	69.00	28.0	246
25.00	61.0	252	70.00	28.5	251
26.00	62.0	249	71.00	25.5	251
27.00	62.5	247	72.00	26.5	258
28.00	63.0	245	73.00	23.5	267
29.00	63.5	244	74.00	20.5	263
30.00	64.0	245	75.00	18.0	253
31.00	67.0	244	76.00	20.5	241
32.00	67.5	242	77.00	24.5	251
33.00	67.0	242	78.00	27.0	261
34.00	68.0	245	79.00	23.5	262
35.00	68.5	243	80.00	24.5	252
			81.00	26.0	251
			82.00	25.0	253
			83.00	28.5	259

Wallops Island, Virginia  
February 6, 1975 at 2015 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	11.9	267	36.00	73.1	247
.50	8.0	255	37.00	74.1	245
.75	8.0	262	38.00	72.5	245
1.00	8.4	254	39.00	74.2	239
1.25	8.1	260	40.00	76.6	241
1.50	7.7	255	41.00	80.8	245
1.75	8.5	267	42.00	81.9	252
2.00	8.8	267	43.00	73.5	256
2.25	9.6	266	44.00	67.5	253
2.50	10.7	269	45.00	64.6	252
2.75	9.5	273	46.00	64.0	248
3.00	9.1	273	47.00	64.5	245
4.00	8.9	281	48.00	62.5	245
5.00	6.3	282	49.00	60.5	248
6.00	8.1	274	50.00	55.4	249
7.00	10.7	268	51.00	51.7	247
8.00	12.8	257	52.00	45.7	247
9.00	16.4	251	53.00	45.8	243
10.00	20.9	258	54.00	48.6	244
11.00	23.6	258	55.00	43.1	250
12.00	25.9	254	56.00	39.1	249
13.00	28.4	255	57.00	34.8	247
14.00	26.9	258	58.00	31.9	252
15.00	27.0	258	59.00	28.2	256
16.00	27.2	253	60.00	27.4	255
17.00	28.1	251	61.00	24.9	252
18.00	32.2	252	62.00	27.6	237
19.00	40.4	255	63.00	29.0	242
20.00	47.4	254	64.00	30.3	247
21.00	52.2	251	65.00	27.5	250
22.00	56.1	249	66.00	24.8	253
23.00	57.8	249	67.00	24.3	248
24.00	58.5	249	68.00	26.1	255
25.00	59.8	250	69.00	22.6	262
26.00	62.3	249	70.00	20.2	256
27.00	63.4	248	71.00	21.4	275
28.00	66.7	248	72.00	18.2	241
29.00	70.9	249	73.00	28.6	259
30.00	71.3	249	74.00	23.6	249
31.00	72.1	249	75.00	21.8	258
32.00	71.2	248	76.00	26.9	255
33.00	71.7	248	77.00	25.4	242
34.00	71.3	248	78.00	28.2	239
35.00	71.5	250	79.00	33.0	252
			80.00	34.2	259

Wallops Island, Virginia  
February 6, 1975 at 2015 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	34.7	254
82.00	34.0	251
83.00	33.5	264
84.00	33.9	257
85.00	37.1	248
86.00	36.9	250
87.00	35.7	252
88.00	34.4	252
89.00	37.9	251
90.00	46.4	262

Wallops Island, Virginia  
February 6, 1975 at 2315 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	2.0	280	36.00	69.5	245
.25	3.0	288	37.00	68.0	246
.50	4.0	296	38.00	71.0	242
.75	4.0	293	39.00	74.0	244
1.00	4.0	289	40.00	78.5	244
1.25	5.5	269	41.00	82.0	245
1.50	5.5	257	42.00	83.0	250
1.75	6.0	257	43.00	73.5	255
2.00	6.0	257	44.00	67.0	256
2.25	6.0	257	45.00	63.5	257
2.50	6.0	257	46.00	61.5	256
2.75	6.0	257	47.00	57.0	250
3.00	7.5	253	48.00	58.0	247
4.00	7.0	257	49.00	58.5	244
5.00	8.5	250	50.00	57.0	246
6.00	10.0	249	51.00	54.0	246
7.00	11.0	248	52.00	52.0	245
8.00	13.0	244	53.00	50.5	242
9.00	16.5	246	54.00	47.0	243
10.00	20.5	247	55.00	42.5	245
11.00	24.0	249	56.00	39.0	246
12.00	23.0	250	57.00	35.5	247
13.00	22.5	247	58.00	33.5	249
14.00	25.0	243	59.00	31.5	251
15.00	27.0	239	60.00	30.0	253
16.00	28.5	239	61.00	24.5	255
17.00	31.0	241	62.00	24.5	252
18.00	34.5	247	63.00	25.0	250
19.00	41.5	252	64.00	25.5	250
20.00	48.0	252	65.00	26.5	251
21.00	53.0	249	66.00	27.5	251
22.00	55.0	247	67.00	28.5	251
23.00	56.5	246	68.00	28.5	252
24.00	59.5	247	69.00	27.0	251
25.00	61.5	248	70.00	25.0	251
26.00	61.0	247	71.00	23.5	250
27.00	64.0	247	72.00	22.5	252
28.00	68.5	246	73.00	22.0	253
29.00	68.0	247	74.00	21.0	255
30.00	68.5	245	75.00	20.5	256
31.00	69.5	244	76.00	22.5	255
32.00	71.0	244	77.00	24.5	254
33.00	74.0	244			
34.00	73.0	243			
35.00	70.5	243			



Wallops Island, Virginia  
February 7, 1975 at 0515 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.25	21.9	347	36.00	77.0	233
.50	7.4	35	37.00	79.2	233
.75	9.4	21	38.00	79.3	232
1.00	10.1	16	39.00	80.8	236
1.25	9.5	10	40.00	81.2	237
1.50	10.2	24	41.00	80.8	236
1.75	10.4	18	42.00	79.9	236
2.00	10.9	13	43.00	79.4	237
2.25	8.8	25	44.00	78.6	236
2.50	8.1	46	45.00	79.3	235
2.75	7.1	22	46.00	81.7	233
3.00	5.5	36	47.00	83.1	234
4.00	4.2	10	48.00	85.5	236
5.00	3.1	351	49.00	87.2	239
6.00	2.3	295	50.00	83.4	242
7.00	4.2	191	51.00	77.3	247
8.00	8.4	193	52.00	71.5	248
9.00	10.7	205	53.00	66.4	248
10.00	12.3	208	54.00	62.2	249
11.00	13.7	213	55.00	57.8	252
12.00	15.3	210	56.00	54.2	253
13.00	15.4	213	57.00	51.0	248
14.00	17.1	218	58.00	51.4	247
15.00	20.3	220	59.00	52.7	251
16.00	21.2	226	60.00	49.9	254
17.00	21.3	227	61.00	46.0	256
18.00	21.8	226	62.00	43.8	257
19.00	21.8	222	63.00	43.2	255
20.00	23.0	223	64.00	41.7	251
21.00	28.1	222	65.00	42.2	252
22.00	32.7	226	66.00	42.4	248
23.00	35.1	228	67.00	41.3	247
24.00	38.0	234	68.00	37.3	242
25.00	44.8	241	69.00	38.7	236
26.00	49.9	244	70.00	39.6	238
27.00	57.1	243	71.00	39.7	245
28.00	65.8	241	72.00	37.1	249
29.00	71.4	239	73.00	30.7	252
30.00	73.6	238	74.00	29.6	242
31.00	75.7	237	75.00	31.0	244
32.00	75.7	237	76.00	30.7	243
33.00	75.7	237	77.00	30.9	245
34.00	75.9	234	78.00	32.7	252
35.00	76.5	233	79.00	30.3	247
			80.00	32.9	251

Wallops Island, Virginia  
February 7, 1975 at 0515 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	32.0	249
82.00	34.6	251
83.00	35.4	252
84.00	31.1	248
85.00	33.7	263
86.00	31.8	261
87.00	28.1	265
88.00	24.6	260
89.00	19.5	249
90.00	16.4	244
91.00	19.8	254
92.00	18.8	240
93.00	21.2	250
94.00	24.4	257
95.00	26.6	255
96.00	27.0	252
97.00	28.1	258
98.00	27.4	263
99.00	28.1	263
100.00	26.5	254
101.00	27.7	256
102.00	27.5	254
103.00	27.7	251
104.00	28.7	250
105.00	29.9	256
106.00	29.4	261
107.00	29.3	268
108.00	17.4	210
109.00	31.5	264
110.00	35.4	254

Wallops Island, Virginia  
February 7, 1975 at 1115 GMT

Time (Min)	Wind Speed (mps)	Wind Direction (deg)	Time (Min)	Wind Speed (mps)	Wind Direction (deg)
.00	3.5	325	36.00	76.0	239
.25	5.5	329	37.00	75.5	239
.50	7.5	334	38.00	74.5	237
.75	9.5	338	39.00	72.5	237
1.00	11.5	342	40.00	76.0	236
1.25	13.0	341	41.00	69.5	237
1.50	14.5	340	42.00	68.5	241
1.75	14.5	339	43.00	66.5	242
2.00	15.5	336	44.00	64.0	240
2.25	15.5	337	45.00	63.0	242
2.50	15.5	336	46.00	62.0	245
2.75	15.5	335	47.00	59.0	245
3.00	15.0	333	48.00	55.5	248
4.00	15.0	332	49.00	55.0	249
5.00	14.0	327	50.00	54.5	249
6.00	12.5	308	51.00	54.0	250
7.00	10.0	301	52.00	51.5	253
8.00	13.0	295	53.00	48.0	255
9.00	15.5	289	54.00	44.5	255
10.00	18.5	282	55.00	43.5	254
11.00	21.0	276	56.00	43.0	253
12.00	21.0	272	57.00	42.0	252
13.00	21.5	267	58.00	41.0	251
14.00	21.5	263	59.00	40.5	252
15.00	21.5	258	60.00	39.5	251
16.00	22.5	258	61.00	39.0	251
17.00	23.0	257	62.00	38.0	251
18.00	23.0	256	63.00	37.0	250
19.00	23.5	255	64.00	36.5	250
20.00	23.5	254	65.00	35.0	252
21.00	29.0	254	66.00	34.0	255
22.00	34.5	251	67.00	33.0	257
23.00	38.0	250	68.00	32.0	259
24.00	46.0	247	69.00	31.5	258
25.00	53.5	246	70.00	31.0	256
26.00	56.0	247	71.00	30.5	255
27.00	58.5	245	72.00	29.5	260
28.00	61.0	245	73.00	25.0	254
29.00	64.0	244	74.00	24.0	253
30.00	69.0	243	75.00	22.5	253
31.00	74.0	241	76.00	21.5	252
32.00	78.0	239	77.00	20.0	251
33.00	77.5	239	78.00	21.0	251
34.00	77.0	239	79.00	22.5	250
35.00	76.5	239	80.00	23.5	250

Wallops Island, Virginia  
February 7, 1975 at 1115 GMT (Continued)

Time (Min)	Wind Speed (mps)	Wind Direction (deg)
81.00	25.0	251
82.00	25.5	252
83.00	26.0	252
84.00	26.5	253
85.00	27.0	253
86.00	28.0	252
87.00	29.0	252
88.00	30.0	251
89.00	30.5	250
90.00	31.5	252
91.00	32.5	254
92.00	33.0	256
93.00	34.0	258
94.00	34.5	262
95.00	34.0	262
96.00	34.5	262
97.00	35.5	261
98.00	36.5	261
99.00	37.5	260